BANK and QUOTATION RECORD

REG. U. S. PATENT OFFICE

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September 1963

William B. Dana Company, Publishers

25 Park Place, New York 8, N. Y.

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BANK and QUOTATION RECORD

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(Published Monthly)

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CHICAGO OFFICE—135 South La Salle Street.

WILLIAM B. DANA COMPANY, Publishers
25 Park Place, New York 7

Volume of Business on New York Stock Exchange

Month of August—	1963	1962	1961	1960
Stock sales (shares)	91,593,815	77,458,994	81,526,684	65,349,933
Bond sales (par value)—	$	$	$	$
Railroad and misc.	88,057,260	88,686,000	127,835,000	102,913,000
International Bank	------	7,176,000	------	------
Foreign govt.	18,678,200	------	5,274,000	6,235,100
United States Govt.	------	------	------	------
Total bond sales	106,735,460	95,862,000	133,109,000	109,148,100
Jan. 1 to Aug. 31—	1963	1962	1961	1960
Stock sales (shares)	724,729,118	643,521,659	714,218,005	512,052,319
Bond sales (par value)—	$	$	$	$
Railroad and misc.	790,081,760	986,544,400	1,074,132,000	864,634,600
International Bank	286,000	15,000	------	------
Foreign govt.	84,057,400	59,004,400	48,020,700	49,038,550
United States Govt.	------	------	2,000	4,500
Total bond sales	874,425,160	1,045,563,800	1,122,154,700	913,677,650

Volume of Business on American Stock Exchange

Month of August—	1963	1962	1961	1960
Stock sales (shares)	27,669,226	23,631,550	28,776,274	25,477,990
Bond sales (par value)—	$	$	$	$
Domestic	4,704,000	6,744,000	3,549,000	2,986,000
Foreign govt.	211,000	150,000	80,000	118,000
Foreign corporate	56,000	133,000	101,000	62,000
Total bond sales	4,971,000	7,027,000	3,730,000	3,166,000
Jan. 1 to Aug. 31—	1963	1962	1961	1960
Stock sales (shares)	196,738,259	214,398,759	353,430,979	189,717,393
Bond sales (par value)—	$	$	$	$
Domestic	48,864,000	48,937,000	33,922,000	18,994,000
Foreign govt.	2,050,000	1,300,000	1,787,000	995,000
Foreign corporate	360,000	1,124,000	1,282,000	748,000
Total bond sales	51,274,000	51,361,000	36,991,000	20,737,000

Dow-Jones Closing Stock Averages

	Industrials 30	Railroads 20	Utilities 15	Stocks Total 65	Big Board Volume
Aug. 1	694.87	167.08	139.73	250.58	3,411,460
Aug. 2	697.83	168.00	140.16	251.68	2,930,570
Aug. 3	Saturday				
Aug. 4	Sunday				
Aug. 5	702.55	168.27	140.31	252.78	3,368,160
Aug. 6	707.06	169.34	140.88	254.28	3,764,370
Aug. 7	703.92	170.11	141.25	254.05	3,790,870
Aug. 8	704.18	169.59	141.22	253.91	3,457,640
Aug. 9	708.39	170.61	142.09	255.43	4,049,810
Aug. 10	Saturday				
Aug. 11	Sunday				
Aug. 12	710.27	171.10	143.22	256.40	4,763,610
Aug. 13	711.13	172.19	143.72	257.14	4,451,190
Aug. 14	714.95	170.90	143.41	257.35	4,415,720
Aug. 15	718.55	173.36	143.89	250.12	4,985,970
Aug. 16	719.32	176.31	144.03	260.37	4,129,390
Aug. 17	Saturday				
Aug. 18	Sunday				
Aug. 19	718.81	176.24	143.89	260.19	3,650,210
Aug. 20	717.27	172.69	143.82	259.65	3,656,980
Aug. 21	715.72	175.59	143.55	259.21	3,821,930
Aug. 22	718.47	175.44	144.13	259.92	4,538,950
Aug. 23	723.14	175.81	144.37	261.09	4,878,715
Aug. 24	Saturday				
Aug. 25	Sunday				
Aug. 26	724.17	175.69	144.15	261.18	4,699,580
Aug. 27	719.88	173.51	143.02	259.13	4,017,480
Aug. 28	725.07	176.63	143.67	261.52	5,137,970
Aug. 29	726.40	176.16	143.87	261.69	5,108,880
Aug. 30	729.32	176.86	143.96	262.56	4,564,360
Aug. 31	Saturday				

Averages are compiled daily by using the following divisors: Industrials, 2.914; Rails, 5.04; Utilities, 5.20; 65 stocks, 14.34.

Rates for Money at New York

Call Loans on Stk. Ex.:	Aug. 2	Aug. 9	Aug. 16	Aug. 23	Aug. 30
Range for week (mixed & industrial collateral)	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Time loans (mixed & industrial collateral)—					
Thirty days	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Sixty days	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Ninety days	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Four months	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Five months	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Six months	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Commercial paper— Double and single names (prime 4 to 6 months)	3⅝@4⅛	3⅝@4⅛	3¾@4¼	3¾@4¼	3⅞@4⅜

Call Loan Rates on the New York Stock Exchange

	Low	High	Renewal		Low	High	Renewal
Aug. 1	3¾@4½	3¾@4½	3¾@4½	Aug. 17	Saturday		
Aug. 2	3¾@4½	3¾@4½	3¾@4½	Aug. 18	Sunday		
Aug. 3	Saturday			Aug. 19	3¾@4½	3¾@4½	3¾@4½
Aug. 4	Sunday			Aug. 20	3¾@4½	3¾@4½	3¾@4½
Aug. 5	3¾@4½	3¾@4½	3¾@4½	Aug. 21	3¾@4½	3¾@4½	3¾@4½
Aug. 6	3¾@4½	3¾@4½	3¾@4½	Aug. 22	3¾@4½	3¾@4½	3¾@4½
Aug. 7	3¾@4½	3¾@4½	3¾@4½	Aug. 23	3¾@4½	3¾@4½	3¾@4½
Aug. 8	3¾@4½	3¾@4½	3¾@4½	Aug. 24	Saturday		
Aug. 9	3¾@4½	3¾@4½	3¾@4½	Aug. 25	Sunday		
Aug. 10	Saturday			Aug. 26	3¾@4½	3¾@4½	3¾@4½
Aug. 11	Sunday			Aug. 27	3¾@4½	3¾@4½	3¾@4½
Aug. 12	3¾@4½	3¾@4½	3¾@4½	Aug. 28	3¾@4½	3¾@4½	3¾@4½
Aug. 13	3¾@4½	3¾@4½	3¾@4½	Aug. 29	3¾@4½	3¾@4½	3¾@4½
Aug. 14	3¾@4½	3¾@4½	3¾@4½	Aug. 30	3¾@4½	3¾@4½	3¾@4½
Aug. 15	3¾@4½	3¾@4½	3¾@4½	Aug. 31	Saturday		
Aug. 16	3¾@4½	3¾@4½	3¾@4½				

Daily Record of Time Loans

	Rates on Mixed Collateral					
	30 Days	60 Days	90 Days	4 Mos.	5 Mos.	6 Mos.
Aug. 1	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 2	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 3	Saturday					
Aug. 4	Sunday					
Aug. 5	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 6	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 7	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 8	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 9	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 10	Saturday					
Aug. 11	Sunday					
Aug. 12	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 13	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 14	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 15	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 16	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 17	Saturday					
Aug. 18	Sunday					
Aug. 19	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 20	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 21	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 22	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 23	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 24	Saturday					
Aug. 25	Sunday					
Aug. 26	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 27	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 28	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 29	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 30	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½	3¾@4½
Aug. 31	Saturday					

Prime Bankers' Acceptances

	30 Days Bid Ask	60 Days Bid Ask	90 Days Bid Ask	120 Days Bid Ask	150 Days Bid Ask	180 Days Bid Ask
Aug. 1	3⅝@3⅞	3⅝@3⅞	3⅝@3⅞	3¾@3⅝	3⅞@3¾	3⅞@3¾
Aug. 2	3⅝@3⅞	3⅝@3⅞	3⅝@3⅞	3¾@3⅝	3⅞@3¾	3⅞@3¾
Aug. 3	Saturday					
Aug. 4	Sunday					
Aug. 5	3⅝@3⅞	3⅝@3⅞	3⅝@3⅞	3¾@3⅝	3⅞@3¾	3⅞@3¾
Aug. 6	3⅝@3⅞	3⅝@3⅞	3⅝@3⅞	3¾@3⅝	3⅞@3¾	3⅞@3¾
Aug. 7	3⅝@3⅞	3⅝@3⅞	3⅝@3⅞	3¾@3⅝	3⅞@3¾	3⅞@3¾
Aug. 8	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 9	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 10	Saturday					
Aug. 11	Sunday					
Aug. 12	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 13	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 14	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 15	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 16	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 17	Saturday					
Aug. 18	Sunday					
Aug. 19	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 20	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 21	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 22	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 23	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 24	Saturday					
Aug. 25	Sunday					
Aug. 26	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 27	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 28	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 29	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 30	3¾@3⅝	3¾@3⅝	3¾@3⅝	3⅞@3¾	4 @3⅞	4 @3⅞
Aug. 31	Saturday					

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Daily Rates of Foreign Exchange

The figures shown below are the approximate cable rates in the New York market for each business day of the current month.

	‡Argentina Peso (Free)	‡Australia Pound	‡Austria Schilling	¶Belgium Franc	Bolivia Boliviano	——Brazil (Cruzeiro)—— Official	Free
Aug. 1	.0074	2.2314	.0387	.0200	.0850	.0545	.00167
Aug. 2	.0074	2.2313	.0387	.0200	.0850	.0545	.00167
Aug. 3	Saturday						
Aug. 4	Sunday						
Aug. 5	.0074	2.2314	.0387	.0200	.0850	.0545	.00167
Aug. 6	.0074	2.2315	.0387	.0200	.0850	.0545	.00167
Aug. 7	.0074	2.2316	.0387	.0200	.0850	.0545	.00167
Aug. 8	.0074	2.2318	.0387	.0200	.0850	.0545	.00167
Aug. 9	.0074	2.2316	.0387	.0200	.0850	.0545	.00167
Aug. 10	Saturday						
Aug. 11	Sunday						
Aug. 12	.0074	2.2317	.0387	.0200	.0850	.0545	.00167
Aug. 13	.0074	2.2314	.0387	.0200	.0850	.0545	.00167
Aug. 14	.0074	2.2314	.0387	.0200	.0850	.0545	.00167
Aug. 15	.0074	2.2312	.0387	.0200	.0850	.0545	.00167
Aug. 16	.0074	2.2308	.0387	.0200	.0850	.0545	.00167
Aug. 17	Saturday						
Aug. 18	Sunday						
Aug. 19	.0074	2.2362	.0387	.0200	.0850	.0545	.00167
Aug. 20	.0074	2.2298	.0387	.0200	.0850	.0545	.00167
Aug. 21	.0074	2.2298	.0387	.0200	.0850	.0545	.00167
Aug. 22	.0074	2.2295	.0387	.0200	.0850	.0545	.00167
Aug. 23	.0074	2.2298	.0387	.0200	.0850	.0545	.00167
Aug. 24	Saturday						
Aug. 25	Sunday						
Aug. 26	.0074	2.2304	.0387	.0200	.0850	.0545	.00167
Aug. 27	.0074	2.2298	.0387	.0200	.0850	.0545	.00167
Aug. 28	.0074	2.2298	.0387	.0200	.0850	.0545	.00167
Aug. 29	.0074	2.2298	.0387	.0200	.0850	.0545	.00167
Aug. 30	.0074	2.2385	.0387	.0200	.0850	.0545	.00167
Aug. 31	Saturday						

	‡Canada Dollar	‡Ceylon Rupee	Chile Escudo	Colombia Peso (Free)	¶Czechoslovakia Koruna	Denmark Krone
Aug. 1	.9244	.2101	.3400	.1010	.1400	.1448½
Aug. 2	.9240	.2101	.3400	.1010	.1400	.1449
Aug. 3	Saturday					
Aug. 4	Sunday					
Aug. 5	.9231	.2101	.3400	.1010	.1400	.1448½
Aug. 6	.9228	.2101	.3400	.1010	.1400	.1448¼
Aug. 7	.9235	.2101	.3400	.1010	.1400	.1448¼
Aug. 8	.9230	.2101	.3400	.1010	.1400	.1448
Aug. 9	.9230	.2101	.3400	.1010	.1400	.1448
Aug. 10	Saturday					
Aug. 11	Sunday					
Aug. 12	.9238	.2100	.3400	.1010	.1400	.1447½
Aug. 13	.9232	.2100	.3400	.1010	.1400	.1447½
Aug. 14	.9226	.2100	.3400	.1010	.1400	.1446½
Aug. 15	.9229	.2100	.3400	.1010	.1400	.1446½
Aug. 16	.9228	.2100	.3400	.1010	.1400	.1446½
Aug. 17	Saturday					
Aug. 18	Sunday					
Aug. 19	.9232	.2100	.3400	.1010	.1400	.1446½
Aug. 20	.9233	.2100	.3400	.1010	.1400	.1446½
Aug. 21	.9232	.2100	.3400	.1010	.1400	.1445¾
Aug. 22	.9228	.2101	.3400	.1010	.1400	.1446¼
Aug. 23	.9228	.2101	.3400	.1010	.1400	.1447¼
Aug. 24	Saturday					
Aug. 25	Sunday					
Aug. 26	.9230	.2101	.3400	.1010	.1400	.1448½
Aug. 27	.9235	.2101	.3400	.1010	.1400	.1448½
Aug. 28	.9231	.2101	.3400	.1010	.1400	.1448¼
Aug. 29	.9229	.2101	.3400	.1010	.1400	.1448½
Aug. 30	.9238	.2101	.3400	.1010	.1400	.1448
Aug. 31	Saturday					

	Egypt Pound	‡England (Pound) Sterling	30 Days	60 Days	90 Days	‡Finland Markka	‡France (Metropolitan) New Franc
Aug. 1	2.33	2.8004	2.8001	2.7994	2.7986	.3105	.2040
Aug. 2	2.33	2.8004	2.7999	2.7993	2.7985	.3105	.2040
Aug. 3	Saturday						
Aug. 4	Sunday						
Aug. 5	2.33	2.8005	2.8001	2.7994	2.7986	.3105	.2040
Aug. 6	2.33	2.8006	2.8000	2.7993	2.7986	.3105	.2040
Aug. 7	2.33	2.8007	2.8005	2.7999	2.7991	.3105	.2040
Aug. 8	2.33	2.8010	2.8007	2.8001	2.7993	.3105	.2040
Aug. 9	2.33	2.8007	2.8001	2.7995	2.7987	.3105	.2040
Aug. 10	Saturday						
Aug. 11	Sunday						
Aug. 12	2.33	2.8008	2.8005	2.7998	2.7990	.3105	.2040
Aug. 13	2.33	2.8004	2.8002	2.7995	2.7988	.3105	.2040
Aug. 14	2.33	2.8005	2.8001	2.7994	2.7988	.3105	.2040
Aug. 15	2.33	2.8002	2.8001	2.7995	2.7989	.3105	.2040
Aug. 16	2.33	2.7997	2.7999	2.7994	2.7989	.3105	.2040
Aug. 17	Saturday						
Aug. 18	Sunday						
Aug. 19	2.33	2.7990	2.7992	2.7989	2.7983	.3105	.2040
Aug. 20	2.33	2.7984	2.7984	2.7982	2.7979	.3105	.2040
Aug. 21	2.33	2.7984	2.7983	2.7978	2.7974	.3105	.2040
Aug. 22	2.33	2.7980	2.7985	2.7981	2.7979	.3105	.2040
Aug. 23	2.33	2.7984	2.7991	2.7986	2.7983	.3105	.2040
Aug. 24	Saturday						
Aug. 25	Sunday						
Aug. 26	2.33	2.7992	2.7989	2.7986	2.7981	.3105	.2040
Aug. 27	2.33	2.7984	2.7982	2.7979	2.7976	.3105	.2040
Aug. 28	2.33	2.7985	2.7986	2.7983	2.7981	.3105	.2040
Aug. 29	2.33	2.7984	2.7986	2.7983	2.7980	.3105	.2040
Aug. 30	2.33	2.7980	2.7979	2.7977	2.7974	.3105	.2040
Aug. 31	Saturday						

All other footnotes on page 3.

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Daily Rates of Foreign Exchange—Continued

	‡Germany Deutsche Mark	Hong Kong Dollar	‡India Rupee	Indonesia Rupiah	Iran Rial	Iraq Dinar	‡Ireland Pound	Italy Lira	‡Japan Yen
Aug. 1	.2508	.1755	.2096	.0235	**	2.80	2.8004	.0016	.0027
Aug. 2	.2508	.1755	.2096	.0235	**	2.80	2.8004	.0016	.0027
Aug. 3	Saturday								
Aug. 4	Sunday								
Aug. 5	.2509	.1755	.2096	.0235	**	2.80	2.8005	.0016	.0027
Aug. 6	.2508	.1755	.2096	.0235	**	2.80	2.8006	.0016	.0027
Aug. 7	.2508	.1755	.2096	.0235	**	2.80	2.8007	.0016	.0027
Aug. 8	.2509	.1755	.2096	.0235	**	2.80	2.8010	.0016	.0027
Aug. 9	.2509	.1755	.2096	.0235	**	2.80	2.8007	.0016	.0027
Aug. 10	Saturday								
Aug. 11	Sunday								
Aug. 12	.2509	.1755	.2096	.0235	.0135	2.80	2.8008	.0016	.0027
Aug. 13	.2510	.1755	.2096	.0235	.0135	2.80	2.8004	.0016	.0027
Aug. 14	.2509	.1755	.2096	.0235	.0135	2.80	2.8005	.0016	.0027
Aug. 15	.2509	.1755	.2096	.0235	.0135	2.80	2.8002	.0016	.0027
Aug. 16	.2510	.1755	.2096	.0235	.0135	2.80	2.7997	.0016	.0027
Aug. 17	Saturday								
Aug. 18	Sunday								
Aug. 19	.2510	.1755	.2096	.0235	.0135	2.80	2.7990	.0016	.0027
Aug. 20	.2510	.1755	.2096	.0235	.0135	2.80	2.7984	.0016	.0027
Aug. 21	.2509	.1755	.2096	.0235	.0135	2.80	2.7984	.0016	.0027
Aug. 22	.2510	.1754	.2095	.0235	.0135	2.80	2.7980	.0016	.0027
Aug. 23	.2511	.1754	.2095	.0235	.0135	2.80	2.7984	.0016	.0027
Aug. 24	Saturday								
Aug. 25	Sunday								
Aug. 26	.2511	.1754	.2095	.0235	.0135	2.80	2.7992	.0016	.0027
Aug. 27	.2512	.1754	.2095	.0235	.0135	2.80	2.7984	.0016	.0027
Aug. 28	.2511	.1754	.2095	.0235	.0135	2.80	2.7985	.0016	.0027
Aug. 29	.2511	.1754	.2096	.0235	.0135	2.80	2.7984	.0016	.0027
Aug. 30	.2511	.1754	.2099	.0235	.0135	2.80	2.7984	.0016	.0027
Aug. 31	Saturday								

	Lebanon Pound	‡Malaysia Malayan Dollar	‡Mexico Peso	‡Netherlands Guilder	‡New Zealand Pound	‡Norway Krone	Pakistan Rupee	Paraguay Guarani	Peru Sol	Philippine Is. Peso
Aug. 1	.3265	.3265	.0800	.2773	2.7727	.1399	.2102½	.0081	.0375	.2570
Aug. 2	.3265	.3265	.0800	.2773	2.7726	.1399	.2102½	.0081	.0375	.2570
Aug. 3	Saturday									
Aug. 4	Sunday									
Aug. 5	.3265	.3265	.0800	.2772	2.7727	.1399	.2102½	.0081	.0375	.2570
Aug. 6	.3265	.3265	.0800	.2772	2.7729	.1399	.2102½	.0081	.0375	.2570
Aug. 7	.3265	.3265	.0800	.2771	2.7729	.1399	.2103	.0081	.0375	.2570
Aug. 8	.3265	.3265	.0800	.2771	2.7732	.1399	.2103	.0081	.0375	.2570
Aug. 9	.3265	.3265	.0800	.2772	2.7729	.1399	.2102½	.0081	.0375	.2570
Aug. 10	Saturday									
Aug. 11	Sunday									
Aug. 12	.3265	.3265	.0800	.2772	2.7730	.1399	.2103	.0081	.0375	.2570
Aug. 13	.3265	.3265	.0800	.2772	2.7727	.1399	.2102½	.0081	.0375	.2570
Aug. 14	.3265	.3265	.0800	.2771	2.7727	.1398	.2102½	.0081	.0375	.2570
Aug. 15	.3265	.3265	.0800	.2771	2.7724	.1398	.2102½	.0081	.0375	.2570
Aug. 16	.3265	.3265	.0800	.2772	2.7720	.1398	.2102	.0081	.0375	.2570
Aug. 17	Saturday									
Aug. 18	Sunday									
Aug. 19	.3265	.3264	.0800	.2771	2.7712	.1398	.2102	.0081	.0375	.2570
Aug. 20	.3270	.3264	.0800	.2770	2.7706	.1398	.2101	.0081	.0375	.2570
Aug. 21	.3270	.3263	.0800	.2769	2.7706	.1397	.2101	.0081	.0375	.2570
Aug. 22	.3275	.3263	.0800	.2769	2.7703	.1397	.2101	.0081	.0375	.2570
Aug. 23	.3280	.3263	.0800	.2769	2.7706	.1397	.2102	.0081	.0375	.2570
Aug. 24	Saturday									
Aug. 25	Sunday									
Aug. 26	.3290	.3264	.0800	.2770	2.7714	.1398	.2102	.0081	.0375	.2570
Aug. 27	.3285	.3263	.0800	.2769	2.7707	.1397	.2101	.0081	.0375	.2570
Aug. 28	.3270	.3263	.0800	.2768	2.7708	.1397	.2101¼	.0081	.0375	.2570
Aug. 29	.3270	.3263	.0800	.2769	2.7706	.1397	.2101¼	.0081	.0375	.2570
Aug. 30	.3270	.3263	.0800	.2769	2.7706	.1397	.2101¼	.0081	.0375	.2570
Aug. 31	Saturday									

	‡Portugal Escudo	Saudi Arabia Riyal	Singapore Malayan Dollar	‡So. Africa Rand	‡Spain Peseta	‡Sweden Krone	‡Switzerland Franc	Turkey Lira	Uruguay Peso (Free)	——Venezuela—— Official	Free
Aug. 1	.0349	.2250	.3274	1.3949	.0166	.1927	.2315	.0825	.0600	.3003	.2206
Aug. 2	.0349	.2250	.3274	1.3949	.0166	.1927	.2315	.0825	.0600	.3003	.2206
Aug. 3	Saturday										
Aug. 4	Sunday										
Aug. 5	.0349	.2250	.3274	1.3950	.0166	.1927	.2316	.0825	.0600	.3003	.2207
Aug. 6	.0349	.2250	.3274	1.3950	.0166	.1926	.2316	.0825	.0600	.3003	.2206
Aug. 7	.0349	.2250	.3274	1.3951	.0166	.1926	.2315	.0825	.0610	.3003	.2206
Aug. 8	.0349	.2250	.3274	1 3952	.0166	.1925	.2316	.0825	.0610	.3003	.2206
Aug. 9	.0349	.2250	.3274	1.3951	.0166	.1925	.2316	.0825	.0610	.3003	.2206
Aug. 10	Saturday										
Aug. 11	Sunday										
Aug. 12	.0349	.2250	.3274	1.3951	.0166	.1926	.2316	.0825	.0610	.3003	.2206
Aug. 13	.0349	.2250	.3273	1.3949	.0166	.1927	.2316	.0825	.0610	.3003	.2206
Aug. 14	.0349	.2250	.3273	1.3950	.0166	.1927	.2316	.0825	.0610	.3003	.2206
Aug. 15	.0349	.2250	.3273	1.3946	.0166	.1926	.2316	.0825	.0600	.3003	.2206
Aug. 16	.0349	.2250	.3273	1.3946	.0166	.1926	.2316	.0825	.0575	.3003	.2206
Aug. 17	Saturday										
Aug. 18	Sunday										
Aug. 19	0348	.2250	.3272	1.3942	.0166	.1926	.2316	.0825	.0575	.3003	.2206
Aug. 20	.0348	.2250	.3271	1.3939	.0166	.1927	.2317	.0825	.0575	.3003	.2206
Aug. 21	.0348	.2250	.3271	1.3939	.0166	.1926	.2316	.0825	.0575	.3003	.2206
Aug. 22	.0348	.2250	.3271	1.3938	.0166	.1926	.2316	.0825	.0575	.3003	.2206
Aug. 23	.0348	.2250	.3272	1.3939	.0166	.1926	.2317	.0825	.0575	.3003	.2206
Aug. 24	Saturday										
Aug. 25	Sunday										
Aug. 26	.0348	.2250	.3272	1 3943	.0166	.1926	.2316	.0825	.0570	.3003	.2206
Aug. 27	.0348	.2250	.3271	1.3939	.0166	.1927	.2316	.0825	.0570	.3003	.2206
Aug. 28	.0348	.2250	.3271	1.3940	.0166	.1926	.2316	.0825	.0570	.3003	.2206
Aug. 29	.0348	.2250	.3271	1.3939	.0166	.1926	.2316	.0850	.0570	.3003	.2206
Aug. 30	.0348	.2250	.3270	1.3939	.0166	.1926	.2316	.0850	.0570	.3003	.2206
Aug. 31	Saturday										

‡Foreign Exchanges rates certified by the Federal Reserve Bank of the Treasury under tariff act of 1930. These are the noon buying rates in the New York market for cable transfers, payable in the foreign currencies as shown. ¶Official rate.

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New York Stock Exchange—Bonds

Monthly and Yearly Record

RANGE OF BOND PRICES FOR AUGUST

Bond Sales—	1963	1962	Bond Sales—	1963	1962
August	$106,735,460	$95,862,000	Jan. 1 to Aug. 31	$874,425,160	$1,045,563,800

The tables on pages 4 to 29 furnish a complete record of the transactions on the New York Stock Exchange during August and the range for year since January 1. They need no extended introduction, as they are self-explanatory. The tables embrace every security dealt in on the Exchange. We give bonds first, using the classification adopted in the official list. The italic letters in the column headed *"Interest Period"* indicate in each case the month when the bonds mature.

All quotations for interest-paying bonds are at a price to which accrued interest must be added. The exceptions to the rule are income bonds and bonds on which interest is in default. This method of quoting bonds became effective January 2, 1909. Quotations after decimal point represent one or more 32nds of a point.

Sales in August Value $	New York Stock Exchange BONDS U S GOVT BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices		Highest Sale Prices		RANGE SINCE JAN. 1 Lowest Sale Prices		Highest Sale Prices	
	Treasury Bonds—															
----	4¼s May 15 1975-1985	*M*-S	103.28	104.4	102.10	102.18	102.4	102.12	--	------	--	------	--	------	--	------
----	4¼s Aug 15 1987-1992	F-*A*	104	104.8	102.22	102.30	102.20	102.28	--	------	--	------	--	------	--	------
----	4⅛s ----1989-1994	*M*-N	--	--	100.20	100.28	100.22	100.30	--	------	--	------	--	------	--	------
----	4s----Feb 15 1969	*F*-A	101.30	102.2	100.16	100.20	100.3	100.7	--	------	--	------	--	------	--	------
----	4s----Oct 1 1969	A-*O*	101.26	101.30	100.17	100.21	100.3	100.7	--	------	--	------	--	------	--	------
----	4s ----Aug 15 1970	F-*A*	--	--	100.13	100.15	100	100.4	--	------	--	------	--	------	--	------
----	4s----Aug 15 1971	F-*A*	101.16	101.24	100.11	100.15	99.29	100.1	--	------	--	------	--	------	--	------
----	4s----Feb 15 1972	*F*-A	101.1	101.5	100.6	100.10	99.28	100	--	------	--	------	--	------	--	------
----	4s----Aug 15 1972	F-*A*	101.9	101.13	100.6	100.10	99.28	100	--	------	--	------	--	------	--	------
----	4s----Feb 15 1980	*F*-A	101.2	101.10	99.25	99.29	99.23	99.27	--	------	--	------	--	------	--	------
----	4s---- 1988-1993	*F*-A	--	--	99.22	99.30	99.18	99.26	--	------	--	------	--	------	--	------
----	3⅞s----May 15 1968	*M*-N	101.20	101.24	100.4	100.8	99.30	100.2	--	------	--	------	--	------	--	------
----	3⅞s----Nov 15 1971	M-*N*	101.17	101.25	99.7	99.11	98.30	99.2	--	------	--	------	--	------	--	------
----	3⅞s----Nov 15 1974	M-*N*	101.16	101.24	98.28	99	98.21	98.25	--	------	--	------	--	------	--	------
----	3¾s----Aug 15 1968	F-*A*	101.1	101.5	99.14	99.18	99.8	99.12	--	------	--	------	--	------	--	------
----	3¾s----May 15 1966	*M*-N	100.30	101.2	100.1	100.3	99.30	100	--	------	--	------	--	------	--	------
----	3⅝s----Nov 15 1967	M-*N*	100.21	100.25	99.7	99.9	99.7	99.9	--	------	--	------	--	------	--	------
----	3½s----Nov 15 1980	M-*N*	95.8	95.16	93.28	94.4	93.16	93.24	--	------	--	------	--	------	--	------
----	3½s----Feb 15 1990	*F*-A	92.28	93.4	91.20	91.28	91.18	91.26	--	------	--	------	--	------	--	------
----	3½s----Nov 15 1998	M-*N*	91.28	92.4	90.20	90.28	90.18	90.26	--	------	--	------	--	------	--	------
----	3⅜s----Nov 15 1966	M-*N*	99.28	100	99.3	99.5	98.28	98.30	--	------	--	------	--	------	--	------
----	3¼s Jun 15 1978-1983	*J*-D	91.10	91.18	89.22	89.30	89.20	89.28	--	------	--	------	--	------	--	------
----	3¼s----May 15 1985	*M*-N	91.10	91.18	89.20	89.28	89.18	89.26	--	------	--	------	--	------	--	------
----	3s----Feb 15 1964	*F*-A	99.30	100	99.28	99.30	99.25	99.27	--	------	--	------	--	------	--	------
----	3s----Aug 15 1966	F-*A*	98.24	98.28	98.6	98.10	98.5	98.9	--	------	--	------	--	------	--	------
----	3s----Feb 15 1995	*F*-A	88.18	88.26	87.20	87.28	87.18	87.26	--	------	--	------	--	------	--	------
----	2⅝s----Feb 15 1965	*F*-A	98.23	98.27	98.27	98.29	98.24	98.26	--	------	--	------	--	------	--	------
----	2½s Jun 15 1962-1967	*J*-D	96.11	96.19	95.26	95.30	95.24	95.28	--	------	--	------	--	------	--	------
----	2½s----Aug 15 1963	F-*A*	99.23	99.25	99.31	--	--	--	--	------	--	------	--	------	--	------
----	2½s Dec 15 1963-1968	J-*D*	94.20	94.28	93.25	93.31	93.22	93.28	--	------	--	------	--	------	--	------
----	2½s Jun 15 1964-1969	*J*-D	93.22	93.30	92.24	92.30	92.22	92.28	--	------	--	------	--	------	--	------
----	2½s Dec 15 1964-1969	*J*-*D*	93.2	93.10	92.6	92.12	92.2	92.8	--	------	--	------	--	------	--	------
----	2½s Mar 15 1965-1970	*M*-S	92.24	93	91.24	91.30	91.22	91.28	--	------	--	------	--	------	--	------
----	2½s Mar 15 1966-1971	*M*-S	91.16	91.24	90.27	91.1	90.24	90.30	--	------	--	------	--	------	--	------
----	2½s Jun 15 1967-1972	*J*-D	90	90.8	89.10	89.16	89	89.6	--	------	--	------	--	------	--	------
----	2½s Sep 15 1967-1972	M-*S*	89.24	90	89.3	89.8	88.24	88.30	--	------	--	------	--	------	--	------
----	2½s Dec 15 1967-1972	*J*-*D*	89.26	90.2	89.4	89.10	88.24	88.30	--	------	--	------	--	------	--	------
	International Bank for Reconstruction & Development—															
----	5s----Feb 15 1985	F-*A*	106.8	107.8	106.24	107.24	106.24	107.24	--	------	--	------	--	------	--	------
----	4¾s----Nov 1 1980	M-*N*	104.8	105.8	103.16	104.16	103.24	104.24	--	------	--	------	103.16	Mar 6	103.16	Mar 6
----	4½s----Dec 1 1973	*J*-*D*	102.16	103.16	102	103	102.8	103.8	--	------	--	------	--	------	--	------
----	4½s----Jan 1 1977	*J*-J	102.16	103.16	101.16	102.16	101.16	102.16	--	------	--	------	--	------	--	------
----	4½s----Feb 1 1982	F-A	102.24	103.24	101.24	102.24	102	103	--	------	--	------	--	------	--	------
----	4¼s----May 1 1978	*M*-N	100	101	99.8	100.8	99.8	100.8	--	------	--	------	--	------	--	------
----	4¼s----Jan 15 1979	*J*-J	100	101	99.8	100.8	99.8	100.8	--	------	--	------	--	------	--	------
----	4s----Sep 15 1963	M-*S*	100.16	100.28	99.28	100.4	99.28	100	--	------	--	------	--	------	--	------
----	3¾s----Oct 1 1964	A-*O*	100.8	100.24	99.28	100.8	100	100.16	--	------	--	------	--	------	--	------
----	3¾s----May 15 1968	*M*-N	99	99.24	98.24	99.8	98.24	99.24	--	------	--	------	--	------	--	------
----	3½s----Jan 1 1969	*J*-J	97	98	97	98	97	98	--	------	--	------	--	------	--	------
----	3½s----Oct 15 1971	A-*O*	95.24	96.24	96.8	97.8	96.8	97.8	--	------	--	------	--	------	--	------
----	3⅜s----May 15 1975	*M*-N	93	95	93	94	93.8	94.8	--	------	--	------	--	------	--	------
----	3¼s----Oct 1 1981	A-*O*	88.16	89.16	89.16	90.16	89.16	90.16	--	------	--	------	--	------	--	------
----	3s----July 15 1972	J-*J*	91.8	92.8	91.16	92.16	91.8	92.8	--	------	--	------	--	------	--	------
----	3s----Mar 1 1976	*M*-S	89	90	89.16	90.16	89.16	90.16	--	------	--	------	--	------	--	------
	Inter-American Development Bank—															
----	4¼s----Dec 15 1982	J-*D*	100	100⅛	99¼	100	99½	100¼	--	------	--	------	100	Feb 19	101	Apr 11
	NEW YORK CITY															
	Transit Unification—															
74,000	3% corporate stock----1980	J-D	97⅞	Sale	97½	98	97⅛	97¾	97⅜	Aug 26	97⅞	Aug 5	97 3/32	July 24	99⅞	Mar 25
	FOREIGN GOVERNMENT & FOREIGN CORPORATE ISSUES—															
----	Akershus (Norway) 4s---1968	*M*-S	91	--	93⅝	--	93⅝	--	--	------	--	------	91½	Feb 19	92	July 25
91,000	Amsterdam (City of) 5¼s-1973	*M*-S	103½	105⅛	100¼	Sale	102	103	100¼	Aug 1	103	Aug 12	100	July 30	105½	Jan 11
----	*△Antioquia (Col) 7s A--1945	J-*J*	96⅛	--	96⅛	--	96⅛	--	--	------	--	------	--	------	--	------
----	*△External s f 7s ser B-1945	J-*J*	96⅛	--	96⅛	--	96⅛	--	--	------	--	------	--	------	--	------
----	*△External s f 7s ser C-1945	J-*J*	96⅛	--	96⅛	--	96⅛	--	--	------	--	------	--	------	--	------
3,000	*△External s f 7s ser D-1945	A-*O*	96⅛	--	96⅛	--	125	Sale	125	Aug 30	125	Aug 30	125	Aug 30	125	Aug 30
----	△7s 1st series----1957	A-*O*	96⅛	--	96⅛	--	96⅛	--	--	------	--	------	--	------	--	------
----	△7s 2nd series----1957	A-*O*	96⅛	--	96⅛	--	96⅛	--	--	------	--	------	--	------	--	------
----	△7s 3rd series----1957	A-*O*	96⅛	--	96⅛	--	96⅛	--	--	------	--	------	--	------	--	------
189,000	3s s f $ bonds----1978	J-*J*	58	Sale	63	64	62⅝	64	62¼	Aug 9	64	Aug 22	57⅝	Jan 24	64	Aug 22
	Australia (Commonwealth of)															
206,000	20-year 3½s----1967	J-*D*	98	98½	96½	97¼	96	Sale	95¼	Aug 7	97	Aug 28	95¼	Aug 7	99	Jun 6
62,000	20-year 3½s----1966	J-*D*	97	98½	97¼	98¼	97½	--	96¾	Aug 7	98½	Aug 14	96¾	Aug 7	99⅛	Jun 19
60,000	15-year 3¾s----1969	J-*D*	97	Sale	96½	97⅞	95½	97¾	95½	Aug 14	96¾	Aug 5	95½	Aug 14	98¾	Jan 31
156,000	15-year 4½s----1971	J-D	99¼	100¼	100	Sale	98	100	98	Aug 9	100⅛	Aug 5	98	Aug 9	101⅛	May 14
107,000	15-year 4¾s----1973	*M*-N	99⅞	Sale	100⅛	101½	100⅛	101½	100	Aug 8	100¼	Aug 5	99⅛	Jan 3	101¾	July 9
68,000	15-year 5s----1978	M-*N*	100⅛	101	100¼	100¾	100¼	101	100	Aug 7	101	Aug 29	100	Mar 27	102½	Feb 18
196,000	20-year 5s----1978	M-*N*	100⅛	101	100¼	100¾	100¼	101	100	Aug 7	101	Aug 29	100	Mar 27	102½	Feb 18
196,000	20-year 5½s----1979	M-*S*	103¼	Sale	102	103½	101⅝	103	101⅛	Aug 15	103⅞	Aug 5	101	July 23	105¾	Jun 28
635,000	20-year 5¼s----Apr 1980	A-O	100½	Sale	100¼	Sale	101¼	102¼	100⅛	Aug 2	101½	Aug 12	100	July 26	103⅞	July 16
385,000	20-year 5¼s----Oct 1980	A-*O*	100¾	101½	100¼	Sale	102¼	Sale	100⅛	Aug 1	102¼	Aug 21	100	July 22	103¾	July 8
303,000	20-year 5½s----1981	J-*J*	102	Sale	102¾	Sale	102¼	103	102¼	Aug 14	103¼	Aug 2	100¼	July 22	105	Apr 24
138,000	20-year 5½s old---Jan 1982	J-*J*	102½	103¼	103	103⅞	102½	103⅛	102¼	Aug 14	103	Aug 2	101	July 23	105½	Jun 6
316,000	20-year 5½s new—July 1982	J-*J*	101¾	102½	102¾	103½	103	Sale	102¼	Aug 14	103¼	Aug 2	100¼	July 22	104⅞	Jun 7
447,000	20-year 5½s----Oct 1982	A-*O*	102⅜	Sale	103	103½	102½	103¾	102	Aug 5	103	Aug 9	100	July 22	105	Jun 24
664,000	20-year 5s ----1983	A-O	--	--	100¾	Sale	100⅛	102½	99¾	Aug 13	100¾	Aug 1	98½	May 3	101¼	July 2
	Austria (Rep)—															
452,000	5½s external s f $----1973	J-*D*	104	Sale	102	Sale	102	103	101¼	Aug 16	102⅞	Aug 7	101¼	Aug 16	104½	Jan 7
	Austrian Government—															
5,000	4½s assented due----1980	J-J	--	88	--	89	--	89	89	Aug 27	89	Aug 27	87½	Jan 3	89½	Feb 4
	*△Bavaria (Free State)—															
----	External 6½s----1945	F-*A*	--	--	--	--	--	--	--	------	--	------	--	------	--	------
----	4⅞s debt adj series 8--1965	F-*A*	100½	--	101⅛	--	101⅛	--	--	------	--	------	100¾	Feb 15	101⅜	Mar 7
	Belgian Congo—															
75,000	5¼s external loan----1973	A-O	37	Sale	40¾	43¾	45	46	44	Aug 5	50	Aug 5	36	Jan 2	50	Aug 5
8,000	Belgium (King of) extl 4s1964	J-*D*	100¼	101	100	--	99⅛	99¾	99½	Aug 19	100	Aug 6	99½	Aug 19	101	Feb 7
119,000	5½s external loan----1972	M-*S*	103¾	106½	100	101¾	100⅝	--	100½	Aug 5	101½	Aug 13	100	July 26	105¾	Jan 25
141,000	5½s extl loan s f----1976	J-*D*	103½	104	102¼	Sale	100¾	102½	100	Aug 14	102¾	Aug 1	100	Aug 14	105	Feb 1
229,000	5¼s extl loan s f----1977	A-O	101⅞	Sale	99⅝	Sale	99⅜	102	97	Aug 15	99⅝	Aug 1	97	Aug 15	102⅞	Mar 1
----	△Berlin (City of) 6s----1958	J-D	--	--	--	--	--	--	--	------	--	------	--	------	--	------
----	*△6½s external loan--1950	A-O	--	--	--	--	--	--	--	------	--	------	94¾	Jan 8	102½	Mar 12
----	4⅞s debt adj ser A----1970	A-O	91	--	100⅛	103	100⅛	--	--	------	--	------	96	Jan 29	101	Apr 30
----	4½s debt adj ser B----1978	A-O	--	--	97⅞	--	97⅞	99½	--	------	--	------				

For footnotes, see page 95.

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Sales in August Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
----	*△Berlin City Elec 6s 1955	A-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	*△6½s s f debentures 1951	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	△6½s s f debentures 1959	F-A	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Berlin Power & Light Co—											
	Debt adjustment											
2,000	4⅞s deb series A 1978	J-J	--	--	80	86¾	80	86¾	80 Aug 16	80 Aug 16	77⅝ Feb 6	80½ Mar 29
----	4½s deb series B 1978	J-J	--	--	75⅜	--	75⅜	--	-- ------	-- ------	75⅜ May 6	78 Mar 4
----	*△Brazil (U S of) extl 8s 1941	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 3.5%)											
8,000	1978	J-D	83	87	93	--	94½	--	93 Aug 7	95¼ Aug 8	83 Jan 4	95¼ Aug 8
----	△Extl s f 6½s 1926 1957	A-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 3.375%)											
133,000	1979	A-O	78	80	95	--	85¼	95⅞	95 Aug 2	99 Aug 12	78 Jan 3	99 Aug 12
----	△Extl s f 6½s 1927 1957	A-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 3.375%)											
122,000	1979	A-O	78	79⅞	95	Sale	85¼	96	95 Aug 1	99 Aug 12	78 Jan 3	99 Aug 12
----	△Cent Ry 30-yr 7s 1952	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 3.5%)											
5,000	1978	J-D	83	92	93	--	94½	--	95¼ Aug 8	95¼ Aug 8	83 Jan 28	95¼ Aug 8
	5% funding 1931 due 1951											
	Stamped pursuant to Plan A (interest reduced to 3.375%)											
76,000	1979	A-O	78	80	95	--	85¼	95	97 Aug 6	99 Aug 12	78 Jan 4	99 Aug 12
15,000	Caldas (Dept of) 3s 1978	J-J	56¾	60	61¾	65	63¾	65	61⅝ Aug 9	63¼ Aug 22	56⅞ Jan 9	63¼ Aug 22
49,000	Canada (Dom) 2¾s 1974	M-S	86⅜	87½	86	90	86	Sale	84 Aug 13	86 Aug 2	84 Aug 13	88⅛ Jan 30
71,000	25-year 2¾s 1975	M-S	86⅜	--	85⅛	86½	83½	--	83 Aug 13	85 Aug 2	83 Aug 13	87¼ Jan 25
	Cauca Valley (Dept of)—											
11,000	3s s f $ bonds 1978	J-J	--	--	61⅝	--	61¾	--	61¾ Aug 7	61¾ Aug 7	56⅞ Jan 3	63 July 15
----	*△Chile (Rep) ext s f 7s 1942	M-N	90	--	93	--	93½	--	-- ------	-- ------	-- ------	-- ------
----	*△7s assented 1942	Feb	41	--	43½	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△Extl s f gold 6s 1960	A-O	90	--	93½	--	93½	--	-- ------	-- ------	92 Jan 15	92 Jan 15
----	△6s assented 1960	A-O	41	--	43½	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△Extl s f gold 6s Feb 1961	F-A	90	--	93½	--	93½	--	-- ------	-- ------	92 Jan 8	99 July 26
----	△6s assented Feb 1961	F-A	41	--	43½	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△Ry ref extl s f 6s Jan 1961	J-J	90	--	93½	--	93½	--	-- ------	-- ------	-- ------	-- ------
----	△6s assented Jan 1961	J-J	41	--	43½	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△Extl s f 6s Sep 1961	M-S	90	--	93½	--	93½	--	-- ------	-- ------	93 Mar 1	93 Mar 1
----	△6s assented Sep 1961	M-S	41	--	43½	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△Extl s f 6s 1962	M-S	90	--	93½	--	93½	--	-- ------	-- ------	-- ------	-- ------
----	△6s assented 1962	M-S	41	--	43½	--	43½	--	-- ------	-- ------	-- ------	-- ------
114,000	△Extl s f 6s 1963	M-N	90	--	93½	--	93½	--	101 Aug 2	103¼ Aug 21	101 Aug 2	103¼ Aug 21
----	△6s assented 1963	M-N	41	--	43½	--	43½	--	-- ------	-- ------	46 May 16	46 May 16
166,000	Extl s f $ bonds 3s 1993	J-D	40⅝	Sale	46½	Sale	47¾	Sale	46½ Aug 1	47¾ Aug 30	40⅛ Jan 22	47¾ Aug 30
----	△Chile (Mtge Bank) 6½s 1957	J-D	90	--	93½	--	93½	--	-- ------	-- ------	-- ------	-- ------
----	△6½s assented 1957	J-D	41	--	43½	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△6¾s assented 1961	J-D	41	--	43½	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△Guar sinking fund 6s 1961	J-D	90	--	93½	--	93½	--	-- ------	-- ------	-- ------	-- ------
----	△6s assented 1961	A-O	41	--	43½	--	43½	--	-- ------	-- ------	46 May 20	46 May 20
----	△Guar sinking fund 6s 1962	M-N	90	--	93½	--	93½	--	-- ------	-- ------	-- ------	-- ------
----	△6s assented 1962	M-N	41	--	43½	--	43½	--	-- ------	-- ------	-- ------	-- ------
----	△Chilean Munic Loan 7s 1960	M-S	90	--	93½	--	93½	--	-- ------	-- ------	92¼ Jan 31	92¼ Jan 31
----	△7s assented 1960	M-S	41	--	43½	--	43½	--	-- ------	-- ------	-- ------	-- ------
52,000	△Chinese Hukuang Ry 5s 1951	J-D	2½	5¼	--	3	2⅝	5	3 Aug 7	5 Aug 29	1½ July 5	5 Aug 29
----	*△Cologne (City of) 6½s 1950	M-S	94½	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
5,000	4⅞s debt adjustment 1970	M-S	--	--	95⅜	--	95⅝	--	95½ Aug 5	95½ Aug 5	95 May 27	95½ Aug 5
	△Colombia (Rep of)—											
1,000	△6s of 1928 Oct 1961	A-O	--	--	--	--	--	--	180 Aug 6	180 Aug 6	172 May 27	180 Aug 6
----	△6s of 1927 Jan 1961	J-J	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
173,000	3s extl s f $ bonds 1970	A-O	79⅝	Sale	88	--	90	Sale	89 Aug 2	93¼ Aug 26	79⅜ Jan 7	93¼ Aug 26
	Copenhagen (City of)—											
712,000	5⅜s extl loan 1978	M-N	--	--	98¼	Sale	98	98¼	97 Aug 8	98½ Aug 28	97 Aug 8	99 July 2
201,000	Copenhagen Telep 5⅝s 1977	J-D	102⅝	Sale	99	100	99½	--	99 Aug 2	100½ Aug 19	99 July 23	103¾ Jan 28
250,000	5⅜s s f $ debs 1978	A-O	--	--	98¼	Sale	98	Sale	96 Aug 14	98¼ Aug 1	96 Aug 14	100 Jun 20
	Costa Rica (Rep of)—											
1,000	3s ref dollar bonds 1972	A-O	63	69	68	70½	68	73	70½ Aug 27	70½ Aug 27	63¼ Jan 30	70½ May 27
	Credit Froncier De France—											
163,000	5½s gtd extl loan 1979	J-D	106	Sale	103	Sale	100⅞	105	102½ Aug 9	104 Aug 8	101 July 22	107¼ May 15
91,000	Cuba (Rep of) 4½s extl 1977	J-D	28	28½	20	Sale	20⅛	Sale	20 Aug 1	21⅜ Aug 13	20 May 9	28½ Jan 4
19,000	Cundinamarca 3s 1978	J-J	56¾	58½	61⅝	62	61⅝	63	62 Aug 14	63 Aug 23	57 Feb 4	63 July 16
	Czechoslovakia (State)—											
	△Stamped assented (interest reduced to 6%) ext to '60											
2,000		A-O	--	32	19⅛	24¾	25¼	--	24¾ Aug 20	24¾ Aug 20	19⅛ July 1	24¾ Aug 20
	Denmark (Kingdom of)—											
126,000	5½s extl loan 1974	F-A	102	103	101½	Sale	101⅛	103½	100⅝ Aug 5	103 Aug 13	99 July 23	105 Jun 12
268,000	5¼s external loan 1977	M-N	100½	Sale	98⅞	Sale	98	98¾	96¾ Aug 15	98⅞ Aug 1	96¾ Aug 15	101¼ Jan 16
713,000	5¼s extl loan 1978	M-S	--	--	98¾	Sale	98⅞	Sale	96 Aug 12	98⅞ Aug 2	96 Aug 12	99⅞ May 10
	El Salvador (Republic of)—											
3,000	3½s extl s f $ bds Jan 1 1976	J-J	86	92	88	90	88	93	88 Aug 6	88 Aug 6	86 Jan 18	92¾ Mar 28
----	3s extl s f $ bds Jan 1 1976	J-J	86	89	88	90	88	92	-- ------	-- ------	86 Jan 3	88 Apr 16
	Energy Supply Schwaben—											
4,000	5¼s debt adjustment 1973	J-J	--	--	95¼	--	95¼	--	95½ Aug 13	95½ Aug 13	95⅛ May 27	95½ Aug 13
----	△Estonia (Republic) 7s 1967	J-J	4¼	5	4	--	4	--	-- ----	-- ------	4¼ Apr 3	5 Jan 21
	European Coal & Steel Community—											
160,000	5½s secured (7th ser) 1975	A-O	103½	107	100½	Sale	101¾	103⅜	100⅛ Aug 16	102½ Aug 12	99 July 23	106 Jan 16
180,000	5s sec (11th series) 1978	J-J	101¼	102	99⅛	100	97¾	--	97 Aug 14	99¼ Aug 9	97 Aug 14	102½ Jan 11
406,000	5⅜s (13th series) 1980	A-O	104	Sale	100¾	102¼	101½	104	100½ Aug 12	101⅝ Aug 8	100½ July 16	104 Jan 2
13,000	5¼s s f debentures 1982	A-O	102¾	103	100	104	101	--	101 Aug 12	101 Aug 12	99¼ July 26	104⅜ Jan 15
164,000	Finland (Republic of) 6s 1973	M-S	--	--	98⅛	99	99	Sale	98¼ Aug 8	99⅛ Aug 29	97¾ May 14	99¼ July 29
----	*△Frankfort on Main 6½s '53	M-N	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	Extl Loan 4⅞s May 1 1973	M-N	94½	--	95¼	--	95¼	--	-- ------	-- ------	95⅞ Mar 15	95⅞ Mar 15
	German (Federal Rep of)—											
	External loan of 1924—											
17,000	5½s dollar bonds 1969	A-O	104¼	--	105⅝	112	105	112	105 Aug 8	105¾ Aug 5	104¼ Jan 4	107¾ Apr 24
----	3s dollar bonds 1972	A-O	92	--	93	--	94	--	-- ------	-- ------	92 Jan 7	94⅞ Jun 20
	Prussian conv 1953 issue											
6,000	4s dollar bonds 1972	A-O	100½	--	102	--	102	--	102 Aug 12	102 Aug 12	101⅜ Jan 10	102¾ Mar 18
	International loan of 1930—											
14,000	5s dollar bonds 1980	J-D	107⅜	108⅜	110	--	110	--	110 Aug 12	110 Aug 12	107⅜ Jan 7	110¾ Apr 16
3,000	3s dollar bonds 1972	J-D	94¾	95	96	--	96	97	96 Aug 13	96 Aug 13	94¾ Jan 9	97 May 6
	Greek Government—											
72,000	△7s part paid 1964	M-N	30¾	Sale	37¾	38½	37⅞	39	37 Aug 15	38½ Aug 27	30 Jan 18	40 Jun 3
117,000	△6s part paid 1968	F-A	29½	Sale	33¾	34⅞	35	36	34 Aug 5	35⅞ Aug 29	26⅞ Jan 30	36⅜ Jun 3
----	*△Hamburg (State of) 6s 1946	A-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
2,000	Conv & funding 4½s 1966	A-O	101	--	101⅜	--	101⅜	--	101⅜ Aug 14	101⅜ Aug 14	101⅛ Jan 18	101⅜ Aug 14
----	*△Harpen Mining Corp 6s '49	J-J	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	4½s debt adjustment 1970	J-J	--	--	92¼	--	95¼	--	-- ------	-- ------	95⅛ Feb 21	95⅛ Feb 21
----	Heidelberg (City) 7½s 1950	J-J	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	International Tel & Tel—											
53,000	Sub America 7½s debs 1977	F-A	98	Sale	102	103½	102½	Sale	102 Aug 20	103½ Aug 5	98 Jan 2	106 Feb 26
174,000	Italian (Rep) 3s 1977	J-J	82½	Sale	81⅞	85	84	85	81¾ Aug 5	85 Aug 23	81¾ Feb 11	86¼ Jun 25
	Italian Credit Consortium for Public Works—											
150,000	30-year extl s f 3s 1977	J-J	82½	Sale	80¾	Sale	82⅛	Sale	80¾ Aug 1	83 Aug 15	80¾ July 30	86 Jun 17
----	*△7s series B 1947	M-S	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Italian Pub Util Credit Inst—											
68,000	30-year gtd extl s f 3s 1977	J-J	82¾	Sale	82	Sale	84	84½	82 Aug 1	84½ Aug 26	81 Mar 20	86 Jun 14
----	*△7s series B 1952	J-J	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	§△Italy (Kingdom of) 7s 1951	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------

For footnotes, see page 95.

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Sales in August Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN AUGUST — Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	Jamaica (Government of)—											
18,000	5¾s external loan 1974	M-S	91	92⅞	92¾	95	94	Sale	93⅝ Aug 6	94⅛ Aug 7	92⅜ Feb 15	95 July 11
138,000	Japan 5½s extl loan 1974	J-J	97¼	Sale	99¼	Sale	99½	--	97⅝ Aug 9	99½ Aug 20	97⅛ Jan 14	101⅝ Jun 25
238,000	5½s extl loan 1980	M-N	--	--	96⅜	Sale	96	96½	94¾ Aug 8	96⅜ Aug 1	94¾ Aug 8	98⅝ Jun 19
65,000	Japan Develop Bank 6s 1976	M-S	98⅛	98½	100	101	101⅞	--	99⅜ Aug 9	101¼ Aug 20	98 Jan 23	102¾ July 5
214,000	6s gtd external loan 1977	M-N	97¾	Sale	100¼	Sale	--	101¾	99⅜ Aug 9	102 Aug 20	97¼ Jan 7	102¾ Jun 4
300,000	6s gtd external loan 1978	F-A	—	—	100	Sale	99¾	101¾	99 Aug 15	101⅝ Aug 23	99 Aug 15	102¾ Jun 11
	Japanese (Imperial Govt)—											
----	△6½s extl loan of '24 1954	F-A	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
28,000	6½s due 1954 ext to 1964	F-A	101⅝	Sale	101 3/32	102½	101 1/8	102	101⅞ Aug 8	101 3/32 Aug 20	100¾ Jun 28	103 Jan 23
----	△5½s extl loan of '30 1965	M-N	--	--	--	--	--	--	-- ------	-- ------	217½ Apr 5	217½ Apr 5
26,000	5½s due 1965 ext to 1975	M-N	99¾	Sale	99½	--	98½	100	98½ Aug 12	100 Aug 29	98½ Jan 16	102½ Apr 22
----	*§△Jugoslavia 7s 1957	A-O	24⅝	26	26½	--	26½	--	-- ------	-- ------	24⅝ Jan 29	28 May 13
	KLM Royal Dutch Airlines—											
106,000	4¾s conv subord debs 1979	M-S	84	Sale	--	--	83	83¼	81 Aug 27	86½ Aug 2	81 Aug 27	89 Mar 20
	‡Kreuger & Toll class A—											
124,000	△5s uniform ctfs of dep 1959	M-S	¾	1⅛	1⅜	2½	1½	2½	1½ Aug 6	2 Aug 7	¾ Jan 24	2½ Jun 20
----	△Medellin (Colombia) 6½s '54	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
76,000	3s s f $ bonds 1978	J-J	57½	59	61½	63	61⅝	63	62 Aug 27	63 Aug 12	57½ Feb 19	63 Jun 19
276,000	Mexican (U S) 6¾s 1978	J-J	--	--	--	--	100⅜	Sale	98⅞ Aug 13	100⅝ Aug 28	98⅞ Aug 13	100⅝ Aug 28
----	*△Milan (City of) 6½s 1952	A-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
140,000	5½s extl loan 1978	J-J	--	--	--	--	95½	96⅛	95 Aug 16	96½ Aug 13	95 Aug 16	96½ Aug 13
	Minas Geraes (Brazil)—											
----	△Sec extl s f 6½s 1958	M-S	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2.125%) 2008	M-S	52¼	--	47	52	--	52	-- ------	-- ------	51½ Mar 18	54 Mar 28
----	△Sec extl s f 6½s 1959	M-S	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2.125%) 2008	M-S	42	48	--	52	--	52	50 Aug 9	52 Aug 5	46½ Feb 19	54 May 22
50,000	New Zealand (Govt) 5½s 1970	J-D	102	103	101	103	101⅜	103	101 Aug 15	102¾ Aug 14	99⅞ July 29	105¼ Jun 3
176,000	15-year 5¾s 1976	A-O	103	104	102	Sale	103½	Sale	101 Aug 15	103½ Aug 9	100 July 22	105½ May 21
523,000	15-year 5¼s 1977	M-N	98	Sale	100⅜	Sale	100	100½	99¼ Aug 16	100¾ Aug 6	98 Jan 2	101¼ July 1
	Nippon Tel & Tel Public—											
49,000	6s gtd dollar bonds 1976	A-O	95	98½	99	101¾	101	102⅞	99¾ Aug 12	101 Aug 13	98 Jan 18	103¾ Jun 6
63,000	6s gtd dollar bonds 1977	M-S	98½	Sale	100½	Sale	101	102⅝	99¾ Aug 9	101⅜ Aug 15	97¾ Jan 24	102⅝ May 21
	Norway (Kingdom of)—											
7,000	4¼s s f extl old 1965	A-O	100	100¾	100¼	101	100½	--	100¼ Aug 6	100½ Aug 15	100 Jan 11	101¼ May 15
39,000	4¼s s f extl new 1965	A-O	100¼	101	100¼	101¼	100	--	100¼ Aug 6	100½ Aug 6	100 Mar 22	101½ Jun 24
327,000	5¼s s f extl loan 1973	A-O	101⅝	102½	100½	101¼	99	101¾	99⅛ Aug 25	100¾ Aug 8	99 Apr 5	103½ Jan 9
90,000	5½s external loan 1976	M-N	102	103	99⅜	102	100⅛	102¼	98 Aug 16	101 Aug 6	98 Aug 16	103 Jan 3
239,000	5½s external loan 1977	F-A	102½	--	100	Sale	100	100½	98 Aug 15	100 Aug 1	98 July 23	103½ Jan 4
607,000	5¼s extl loan 1978	M-N	--	--	98⅜	Sale	97¼	98¼	96 Aug 14	98⅜ Aug 1	96 Aug 14	99 Jun 27
----	Municipal bank extl 5s 1970	J-D	97½	100	100⅝	--	100⅝	--	-- ------	-- ------	98¾ Feb 13	100 Feb 14
----	*△Nuremberg (City of) 6s '52	F-A	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Oriental Development Co Ltd—											
----	△5½s extl loan (30-yr) 1958	M-S	168	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
5,000	5½s due 1958 ext to 1968	M-N	98½	--	99½	--	99⅛	--	99 Aug 21	99 Aug 21	98 Jan 7	100½ Apr 17
36,000	Oslo (City of) 5½s extl 1973	J-D	102⅝	103½	100	102	100	--	97 Aug 21	101¼ Aug 8	97 Aug 21	104 Jan 15
20,000	5¾s s f extl loan 1975	J-D	104	104½	101	102½	101	--	101 Aug 8	101¼ Aug 7	101 July 26	106 Feb 5
79,000	5½s s f external loan 1977	A-O	101	101½	99½	100	100	101⅝	97 Aug 16	100 Aug 8	97 Aug 16	103 Jan 17
354,000	5¼s s f extl loan 1978	J-D	--	--	--	97	97	Sale	95¾ Aug 16	97¼ Aug 7	95¾ Aug 16	98¼ Jun 29
----	*△Pernambuco (State) 7s 1947	M-S	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2.125%) 2008	M-S	--	--	55¼	60	55⅜	--	55⅜ Aug 27	55⅜ Aug 27	49 Feb 4	57½ Jun 27
----	△Peru (Rep) sec s f 7s 1959	M-S	86	--	91½	--	91½	--	-- ------	-- ------	-- ------	-- ------
1,000	△Nat'l loan ext s f 6s 1960	J-D	86	--	91½	--	91½	--	91½ Aug 27	91½ Aug 27	86¼ Jan 18	91½ Mar 20
----	△Nat'l loan ext s f 6s 1961	A-O	86	--	91½	--	91½	--	-- ------	-- ------	-- ------	-- ------
----	*△Poland (Rep) gold 6s 1940	A-O	7¼	--	7¾	--	7¾	--	-- ------	-- ------	7 Mar 8	8 Jan 18
----	△4½s assented 1958	A-O	7	8½	7¼	8½	7½	7⅞	-- ------	-- ------	7 Jan 28	7¼ Jun 18
----	*△Stabilization loan 7s 1947	A-O	8	--	8⅝	--	8⅝	--	-- ------	-- ------	7 Apr 15	8⅝ Jan 18
22,000	△4½s assented 1968	A-O	7	Sale	7¼	7⅜	7½	--	7¼ Aug 2	8 Aug 26	7 Jan 2	8 Jun 27
----	*△External s f 8s 1950	J-J	8¼	15¾	8¼	--	8¾	--	-- ------	-- ------	7 Apr 8	8½ May 24
45,000	△4½ assented 1963	J-J	7	7¼	7⅛	7⅜	7½	7¾	7⅛ Aug 13	7¾ Aug 21	7 Jun 5	7¾ Jan 21
	Porto Alegre (City of)—											
	8s 1961 stamped pursuant to Plan A (interest reduced to 2.375%) 2001	J-D	58⅛	69	62½	69	62½	69	-- ------	-- ------	60 Mar 8	69 Jun 5
	7½s 1966 stamped pursuant to Plan A (interest red to 2.25%) 2006	J-J	57	Sale	50½	57	50½	53	-- ------	-- ------	49 Feb 28	57 Jan 2
	Rhodesia & Nyasaland—											
6,000	5¾s exterinal loan 1973	M-N	76½	78	77	79½	81	--	79 Aug 9	79½ Aug 16	73 May 3	79½ Mar 8
----	*△Rio de Janeiro (City) 8s '46	A-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2.375%) 2001	A-O	70	75	77	--	74	--	75 Aug 20	77 Aug 20	70 Jan 8	78 July 3
----	*△External sec 6½s 1953	F-A	—	—	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2%) 2012	F-A	54½	60	57	--	57¾	--	57½ Aug 12	57¾ Aug 16	54½ Jan 8	59 Apr 26
	Rio Grande du Sul (State of)											
----	*△8s extl loan of 1921 1946	A-O	--	--	--	--	55	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2.5%) 1999	A-O	60	64⅞	63¼	--	63¼	80	-- ------	-- ------	63 Feb 7	68 Apr 2
----	△6s extl s f gold 1968	J-D	--	--	--	--	55	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2%) 2012	J-D	62	65¾	65½	70	65½	66½	65½ Aug 14	65½ Aug 14	62¼ Jan 11	70 Jun 6
----	△7s extl loan of 1926 1966	M-N	--	--	--	--	55	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2.25%) 2004	M-N	55	--	62	72	63	72	64 Aug 23	64 Aug 23	58 Mar 18	70 May 8
	7s 1967 stamped pursuant to Plan A (interest reduced to 2.25%) 2004	J-D	58	60	57½	--	57½	--	-- ------	-- ------	60 Jan 18	61 Jan 21
----	*△Rome (City of) 6½s 1952	A-O	--	--	--	--	--	--	-- ------	-- ------	173 Feb 28	178 Jun 3
	Sao Paulo (City)—											
----	*△8s extl secured s f 1952	M-N	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2.375%) 2001	M-N	74	--	86	--	86	--	-- ------	-- ------	77½ Feb 6	90 July 23
----	△6½s extl secured s f 1957	M-N	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Stamped pursuant to Plan A (interest reduced to 2%) 2012	M-N	97	--	97½	--	97½	--	99 Aug 16	99 Aug 16	98 Feb 5	99 Aug 16
	Serbs Croats & Slovenes—											
3,000	△8s secured external 1962	M-N	24⅝	25¼	27⅝	35	28⅛	35	28 Aug 23	28 Aug 23	25 Jan 22	28 Aug 23
2,000	△7s series B sec extl 1962	M-N	25	26	26½	35	28	35	28 Aug 22	28½ Aug 23	24⅝ Feb 14	30 July 12
----	△Silesia (Prov) ext s f 7s '58	J-D	7⅝	--	7½	--	7½	--	-- ------	-- ------	7⅞ May 15	7⅞ May 15
----	△4½s assented 1958	J-D	7½	8½	6⅞	8¼	6⅞	8¼	-- ------	-- ------	6⅞ Feb 4	7⅝ May 7
	South Africa (Union of)—											
20,000	4¼s external loan 1965	J-D	98⅛	100¼	99	99½	99⅛	100	99 Aug 6	99½ Aug 7	98⅛ Jan 10	100 Mar 19
221,000	5½s extl loan Jan 1 1968	J-D	98⅝	Sale	99⅛	Sale	97¾	99½	98½ Aug 7	100 Aug 14	98½ Aug 7	100 Jan 17
71,000	5½s extl loan Dec 1 1968	J-J	98	99	91	99⅜	98½	103	98 Aug 16	98½ Aug 5	98 Aug 16	100¼ Feb 25
	South European Pipeline—											
187,000	5½s s f debs 1982	M-S	103½	Sale	104⅛	Sale	104	104¼	103¼ Aug 2	104½ Aug 16	102½ July 12	105¾ Jun 12
	So Italy Development Fund											
106,000	Gtd exter loan 5½s 1974	M-N	101¾	--	98	99	97½	--	97⅞ Aug 16	99½ Aug 2	97 July 23	103⅜ Mar 5

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Sales in August Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	Taiwan Elec Power Co Ltd—											
----	△5½s (40-yr) s f ____1971	J-J	--	--	--	--	--	--	-- ------	-- ------	216 July 23	216 July 23
17,000	5½s due 1971 ext to ___1981	J-J	100	Sale	100	--	100	--	100 Aug 12	100 Aug 12	99 Apr 23	100 Jan 2
	Tokyo (City of)—											
----	△5½s extl loan of '27 __1961	A-O	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
1,000	5½s due 1961 ext to ___1971	A-O	100	Sale	101¼	--	--	101½	101½ Aug 27	101½ Aug 27	99 Mar 18	101¾ Jun 12
	Uruguay (Republic)—											
	3¾-4-4⅛% ($ bonds '37)											
37,000	Extl readjustment ___1979	M-N	83⅞	Sale	87½	Sale	83	Sale	82¾ Aug 28	90 Aug 2	82¾ Aug 28	91½ Mar 20
6,000	Extl conversion ____1979	M-N	84	85	88	90	--	93	90 Aug 5	90 Aug 5	86 Mar 4	94 Apr 9
----	3⅞-4⅛-4⅛% ext conv 1978	J-D	--	97⅞	90	99	--	99	-- ------	-- ------	92 Mar 1	98 May 8
29,000	4-4¼-4½s extl readjust 1978	F-A	96	Sale	88	91	--	88	89 Aug 5	90¼ Aug 7	89 Aug 5	97 Jan 4
----	3½s extl readjustment 1984	J-J	--	93½	87	93¼	--	93¼	-- ------	-- ------	85 Mar 21	89½ May 6
	Valle Del Cauca—											
	See Cauca Valley (Dept of)											
----	*§△Warsaw (City) extl 7s 1958	F-A	7¼	--	7⅜	--	7⅝	--	-- ------	-- ------	7⅜ May 3	7½ Jan 9
8,000	*§△4½s assented ____1958	F-A	6½	8	7	7¼	7¼	--	7¼ Aug 5	7¼ Aug 5	6½ Jan 15	7¾ Apr 18
	Westphalia United Elec Power											
----	1st mtge 6s ser A ____1953	J-J	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
----	△Yokohama 6s of '26 ____1961	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
6,000	6s due 1961 ext to ____1971	J-D	100⅛	--	100⅛	Sale	100	--	100 Aug 5	100⅛ Aug 1	100 Jan 4	101⅞ July 18
	RAILROAD AND INDUSTRIAL COMPANIES											
	Air Reduction Co Inc—											
876,000	3⅞s conv subord debs __1987	F-A	107	Sale	103¼	Sale	106¾	Sale	103¼ Aug 1	107 Aug 29	101½ July 23	110⅞ Jan 15
----	Alabama Gt Southn 3¼s 1967	M-N	92⅛	95½	93¾	--	93¾	--	-- ------	-- ------	92½ Apr 17	93¾ July 15
4,000	Alabama Pwr 1st M 3½s 1972	J-J	94½	95¾	93⅞	95½	93⅞	95½	93⅞ Aug 21	93⅞ Aug 21	92 Apr 5	95½ Jan 3
----	1st mortgage 3⅛s ____1984	M-S	--	--	--	84	--	84	-- ------	-- ------	81½ Mar 20	81½ Mar 20
17,000	Albany & Susq RR 4½s __1975	J-J	96¼	--	96	--	96	--	96 Aug 6	96 Aug 6	96 Aug 6	96⅜ Mar 22
	Aldens Inc—											
418,000	5s conv subord debs ____1980	A-O	131⅞	Sale	119	Sale	120	Sale	114¾ Aug 5	122½ Aug 23	114¾ Aug 5	140½ May 22
----	5⅜s debentures ____1981	J-D	103¾	--	103½	--	103½	--	-- ------	-- ------	103 Jan 22	104½ Mar 13
	Allegheny Ludlum Steel—											
181,000	4s conv subord debs ___1981	A-O	99⅝	Sale	100¼	100¾	101¼	Sale	99 Aug 9	102 Aug 12	98½ Apr 25	102½ Jan 8
----	4¾s s f debentures ____1986	J-D	--	103½	--	--	--	--	-- ------	-- ------	102 Jan 11	103½ Jan 3
6,000	Allegheny & West 1st 4s __1998	A-O	60	64	66½	68¾	66¾	68¾	65 Aug 5	65⅛ Aug 7	61½ Jan 17	70 Jun 28
82,000	Allied Chem & Dry 3½s __1978	A-O	94	95	93	Sale	92¾	93¾	92¾ Aug 20	93 Aug 1	92¾ Aug 20	95 Feb 14
290,000	Allied Stores Corp 4½s ___1981	A-O	103¾	105	102½	Sale	101½	102¾	101½ Aug 21	103 Aug 2	101½ Aug 21	105 Feb 18
96,000	Alum Co of Amer 3⅛s ___1964	F-A	99½	100	99½	99⅞	99	Sale	99½ Aug 5	99⅞ Aug 6	99 July 19	100 Jan 3
20,000	3s s f debentures ____1979	J-D	88½	89	88¼	--	89	--	88¼ Aug 13	88½ Aug 5	88 Apr 16	90 Mar 25
227,000	4¼s s f debentures ____1982	J-J	101	Sale	99⅜	Sale	99⅜	Sale	99⅜ Aug 1	100½ Aug 6	99¼ July 22	101⅞ Jan 21
23,000	3⅞s s f debentures ____1983	A-O	96	98	94½	96½	95⅛	Sale	95 Aug 16	96½ Aug 13	94½ July 10	97½ Jan 23
43,000	Aluminum Co of Can 3⅞s 1970	M-N	99¼	--	99⅝	--	99½	--	99½ Aug 15	100 Aug 7	99¼ Jan 4	100 Mar 19
21,000	4½s s f debentures ____1980	A-O	101½	102¼	100¾	101¼	99½	--	100¾ Aug 29	101¾ Aug 19	100¾ Jun 19	102¾ Jan 10
----	American Airlines 3s debs 1966	J-D	96¾	97¼	96¾	97½	101¾	Sale	-- ------	-- ------	96¾ Apr 16	96¾ Apr 16
30,000	American Can Co 3¾s ___1988	A-O	93	93¾	--	93	92½	93¾	92¾ Aug 22	94⅛ Aug 2	92½ Jun 11	95 Feb 20
5,000	4¾s debentures ____1990	J-J	104½	--	104½	105¼	104⅞	--	104⅞ Aug 13	104⅞ Aug 13	104¼ Apr 9	106 May 21
443,000	American Distilling Co—											
	4⅜s conv subord debs __1986	M-N	107¼	Sale	107	107½	110	Sale	107 Aug 2	110¼ Aug 30	105 May 8	113½ Jan 24
542,000	Amer & Foreign Pwr 5s __2030	M-S	65¼	Sale	72½	Sale	74¾	Sale	72¼ Aug 2	75 Aug 29	65 Jan 2	78 May 9
370,000	4.80s junior debs ____1987	J-J	63	Sale	70⅛	Sale	71½	72	70 Aug 1	71½ Aug 20	63 Jan 2	75¾ May 9
	American Machine & Foundry											
497,000	4¼s conv subord debs __1981	M-S	90¾	Sale	92	Sale	92	Sale	90¼ Aug 7	92¾ Aug 26	90¼ Aug 7	98 Feb 18
	American Optical Co—											
189,000	4.40s conv subord debs 1980	A-O	122¾	Sale	125¼	Sale	138¼	139	125 Aug 1	138⅜ Aug 29	121½ Jan 9	138⅜ Aug 29
	American Sugar Co—											
328,000	5.30s subord debs ____1993	A-O	--	--	105½	Sale	105⅞	Sale	105¼ Aug 19	106¼ Aug 27	104¾ July 22	108 May 2
	American Tel & Tel—											
83,000	2¾s debentures ____1980	F-A	82	Sale	81⅛	Sale	80½	81¾	80½ Aug 29	81¾ Aug 21	80 May 7	83 Mar 13
145,000	2¾s debentures ____1975	A-O	86½	Sale	85¾	Sale	85⅛	Sale	85 Aug 29	86¼ Aug 27	85 Apr 11	88¼ Jan 14
92,000	2⅝s debentures ____1986	J-J	76½	77⅜	75¾	Sale	76⅜	Sale	75½ Aug 7	76⅜ Aug 30	74¾ May 13	77⅞ Jan 21
20,000	2¾s debentures ____1982	A-O	80½	81½	81½	Sale	81	82	80⅞ Aug 29	82 Aug 8	79⅛ Apr 15	82 Aug 8
7,000	2⅞s debentures ____1987	J-D	--	--	78½	79	--	--	78⅜ Aug 13	78½ Aug 9	78 Apr 11	80½ Jan 7
324,000	3⅜s debentures ____1973	J-D	93⅜	Sale	93	Sale	93¼	Sale	92¼ Aug 27	93¼ Aug 30	92¼ July 9	95⅜ Jan 18
81,000	2¾s debentures ____1971	F-A	91⅛	Sale	90¼	90¾	90½	90¾	90⅛ Aug 26	90¾ Aug 7	89¾ Jun 14	91¾ Feb 27
115,000	3¼s debentures ____1984	M-S	86⅝	Sale	85¼	86¼	85½	86	85¼ Aug 21	86¾ Aug 9	84¾ Apr 16	87½ Jan 8
157,000	3⅞s debentures ____1990	J-J	94½	Sale	92⅝	93	92⅞	93⅜	92¾ Aug 2	93¾ Aug 8	92½ Apr 22	96 Jan 16
841,000	4⅜s debentures ____1985	A-O	102½	Sale	101⅜	Sale	101⅜	Sale	100½ Aug 14	101¾ Aug 2	100½ Aug 14	103⅞ Jan 18
439,000	4¼s conv debs ____1973	M-S	316	Sale	330	Sale	344	Sale	329 Aug 5	345⅝ Aug 19	313 Jan 2	353 May 2
102,000	American Tob 3s debs ____1969	A-O	96	Sale	97½	Sale	97¾	Sale	97½ Aug 1	98 Aug 2	96 Jan 2	98 May 15
46,000	3¼s debentures ____1977	F-A	92¼	--	92	Sale	91⅛	92	91 Aug 15	92 Aug 1	91 Aug 15	92½ Jan 8
8,000	Anheuser Busch Inc 3⅜s 1977	A-O	91½	92½	91	92¼	90⅝	97½	90⅝ Aug 16	92 Aug 12	90⅝ Aug 16	93 Jan 30
5,000	Ann Arbor 1st g 4s __July 1995	Q-J	58	63½	69	70¾	69	--	70 Aug 8	70 Aug 8	63¼ May 7	70¾ July 1
11,000	Apco Oil Corp 5¾s ____1981	A-O	100⅜	--	101	102¼	101¾	102½	101¼ Aug 6	102½ Aug 26	101 Jan 3	104½ May 17
	Armco Steel Corp—											
45,000	4.35s s f debentures ____1984	A-O	102	--	99¾	101	100¼	101¼	99½ Aug 8	101¼ Aug 19	99½ Aug 8	102¾ Mar 12
----	4½s s f debentures ____1986	J-D	102½	--	--	--	--	102½	-- ------	-- ------	102 Jun 13	104 Mar 4
	Armour & Company—											
407,000	△5s inc subord debs ___1984	M-N	91½	Sale	98¼	Sale	96¼	Sale	95 Aug 16	98½ Aug 1	91½ Jan 2	98½ July 29
366,000	4½s conv subord debs __1983	M-S	106⅞	Sale	107	Sale	107⅛	Sale	106½ Aug 6	107¾ Aug 9	105½ Feb 26	111½ May 3
	Ashland Oil & Ref—											
1,165,000	3⅞s conv subord debs 1993	F-A	--	--	106	Sale	109¼	Sale	106 Aug 1	109½ Aug 30	101⅝ Mar 21	111½ May 14
15,000	Associates Invest 4½s ____1976	F-A	101¼	Sale	--	102	100	102	100 Aug 5	101 Aug 2	100 July 31	102 Feb 1
7,000	5¾s subord debs ____1977	J-D	105½	106¾	106	--	--	105¾	105¾ Aug 9	106 Aug 9	105¼ Feb 7	108⅛ July 9
8,000	5¼s debentures ____1977	F-A	106	--	104½	106¾	--	106¾	104 Aug 15	104½ Aug 15	104 Aug 15	107½ Mar 18
----	5⅛s debentures ____1979	F-A	101	101¾	102¾	105	102¾	105	-- ------	-- ------	104 May 7	104¾ Jan 11
14,000	4½s debentures ____1983	A-O	101	101¾	100½	101¼	100½	Sale	100½ Aug 28	101 Aug 25	100½ July 31	103¼ Jan 15
193,000	4⅜s debentures ____1984	M-N	--	--	98¾	Sale	98⅛	Sale	98⅛ Aug 30	99 Aug 7	98⅛ Aug 30	99 Aug 7
	Atchison Top & Santa Fe—											
107,000	General gold 4s ____1995	A-O	96	Sale	95	Sale	94½	Sale	94½ Aug 27	95¾ Aug 20	94 Apr 23	96⅞ Jan 3
38,000	Stamped 4s ____July 1995	M-N	86	Sale	89	90½	90	--	89 Aug 20	90½ Aug 14	89 July 31	92⅜ Jan 13
	Atlanta & Charlotte Air Line—											
----	¶1st mortgage 3¾s ___1963	M-N	99¾	100	99⅝	--	--	--	-- ------	-- ------	99⅛ May 16	100 Jan 3
	Atlantic Coast Line—											
26,000	Gen unified 4½s ser A 1964	J-D	100⅞	101½	100	100½	100	Sale	100 Aug 2	100¼ Aug 29	99½ July 25	102⅜ Jun 17
30,000	Gen mtge 4s ser A ____1980	M-S	92⅜	--	91½	92	90½	92	91 Aug 15	92 Aug 22	91 Aug 15	94 Apr
2,000	Gen mtge 4¼s ser C __1972	J-J	96	--	95½	97⅛	95	--	95½ Aug 9	95½ Aug 9	95½ Aug 9	98 Mar 15
----	Gen mtge 3⅝s ser D __1980	M-S	80	--	82½	--	82½	--	-- ------	-- ------	81 Jun 6	81 Jun 6
375,000	Gen mtge 4.95s ser E __1988	J-J	--	--	102	102⅝	102⅛	103	102 Aug 2	102½ Aug 27	101¾ July 24	102½ Aug 27
48,000	Atlantic Refin 2⅝s debs 1966	J-J	96½	96¾	96½	97¼	96½	Sale	96½ Aug 8	96⅞ Aug 22	96½ Jan 7	97⅜ Mar 12
20,000	3¼s debentures ____1979	J-J	90¾	--	89	--	89	--	89¼ Aug 21	89¼ Aug 21	89⅛ July 24	91 Feb 27
579,000	4½s conv subord debs __1987	F-A	112½	Sale	113¾	Sale	116	Sale	113⅜ Aug 1	116⅜ Aug 23	111⅜ Jan 3	118¼ Apr 18
	Automatic Canteen Co of Amer											
246,000	4¾s conv subord debs __1981	J-J	95¾	Sale	99¾	Sale	99½	Sale	97½ Aug 15	100 Aug 1	95 Jan 7	102 May 15
	Avco Manufacturing Corp—											
396,000	5s conv subord debs ___1979	F-A	214½	Sale	224¼	Sale	230	Sale	18 Aug 19	232⅞ Aug 30	208 Mar 4	252½ Jun 12
	Baltimore & Ohio RR Co—											
36,000	1st cons mtge 3⅞s ser A 1970	F-A	81⅞	Sale	86¼	87⅝	85⅝	Sale	85½ Aug 27	87¼ Aug 13	81⅞ Jan 2	88 May 24
246,000	1st cons mtge 4s ser B __1980	M-S	71½	Sale	74	74¾	74¼	Sale	73 Aug 22	75¼ Aug 27	68½ Mar 28	77¾ May 24
189,000	1st cons mtge 4¼s ser C 1995	A-O	70	Sale	75½	Sale	77	77½	75½ Aug 1	77⅜ Aug 28	68 Jan 22	78½ Jun 10
213,000	△Conv 4½s inc __Feb 1 2010	May	78	Sale	88	89	89⅞	Sale	86¼ Aug 6	90 Aug 19	72 Jan 18	92¾ July 16
243,000	4½s conv debs ser A ___2010	J-J	67	Sale	71¾	73	72	Sale	71⅝ Aug 8	72⅞ Aug 6	64¼ Jan 16	78 Feb 28
	Baltimore Gas & Elec Co—											
----	1st ref mtge 3s ser Z __1989	J-J	80	--	--	--	79	--	-- ------	-- ------	79 Jun 3	81 Feb 7
8,000	1st ref mtge 3¼s ____1990	J-D	80⅝	--	--	82	82	87¼	82 Aug 2	82 Aug 2	82 Apr 17	86 Jan 25
----	1st ref mtge s f 4s ____1993	M-S	95	96½	93½	94¾	--	95	-- ------	-- ------	93½ July 30	96¼ Feb 12
154,000	4¼s conv debentures ___1974	J-J	136½	Sale	137¼	141	145	146½	136¾ Aug 5	147 Aug 29	135½ Jan 7	150 Feb 7
	Baxter Laboratories Inc—											
116,000	4s conv subord debs ____1982	A-O	109¾	Sale	110	Sale	112	Sale	110 Aug 1	112 Aug 28	106 Feb 27	112 Jun 14

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Sales in August Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Ask	PRICES IN AUGUST — Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
10,000	Beneficial Finance 5s 1977	M-N	104½	--	103½	--	103¾	105	103¾ Aug 20	105 Aug 28	103½ July 29	105½ Jan 18
8,000	4⅞s debentures 1981	J-D	105	Sale	103	105½	103	105½	103 Aug 20	103 Aug 20	102 July 24	105⅛ Jan 8
	Bethlehem Steel Corp—											
14,000	Cons mtge 2¾s ser I 1970	J-J	91½	92	91⅜	Sale	91⅛	--	91⅛ Aug 8	91⅜ Aug 1	91 Feb 27	92¼ Jan 17
----	Cons mtge 2¾s ser J 1976	M-N	85¼	--	85	--	85	--	-- ------	-- ------	85 July 26	88 Apr 1
1,000	Cons mtge 3s ser K 1979	J-J	87½	--	85½	--	85½	--	85½ Aug 14	85½ Aug 14	85⅛ July 18	87½ Jan 8
193,000	3¼s conv debentures 1980	M-N	97½	Sale	101½	Sale	104	Sale	101 Aug 9	106 Aug 16	97¼ Jan 2	112 Apr 15
	Boeing Airplane Co—											
484,000	4½s conv subord debs 1980	J-J	102¼	Sale	98¼	Sale	101½	Sale	98 Aug 8	101½ Aug 30	96½ July 26	106 Feb 26
----	Borden Co 2⅞s debs 1981	M-S	84⅞	85½	86½	--	86¾	--	-- ------	-- ------	84¾ Jan 17	87 Mar 27
26,000	4⅜s s f debentures 1991	J-D	103¼	104⅛	--	--	--	--	101 Aug 20	102 Aug 13	101 Aug 20	104⅛ Jan 28
	Boston & Maine RR—											
57,000	1st 5s series AC 1967	M-S	36	42¾	47¼	48½	50⅛	51½	48½ Aug 2	53 Aug 12	41½ Jan 7	53 Aug 12
462,000	ΔInc M 4½s Ser A July 1970	May	17	Sale	17½	Sale	18	19½	16⅝ Aug 26	21⅝ Aug 8	16⅝ July 25	23¼ Mar 11
655,000	1st mtge 6s series ss 1965	F-A	46¼	Sale	52⅜	Sale	53	Sale	57½ Aug 14	59 Aug 9	46⅛ Jan 2	59 Aug 9
----	Bristol-Myers Co 3s debs 1968	A-O	96⅛	--	97½	--	97½	--	-- ------	-- ------	97 Jan 7	97¾ July 24
	Brooklyn Union Gas Co—											
8,000	General mtge 2⅞s 1976	J-J	84¼	Sale	84½	Sale	84⅝	--	84⅜ Aug 1	84⅝ Aug 22	84¼ Jan 2	85¾ Jan 18
----	1st mortgage 3s 1980	J-J	77½	--	78¾	Sale	78¾	--	-- ------	-- ------	-- ------	-- ------
5,000	1st mortgage 4⅛s 1983	M-N	98⅛	--	95	98½	96	--	96½ Aug 6	96½ Aug 6	95 July 22	99 Feb 25
----	1st mortgage 4⅜s 1988	M-S	--	--	--	100¾	--	100¾	-- ------	-- ------	99¼ July 9	101¼ May 13
----	Brown Shoe Co 3½s debs 1971	J-J	96⅛	--	95¾	--	95¾	--	-- ------	-- ------	95⅞ Mar 12	96⅞ Jan 9
	Brunswick Corp—											
472,000	4½s conv subord debs 1981	J-J	91⅛	Sale	89½	Sale	87⅛	Sale	85¼ Aug 6	90¼ Aug 2	85¼ Aug 6	96½ Apr 11
15,000	Buffalo Niag Elec 2¾s 1975	M-N	85½	86¼	85⅛	--	85¼	--	85¾ Aug 13	85¾ Aug 13	85 July 10	86½ Jan 14
	Burroughs Corp—											
412,000	4½s conv subord debs 1981	J-D	109⅞	Sale	108¼	Sale	107½	Sale	106 Aug 9	109 Aug 12	105½ Apr 19	114¾ Jan 24
1,000	California Elec Power 3s 1976	J-D	--	87	85¼	--	85¼	--	85¼ Aug 8	85¼ Aug 8	84½ Jun 14	87 Jan 14
	Canadian Pacific Ry—											
163,000	4% consol deb (perpetual)—	J-J	77	Sale	81¼	Sale	78¾	80	78¼ Aug 23	81½ Aug 2	76½ Jan 2	85½ Jun 25
12,000	Caro Clinch & Ohio 4s 1965	M-S	100	100½	99⅞	--	99⅞	100⅛	99¾ Aug 16	99⅞ Aug 16	99½ Apr 15	100½ Jan 3
5,000	Carthage & Adir Ry 4s 1981	J-D	54	60½	60	66	63⅛	Sale	63⅛ Aug 30	63⅛ Aug 30	55 Jan 18	66 July 15
11,000	Case (J I) Co 3½s debs 1978	F-A	57¼	61½	69½	75	74	75½	69½ Aug 7	75 Aug 27	57½ Feb 1	75 Aug 27
607,000	5½s conv subord debs 1983	A-O	74	Sale	81¾	Sale	86	Sale	80½ Aug 8	86 Aug 26	73¼ Jan 2	88½ May 31
33,000	Caterpillar Tractor 4½s 1977	M-N	103½	104½	102¼	103⅜	103	103¼	102½ Aug 6	103¼ Aug 14	102 July 19	105 Jan 10
24,000	4⅝s s f debentures 1986	J-D	105	Sale	--	104½	104	104⅝	104 Aug 9	104⅝ Aug 29	104 Apr 10	106 Feb 28
21,000	Celanese Corp 3s debs 1965	A-O	97¼	98½	98	98½	98	98¾	98 Aug 14	98¾ Aug 21	97½ Jan 30	98⅞ July 10
32,000	3½s debentures 1976	A-O	91	Sale	90¼	91½	90⅝	91¼	90⅝ Aug 9	90¾ Aug 9	89⅞ Apr 16	91¼ Jan 14
	Central of Georgia Ry—											
79,000	1st mtge 4s series A 1995	J-J	78¼	79	80¼	Sale	80¾	Sale	80¼ Aug 1	81½ Aug 16	77½ May 7	82 Feb 20
----	ΔGen mtge 4½s ser A 2020	May	81½	--	92⅝	--	--	--	-- ------	-- ------	82 Feb 6	82 Feb 6
68,000	ΔGen mtge 4½s ser B 2020	May	72⅜	75	76¾	78	77	77½	76¼ Aug 22	77½ Aug 29	71¼ Apr 22	80 Jun 18
	Central Illinois Light Co—											
35,000	4¼s conv debentures 1974	J-D	118¼	Sale	125½	126½	124	Sale	124 Aug 30	127 Aug 20	117¼ Jan 29	127½ Apr 23
719,000	Cent RR Co of N J 3¼s 1987	J-J	40¼	Sale	45¼	Sale	45	Sale	44 Aug 13	45⅜ Aug 2	40¼ Jan 2	47½ Jun 24
17,000	Cent N Y Pwr gen mtg 3s 1974	A-O	88½	--	88½	89⅜	88½	90	88 Aug 14	89 Aug 2	87⅞ Apr 18	91 Jan 8
	Central Pacific Ry—											
5,000	1st & ref 3½s ser A 1974	F-A	86	--	87⅝	--	87⅝	--	87⅝ Aug 8	87⅝ Aug 8	86 Jan 23	87⅝ Aug 8
5,000	1st mtge 3⅝s ser B 1968	F-A	94	--	95⅛	--	95⅛	--	95⅛ Aug 27	95⅛ Aug 27	95⅛ Apr 8	96 Feb 19
	Cerro de Pasco Corp—											
270,000	5½s conv subord debs 1979	M-N	101	Sale	108¾	Sale	113½	Sale	108¾ Aug 1	114½ Aug 13	100½ Jan 2	114½ Aug 13
	Chadbourn Gotham Inc—											
14,000	5.90s conv sub debs ww 1971	A-O	103	106	97⅛	100	94⅝	--	94 Aug 21	97⅛ Aug 6	94 Aug 21	110 Jan 11
63,000	Without warrants	A-O	98	101	96¾	98	94⅛	Sale	92½ Aug 20	96¾ Aug 2	92½ Aug 20	105 Jan 11
33,000	6s conv sub debs ww 1974	A-O	103	106	--	102	97½	Sale	95 Aug 21	97½ Aug 30	95 Aug 21	111 Jan 24
116,000	Without warrants	A-O	98	101⅞	96½	99	96	Sale	94 Aug 12	97¼ Aug 5	94 Aug 12	106 Jan 15
	Champion Paper & Fibre—											
2,000	3¼s debentures 1965	J-J	97½	--	98	98½	98	99	98½ Aug 16	98½ Aug 16	98½ July 19	98⅝ Mar 12
2,000	3¾s debentures 1981	J-J	91½	--	92⅛	--	92½	--	92½ Aug 12	92½ Aug 12	92⅛ May 23	92½ Mar 14
19,000	4½s conv subord debs 1984	J-J	107	110	105	107	107	Sale	106⅛ Aug 9	107 Aug 30	104⅞ Mar 14	112 Jun 6
	Chesapeake & Ohio Ry—											
19,000	General gold 4½s 1992	M-S	98⅞	Sale	98⅛	Sale	98½	99⅞	98⅛ Aug 1	99⅛ Aug 12	98 May 27	101 July 12
26,000	Ref & imp 3½s ser D 1996	M-N	83⅜	--	83	85	83¼	84¾	83 Aug 8	86¼ Aug 13	82 Feb 12	86¼ Aug 13
23,000	Ref & imp 3½s ser E 1996	F-A	82	--	85	--	85⅞	--	85⅝ Aug 7	86¼ Aug 13	82 Jan 3	86¼ Aug 13
30,000	Ref & imp M 3⅞s ser H '73	J-D	95	Sale	96½	Sale	95	96	95 Aug 9	96½ Aug 1	95 Jan 2	98 Mar 5
6,000	R & A div 1st cons 4s 1989	J-J	85⅝	--	89	Sale	89	--	89 Aug 1	89 Aug 1	86¼ Jan 28	89 Aug 1
----	2nd cons gold 4s 1989	J-J	80⅝	--	83⅛	--	83⅛	--	-- ------	-- ------	80⅝ Jan 21	82 Jun 10
	Chic Burlington & Quincy—											
10,000	1st & ref mtge 3⅛s 1985	F-A	85⅝	--	86	--	86	--	86 Aug 6	86½ Aug 20	85⅝ Feb 1	86½ Aug 20
1,000	1st & ref mtge 2⅞s 1970	F-A	86½	--	87¾	--	87⅝	90	89⅛ Aug 8	89⅛ Aug 8	86½ Jan 9	89⅞ Jun 27
----	1st & ref mtge 3s 1990	F-A	78	--	80	--	80	--	-- ------	-- ------	82 May 27	82 May 27
----	1st &ref mtge 4⅜s 1978	F-A	94½	--	97	97¼	97	--	-- ------	-- ------	94½ Jan 25	97⅛ May 23
	Chicago & Eastern Ill RR—											
147,000	ΔGen M inc 5s (conv) 1997	April	58	59⅜	76½	Sale	76⅛	Sale	76 Aug 30	77 Aug 13	59⅜ Jan 3	77 Aug 13
23,000	1st mtge 3¾s ser B 1985	M-N	64¾	--	72	75½	75½	--	75 Aug 5	75½ Aug 14	68 Mar 29	75½ Aug 14
584,000	Δ5s income debs Jan 2054	M-N	29	Sale	43¾	Sale	49⅜	Sale	43⅝ Aug 1	49½ Aug 29	29 Jan 2	49½ Aug 29
27,000	Chicago & Erie 1st g 5s 1982	M-N	71	73	67½	71½	68⅛	71	68⅛ Aug 28	70 Aug 5	68⅛ Aug 28	77 Mar 6
27,000	Chic Gt Western 4s ser A 1988	J-J	74⅞	Sale	81	Sale	81	Sale	81 Aug 1	83 Aug 15	73⅛ Jan 7	84 Jun 6
58,000	ΔGen inc M 4½s Jan 2038	April	62¾	Sale	68	68⅞	69¼	Sale	68 Aug 7	70 Aug 20	60¼ Mar 22	70¼ July 10
	Chic Ind'polis & Loisv Ry—											
67,000	Δ1st M inc 4s ser A Jan '83	April	48¼	Sale	54¼	55	55	56	52 Aug 14	56 Aug 25	45 Apr 2	59⅞ Feb 18
105,000	Δ2d M inc 4½s A Jan 2003	April	36	Sale	60½	--	62⅛	65	60½ Aug 2	63½ Aug 20	36 Jan 2	63½ Aug 20
	Chic Milw St Paul & Pac—											
9,000	4s series A 1994	J-J	77¾	78¼	81⅛	82	80	82	79½ Aug 15	81⅛ Aug 2	77½ Jan 3	82¼ Jun 24
3,000	4½s series A Jan 2019	April	78⅛	79	79½	82	78	82	79 Aug 20	79½ Aug 15	78½ Feb 11	82¼ May 1
160,000	4½s conv inc ser B Jan 2044	April	56⅛	Sale	62½	63½	66½	Sale	62⅜ Aug 7	66½ Aug 30	56⅛ Jan 2	68 May 27
751,000	Δ5s inc debs ser A 2055	M-S	54¼	Sale	62¾	Sale	65½	Sale	62¾ Aug 1	65½ Aug 30	54 Jan 3	65½ Aug 30
	Chic & North Western Ry—											
1,837,000	Δ2d M cv inc 4½s Jan 1999	April	49	Sale	70	Sale	73½	Sale	70 Aug 1	73½ Aug 29	49 Jan 2	73½ Aug 29
1,000	1st mtge 3s series B 1989	J-J	51⅝	53	58	60⅞	60	60⅞	60 Aug 22	60 Aug 22	53½ Jan 16	61 July 8
	Chicago Rock Island & Pacific											
----	RR 2⅞s series A 1980	J-J	71⅝	--	91½	--	90½	--	-- ------	-- ------	71½ Jan 24	71⅝ Jan 24
5,000	4½s income debentures 1995	M-S	76¾	--	84⅛	85½	84	85½	84 Aug 22	84 Aug 22	77 Feb 25	86 Jun 3
27,000	1st mtge 5½s series C 1983	F-A	102	105	105	--	105	--	105 Aug 9	105 Aug 9	101 Apr 10	105 Jun 6
	Chic T H & Southeast—											
1,000	1st & ref M 2¾s-4¼s 1994	J-J	55⅜	57⅞	62⅝	--	64⅝	66½	64⅝ Aug 27	64⅝ Aug 27	58 Jan 3	64⅝ Aug 27
----	Income 2¾s-4¼s 1994	J-J	51⅞	55	60½	62⅛	60½	62⅛	-- ------	-- ------	55 Jan 3	62½ Feb 28
	Chicago & Western Ind RR—											
----	1st coll tr M 4⅜s ser A 1982	M-N	100	--	--	99¾	--	99⅜	-- ------	-- ------	99½ May 7	100 Jan 7
	Chock Full O'Nuts Corp—											
88,000	4½s conv subord debs 1981	M-N	103½	Sale	101	101½	102	Sale	100¼ Aug 5	102 Aug 21	100 July 30	106¾ Jan 23
	Cincinnati Gas & Elec—											
43,000	2nd mtge 2¾s 1975	A-O	85¾	--	85¾	Sale	85⅝	86½	85½ Aug 5	86¼ Aug 2	84⅝ July 23	86½ Jan 18
----	1st mtge 2⅞s 1978	J-J	--	--	81	--	81	--	-- ------	-- ------	-- ------	-- ------
----	1st mtge 4⅛s 1987	M-N	98	--	--	96	--	--	-- ------	-- ------	96 July 18	100⅜ Feb 11
	Cincinnati Union Term—											
8,000	1st mtge gtd 3⅜s ser E 1969	F-A	95¾	96½	92⅜	--	92⅝	--	92⅜ Aug 2	92⅝ Aug 12	92 July 11	96½ Jan 23
----	1st mtge 2¾s series G 1974	F-A	86	--	86	--	86	--	-- ------	-- ------	86 Jan 15	87½ Mar 4

For footnotes, see page 95.

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Sales in August Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	C I T Financial Corp—											
49,000	3⅝s debentures 1970	M-S	96¾	Sale	95½	Sale	95¼	Sale	95¼ Aug 1	95¾ Aug 23	95¼ Aug 1	98⅜ Jan 28
215,000	4¼s debentures 1971	A-O	101¼	Sale	100¼	Sale	99¾	Sale	99½ Aug 26	101 Aug 9	99½ Aug 26	102¾ Jan 17
83,000	Cities Service 3s s f debs 1977	J-J	86½	87	85¾	Sale	85¾	Sale	85⅝ Aug 1	86⅛ Aug 13	85⅝ July 2	87¾ Mar 11
	City Products Corp—											
465,000	5s conv subord debs 1982	J-D	105	Sale	109½	Sale	114½	117	109⅛ Aug 1	116⅞ Aug 29	105 Jan 2	116⅞ Aug 29
	Cleve Cinc Chicago & St L—											
2,000	General gold 4s 1993	J-D	62½	Sale	67⅛	--	67⅛	--	67⅛ Aug 6	67⅛ Aug 6	62½ Jan 2	68 Apr 26
----	General 5s series B 1993	J-D	76	80	79¼	--	--	--	-- ------	-- ------	79½ Jun 21	80 Apr 25
72,000	Ref & impt 4½s ser E 1977	J-J	72¾	Sale	81	Sale	81	Sale	80 Aug 15	82 Aug 22	72¾ Jan 2	84 July 5
22,000	Cinc W & M Div 1st 4s 1991	J-J	53½	59	--	62	62½	--	61¼ Aug 14	62½ Aug 28	56 Jan 22	64⅞ Jun 17
----	St L Div 1st coll tr 4s 1990	M-N	80¾	85	83⅛	--	83⅛	--	-- ------	-- ------	81 Jan 21	85 Feb 20
118,000	Cleveland Elec Illum 3s 1970	J-J	93¼	Sale	93⅞	94¼	--	--	93 Aug 29	94¾ Aug 21	92½ Jun 14	94¾ Aug 21
5,000	1st mortgage 3s 1982	J-D	80⅛	--	81	--	81	--	82¼ Aug 22	82¼ Aug 22	80⅛ Jan 22	82¼ Aug 22
----	1st mortgage 2¾s 1985	M-S	72⅛	--	71	--	71	--	-- ------	-- ------	76 July 24	78¼ Jan 28
----	1st mortgage 3⅜s 1986	J-D	82	--	86⅜	--	86⅜	--	-- ------	-- ------	85 May 31	88 Jan 29
10,000	1st mortgage 3s 1989	M-N	78	80	78	85	78⅛	--	78⅛ Aug 9	78⅛ Aug 9	78⅛ Aug 9	80⅞ Mar 13
----	1st mortgage 3⅞s 1993	M-S	94⅜	95¼	92¼	--	92¾	--	-- ------	-- ------	92¼ July 8	97 Feb 5
6,000	1st mortgage 4⅜s 1994	A-O	101	102½	101	101½	101	101½	101 Aug 12	101 Aug 12	100⅛ Jun 27	103½ Feb 8
	Colorado Fuel & Iron Corp—											
203,000	4⅞s ser A s f conv debs 1977	J-J	81	Sale	86¾	Sale	84	85½	84 Aug 22	87 Aug 2	81 Jan 2	87½ Jun 14
	Columbia Gas System Inc—										88 Apr 22	91 Feb 26
----	3s debentures series A 1975	J-D	89½	Sale	88	90	88	88¾	-- ------	-- ------	88 July 22	90 Jan 17
9,000	3s debentures series B 1975	F-A	89½	92	88	91½	88	91½	88 Aug 2	88 Aug 2	89⅝ Jan 14	90¾ Jun 13
7,000	3⅜s debentures ser C 1977	A-O	89⅝	91½	89½	--	90½	--	90½ Aug 12	90½ Aug 12	90¾ May 21	92¾ Mar 5
8,000	3½s debentures ser D 1979	J-J	91¼	Sale	91⅛	--	91¼	--	91⅛ Aug 7	91¼ Aug 21	92½ Apr 19	93¼ Jan 28
17,000	3⅝s debentures ser E 1980	M-S	92½	93	92½	94	92⅝	Sale	92½ Aug 6	93 Aug 26	94⅝ Feb 28	96½ Jan 29
12,000	3⅞s debentures ser F 1981	A-O	95	96¼	94¾	97	95	97	94¾ Aug 5	95 Aug 12	102 Jun 7	104½ Apr 5
40,000	4¾s debentures ser G 1981	A-O	104	--	103¾	--	102¾	--	102¼ Aug 13	103¾ Aug 5	103¼ Feb 14	106⅞ Jun 10
40,000	5s debentures series I 1982	O-A	103⅝	105¾	104½	--	104½	--	104 Aug 23	105⅛ Aug 13	99 July 15	102½ Feb 28
27,000	4⅜s debentures ser J 1983	M-S	100	100½	99¾	100½	99¼	Sale	99¼ Aug 30	100½ Aug 8	103 July 25	105 Jun 26
2,000	4⅞s debentures ser K 1983	O-A	101¼	104⅜	103	105½	98½	105½	103⅜ Aug 12	103⅜ Aug 12	104¾ Jan 2	106¾ May 16
48,000	5⅛s debentures ser O 1985	A-O	104¾	Sale	104½	106½	104½	--	104¾ Aug 12	106¼ Aug 26	98¼ Jan 8	99⅛ Jun 20
----	3½s conv subord debs 1964	M-N	97½	--	99	--	98½	--	-- ------	-- ------		
	Columbus & Sou-Ohio Elec—											
11,000	1st mortgage 3¼s 1970	M-S	93½	94½	--	--	92⅞	--	92⅞ Aug 28	93 Aug 12	92⅞ Aug 28	95 Jan 30
----	1st mortgage 3⅝s 1983	M-N	--	--	--	--	--	--	-- ------	-- ------	86½ Jan 24	86½ Jan 24
----	1st mortgage 3¾s 1986	A-O	--	--	--	--	--	--	-- ------	-- ------	91 Jun 13	91⅛ Apr 30
9,000	1st mortgage 4½s 1987	M-S	101⅞	--	100⅞	--	100	--	100 Aug 7	101 Aug 19	100 July 3	102⅝ May 21
	Compustion Engineering Inc—											
529,000	3⅜s conv subord debs 1981	J-D	100¾	Sale	104	105	108½	Sale	103⅛ Aug 5	108¾ Aug 29	100½ Jan 2	110 May 22
	Commonwealth-Edison Co—											
89,000	1st mortgage 3s ser L 1977	F-A	88½	Sale	86¼	Sale	87	Sale	86¼ Aug 1	87½ Aug 16	86¼ Jun 21	89¼ Jan 4
----	1st mortgage 3s ser N 1978	J-D	86½	87¾	--	--	--	86	-- ------	-- ------	84¾ July 10	88 May 15
----	3s s f debentures 1999	A-O	77	80	78⅝	81½	77	81½	-- ------	-- ------	78½ Jan 18	79⅝ Feb 5
2,000	2¾s s f debentures 1999	A-O	72⅛	--	73½	77¾	73⅛	77¾	73⅛ Aug 26	73⅛ Aug 26	72⅛ Jan 8	73½ July 2
10,000	2⅞s s f debentures 2001	A-O	76	78	76¾	79	76¾	79	76¾ Aug 23	76⅞ Aug 19	75 Apr 5	76⅞ Aug 19
	Consolidated Edison Co N Y—											
	1st & refunding mortgage											
13,000	2¾s series A 1982	M-S	80⅜	80⅞	80½	--	79	Sale	78⅝ Aug 30	80½ Aug 15	78⅝ Aug 30	82 Mar 25
1,000	2⅝s series B 1977	A-O	83⅛	83⅞	82½	84	82½	84	82½ Aug 22	82½ Aug 22	81½ July 12	84 July 3
11,000	2¾s series C 1972	J-D	90½	--	88½	89	89	--	88⅜ Aug 22	89½ Aug 8	87½ July 11	90⅞ Feb 21
18,000	3s series D 1972	M-N	--	--	91	91¼	89½	89¾	89¾ Aug 23	91 Aug 12	89½ July 11	92 Jan 25
33,000	3s series E 1979	J-J	85	--	84½	85½	85¼	--	85¼ Aug 8	85¼ Aug 8	84½ Jun 14	86¾ Jan 3
19,000	3s series F 1981	F-A	85½	--	83	83¾	83	84½	83 Aug 8	83½ Aug 14	82⅜ Jun 13	85½ Jan 24
15,000	3¼s series G 1981	M-N	88⅛	Sale	86⅛	86¾	85½	87	86¾ Aug 9	87⅜ Aug 12	84¼ May 20	89 Feb 15
9,000	3⅜s series H 1982	M-S	89	89⅞	87¼	88⅝	87½	88⅝	87½ Aug 23	87⅝ Aug 13	87⅜ Jun 10	89⅞ Jan 7
42,000	3½s series I 1983	F-A	90¼	90¾	89	90¾	90	91¼	89 Aug 13	90 Aug 29	88 Apr 19	91½ Feb 13
3,000	3⅜s series J 1984	J-J	--	--	86⅞	87¾	87	Sale	87 Aug 30	87 Aug 30	86¼ May 3	89 Jan 14
44,000	3⅜s series K 1985	J-D	88¼	89	85¾	87	86¼	--	86¼ Aug 26	87 Aug 7	85¾ Jun 7	88⅞ Jan 15
----	3⅝s series L 1986	M-N	90¾	--	--	--	--	90	-- ------	-- ------	88 May 29	92⅜ Feb 7
69,000	4¼s series M 1986	A-O	101½	102½	102⅛	Sale	99½	100½	100 Aug 22	102¼ Aug 8	98¾ Apr 26	102½ Jan 4
41,000	5s series N 1987	A-O	105¼	Sale	107	Sale	106	107	105⅛ Aug 12	107 Aug 1	105⅛ Jan 3	107⅜ Jun 27
79,000	4s series O 1988	J-D	97	99¾	95⅞	Sale	96½	Sale	95¼ Aug 6	96½ Aug 26	94½ July 12	99⅜ Jan 11
1,000	4¾s series R 1990	J-D	105	Sale	--	105	105	Sale	105 Aug 30	105 Aug 30	104¼ Apr 23	106 May 7
27,000	5s series S 1990	J-D	106¾	--	106⅝	108	106½	Sale	106½ Aug 7	106½ Aug 7	105½ July 26	109 July 2
5,000	4¾s series T 1991	J-D	105	105⅜	105	--	104½	105	104⅜ Aug 13	105 Aug 9	104 Jun 4	106⅜ Jan 14
49,000	4⅝s series U 1991	M-N	104	--	104	105	103	104	103⅛ Aug 23	104¾ Aug 22	102½ May 14	105⅝ Jun 18
69,000	4⅜s series V 1992	J-D	102½	Sale	101⅞	Sale	100⅞	Sale	100⅝ Aug 5	101⅞ Aug 1	100½ July 22	103 Jan 15
16,000	4⅜s series W 1992	A-O	102	Sale	101⅛	102	100¾	101½	100 Aug 22	101½ Aug 9	100 Aug 22	102¾ Mar 8
	Consolidated Electrodynamics											
80,000	4½s conv subord debs 1984	J-D	103⅞	Sale	103½	Sale	104½	105	102½ Aug 9	105 Aug 20	102¼ Apr 5	111¾ Jun 13
	Consol G E L & P (Balt)—											
8,000	1st ref M 2⅞s ser T 1976	J-J	85½	--	84½	85	85½	--	84½ Aug 2	86 Aug 13	84½ Aug 2	87⅛ Mar 22
----	1st ref M 2⅞s ser U 1981	A-O	82¾	83¾	75½	--	75½	--	— ------	-- ------	79½ May 16	84 Mar 18
----	1st ref M 2¾s ser X 1986	J-J	—	—	74	--	74	--	— ------	-- ------	74 Jun 11	74 Jun 11
	Consolidated Natural Gas—											
8,000	2¾s debentures 1968	A-O	93⅝	--	94	Sale	93¾	--	94 Aug 1	94⅛ Aug 27	94 Aug 1	94⅝ Mar 18
29,000	3¼s debentures 1976	M-N	90¾	--	91⅛	--	91	--	91 Aug 20	91⅝ Rug 8	90¼ Apr 24	92½ Feb 28
----	3⅛s debentures 1979	J-D	85¾	--	87	91	87	91	-- ------	-- ------	87 Mar 14	87⅝ Apr 11
7,000	3s debentures 1978	F-A	85⅝	--	86	--	86⅛	--	86⅛ Aug 13	86⅛ Aug 13	85½ Jan 7	86⅛ Aug 13
----	4⅞s debentures 1982	J-D	103⅞	--	104½	105	--	104½	-- ------	-- ------	103¾ Mar 21	106 Jan 14
32,000	5s debentures 1982	M-S	106	Sale	105¼	105½	104½	105	104½ Aug 7	105 Aug 6	104½ Feb 7	106¼ Jan 29
18,000	4⅜s debentures 1983	F-A	101½	102¼	100½	101¼	100¼	Sale	100¼ Aug 30	100½ Aug 16	99⅞ Jun 6	102¼ Jan 25
6,000	5s debentures 1985	F-A	105½	106¼	105	106	105⅛	106	105 Aug 12	105 Aug 12	104¼ Apr 10	106¼ Jan 7
13,000	4⅜s debentures 1986	F-A	101	102½	100⅜	101⅜	--	100⅞	101 Aug 7	101⅜ Aug 26	100¼ Apr 11	103 Jan 22
14,000	4¾s s f debens 1986	M-N	104¼	105	105½	--	103	104¼	103½ Aug 23	105½ Aug 7	101¼ Apr 1	105½ Aug 7
20,000	4½s debentures 1987	M-S	102	104⅜	101	101¾	101¾	102¾	101¾ Aug 7	102¾ Aug 21	101 July 25	104¼ Jan 9
19,000	4⅜s debentures 1988	A-O	--	--	100¾	101⅞	101⅝	Sale	101½ Aug 5	101⅞ Aug 9	100¼ Jun 4	101⅞ July 31
71,000	Consumers Power 2⅞s 1975	M-S	87⅞	Sale	86⅞	Sale	86⅜	Sale	86¼ Aug 22	87¼ Aug 14	85½ Apr 11	88⅝ Jan 14
213,000	Conv debentures 4⅜s 1975	F-A	146½	Sale	161	Sale	178½	Sale	161 Aug 1	180 Aug 22	142¾ Mar 4	180 Aug 22
25,000	1st mortgage 4¾s 1987	A-O	104¼	Sale	103	104¼	103	Sale	102 Aug 20	104 Aug 6	102 Aug 20	105¼ Apr 4
7,000	1st mortgage 4½s 1988	A-O	102½	104	103¼	104½	102¾	104½	103¼ Aug 2	103¼ Aug 2	101½ May 8	104¼ July 15
11,000	1st mortgage 4⅝s 1989	F-A	103½	104½	102¾	104¼	102¾	104	104 Aug 15	104 Aug 15	102¾ May 20	104¾ Mar 8
----	1st mortgage 4⅝s 1990	J-O	--	--	--	--	--	--	-- ------	-- ------	102½ Feb 27	102½ Feb 27
2,000	1st mortgage 4⅝s 1991	F-A	104	--	103¼	Sale	102¼	103½	102¼ Aug 6	103¾ Aug 1	102 Apr 11	105 Feb 13
17,000	Continen Baking 3s debs 1965	J-J	97½	--	98⅜	98⅞	98⅜	98⅞	98⅜ Aug 2	98⅜ Aug 2	96¾ Feb 11	99 Mar 14
101,000	4⅜s conv subord debs 1983	M-N	104	Sale	106½	107½	108⅝	Sale	106½ Aug 5	108⅝ Aug 30	103¾ Feb 6	108⅝ Aug 30
----	Contin Can 3⅜s debs 1976	A-O	91¼	--	91	92⅛	91	92⅛	— ------	-- ------	91⅜ Jan 7	92¾ Feb 15
----	4⅝s debentures 1985	A-O	--	--	102	104¾	102	104¾	-- ------	-- ------	103½ Jan 31	104¾ May 2
----	Continental Oil Corp 3s 1984	M-N	85⅜	--	85½	--	85½	--	-- ------	-- ------	85⅝ Jan 4	86⅛ Mar 15
25,000	4½s debentures 1991	M-N	103⅝	Sale	102¼	103½	102¾	103⅞	102½ Aug 13	102¾ Aug 16	102¼ July 15	104¾ Jan 23
	Copperweld Steel Co—											
174,000	5s conv subord debs 1979	J-D	100¾	102	101	101¾	103	Sale	101 Aug 2	103½ Aug 29	100¾ Feb 8	104½ Apr 2
44,000	Corn Products Co 4⅝s 1983	A-O	104¼	105	103⅜	104½	103⅞	104¼	103½ Aug 6	104¼ Aug 27	103 July 18	106 Jan 9
	Crowell Collier Publishing—											
233,000	4½s conv subord debs 1981	A-O	96⅝	99	87¼	Sale	88	Sale	87 Aug 8	89½ Aug 14	84 Apr 9	99¾ Jan 4
559,000	5s conv subord debs 1983	A-O	--	--	118⅞	Sale	135½	Sale	118 Aug 5	135½ Aug 30	114¾ May 8	135½ Aug 30
	Crown Cork & Seal Co Inc—											
133,000	4⅜s sf debentures 1988	M-S	--	--	99½	100	100⅜	Sale	99½ Aug 14	100½ Aug 20	99½ Apr 18	100¾ May 8
----	Crucible Stl 1st mtge 3⅛s 1966	M-N	92⅜	95	94⅜	--	94⅜	--	-- ------	-- ------	93 Feb 6	94⅜ July 1
254,000	ΔCurtis Publishing Co 6s 1986	A-O	66¾	Sale	71½	Sale	69¾	Sale	68½ Aug 22	r72½ Aug 5	66¾ Jan 2	82½ Feb 14
----	Daystrom Inc 5¼s 1980	A-O	102½	--	103	--	103	--	-- ------	-- ------	-- ------	-- ------

For footnotes, see page 95.

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Sales in August Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN AUGUST — Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	Dayton Power & Light—											
7,000	1st mortgage 2¾s 1975	A-O	84¾	86½	86	--	85	85½	86 Aug 2	86 Aug 2	84½ Jun 10	86½ Jan 17
----	1st mortgage 3s 1978	J-J	--	--	81½	--	81½	--	-- ------	-- ------	81½ Jun 17	81½ Jun 17
----	1st mortgage 3s ser A 1978	J-D	--	--	82½	--	82½	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3¼s 1982	F-A	84	--	86	--	83½	--	-- ------	-- ------	85 Jun 13	88 Jan 30
----	1st mortgage 3s 1984	M-S	83	84	79	85½	79	85½	-- ------	-- ------	82⅞ Jun 12	82⅞ Jun 12
----	Dayton Union Ry 3¼s 1965	J-D	--	--	95	--	95	--	-- ------	-- ------	-- ------	-- ------
----	Deere & Co 2¾s debs 1965	A-O	97½	--	98	--	98	Sale	98 Aug 27	98 Aug 27	97½ Jan 9	99⅛ Mar 25
6,000	3⅛s debentures 1977	J-J	--	--	89½	--	89½	--	89½ Aug 2	90¼ Aug 15	87 Jan 7	90¼ Jun 5
24,000	4½s subord debs 1983	F-A	100	100⅞	100½	Sale	101⅜	Sale	100½ Aug 1	101¾ Aug 15	99¾ Apr 11	102½ Feb 21
	Delaware Lack & West RR Co N Y Lack & Western div											
77,000	1st & ref M 5s ser C 1973	M-N	51⅝	--	55½	58	58⅛	Sale	55½ Aug 16	58⅛ Aug 30	55 Jan 8	63 Feb 15
19,000	△Income mtge due 1993	May	11¼	16½	--	26½	--	26	26 Aug 7	26 Aug 7	13 Jan 11	27½ Jun 5
	Morris & Essex division											
117,000	Coll trust 4-6s May 1 2042	M-N	31½	Sale	39½	Sale	41	Sale	39½ Aug 1	41 Aug 20	31½ Jan 2	43½ Feb 15
	Pennsylvania division											
17,000	1st M & coll tr 5s 1985	M-N	42¾	44¾	47	49¾	50	51	49¾ Aug 14	51 Aug 22	43½ Jan 4	54⅛ Feb 12
9,000	1st M & coll tr 4½s B '85	M-N	37	Sale	43¼	46¾	46⅜	48	43⅜ Aug 5	46¾ Aug 16	37 Jan 2	49¼ Jun 21
----	Delaware Pwr & Lt 3s 1973	A-O	88½	90	88	--	88	--	-- ------	-- ------	87 Jan 30	89½ Jun 12
----	1st mtge & coll tr 3⅛s 1977	J-D	--	--	85	--	86	--	-- ------	-- ------	-- ------	-- ------
----	1st mtge & coll tr 2⅞s 1979	J-J	--	--	80	--	82	--	-- ------	-- ------	-- ------	-- ------
----	2¾s 1st mtge & coll tr 1980	M-S	79½	--	77¾	--	77¾	--	-- ------	-- ------	-- ------	-- ------
----	1st mtge & coll tr 3⅛s 1984	M-N	--	--	79½	--	79½	--	-- ------	-- ------	-- ------	-- ------
----	1st mtge & coll tr 3½s 1985	J-D	--	--	81¾	--	81¾	--	-- ------	-- ------	-- ------	-- ------
----	1st mtge & coll tr 3⅞s 1988	J-D	94½	96	--	94	--	93⅞	-- ------	-- ------	94 May 9	96 Feb 1
	Denver & Rio Gr West—											
	1st mtge ser A (3% fixed											
5,000	1% contingent int) 1993	J-J	89	90½	89⅜	--	89⅜	--	89⅜ Aug 8	89⅜ Aug 8	87 Apr 2	90½ Mar 5
	Inc mtge series A (4½%											
13,000	contingent interest) 2018	April	80¼	88	89⅜	89¾	89¾	92	89⅜ Aug 2	89⅞ Aug 13	87 Jan 8	94¼ May 20
	Denver & Salt Lake—											
	Inc mortgage (3% fixed											
1,000	1% contingent int) 1993	J-J	85¼	--	85⅝	--	86⅛	--	85⅝ Aug 12	86⅛ Aug 29	84¼ Apr 1	86⅛ Aug 29
	Detroit Edison—											
37,000	Gen & ref 3s ser H 1970	J-D	92⅞	Sale	92	92½	92	92¾	92 Aug 6	92½ Aug 5	91 Apr 11	93⅞ Jan 10
39,000	Gen & ref 2¾s ser I 1982	M-S	81⅜	Sale	78	--	80	--	78¾ Aug 6	80 Aug 12	78¼ July 10	81⅜ Jan 2
----	Gen & ref M 2¾s ser J 1985	M-S	79½	--	--	79½	--	79½	-- ------	-- ------	80 Jun 10	80 Jun 10
19,000	Gen & ref 3⅜s ser K 1976	M-N	90⅞	92	90¼	90½	90	91¾	89½ Aug 19	91½ Aug 27	89 Apr 17	92⅝ Jan 20
----	3¼s conv debentures 1969	F-A	240	--	250	--	250	--	-- ------	-- ------	254 May 22	254 May 22
1,000	3¾s conv debentures 1971	M-S	190	--	201	--	210	--	218 Aug 16	218 Aug 16	204 Jun 28	218 Aug 16
1,000	Gen & ref M 2⅞s ser N 1984	M-S	81	82¼	79½	81	--	80½	79½ Aug 20	79½ Aug 20	79½ Aug 20	81⅞ Jan 29
8,000	Gen & ref 3¼s ser O 1980	M-N	87⅝	--	85	88	86⅛	88	86⅛ Aug 12	86⅛ Aug 12	85¼ July 25	89½ Feb 1
	Detroit & Mackinac Ry—											
2,000	1st lien 4s 1995	J-D	72⅛	--	72⅛	--	72½	--	72⅛ Aug 12	72⅛ Aug 12	72⅛ Jan 18	72¼ Apr 16
----	△Second gold 4s 1995	J-D	71	--	72⅛	--	72¼	--	-- ------	-- ------	71 Mar 27	71 Mar 27
	Detroit Toledo & Ironton RR											
----	2¾s series B 1976	M-S	74	--	74	--	74	--	-- ------	-- ------	74¼ July 10	74¼ July 10
----	Diamond Gardner 4s debs 1983	A-O	95½	96¾	--	97½	--	97½	-- ------	-- ------	95 Jan 24	96½ Jan 4
	Douglas Aircraft Co Inc—											
216,000	4s conv subord debs 1977	F-A	74¼	77	77¼	Sale	76¾	77½	76 Aug 20	78 Aug 9	74 Jan 4	78 Jan 16
148,000	5s s f debentures 1978	A-O	94	Sale	95¼	Sale	95½	Sale	94½ Aug 2	95½ Aug 7	94 Jan 2	95¾ Feb 6
	Dow Chemical Co—											
365,000	3s conv subord debs 1982	J-J	126	Sale	129	Sale	134	Sale	129 Aug 1	135 Aug 30	124 Jan 3	142⅝ May 1
	Dresser Industries Inc—											
73,000	4⅛s conv subord debs 1977	M-S	97	Sale	98	Sale	97¼	Sale	97¼ Aug 20	99½ Aug 6	96 May 22	99¾ Mar 21
12,000	Duquesne Lt 1st mtge 2¾s '77	F-A	85	85½	83½	84½	83¼	83¾	83¾ Aug 14	83¾ Aug 14	82⅞ July 19	86 Jan 10
----	1st mortgage 2⅝s 1979	A-O	--	92½	--	--	--	--	-- ------	-- ------	77⅛ Apr 9	77⅛ Apr 9
----	1st mortgage 2¾s 1980	F-A	--	--	77¾	--	77¾	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3¼s 1982	M-S	--	--	82¼	--	82¼	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3⅝s 1983	M-S	--	--	--	92¼	--	92¼	-- ------	-- ------	92¼ Apr 16	92¼ Apr 16
----	1st mortgage 3⅛s 1984	J-J	--	--	79¾	--	79⅜	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3½s 1986	A-O	87½	90⅞	86½	89	86	89	-- ------	-- ------	87½ May 8	89½ May 28
----	1st mortgage 3¾s 1988	A-O	93½	94	90	93⅝	91½	93⅝	-- ------	-- ------	88 July 18	94 Feb 15
----	1st mortgage 4¼s 1989	M-S	99	--	--	100¼	--	--	-- ------	-- ------	99½ Jan 23	100⅜ July 19
----	5s s f debentures 2010	M-S	--	--	--	--	--	106	-- ------	-- ------	104 Jan 4	106½ Jan 11
	Eastern Stainless Steel Corp—											
65,000	5s conv subord debs 1973	M-N	100½	--	104¾	--	105	Sale	104 Aug 8	105 Aug 15	101 Jan 3	106½ July 1
----	Ed El Ill N Y 1st cons 5s 1995	J-J	107½	--	108½	--	108⅛	--	-- ------	-- ------	107½ Feb 4	108 Mar 1
5,000	Ekco Products 4.60s 1987	F-A	--	104	102½	--	100½	102¼	100¾ Aug 20	102½ Aug 19	100¾ Aug 20	103 Mar 28
----	Elgin Jol & East 3¼s A 1970	M-S	90¼	--	90¾	--	90¾	Sale	-- ------	-- ------	90½ Mar 13	92⅜ May 15
8,000	El Paso & SW 1st & ref 5s '65	A-O	101	Sale	101	--	101	--	101 Aug 7	101 Aug 7	101 Jan 2	102½ May 3
2,000	5s stamped 1965	A-O	101	--	101	101½	101	101½	101½ Aug 12	101½ Aug 12	101 Jan 4	101½ Aug 12
	Erie Railroad Co—											
452,000	△Gen M inc 4½s A Jan 2015	Apr	13	Sale	17	17⅜	19	19½	16⅛ Aug 13	19½ Aug 28	13 Jan 2	24½ Feb 14
31,000	1st cons mtge 3¼s ser E '64	A-O	80½	Sale	81	84	--	82	81 Aug 19	83 Aug 8	80½ Jan 2	88¼ Mar 28
17,000	1st cons mtge 3⅛s ser F '90	J-J	34	Sale	38½	Sale	38¾	39¾	38½ Aug 1	39¾ Aug 16	34 Jan 2	41¾ Feb 19
10,000	1st cons M 3⅛s ser G 2000	J-J	33½	Sale	38½	39¾	38¾	39⅜	39⅜ Aug 29	39⅜ Aug 29	33½ Jan 2	41¼ Feb 14
253,000	△5s income deb Jan 1 2020	A-O	12¾	Sale	13½	15	15¾	Sale	13⅞ Aug 2	16½ Aug 28	12¼ Jan 2	19⅜ Feb 11
----	Ohio Div 1st M 3¾s 1971	A-O	71½	--	66	74	66	--	-- ------	-- ------	76 Feb 6	76 Feb 6
----	Family Finance Corp 5s 1981	M-S	--	104	102⅝	--	102⅝	--	-- ------	-- ------	102⅛ Jan 29	104⅛ Apr 15
	Fansteel Metallurgical Corp—											
71,000	4¾s conv subord debs 1976	A-O	106⅝	109⅞	102	114	104	Sale	102 Aug 9	107 Aug 19	101 July 17	114 Feb 19
5,000	Federal Paper Board 5s 1981	M-N	--	103½	103¾	Sale	103¾	--	103¾ Aug 1	103¾ Aug 1	101 Jan 11	103¾ July 25
	Firestone Tire & Rubber—											
8,000	2⅝s debentures 1972	J-J	88⅛	--	87⅜	90	88	--	89 Aug 2	89 Aug 2	88¼ Apr 23	89¼ Jan 24
5,000	3¼s debentures 1977	M-N	90	--	91½	92	91¾	92	91½ Aug 14	91⅝ Aug 15	90 Jan 7	92½ May 14
5,000	Flintkote Co 4½s conv 1980	A-O	102	--	102	104⅞	102½	107	102 Aug 6	102¾ Aug 22	102 Jan 11	104⅞ July 31
	†Florida East Coast—											
81,000	△1st mtge 5s series A 2011	J-J	72¾	Sale	72¼	73½	72⅞	Sale	72 Aug 13	72⅞ Aug 30	70⅛ Apr 3	79 Feb 15
	2nd mortgage 5½s conv											
343,000	income series A 2011	J-J	32⅛	33½	36	Sale	38½	Sale	36 Aug 1	39¼ Aug 29	30⅝ Feb 12	40 Feb 18
	Food Fair Stores Inc—											
294,000	4s conv subord debs 1979	A-O	94	Sale	96½	Sale	97½	Sale	95 Aug 9	97½ Aug 30	93¾ Jan 3	101 Feb 4
12,000	Foremost Dairies 4½s 1980	J-J	91½	94⅝	94½	--	95⅛	--	94½ Aug 9	95¼ Aug 14	91½ Jan 3	95¼ Aug 14
	Fort Worth & Denver Ry Co—											
----	1st mortgage 4⅜s 1982	M-N	--	85	81	88	81	88	-- ------	-- ------	81½ Jun 24	81½ Jun 24
	Gardner-Denver Co—											
10,000	4¼s conv subord debs 1976	A-O	129	--	137	147	135	152	144½ Aug 8	144½ Aug 8	128 Feb 20	155⅝ Jun 4
	Gen Amer Oil Co of Texas—											
247,000	4¾s conv subord debs 1984	M-N	112	Sale	108⅝	109½	113½	Sale	108½ Aug 23	113½ Aug 30	108 Mar 14	114 Jan 3
	Gen Amer Transportation—											
2,000	4s conv subord debs 1981	M-N	165	--	180	195	185	--	193 Aug 26	195 Aug 9	170 Feb 1	195 Aug 9
	General Cigar Co—											
46,000	5½s cum inc sub debs 1987	J-D	103½	104	101	Sale	101⅜	103	101 Aug 1	103½ Aug 15	101 Apr 15	105⅛ Jan 24
211,000	Gen Electric 3½s debs 1976	M-N	94¼	Sale	94⅛	Sale	93⅝	Sale	93⅝ Aug 20	94⅜ Aug 19	93⅝ Aug 20	96 Feb 1
20,000	General Foods Corp 3⅜s 1976	J-J	92½	--	91¼	92½	91	91½	91 Aug 29	92¼ Aug 6	91 May 20	94¼ Apr 23
	General Motors Accept Corp—											
1,359,000	2¾s debentures 1964	J-J	98⅝	Sale	98¾	Sale	98⅛	Sale	98¾ Aug 1	99 Aug 1	98½ Jan 2	99⅝ Jun 6
224,000	3s debentures 1969	J-J	93½	94¾	94⅜	Sale	93⅛	Sale	93 Aug 26	94⅜ Aug 1	93 Aug 26	95½ Feb 5
381,000	3½s debentures 1972	M-S	94⅝	Sale	93⅞	Sale	93½	Sale	93½ Aug 1	94½ Aug 6	93 July 17	96 Jan 9
215,000	3⅝s debentures 1975	M-S	93⅝	Sale	92⅞	Sale	92¾	Sale	92⅝ Aug 29	93½ Aug 5	92¼ July 12	95¾ Jan 18
138,000	5s debentures 1977	F-A	105⅝	Sale	106	Sale	105⅝	Sale	104¾ Aug 26	106⅛ Aug 12	104¾ Aug 26	107 Jun 19
376,000	4s debentures 1979	M-S	97¾	Sale	97½	Sale	96⅝	Sale	96⅜ Aug 15	97⅝ Aug 1	96⅜ Aug 15	98⅞ Jan 18
153,000	5s debentures 1980	M-S	106¼	Sale	105½	106	105½	Sale	204½ Aug 29	205⅞ Aug 19	104½ Aug 29	107 Jun 19
55,000	5s debentures 1981	M-S	106½	107	105½	--	105¾	107⅛	105¾ Aug 5	107⅛ Aug 29	105⅜ Feb 4	107¼ Jun 12
119,000	4⅝s debentures 1982	M-S	104	Sale	103¾	Sale	102½	Sale	102 Aug 28	104⅛ Aug 6	102 Aug 28	104⅝ Mar 7
144,000	4⅝s debentures 1983	M-S	104	Sale	103	103⅜	102¾	103½	102¾ Aug 15	103¾ Aug 6	102¾ Apr 11	104½ Jan 3

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Sales in August Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
73,000	Gen Motors Corp 3¼s 1979	J-J	91½	Sale	91½	Sale	91⅝	93	91½ Aug 1	91¾ Aug 23	91⅛ July 19	94½ May 20
----	General Shoe 3.30s debs 1980	M-S	82½	--	82½	--	82½	--	-- ------	-- ------	-- ------	-- ------
	General Telephone Corp—											
409,000	4s conv debentures 1971	M-N	146	Sale	153¾	Sale	170	Sale	152½ Aug 1	170 Aug 30	144 Jan 2	170 Aug 30
594,000	4½s conv debentures 1977	J-D	148¾	Sale	159¼	Sale	174	Sale	158⅝ Aug 5	174 Aug 30	148¼ Jan 2	174 Aug 30
	General Time Corp—											
51,000	4¾s conv subord debs 1979	F-A	89	Sale	93	Sale	91	Sale	91 Aug 30	94 Aug 14	87 Mar 18	96 Jun 24
----	General Tire & Rub 4¾s 1981	A-O	101⅜	--	101¾	--	101¾	--	-- ------	-- ------	101⅜ Apr 18	101⅜ Apr 18
1,000	Gimbel Brothers Inc 5s 1981	J-D	104¼	--	106	--	106	--	106 Aug 26	106 Aug 26	104¼ Jan 31	106 Apr 16
2,000	Glidden Co 4¾s debs 1983	M-N	103	Sale	101½	103½	101½	103½	101½ Aug 2	101½ Aug 2	101½ Aug 2	103¾ Mar 5
4,000	Goodrich (B F) Co 2¾s 1965	M-N	97¾	98⅝	97½	--	97½	98½	97½ Aug 19	97½ Aug 19	97½ Jan 24	98⅝ Jun 26
----	4⅝s s f debentures 1985	M-N	103½	--	103⅜	105	103	105	-- ------	-- ------	103 Jun 7	105¼ Mar 15
	Grace (W R) & Co—											
389,000	3½s conv subord debs 1975	M-N	166	Sale	178	Sale	197	Sale	178 Aug 1	197 Aug 30	153½ Mar 1	201½ Jun 4
	Grand Union Co—											
126,000	4⅛s conv subord debs 1978	J-J	96⅜	Sale	104	Sale	101½	Sale	100½ Aug 27	104 Aug 1	95 Jan 7	105 May 27
5,000	Grant (W T) Co 4¾s 1987	J-J	--	104¾	104½	104¾	--	104¾	104½ Aug 14	104¾ Aug 20	104⅛ Mar 19	104¾ Jan 3
	Great Northern Ry—											
24,000	Gen mtge 5s series C 1973	J-J	105	Sale	105⅛	108	105	Sale	105 Aug 13	106 Aug 27	104¾ July 30	107½ May 27
23,000	Gen mtge 4½s ser D 1976	J-J	100	103	103⅝	Sale	102¼	Sale	102¼ Aug 29	103⅝ Aug 1	99⅞ May 8	103⅝ July 3
29,000	Gen mtge 3⅛s ser N 1990	J-J	73¾	Sale	76¼	--	75	76	75 Aug 29	76¼ Aug 7	73¾ Jan 2	77 Apr 3
----	Gen mtge 3⅛s ser O 2000	J-J	68	--	72	73½	70½	--	-- ------	-- ------	68 Jan 3	73 July 3
3,000	Gen mtge 2¾s ser P 1982	J-J	71½	--	75	--	74	--	75 Aug 8	75 Aug 8	71½ Jan 22	77 May 31
----	Gen mtge 2⅝s ser Q 2010	J-J	55½	--	59½	62	59½	61½	-- ------	-- ------	56⅛ Jan 4	60 Jun 11
	Great Western Financial—											
551,000	5s conv subord debs 1974	J-D	142½	Sale	155¼	Sale	162½	Sale	150½ Aug 9	168 Aug 29	134 Feb 28	182½ Apr 15
	Gulf Mobile & Ohio RR—											
18,000	Gen M inc 5s A July 2015	Apr	78¼	82½	84	87½	86	Sale	85¾ Aug 6	86½ Aug 8	81 Jan 15	89 July 5
26,000	Gen M inc 4s B Jan 2044	Apr	65	65¾	72	72⅞	72⅜	Sale	70½ Aug 23	72¾ Aug 16	65¾ Jan 2	74 May 29
----	1st & ref 3⅜s ser G 1980	M-N	86⅛	--	86⅛	--	86⅛	--	-- ------	-- ------	86⅛ Apr 29	86⅛ May 23
18,000	△5s inc debs ser A 2056	J-D	73	Sale	84½	85½	84	85	84 Aug 22	86½ Aug 19	73 Jan 2	87¾ May 31
4,000	Gulf States Util 2⅝s 1976	M-N	--	--	80	Sale	80	--	80 Aug 1	80 Aug 1	79⅛ Apr 10	80 July 30
----	1st mortgage 3s 1978	A-O	84¾	--	85¼	87¼	85¼	87¼	-- ------	-- ------	-- ------	-- ------
----	3s debentures 1969	J-J	92	--	92½	--	92½	--	-- ------	-- ------	92½ Jan 16	93½ July 26
----	1st mortgage 2¾s 1979	J-D	79	--	81	82½	81	82½	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 2¾s 1980	J-D	--	--	76	--	76	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3⅜s 1981	M-N	83½	--	83	--	83	--	-- ------	-- ------	83 Jun 5	84 Apr 15
----	1st mortgage 3⅛s 1982	J-D	84	--	80¾	--	80¾	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3⅜s 1983	J-D	--	--	81¼	--	81¼	--	-- ------	-- ------	-- ------	-- ------
----	Hackensack Water 2⅝s 1976	M-S	79¼	--	79½	--	79½	--	-- ------	-- ------	79¼ Jan 14	79½ Jun 13
	Haloid Xerox Corp—											
512,000	4½s conv subord debs 1981	M-N	167	Sale	245	Sale	280	Sale	238 Aug 7	283 Aug 29	152 Jan 24	283 Aug 29
	Hertz Corporation—											
2,000	4s conv subord debs 1970	J-J	--	--	246	--	--	--	273¾ Aug 5	273¾ Aug 5	273¾ Aug 5	273¾ Aug 5
6,000	Hocking Valley 1st 4½s 1999	J-J	95¼	--	97¼	99¾	97¼	99¾	97¼ Aug 13	97¼ Aug 13	95½ Jan 15	100 Apr 30
	Hooker Chemical Corp—											
72,000	5s conv subord debs 1984	M-S	115	120	118½	Sale	118	118½	118¼ Aug 2	119¼ Aug 13	115 Mar 7	119¼ Aug 13
	Hotel Corp of America—											
21,000	6s conv coll tr debs 1972	J-J	87	94⅞	88⅛	90	84½	88	85½ Aug 2	88½ Aug 2	85½ Aug 2	94 Jan 25
19,000	Household Finance 2¾s 1970	J-J	90⅞	--	91	--	91	--	91 Aug 2	91¼ Aug 13	90⅞ Jan 3	92 July 1
11,000	4⅛s debentures 1968	M-S	--	101	99	101	99¼	100¼	99¼ Aug 12	99½ Aug 19	99 July 9	101 Mar 26
13,000	4s s f debentures 1978	J-D	96¾	97¼	96½	97¼	--	96½	96½ Aug 5	97⅛ Aug 13	96½ Aug 5	99 Jan 31
39,000	4⅝s s f debentures 1977	J-J	102½	Sale	101¼	Sale	--	102½	99¼ Aug 29	102½ Aug 19	99¼ Aug 29	103¾ Mar 8
----	4⅝s s f debentures 1984	J-J	102¼	103½	101	--	101½	--	-- ------	-- ------	101¼ July 11	104⅛ Mar 14
10,000	5s s f debentures 1982	J-J	104	--	105	--	--	105	103¾ Aug 23	105 Aug 8	103¾ Aug 23	105 Apr 4
5,000	4⅞s s f debentures 1981	J-J	--	105⅝	102½	105¼	103	105¼	103 Aug 6	103 Aug 6	103 July 25	105¼ May 15
64,000	4⅜s debentures 1987	J-J	--	--	98¾	100	99½	Sale	99¼ Aug 8	100 Aug 5	99⅛ May 24	101⅝ Mar 12
	Hunt Foods & Industries—											
823,000	4⅜s conv subord debs 1986	J-J	101¾	Sale	101	Sale	100½	Sale	98½ Aug 14	101 Aug 1	97½ May 2	105¼ May 31
31,000	Illinois Bell Tel 2¾s ser A '81	J-J	--	82½	81⅜	--	80⅛	80½	80⅛ Aug 27	82 Aug 19	80⅛ Aug 27	82½ Mar 22
12,000	1st mtge 3s series B 1978	J-D	86	87	86⅛	86½	85¼	85½	85½ Aug 9	86 Aug 6	85 Apr 19	87 Jan 8
	Illinois Central RR—											
----	Cons mortgage 3¾s A 1979	M-N	85⅛	--	85⅜	--	85⅜	--	-- ------	-- ------	85⅜ July 9	86 Mar 18
5,000	Cons mortgage 3¾s B 1979	M-N	85⅛	--	85¼	--	85¼	--	85½ Aug 14	85½ Aug 14	85¼ July 9	85½ Aug 14
----	Cons mtge 3¾s ser C 1974	M-N	86½	Sale	88	--	88	--	-- ------	-- ------	86½ Jan 2	88½ July 11
1,000	Cons mtge 3¾s ser F 1984	J-J	82	--	82	--	82	--	82 Aug 21	82 Aug 21	82 Jun 18	82 Jun 18
1,000	1st mtge 3¼s series G 1980	F-A	79	--	82	84	82	84	82 Aug 14	82 Aug 14	79⅝ Feb 6	82 May 23
24,000	1st mtge 3⅜s series H 1989	M-S	74¾	--	79⅛	--	79⅛	--	79⅛ Aug 12	79½ Aug 23	74¾ Jan 8	79½ Aug 23
----	3½s s f debentures 1980	J-J	79⅛	--	83	--	--	--	-- ------	-- ------	79⅛ Mar 14	83 Jun 24
	Indianapolis Union Ry Co—											
----	2½s series C 1986	J-D	--	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	Inland Steel Co—											
----	3¼s conv debentures 1972	M-S	175	--	185	--	210	--	-- ------	-- ------	192 Mar 7	196 July 11
----	1st mtge 3.20s series I 1982	M-S	87½	--	88½	--	88½	--	-- ------	-- ------	87½ Jan 24	88½ Mar 25
20,000	1st mtge 3½s series J 1981	J-J	91	--	91½	--	91	--	91 Aug 27	91½ Aug 23	91 Aug 27	92½ July 26
27,000	1st mtge 4⅜s series K 1987	J-J	102½	Sale	100⅜	101¼	100⅛	101¼	100⅜ Aug 19	101¼ Aug 7	100¼ July 15	103 Feb 1
11,000	1st mtge 4½s series L 1989	F-A	102½	104	102	103½	102⅛	103½	102⅛ Aug 27	102¼ Aug 9	102⅛ Aug 27	104 Jan 14
	International Harvester Credit											
13,000	4⅝s debs series A 1979	M-N	103⅛	--	102⅝	Sale	--	102¼	102½ Aug 21	102⅝ Aug 1	102½ May 16	104⅝ Mar 15
25,000	4¾s debs series B 1981	F-A	104⅛	Sale	--	104¾	--	105⅞	102⅜ Aug 27	103½ Aug 14	102⅜ Aug 27	106 July 11
267,000	4⅝s sub debs 1988	M-S	--	--	103½	Sale	102½	Sale	102½ Aug 30	103¾ Aug 2	102½ Aug 30	104⅛ Jun 14
	Internatl Minerals & Chem—											
871,000	3.65s sub debs (conv) 1977	J-J	101½	Sale	108	112	117½	Sale	110 Aug 5	117½ Aug 30	101 Jan 9	117½ Aug 30
	International Silver Co—											
217,000	5s conv subord debs 1981	F-A	128	Sale	128½	Sale	138	144	128½ Aug 1	143½ Aug 28	125 July 25	148 Jan 25
	International Tel & Tel—											
60,000	4⅞s conv subord debs 1983	M-N	225	234	263	269	277	288	263 Aug 6	282½ Aug 27	233 Mar 21	282½ Aug 27
40,000	4.90s s f debentures 1987	A-O	104⅛	Sale	102¼	103⅞	103¼	Sale	102¼ Aug 2	103¾ Aug 23	101½ July 11	104½ Apr 2
	Interstate Dept Stores—											
662,000	4⅝s conv subord debs 1981	F-A	120	124	140	Sale	163	Sale	139¼ Aug 9	163 Aug 30	118⅛ Mar 1	163 Aug 30
	Interstate Oil Pipe Line—											
23,000	3⅛s s f debs series A 1977	M-S	88	--	89¼	--	89¼	--	89½ Aug 14	89½ Aug 14	88 Feb 15	90½ July 17
----	4¼s s f debentures 1987	J-J	100	101½	99¼	100¼	99¼	100¼	-- ------	-- ------	99⅝ Jun 18	101½ Jan 16
----	Interstate Power Co 3¾s 1978	J-J	--	--	90⅜	--	90⅜	--	-- ------	-- ------	90⅜ Jun 7	92½ Mar 13
----	1st mortgage 3s 1980	J-J	--	--	75	--	75	--	-- ---- --	-- ------	75 May 22	75 May 22
	I T E Circuit Breaker—											
24,000	4¼s conv subord debs 1982	A-O	95	Sale	93¼	94½	94	94¾	94 Aug 7	94½ Aug 7	93 Apr 24	96 Jan 28
----	Jersey Cent P & L 2⅞s 1976	M-S	85	--	84	--	84½	--	-- ---- --	-- ------	84 Feb 4	85¼ Jun 24
----	Joy Manufacturing 3⅝s 1975	M-S	89	--	91¼	--	91¼	--	-- ---- --	-- ------	90 Jan 16	91¼ Feb 8
----	Kanawha & Mich Ry 4s 1990	M-S	70¼	--	70	--	--	--	-- ---- --	-- ------	70 Jun 10	70 Jun 10
----	Kansas City Pr & Lt 2¾s 1976	A-O	85	86¼	85½	--	86	--	-- ---- --	-- ------	85½ May 28	86½ Mar 14
----	1st mortgage 2⅞s 1978	J-D	79	--	82½	--	82½	--	-- ---- --	-- ------	85½ Mar 14	85½ Mar 14
----	1st mortgage 2¾s 1980	J-D	80¾	--	80¾	--	82	--	-- ---- --	-- ------	-- ------	-- ------
	Kansas City Southern Ry—											
10,000	1st mtge 3¼s series C 1984	J-D	81	--	82	--	81¾	--	82 Aug 13	82½ Aug 14	81 Jan 14	83⅛ Apr 22
----	Kansas City Term Ry 2¾s '74	A-O	78	--	83½	--	83½	--	-- ------	-- ------	82⅜ May 17	83½ Jun 11
10,000	Kentucky Central 1st 4s 1987	J-J	85⅛	91¼	84½	Sale	85⅛	92	84½ Aug 1	84½ Aug 1	82 Apr 18	84½ Aug 1
----	Kimberly-Clark Corp 3¾s 1983	J-J	95⅝	100	95¼	96	94½	96	-- ------	-- ------	95 July 23	96⅛ Feb 18
----	4⅝s s f debentures 1986	F-A	104	105½	103½	105	--	--	-- ------	-- ------	103¼ May 22	104 Apr 25
----	Kings Co El Lt & Pwr 6s 1997	A-O	125½	--	126	--	126	--	-- ------	-- ------	125½ Mar 4	126 July 11
25,000	Koppers Co 1st mtge 3s 1964	A-O	99	Sale	98⅞	99	98¾	100¾	98¾ Aug 13	99¼ Aug 15	98¾ Aug 13	99¼ July 3
	Lakefront Dock & RR Term Co											
----	1st s f 3⅞s series A 1968	J-D	--	91⅛	--	--	--	--	-- ------	-- ------	91⅛ Apr 25	91⅛ Apr 25
23,000	Lake Sh & Mich So 3½s 1997	J-D	59½	Sale	66	72	65¾	72	65¾ Aug 26	66 Aug 12	59½ Jan 2	70 July 8
	Lehigh Valley Coal—											
1,000	1st & ref 5s stamped 1974	F-A	98	100⅜	100	--	100⅛	--	100 Aug 16	100 Aug 16	98 Jan 8	100½ Feb 5
	Lehigh Valley Harbor Term—											
28,000	1st mtge 5s extended 1984	F-A	63⅜	Sale	73½	Sale	72½	73½	72¼ Aug 26	75¼ Aug 21	63⅜ Jan 2	77 Jun 27
	Lehigh Valley Ry Co (N Y)—											
19,000	1st mtge 4½s extended 1974	J-J	61¾	63	71	Sale	72½	75	71 Aug 1	75 Aug 6	63 Jan 3	75 Jun 24

For footnotes, see page 96

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Sales in August Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	Lehigh Valley RR Co—											
	Gen consol mtge bonds											
28,000	Ser A 4s fixed int__2003	M-N	49	49⅞	55½	Sale	55	57	55 Aug 27	56⅞ Aug 15	50 Jan 4	57¾ July 16
4,000	Ser B 4½s fixed int__2003	M-N	51	54½	59¾	62½	59½	Sale	59½ Aug 15	59½ Aug 15	54 Jan 9	62¼ Mar 26
----	Ser C 5s fixed int__2003	M-N	58⅜	Sale	65	--	64	--	-- ------	-- ------	58⅜ Jan 2	66¼ Mar 18
30,000	△Ser D 4s cont int_2003	May	35	37½	35¼	Sale	35⅛	35½	35 Aug 1	35½ Aug 19	34¼ May 13	38¾ Jan 9
19,000	△Ser E 4½s cont Int_2003	May	36½	39½	38¼	40	40	Sale	38⅛ Aug 28	40 Aug 30	37¼ Jun 6	40½ Jan 28
5,000	△Ser F 5s cont int_2003	May	40⅛	44	41¼	Sale	41¼	43	41¼ Aug 1	41¼ Aug 1	40¼ May 2	44 Jan 28
8,000	Lehigh Valley Term Ry 5s_'79	A-O	70	Sale	75⅜	77½	74¾	75½	75½ Aug 23	75⅝ Aug 5	70 Jan 2	77⅝ July 12
1,000	Lexington & Eastern 5s__1965	A-O	101	--	100	102⅜	100¼	102⅜	100 Aug 9	100 Aug 9	99¼ May 13	101 Mar 26
	Libby McNeil & Libby—											
413,000	5s conv s f debs_____1976	J-D	113½	Sale	114½	115½	112	Sale	110 Aug 28	115½ Aug 7	110 Aug 28	120⅜ May 23
	Ling-Temco-Vought Inc—											
241,000	5½s "conv" sub debs_1976	M-S	83¼	Sale	86½	Sale	88	Sale	83 Aug 21	88 Aug 31	80½ Apr 16	89¾ May 24
1,650,000	5½s subord debs_____1976	M-S	--	--	80⅜	Sale	83½	Sale	80⅛ Aug 1	85¼ Aug 20	74⅛ May 2	85¼ Aug 20
1,080,000	4¾s conv sub debs___1976	M-S	--	--	105	Sale	108½	Sale	102½ Aug 13	109½ Aug 27	98¾ July 19	109½ Aug 27
	Lionel (The) Corp—											
145,000	5½s conv subord debs_1980	A-O	60½	Sale	62	Sale	63¼	Sale	60 Aug 9	65½ Aug 20	56⅞ Mar 1	69½ Jun 5
	Litton Industries Inc—											
1,063,000	3½s conv subord debs__1987	A-O	110⅜	Sale	112	Sale	120	Sale	111⅝ Aug 2	120⅛ Aug 30	104½ Mar 1	120⅛ Aug 30
	Lockheed Aircraft Corp—											
156,000	3.75s conv subord debs_1980	M-N	226	Sale	195	205	200	--	200 Aug 8	205 Aug 5	199 July 23	238 May 9
12,000	4.50s debentures_____1976	M-N	96⅝	97	99	Sale	97	98	97 Aug 29	100 Aug 20	96⅞ Jan 22	100 Aug 20
----	Lone Star Gas 4⅝s_____1982	A-O	--	103¼	103	--	103	--	-- ------	-- ------	102¾ Jun 11	103¾ Mar 15
----	4½s s f debentures____1987	A-O	--	--	100	102	100	103	-- ------	-- ------	100½ Jun 14	102 Mar 22
	Long Island Lighting Co—											
----	1st mtge 3⅝s ser D___1976	J-D	90	--	90⅝	--	90¾	--	-- ------	-- ------	90⅝ May 7	93½ Feb 7
15,000	Lorillard (P) Co 3s debs__1963	A-O	99 5/8	--	99 17/32	99 31/32	99 17/32	99 15/16	99 17/32 Aug 13	99⅝ Aug 2	99 5/16 Jan 7	99¾ Jan 11
----	3s debentures_____1976	M-S	84⅞	88	87¼	--	87¼	--	-- ------	-- ------	86¾ Feb 6	88¼ Mar 12
23,000	3¾s debentures_____1978	A-O	94	--	94	--	94	--	94 Aug 13	94¼ Aug 20	93½ Feb 11	94⅜ Apr 5
2,000	4⅞s s f debs_____1986	J-D	104⅛	105½	102¼	Sale	102⅜	103¾	102¼ Aug 1	102¼ Aug 1	102 Jun 13	105½ Jan 21
	Louisville & Nashville RR—											
25,000	1st & ref M 3⅜s ser F_2003	A-O	71⅛	--	69½	--	69⅝	--	69⅝ Aug 14	71 Aug 22	69¼ Jun 10	72 May 16
5,000	1st & ref M 2⅞s ser G_2003	A-O	60½	70	64	70	65¼	70	65¼ Aug 27	65¼ Aug 27	60½ Jan 7	65¼ Aug 27
18,000	1st & ref M 3¾s ser H_2003	A-O	75⅜	--	77½	--	77¾	--	77½ Aug 14	77¾ Aug 27	75⅜ Jan 7	77¾ Aug 27
----	1st & ref M 3⅜s ser I_2003	A-O	71	--	71	--	71	--	-- ------	-- ------	71 May 2	71 May 2
17,000	Coll trust 4⅞s_____1987	J-D	--	--	102	102½	101⅞	--	101⅞ Aug 28	102½ Aug 6	99⅜ Feb 7	103¼ Apr 18
----	St Louis Div 2d gold 3s_1980	M-S	77¾	--	71½	--	71½	--	-- ------	-- ------	70⅛ Apr 22	72 Jan 29
----	Louisville Gas & El 2¾s__1979	M-N	--	--	78¾	--	78¾	--	-- ------	-- ------	78½ Apr 19	78½ Apr 19
----	1st mortgage 3⅛s_____1982	F-A	77¼	--	80¾	--	80¾	--	-- ------	-- ------	84⅛ Apr 8	84⅛ Apr 8
----	1st mortgage 3⅛s_____1984	F-A	79	--	79½	--	79	--	-- ------	-- ------	79 Mar 12	79 Mar 12
----	1st mortgage 4⅞s_____1987	M-S	--	--	103⅝	--	103⅝	--	-- ------	-- ------	103¼ May 9	103¼ May 9
----	1st mortgage 4⅞s_____1990	A-O	105½	--	--	--	--	--	-- ------	-- ------	-- ------	-- ------
	MacAndrews & Forbes Co—											
5,000	5s conv subord debs___1987	F-A	101	--	102½	--	100	103½	102½ Aug 14	102½ Aug 14	102¼ Mar 11	105 Feb 15
159,000	Mack Trucks Inc 5⅛s___1981	A-O	97½	98	101⅜	Sale	100⅛	101½	100⅛ Aug 28	101½ Aug 7	97½ Jan 3	103½ July 10
----	Macy (R H) & Co 2⅞s__1972	M-N	88	--	91	--	91	--	-- ------	-- ------	88 Jan 15	91 Jan 29
15,000	5s conv subord debs___1977	F-A	173	189½	195	--	200	--	195 Aug 9	195 Aug 9	176 Jan 4	207½ Jun 4
2,000	Macy Credit Corp 4¾s__1981	M-N	103½	--	102½	104	--	103½	102½ Aug 2	102½ Aug 2	102½ Jun 6	104 Apr 8
13,000	Maine Central RR 5⅛s__1978	F-A	83	Sale	86¼	87	85½	86⅞	86 Aug 5	87 Aug 19	83 Jan 2	87½ May 2
18,000	Marathon Oil 4⅜s_____1987	A-O	99½	--	100¼	101⅞	101½	102	101 Aug 2	102 Aug 19	100 July 19	103⅛ Mar 22
66,000	Martin Co 5½s ex war___1968	M-N	102	102¾	102½	103¼	103	Sale	102½ Aug 2	103¼ Aug 9	102 Jan 4	104¾ May 15
----	May Dpt Stores 2⅝s debs_'72	J-J	85	--	85	--	85	--	-- ------	-- ------	85 Jun 10	85 Jun 10
2,000	3¼s s f debentures____1978	F-A	88	--	88	--	88	--	86¼ Aug 21	86¼ Aug 21	86¼ Aug 21	88 Jun 19
----	3¼s s f debentures____1980	M-S	85¾	--	86¼	--	86	--	86 Aug 28	86 Aug 28	86 Aug 28	87 Apr 2
6,000	May Stores Realty 5s____1977	F-A	102	104¼	102½	104	102½	--	102½ Aug 2	104 Aug 16	102 Apr 3	104 Jun 18
	McCall Corporation—											
48,000	4¾s conv subord debs__1992	F-A	104⅛	Sale	107¾	111	112	Sale	108½ Aug 12	112 Aug 30	100 Feb 18	114 Jun 17
523,000	McCrory Stores 5½s debs_1976	F-A	83½	Sale	81	Sale	82	Sale	77 Aug 27	82 Aug 30	73 May 7	88½ Mar 7
	McDermott (J Ray) & Co—											
178,000	5s subord conv debs____1972	F-A	107	108½	107	Sale	109⅝	Sale	106½ Aug 2	109⅝ Aug 23	106⅛ Jan 7	113 Feb 14
----	McKesson & Robbins 3½s__'73	M-S	91⅝	--	93	--	93	95	-- ------	-- ------	93 Jun 13	93 Jun 13
11,000	4⅝s debentures_____1980	M-S	102	104	101	103⅜	102¼	Sale	102¼ Aug 30	102¼ Aug 30	102¼ Aug 30	103⅜ May 1
	Merritt-Chapman & Scott—											
177,000	4½s conv subord debs__1975	J-J	79¾	Sale	82⅛	82⅞	83	Sale	81 Aug 6	83 Aug 21	78⅞ Jan 8	85¼ Apr 26
	Metropolitan Broadcasting—											
1,064,000	6s conv subord debs____1975	A-O	79½	80	181	Sale	215	Sale	180 Aug 1	216½ Aug 30	116 Jan 7	216½ Aug 30
10,000	Metropolitan Edison 2⅞s_1974	M-N	84	--	87	88	--	--	87¾ Aug 27	87¾ Aug 27	86¾ Apr 24	88 Jan 9
----	1st mortgage 2¾s_____1980	F-A	84	--	--	--	--	88	-- ------	-- ------	83½ Jan 9	83½ Jan 9
----	Michigan Bell Tel 3⅛s___1988	A-O	82	--	79	82	--	82	-- ------	-- ------	80½ Apr 3	82 July 3
2,000	4⅜s debentures_____1991	J-D	99¾	--	99¼	101	--	100¾	100¾ Aug 12	100¾ Aug 12	99⅝ Jun 26	102½ Jan 23
	Michigan Central RR—											
12,000	Ref & imp 4½s ser C__1979	J-J	82	--	89⅛	90	89⅛	90	89⅛ Aug 14	90 Aug 21	82 Jan 3	90 Jun 26
10,000	Michigan Cons Gas 3½s__1969	M-S	96⅛	96⅞	96¾	Sale	96¾	--	96⅝ Aug 7	96¾ Aug 1	95⅛ Apr 8	98¼ Feb 15
----	1st mortgage 2⅞s_____1969	M-S	--	--	--	--	--	--	-- ------	-- ------	92¼ Jun 11	92¼ Jun 11
----	1st mortgage 3⅜s_____1969	J-J	95½	--	--	97	--	97	-- ------	-- ------	-- ------	-- ------
3,000	3⅞s debentures_____1967	M-S	97	98½	98	99¼	97¾	99¼	98 Aug 20	98 Aug 20	96 Apr 26	99 May 21
	Minneapolis Honeywell Reg—											
12,000	3¾s s f debentures____1976	F-A	96½	97½	94¾	95¼	95¼	97½	95¼ Aug 7	96 Aug 23	94¾ July 31	97½ Jan 31
7,000	3.10 s f debentures____1972	A-O	92	--	91	92½	91	--	91 Aug 7	91¼ Aug 23	91 July 18	93 May 21
	Minneapolis & St Louis Ry—											
57,000	1st mortgage 6s_____1985	M-N	95¾	Sale	97⅜	98	96⅛	97⅞	95¾ Aug 20	98 Aug 2	93½ Jan 21	98¾ Jun 3
	Minn St P & S Ste Marie—											
28,000	1st M 4½s inc ser A_Jan 1971	May	81	Sale	87¾	89	88½	Sale	88⅛ Aug 2	88½ Aug 30	81 Jan 2	89⅛ Mar 20
122,000	△Gen M 4s inc A__Jan 1991	May	52	Sale	57¾	Sale	59⅛	60	57½ Aug 5	60⅜ Aug 20	52 Jan 2	60½ July 8
----	Minnesota Min & Mfg 2¾s_'67	A-O	93¾	--	93¾	--	93¾	--	-- ------	-- ------	93¾ May 23	94⅝ Apr 4
	Missouri-Kansas-Tex Ry Co—											
32,000	1st mortgage 4s_____1990	J-D	55¾	56½	62	Sale	63	64	61½ Aug 8	63 Aug 28	57 Jan 3	65⅛ May 27
	Missouri-Kansas-Texas RR—											
7,000	Prior lien 4½s ser D__1978	J-J	66⅛	Sale	74⅜	--	74⅜	78⅝	74⅜ Aug 29	74⅜ Aug 29	66⅛ Jan 2	79 Mar 4
6,000	△Cum adj 5s ser A_Jan 1967	A-O	84¾	Sale	91½	92¾	91½	93	92 Aug 12	92⅝ Aug 8	84¾ Jan 2	92⅝ Aug 8
445,000	△5½s subord inc debs_2033	April	21¾	Sale	22	Sale	23	23½	22 Aug 1	23½ Aug 23	21¼ Jan 31	26¾ Feb 18
	Missouri Pacific RR—											
234,000	4¼s series B_____1990	J-J	79	Sale	85¼	Sale	86¾	Sale	84⅜ Aug 14	86¾ Aug 30	78⅞ Jan 3	87½ Jun 6
393,000	4¼s series C_____2005	J-J	77½	Sale	82	82½	82⅛	Sale	81⅝ Aug 2	82⅞ Aug 9	77 Jan 16	85⅜ Jun 7
253,000	△4¾s series A_____2020	April	68¼	Sale	75	Sale	78	Sale	74 Aug 1	78 Aug 21	67¾ Jan 2	78 Aug 21
288,000	△4¾s series B_____2030	April	66	Sale	74⅛	Sale	77	Sale	72⅝ Aug 2	77 Aug 29	65¾ Jan 2	77 Aug 29
1,017,000	△5s income debs_____2045	April	63⅛	Sale	69½	Sale	71	Sale	68½ Aug 5	71⅝ Aug 20	62¾ Jan 2	71⅞ Jun 6
28,000	Mohawk & Malone 1st 4s_1991	M-S	56⅛	65¼	65½	70	65	70	65½ Aug 12	66½ Aug 7	59 Feb 21	66½ May 29
	Monongahela Railway Co—											
----	△1st mtge 3¼s ser B__1966	F-A	93	--	95⅝	--	95⅝	--	-- ------	-- ------	95 Apr 17	95⅝ July 29
90,000	Monon RR 6s_____Jan 1 2007	April	22½	26¾	51⅛	Sale	50	52	50 Aug 8	51½ Aug 2	25⅛ Jan 4	51½ Aug 2
	Montgomery Ward Credit Corp											
23,000	4⅞s debentures_____1980	J-J	--	105¼	104⅜	104⅞	--	104	104¼ Aug 22	104⅝ Aug 9	103½ Jan 29	105 July 12
3,000	4¾s debentures_____1981	F-A	103¼	104⅛	--	--	--	--	103 Aug 21	103 Aug 21	103 Aug 21	105 July 12
----	5¼s subord debs_____1981	F-A	104¾	106	104¼	106¼	105	105¾	-- ------	-- ------	104⅞ Apr 8	106½ Jun 14
236,000	Morris & Essex 1st 3½s_2000	J-D	35½	Sale	41⅛	Sale	42¼	Sale	41⅛ Aug 1	42¼ Aug 16	35½ Jan 2	43⅞ Feb 14
	Mountain States Tel & Tel—											
4,000	2⅝s debentures_____1986	M-N	76¼	77¼	75½	76¼	75¾	76	75¾ Aug 13	75¾ Aug 13	74½ Apr 18	77¼ Jan 16
----	3⅛s debentures_____1978	A-O	85	--	85⅜	--	85⅜	--	-- ------	-- ------	85 Jan 18	85 Jan 18
	NAFI Corporation—											
141,000	5¼s conv subord debs__1980	M-S	78	Sale	82	83½	83½	83⅞	83 Aug 7	85½ Aug 9	77½ Jan 17	88 Apr 8
4,000	Nashville Chattanooga & St Louis 1st mtge 3s ser B 1986	F-A	69⅛	77	71	77	71	77	71 Aug 14	71 Aug 14	70 Mar 8	71¼ May 16
	National Airlines—											
2,429,000	6s conv subord debs___1976	M-N	162	Sale	222	Sale	273½	Sale	221 Aug 1	273½ Aug 30	149⅝ Jan 16	273½ Aug 30
	National Biscuit Co—											
55,000	4¾s subord debs_____1987	A-O	105¾	106½	104¾	Sale	105½	106½	104¾ Aug 1	105½ Aug 16	104½ July 29	108⅜ Mar 14
2,000	Natl Cash Register 4¾s__1985	J-D	103½	105	103	105	--	105	105 Aug 15	105 Aug 15	103½ Jan 25	105 Aug 15
76,000	4⅜s s f debentures____1987	A-O	102½	103	101	Sale	100	101⅛	101 Aug 1	101⅛ Aug 2	100 July 19	103 Jan 7
	National Cylinder Gas Co—											
93,000	5⅛s conv subord debs__1977	M-S	104½	Sale	106¼	Sale	106	Sale	105 Aug 20	107 Aug 2	104 Jan 4	108¼ Feb 4
18,000	Nat Dairy Prod 2¾s debs_1970	J-D	92	92⅞	91½	Sale	91½	--	91⅛ Aug 29	91½ Aug 1	91 Feb 28	92½ Jan 31
11,000	3s debentures_____1970	J-D	93⅜	Sale	93	94¾	93	94½	93 Aug 13	93 Aug 13	93 Aug 13	95½ Feb 20
7,000	3⅛s debentures_____1976	J-D	91⅛	91½	91⅛	92½	91⅛	91½	91⅛ Aug 8	91½ Aug 13	91⅛ Jan 4	92¾ July 3
67,000	4⅜s s f debentures___1992	M-S	102½	--	100¾	102	100¾	102½	102 Aug 2	102½ Aug 12	101½ Apr 23	103⅞ Mar 11

For footnotes, see page 95

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Sales in August Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
10,000	National Dist & Chem 4¾s '83	M-N	101¾	Sale	102¼	Sale	102⅛	103	102 Aug 5	103 Aug 13	101⅝ Jan 9	103¼ Jan 30
12,000	Natl Distillers Prod 3⅜s 1974	A-O	89	--	90	92	90⅜	--	90¼ Aug 15	90⅜ Aug 23	89¼ Feb 8	90⅜ Aug 23
	National Lead Co —											
76,000	4⅜s subord debs 1988	A-O	--	--	100½	100¾	100⅜	100⅞	100½ Aug 2	100⅞ Aug 9	100 Jun 6	101 Jun 17
1,000	National Steel Corp 3⅛s 1982	M-N	86¼	--	86	88	86	88	86 Aug 28	86 Aug 28	86 July 19	87⅜ Jun 26
6,000	1st mortgage 3⅞s 1986	M-N	96	--	94⅛	95	94¾	96	95¾ Aug 8	95¾ Aug 8	94 July 25	96¾ Feb 25
8,000	1st mortgage 4⅝s 1989	J-D	103¾	--	103	--	103	Sale	103 Aug 23	103 Aug 23	102⅞ Feb 15	104¼ Jan 7
	National Tea Co—											
82,000	3½s subord conv debs 1980	M-N	98½	Sale	98½	Sale	97	98	95 Aug 20	99 Aug 28	95 Aug 20	107 May 23
25,000	5s s f debentures 1977	F-A	102½	--	102⅝	--	102⅞	--	102½ Aug 7	102¾ Aug 20	101 Jun 28	103½ Mar 18
	New England Tel & Tel—											
28,000	3s debentures 1982	A-O	83¼	--	--	--	82¼	--	81½ Aug 14	82¼ Aug 19	81½ Aug 14	85¼ Jan 11
2,000	3s debentures 1974	M-S	87⅞	90	86½	--	87⅜	--	86½ Aug 13	88½ Aug 13	86⅜ July 17	89 Mar 15
----	New Jersey Bell Tel 3⅛s 1988	J-J	80¾	82	81½	--	77⅛	--	-- ------	-- ------	81½ Jun 26	83¾ May 22
----	N J Junction gtd 1st 4s 1986	F-A	68	--	70	85	72	85	-- ------	-- ------	69 Apr 25	69⅛ May 22
----	New Jersey Pwr & Lt 3s 1974	M-S	87	--	87¾	89¼	--	--	-- ------	-- ------	84¾ Mar 8	88 Mar 13
----	New Orl Terminal 3¾s 1977	M-N	90	--	90	--	90	--	-- ------	-- ------	-- ------	-- ------
	New York Central RR—											
864,000	Cons 4s series A 1998	F-A	55½	Sale	61¾	Sale	62⅝	Sale	61⅛ Aug 5	63¼ Aug 29	55½ Jan 2	65 May 29
547,000	Ref & impt 4½s ser A 2013	A-O	59½	Sale	67	Sale	69	Sale	66¼ Aug 5	69½ Aug 19	59½ Jan 2	71 May 29
581,000	Ref & impt 5s ser C 2013	A-O	65½	Sale	75½	Sale	77¾	Sale	75½ Aug 1	77¾ Aug 26	65½ Jan 2	77¾ May 31
163,000	Collateral Trust 6s 1980	A-O	88	Sale	96⅜	Sale	97¾	98½	96 Aug 5	98 Aug 23	88 Jan 2	98 Jun 10
	N Y Cent & Hudson River—											
20,000	Gen mortgage 3½s 1997	J-J	61¼	Sale	65¼	69½	65¼	66	65¼ Aug 2	66 Aug 27	60⅝ Jan 29	70½ Jun 26
17,000	Lake Shore coll g 3½s 1998	F-A	53	Sale	56⅝	59⅞	57	59⅞	56½ Aug 8	58 Aug 6	52½ Feb 5	59⅞ July 1
19,000	Mich Cent coll g 3½s 1998	F-A	52¼	56	60	63⅜	60	62	60 Aug 26	63 Aug 14	52¾ Apr 1	63½ July 18
	New York Chic & St Louis—											
2,000	Ref mtge 3¼s ser E 1980	J-O	86½	--	86¾	--	86¾	--	86¾ Aug 22	86¾ Aug 22	86½ Jan 18	87 Jan 8
----	Ref mtge 3s ser F 1986	A-O	80¼	--	81¼	--	81¼	--	-- ------	-- ------	80½ Jan 21	82 Apr 30
----	4½s inc debentures 1989	J-D	84⅝	88	88	--	89	--	-- ------	-- ------	88 Mar 19	90 Apr 19
14,000	N Y Connect'g RR 2⅞s B '75	A-O	59¾	Sale	70	71	70⅛	71	70 Aug 6	70⅛ Aug 19	59¾ Jan 2	70⅛ Aug 19
----	N Y & Harlem gold 3½s 2000	M-N	84	--	88	--	88	--	-- ------	-- ------	89 May 8	89 May 8
3,000	Mtge 4s series A 2043	J-J	68⅛	70¾	72	75⅛	72	75⅞	75 Aug 6	76 Aug 16	70¾ Jan 7	76 July 19
6,000	Mtge 4s series B 2043	J-J	69½	--	73½	76	73½	75⅞	73½ Aug 6	76 Aug 12	70 Jan 3	76 July 16
38,000	N Y Lack & West 4s ser A 1973	M-N	43	45	47⅛	49	49⅞	Sale	47⅛ Aug 2	50⅜ Aug 28	43⅛ Jan 7	55⅛ Feb 18
31,000	Gtd 4½s series B 1973	M-N	46	47½	53¼	Sale	54	55	52¾ Aug 12	54½ Aug 14	46⅛ Jan 14	58 Feb 15
	N Y New Haven & Hartf'd RR											
1,136,000	‡△1st & ref M 4s ser A 2007	J-J	16⅝	Sale	18¾	Sale	19⅞	Sale	18⅜ Aug 9	20¼ Aug 20	16⅝ Jan 2	20⅞ Feb 14
1,822,000	‡△Gen mtge inc 4½s A 2022	May	6½	Sale	7	Sale	7¾	8¼	6¾ Aug 1	8⅝ Aug 21	6⅜ May 9	8⅝ Aug 21
	Harlem Riv & Port Chester											
30,000	‡△1st mtge 4¼s ser A 1973	J-J	--	65½	51	55	51	55	53 Aug 5	54 Aug 28	50 May 15	55½ July 26
14,000	N Y Power & Lt 2¾s 1975	M-S	86	Sale	86½	--	85¾	--	86½ Aug 19	87¼ Aug 6	85½ May 14	87¼ Jan 14
1,000	N Y & Putnam 1st gtd 4s 1993	A-O	55½	Sale	64	--	63½	--	64 Aug 20	64 Aug 20	55½ Jan 2	64¾ Jun 27
----	N Y State El & Gas 2¾s 1977	J-J	--	84	80	--	79¼	--	-- ------	-- ------	79¼ Jun 6	82 Feb 1
	‡N Y Susquehanna & West'n											
8,000	Term 1st mtge 4s 1994	J-J	63⅞	--	67¼	--	69	--	70 Aug 13	70 Aug 13	64½ Jan 23	70 Aug 13
20,000	1st & cons M 4s ser A 2004	J-J	57	59¾	65	--	65	--	65 Aug 5	65 Aug 5	59¾ Jan 11	65 Jan 31
53,000	△Gen mtge 4½s ser A 2019	May	29½	35	28⅝	30	30	32	28½ Aug 6	31 Aug 28	25½ Apr 26	35½ Feb 13
3,000	N Y Telephone 2¾s ser D 1982	J-J	79⅞	80¾	80¼	80¾	79½	80	79½ Aug 26	79½ Aug 26	79½ Aug 26	81¾ Feb 21
4,000	3⅛s series E 1978	F-A	86⅜	88	86½	88	87	88	87 Aug 19	87 Aug 19	85¾ July 26	87½ Jan 29
28,000	3s series F 1981	J-J	84¼	Sale	83	Sale	84	Sale	83 Aug 1	84 Aug 30	83 July 18	84¾ Jan 3
----	3s series H 1989	A-O	80	81½	79	83½	77½	80½	-- ------	-- ------	78½ Jun 13	83½ Jun 4
3,000	3⅜s series I 1996	A-O	--	86	81	84¼	83½	87¾	83½ Aug 13	83½ Aug 13	81 Apr 30	84¼ Mar 25
37,000	4½s series J 1991	M-N	101⅞	Sale	102½	Sale	103	Sale	101½ Aug 23	103⅛ Aug 20	101½ Aug 23	104⅝ Feb 27
39,000	4⅛s series K 1993	J-J	98⅛	Sale	96¼	97¼	96¼	97¾	96¾ Aug 9	98 Aug 8	96¼ July 30	99¼ Feb 13
	Niagara Mohawk Power Corp											
6,000	General mtge 2¾s 1980	J-J	77⅝	80	80	Sale	79⅛	81	80 Aug 1	80 Aug 1	77½ Jan 15	81⅜ Mar 28
5,000	General mtge 2⅞s 1980	A-O	83	Sale	81	--	81	--	82 Aug 9	82 Aug 9	81¼ July 9	84¼ Feb 14
----	General mtge 3¼s 1983	A-O	85	87	85½	86¾	85½	86¾	-- ------	-- ------	85½ July 25	87¼ Mar 26
10,000	General mtge 3½s 1983	F-A	89¼	91¼	85	--	85	--	88⅝ Aug 28	88⅝ Aug 28	88⅝ Aug 28	91 Jan 9
40,000	General mtge 4⅞s 1987	M-S	104½	Sale	105⅛	Sale	104¼	105⅜	104¼ Aug 2	105¾ Aug 19	104 Jan 7	106⅝ Mar 7
	Nopco Chemical Co—											
88,000	4¾s conv sub debs 1987	J-J	112½	115	110½	113	111¼	113	111 Aug 9	113 Aug 2	110 July 22	120 Jan 7
75,000	Norfolk & Western 1st 4s 1996	A-O	94½	97	94⅛	Sale	94⅜	Sale	94⅛ Aug 1	95⅞ Aug 13	94⅛ Jan 7	97 Feb 20
	Northern Central Ry—											
----	Gen & ref 5s ser A 1974	M-S	88⅝	--	96½	--	96½	--	-- ------	-- ------	91 Apr 15	96¼ Jun 17
4,000	Gen & ref 4½s ser A 1974	M-S	83¾	--	91⅛	--	93⅛	95	91⅜ Aug 6	91⅜ Aug 6	87 Jan 14	91⅜ Aug 6
	Northern Natural Gas Co—											
----	3⅝s s f debentures 1973	M-N	93	96	95	97	95	96½	-- ------	-- ------	93 Jan 17	96 Mar 8
9,000	3¼s s f debentures 1973	M-N	93¼	94¼	92½	Sale	92½	94	92½ Aug 1	92⅞ Aug 6	92½ Jun 27	94 Jan 4
10,000	3¼s debentures 1974	M-N	93	--	95⅛	--	95	--	95½ Aug 27	95½ Aug 27	94½ Mar 18	96¼ Apr 9
10,000	4½s s f debentures 1976	M-N	100⅝	101⅜	100	101	100	101	101 Aug 12	101 Aug 12	99¼ May 3	102 Feb 12
2,000	4⅝s s f debentures 1977	M-N	101	--	100⅞	103¾	100⅞	103⅝	103¾ Aug 9	103¾ Aug 9	102 Jun 6	104½ Mar 4
15,000	4⅝s s f debentures 1978	M-N	102⅝	--	101	102½	101	102	101 Aug 9	101 Aug 19	100½ July 22	103½ Jan 18
9,000	4⅞s s f debentures 1980	M-N	--	--	104	Sale	103⅛	104⅛	104 Aug 1	104½ Aug 1	103 Jan 7	105 Feb 4
19,000	5⅛s s f debentures 1979	M-N	--	104⅞	104⅝	--	103⅝	105	103⅞ Aug 26	104 Aug 26	103 Jan 8	104¾ May 2
----	4⅞s s f debentures 1981	M-N	102¼	106¼	103½	--	103½	--	-- ------	-- ------	103½ July 15	105½ Mar 13
5,000	4⅝s s f debentures 1981	M-N	103⅛	--	--	102	100	102½	100½ Aug 7	100½ Aug 7	100½ Aug 7	103⅛ Jun 7
25,000	4⅜s s f debentures 1983	M-N	--	--	--	--	99⅜	99⅞	99⅞ Aug 23	100⅛ Aug 9	99⅞ Aug 23	100⅛ Aug 9
52,000	North'n Pac Ry prior lien 4s '97	Q-Jan	87⅜	Sale	90½	91	90½	91	90½ Aug 5	90⅞ Aug 12	87¼ Jan 3	91¼ July 11
58,000	General lien 3s Jan 2047	Q-Feb	59⅛	Sale	61½	Sale	60⅞	63	60 Aug 15	62⅛ Aug 13	59⅛ Jan 2	62½ Mar 26
96,000	Ref & impt 4½s ser A 2047	J-J	93⅝	Sale	95	96	94½	95¼	94½ Aug 15	96⅜ Aug 16	93 Jan 2	98 Feb 18
23,000	Collateral trust 4s 1984	A-O	93⅝	94½	95	96	95½	96	95 Aug 8	95½ Aug 26	94 Jan 9	96 Feb 7
	Northern States Power Co—											
----	(Minn) 1st mtge 2¾s 1974	F-A	84	--	84¼	--	83	--	-- ------	-- ------	83 Jan 8	86 Jun 19
12,000	1st mortgage 2¾s 1975	A-O	86	Sale	85¾	Sale	85	--	85¼ Aug 9	85¾ Aug 1	84½ July 9	86½ Jan 9
----	1st mortgage 3s 1978	J-J	--	--	83¼	--	83¼	--	-- ------	-- ------	84 July 16	85¾ Mar 18
----	1st mortgage 2¾s 1979	F-A	77	83	--	--	--	--	-- ------	-- ------	80 Jan 7	80 Jan 7
7,000	1st mortgage 3¼s 1982	J-D	87	--	85	85¾	85	87	85 Aug 5	85¾ Aug 2	85 July 23	86⅞ Feb 7
25,000	1st mortgage 3⅛s 1984	A-O	82	--	83¼	Sale	--	--	83¼ Aug 1	83¼ Aug 1	83 Jun 9	85 Jan 9
----	1st mortgage 4¼s 1986	M-S	97½	101⅝	--	--	--	--	-- ------	-- ------	97 July 12	100 Jan 17
4,000	1st mortgage 4s 1988	J-J	96	Sale	94	95¾	94½	95¾	94½ Aug 7	94⅝ Aug 14	94 Apr 15	97½ Jan 7
9,000	1st mortgage 5s 1990	J-D	104	Sale	104	Sale	104½	--	104 Aug 1	104½ Aug 27	103⅝ Jun 21	105 Jun 27
----	1st mortgage 4⅞s 1991	F-A	--	--	103½	--	103½	--	-- ------	-- ------	103½ Feb 18	104 Jan 7
----	1st mortgage 4⅜s 1992	J-D	--	--	100½	--	--	100½	-- ------	-- ------	-- ------	-- ------
----	(Wisc) 1st mtge 2⅝s 1977	A-O	82¼	--	82¾	--	82¾	--	-- ------	-- ------	82¾ Apr 22	83¾ Feb 26
----	1st mortgage 3s 1979	M-S	80	--	82½	--	82½	--	-- ------	-- ------	-- ------	-- ------
13,000	1st mortgage 4⅝s 1987	J-D	102	104	101½	--	100¾	101½	101½ Aug 13	101½ Aug 13	101½ July 8	104 Mar 6
	Northrop Corp—											
650,000	5s conv subord debs 1979	J-J	125½	Sale	120	Sale	120⅞	121¾	114⅝ Aug 16	123 Aug 27	114⅝ Aug 16	134¼ Jan 14
----	Northwest'n Bell Tel 2¾s '84	J-D	77	--	75¼	--	75¼	--	-- ------	-- ------	75 Apr 8	77 Jan 21
----	3¼s debentures 1996	F-A	80¼	--	79	--	79	--	-- ------	-- ------	80⅜ Jun 14	80⅜ Jun 14
9,000	Ohio Edison Co 1st 3s 1974	M-S	87½	89½	88⅝	--	89½	--	88⅝ Aug 7	88¾ Aug 13	87 Jun 28	91 Feb 12
10,000	1st mortgage 2¾s 1975	A-O	84½	Sale	85½	85⅞	85½	--	85 Aug 14	85½ Aug 2	84½ Jan 2	86½ Jan 14
----	1st mortgage 2⅞s 1980	M-N	84	--	79⅜	--	79⅜	--	-- ------	-- ------	-- ------	-- ------
6,000	Oklahoma Gas & El 2¾s 1975	F-A	84	86½	85½	Sale	85¼	85½	85 Aug 14	85½ Aug 1	84½ Jan 8	86½ Jan 14
----	1st mortgage 3s 1979	J-D	--	--	81½	--	81½	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 2⅞s 1980	M-N	--	--	82	83¾	79⅜	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3⅜s 1982	M-S	85½	--	83¾	--	83¾	--	-- ------	-- ------	85 Jun 27	85 Jun 27
----	1st mortgage 3¼s 1985	J-D	--	--	80½	--	80½	--	-- ------	-- ------	-- ------	-- ------
----	1st mortgage 3⅞s 1988	J-D	--	95	88	--	88	--	-- ------	-- ------	95 Jan 3	95 Jan 3
1,000	1st mortgage 4½s 1987	J-J	103⅛	--	100⅛	102	100⅞	102	100 Aug 13	100 Aug 13	100 July 24	102½ Jun 24
5,000	1st mortgage 4¼s 1993	M-S	--	--	99¾	--	99¾	--	99¾ Aug 26	99¾ Aug 26	99½ Apr 26	99¾ Jun 13
	Olin Mathieson Chemical Corp											
386,000	5½s conv sbord debs 1982	M-N	113⅝	Sale	118	Sale	120¾	Sale	117½ Aug 2	121 Aug 15	113⅛ Jan 2	121 Aug 15
219,000	5½s conv subord debs 1983	M-S	113¼	Sale	118	Sale	120	Sale	117¼ Aug 1	121 Aug 28	113 Jan 2	121 Aug 28
2,000	Owens-Illinois Glass 3¾s 1988	J-D	92½	95	91½	93¼	92½	94¾	92½ Aug 19	92½ Aug 19	92 July 30	95 Feb 20
	Oxford Paper Co—											
60,000	4¾s conv subord debs 1978	A-O	112	Sale	100	112	109⅛	Sale	107¼ Aug 16	111 Aug 5	107¼ Aug 16	116½ Mar 15

For footnotes, see page 95.

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Sales in August Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN AUGUST — Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	Pacific Gas & Electric Co—											
----	1st & refunding mortgage 3½s series I 1966	J-D	97¾	98½	98⅜	--	98⅜	--	-- ------	-- ------	97 Feb 25	98½ Feb 8
40,000	3s series J 1970	J-D	92⅞	--	91¾	--	91	91¾	90⅝ Aug 27	92⅜ Aug 7	90⅝ Aug 27	94⅛ Jan 11
24,000	3s series K 1971	J-D	92⅝	Sale	91	91½	90⅞	--	90⅛ Aug 29	91⅝ Aug 12	90⅛ Aug 29	94½ Feb 7
134,000	3s series L 1974	J-D	90	Sale	88⅝	Sale	89¾	Sale	88½ Aug 9	89⅞ Aug 23	88¼ Jun 16	91 Jan 16
45,000	3s series M 1979	J-D	85½	86	85¼	Sale	--	85½	84⅞ Aug 1	85½ Aug 2	84⅛ Jun 27	86½ Mar 27
23,000	3s series N 1977	J-D	87	87¼	86⅜	--	85½	86½	86⅜ Aug 22	86¾ Aug 6	85 Apr 16	87½ Mar 14
16,000	2¾s series P 1981	J-D	81	Sale	79½	81½	79¾	82½	79½ Aug 8	80 Aug 14	79½ Aug 8	82 Jan 21
17,000	2⅞s series Q 1980	J-D	84	Sale	81	83	81¼	--	81½ Aug 26	83¼ Aug 13	80½ July 26	84¾ Jan 23
----	3⅛s series R 1982	J-D	84¾	87	--	--	--	--	-- ------	-- ------	84¾ May 15	84¾ May 15
26,000	3s series S 1983	J-D	83	Sale	--	83½	82½	83½	82⅝ Aug 29	82¾ Aug 19	82⅝ Aug 29	83⅞ Feb 1
6,000	2⅞s series T 1976	J-D	85⅝	87¼	84¾	85⅜	85⅜	87¼	84¾ Aug 12	85⅜ Aug 14	84¾ Aug 12	86⅛ Mar 21
26,000	3⅜s series U 1985	J-D	87⅞	Sale	86⅜	Sale	86⅝	Sale	85½ Aug 1	87¼ Aug 9	85½ Aug 1	88 Jan 23
4,000	3⅛s series W 1984	J-D	85	--	82¾	84¼	82¾	--	82¾ Aug 27	82¾ Aug 27	82 Mar 29	85½ Jan 21
12,000	3⅛s series X 1984	J-D	85	--	83½	--	83½	--	83½ Aug 2	84 Aug 27	83 July 5	86 Jan 21
20,000	3⅜s series Y 1987	J-D	86½	87¾	85⅝	86⅜	86	87¼	85½ Aug 7	86 Aug 13	85½ July 12	88 Jan 24
10,000	3⅜s series Z 1988	J-D	84½	--	84¼	86½	85	88	84¼ Aug 19	85 Aug 22	84¼ Aug 19	85⅛ May 13
65,000	4½s series AA 1986	J-D	102	--	101¾	Sale	101½	102¼	101 Aug 14	101¾ Aug 1	100⅛ Apr 15	104 Jan 30
31,000	5s series BB 1989	J-D	105½	Sale	105½	Sale	105	106½	105 Aug 8	105¾ Aug 1	104⅝ Apr 11	106¾ May 21
42,000	3¾s series CC 1978	J-D	95¾	Sale	93⅝	--	93⅝	94¼	93⅝ Aug 7	94¼ Aug 7	93¼ July 9	97 Mar 12
46,000	4½s series DD 1990	J-D	103	103¾	100⅞	Sale	101⅞	--	100¾ Aug 1	101¾ Aug 2	100¾ July 31	104 Apr 3
87,000	5s series EE 1991	J-D	102	106	106	Sale	105⅛	106	105 Aug 6	106½ Aug 9	104 Mar 6	106½ Feb 14
13,000	5⅝s series FF 1992	J-D	103	Sale	103⅞	105¼	103⅜	105¼	103¼ Aug 8	103⅞ Aug 2	102½ May 6	104½ Mar 25
10,000	4½s series GG 1993	J-D	102¼	Sale	102⅞	--	--	103	103 Aug 7	103 Aug 7	101½ May 31	104½ Mar 11
9,000	4⅞s series HH 1994	J-D	102⅝	103⅜	100	102	101	101¾	100¾ Aug 19	101¾ Aug 14	100 Jun 5	103⅜ Jan 7
82,000	4¼s series II 1995	J-D	--	--	99	99⅞	99½	99¾	99¼ Aug 6	100 Aug 6	99 July 24	100⅝ Jan 16
34,000	Pacific Tel & Tel 2¾s debs '85	J-D	--	79⅝	78	79	77½	78	77⅛ Aug 7	78 Aug 7	76½ July 16	80 Jan 9
3,000	2⅞s debentures 1986	A-O	79½	--	--	78⅝	--	79	78⅝ Aug 5	79 Aug 7	77½ May 9	80¾ Jan 16
25,000	3⅛s debentures 1987	A-O	--	83⅝	--	82⅞	80½	81¼	80 Aug 13	82 Aug 6	80 Aug 13	84¼ Mar 13
8,000	3¼s debentures 1978	M-S	89	Sale	88⅜	89½	88½	89½	88 Aug 21	88½ Aug 20	87¾ Apr 23	90 Jan 15
30,000	3⅛s debentures 1983	M-S	85	87	82½	85	80	84¼	84¼ Aug 13	84¼ Aug 13	83 July 30	87 Mar 26
----	3½s debentures 1981	M-N	90	--	86	--	88⅝	89⅝	-- ------	-- ------	88½ July 11	90¾ Mar 21
14,000	3⅝s debentures 1991	F-A	91¼	--	88⅜	89	89	89¾	88 Aug 7	89 Aug 2	88 Aug 7	91¾ Jan 28
89,000	4⅜s debentures 1988	F-A	101¼	Sale	100¼	100⅞	100⅞	102¼	100¼ Aug 8	100⅞ Aug 6	100 May 29	103 Feb 18
----	Pacific Western Oil 3½s 1964	J-D	85	--	--	99½	--	--	-- ------	-- ------	— ------	— ------
	Pan Amer World Airways—											
5,133,000	4⅞s conv subord debs 1979	F-A	104¾	Sale	133½	Sale	149	Sale	133½ Aug 1	149¾ Aug 30	104¾ Jan 2	149¾ Aug 30
53,000	Pennsyl Pwr & Light 3s 1975	A-O	88¼	Sale	87⅛	87⅝	87⅜	Sale	87¼ Aug 7	87¾ Aug 9	85½ July 10	89¼ Jan 16
	Pennsylvania RR—											
230,000	General 4½s ser A 1965	J-D	100½	Sale	100⅝	101	100⅝	Sale	100⅝ Aug 2	101⅛ Aug 20	100 Jan 3	101½ Jan 24
151,000	General 5s ser B 1968	J-D	101¼	Sale	102⅝	Sale	103¼	Sale	102 Aug 26	103⅜ Aug 6	101 Jan 3	103½ May 27
158,000	General 4¼s ser D 1981	A-O	75	Sale	81	81¾	81¾	Sale	80¼ Aug 22	82¼ Aug 19	74½ Jan 2	83 Jun 6
64,000	Gen mtge 4¼s ser E 1984	J-J	74	Sale	81½	Sale	82⅛	83	81 Aug 5	83 Aug 20	74 Jan 2	83 Aug 20
3,000	Gen mtge 3⅛s ser F 1985	J-J	58¾	59¾	64¼	Sale	64½	--	64¼ Aug 1	64½ Aug 12	59 Jan 29	65½ Jun 3
5,000	△Peoria & Eastn Ry 4s 1990	April	66⅞	68	70½	71	69	70½	70 Aug 9	70½ Aug 9	68 Jan 22	75 Mar 4
	Pere Marquette Ry Co—											
43,000	1st mtge 3⅜s ser D 1980	M-S	89	—	88⅞	90¾	90⅛	91¼	88⅞ Aug 8	91 Aug 29	88⅞ July 16	91½ Mar 12
	Phila Balt & Wash RR—											
4,000	General 5s series B 1974	F-A	99¼	100	102	--	103	--	102 Aug 20	103 Aug 29	99 Jan 22	103 Aug 29
----	General gold 4½s ser C 1977	J-J	83⅝	—	92	95	--	93⅜	-- ------	-- ------	84¾ Jan 7	96 Jun 25
	Philadelphia Electric Co—											
1,000	1st & refunding 2¾s 1971	J-D	90¼	90⅝	89½	90¼	89½	89¾	89½ Aug 16	89½ Aug 16	89 Apr 23	90¾ Jan 15
39,000	1st & refunding 2¾s 1967	M-N	95⅛	95¾	94½	95	94½	94¾	94 Aug 12	95 Aug 7	94 Aug 12	96 Jan 21
24,000	1st & refunding 2¾s 1974	M-N	--	--	86⅜	87	85¾	87	85¾ Aug 22	86⅞ Aug 15	83 Apr 17	86⅞ Aug 15
----	1st & refunding 2¾s 1981	J-D	80⅜	82	80⅛	80½	79¼	80½	-- ------	-- ------	79½ July 26	81½ May 6
10,000	1st & refunding 2⅞s 1978	F-A	84⅛	86	82¼	--	82½	--	82¼ Aug 13	82¼ Aug 13	82 Mar 26	85⅝ Feb 26
----	1st & refunding 3¼s 1982	J-J	85¾	--	84¾	87½	85⅛	--	-- ------	-- ------	84¼ July 17	87½ Feb 19
----	1st & refunding 3⅛s 1983	J-D	--	84¼	83⅝	84	83½	84	-- ------	-- ------	83 Jun 11	84¼ Jan 9
8,000	1st & refunding 3⅛s 1985	A-O	83	--	83	84	82¾	83⅞	82 Aug 8	83 Aug 19	82 Aug 8	85¾ Apr 22
15,000	1st & refunding 4⅝s 1987	M-S	103½	104½	102¾	103½	--	103¾	103½ Aug 5	103¾ Aug 27	102 May 3	104¼ July 5
4,000	1st & refunding 3¾s 1988	M-N	93¼	94	91¼	92¼	91¼	94	92¼ Aug 7	92½ Aug 8	90 Jun 4	94½ Mar 6
17,000	1st & refunding 4⅜s 1986	J-D	102⅛	--	101⅛	--	100	--	100⅝ Aug 15	101⅛ Aug 5	100 Apr 18	104 Feb 19
28,000	1st & refunding 5s 1989	A-O	105¼	--	106⅝	108⅛	107⅜	108⅛	106⅝ Aug 16	107⅜ Aug 26	105 Jan 3	107⅜ Aug 26
2,000	Phillip Morris Inc 4⅞s 1979	J-D	103½	Sale	102	--	102	--	102 Aug 12	102 Aug 12	102 July 31	104¾ Jan 11
14,000	Phillips Petroleum 2¾s 1964	F-A	99	102½	99 3/32	102½	99 3/32	102½	99 3/32 Aug 6	99 3/32 Aug 6	98⅝ Feb 5	99 3/32 July 8
1,751,000	4¼s conv subord debs 1987	F-A	114⅝	Sale	114	Sale	114½	Sale	113⅛ Aug 1	115½ Aug 23	112¼ Feb 28	119½ May 22
----	Pillsbury Co 4⅝s sf debs 1986	J-D	103¼	--	101½	104½	101½	104½	-- ------	-- ------	101¾ May 20	101¾ May 20
2,000	Pillsbury Mills 3⅛s debs 1972	J-D	93¾	--	98	Sale	98	--	98 Aug 1	98 Aug 1	93 Jun 21	98 Aug 1
	Pitts Bessemer & L Erie RR—											
----	1st mtge 2⅞s series A 1996	J-D	74½	--	74½	--	74½	--	-- ------	-- ------	75 May 2	75 May 2
	Pitts Cin Chic & St L Ry—											
----	Cons gtd 4½s ser J 1964	M-N	--	--	99½	--	99½	--	-- ------	-- ------	99¼ Jan 30	99¾ Jan 30
	Pgh Cinc Chic & St Louis RR											
105,000	General 5s series A 1970	J-D	93	94	100½	Sale	100	Sale	99 Aug 15	100½ Aug 1	94 Jan 3	101 July 19
56,000	General 5s series B 1975	A-O	90⅛	--	98¼	Sale	99	Sale	97 Aug 22	99 Aug 30	91⅛ Jan 9	99 Aug 30
23,000	Gen mtge 3⅜s ser E 1975	A-O	71½	--	75⅝	--	75¾	--	75¾ Aug 23	77¼ Aug 8	71¾ Jan 9	77¼ Aug 28
5,000	Pgh Consolid'n Coal 3½s '65	J-J	98¼	--	98⅝	99½	98⅜	99½	98⅜ Aug 8	98⅝ Aug 6	98⅜ Aug 8	99¼ Feb 11
11,000	Pittsburgh Plate Glass 3s 1967	A-O	97⅛	--	97½	Sale	97⅛	--	97⅛ Aug 15	97½ Aug 1	97⅛ Apr 5	98 Jan 10
	Pittsburgh & West Virginia Ry											
----	3⅞s series A 1984	M-S	--	--	70	--	70	--	-- ------	-- ------	-- ------	— ------
	Pittsburgh Youngstown & Ashtabula Ry—											
----	1st gen 5s ser C 1974	J-D	--	--	--	--	--	--	-- ---- --	-- ------	-- ------	-- ------
----	1st 4½s series D 1977	J-D	--	--	--	--	--	--	-- ---- --	-- ------	-- ------	-- ------
----	Planation Pipe Line 3¾s 1970	M-S	88¼	--	90	--	90	--	-- ---- --	-- ------	88¼ Jan 25	90 Jun 21
----	3½s s f debentures 1986	A-O	88	--	88	--	88	--	-- ---- --	-- ------	89 Jun 13	89 Jun 13
	Potomac Electric Power—											
----	1st mtge 3¼s 1977	F-A	--	--	86	--	86	--	-- ---- --	-- ------	-- ------	— ------
----	1st mortgage 3s 1983	J-J	76	--	76	84½	76	--	-- ---- --	-- ------	83½ Mar 8	84 Apr 24
----	1st mortgage 2⅞s 1984	M-N	--	--	76⅛	--	76⅛	--	-- ---- --	-- ------	-- ------	-- ------
43,000	Procter & Gamble 3⅞s 1981	M-S	96¼	97¾	95⅝	98	95⅜	Sale	95 Aug 23	96 Aug 2	95 July 22	98 Feb 21
	Public Service E & G Co—											
365,000	3s debentures 1963	M-N	99½	Sale	99 13/32	Sale	99⅞	Sale	99 7/16 Aug 19	99 13/32 Aug 1	99 7/16 Aug 19	100 July 11
4,000	1st & ref mtge 3¼s 1968	J-J	95⅜	--	94	--	94⅜	--	94 Aug 2	94 Aug 2	94 July 23	97 Feb 6
1,000	1st & ref mtge 5s 2037	J-J	108	110¾	110	--	110¼	110¾	110¼ Aug 23	110¼ Aug 23	108 Jan 18	110¼ Aug 23
----	1st & ref mtge 8s 2037	J-D	166	--	160	--	160	--	-- ------	-- ------	170 Feb 1	170⅛ May 16
15,000	1st & ref mtge 3s 1972	M-N	86¾	--	91	Sale	85½	--	91 Aug 1	91 Aug 1	90½ Feb 26	92 Jan 14
----	1st & ref mtge 2⅞s 1979	J-D	83¾	--	84⅛	--	84⅛	--	-- ------	-- ------	83½ Jun 18	85 Jan 11
9,000	3⅜s debentures 1972	J-D	93¾	Sale	93	--	93	--	93 Aug 13	94 Aug 20	93 Aug 13	94⅝ May 21
----	1st & ref mtge 3¼s 1983	A-O	86⅛	--	86	--	86	--	-- ---- --	-- ---- --	86 July 5	87½ Jan 7
9,000	3½s debentures 1975	A-O	92½	--	93⅞	--	93	94½	93 Aug 27	93⅞ Aug 19	92¼ Mar 8	94 July 25
68,000	4⅝s debentures 1977	M-S	101½	104	102	102½	102⅜	Sale	101½ Aug 8	102⅝ Aug 15	101½ July 23	105 Jan 31
5,000	Quaker Oats 2⅝s debs 1964	J-J	98⅝	--	98 31/32	99½	99	99½	99 Aug 22	99 Aug 22	98⅛ Feb 27	99 July 9
62,000	Reading Co 3⅛s ser D 1995	M-N	45	Sale	55⅛	56¼	54⅝	Sale	54¼ Aug 15	56¼ Aug 2	45 Jan 2	58¼ Jun 28
14,000	Republic Steel 4⅜s debs 1985	M-S	101¾	--	100¼	Sale	100¼	101¼	100¼ Aug 1	101¼ Aug 29	100¼ July 30	102¾ Jan 11
13,000	Reynolds (R J) Tob 3s 1973	A-O	89½	--	91	92¾	89¾	92¾	90 Aug 26	91 Aug 14	89½ Jan 9	92 Jun 24
----	Rheem Mfg Co 3⅞s debs 1975	F-A	85	--	85	--	85	--	-- ---- --	-- ------	85 Jan 21	85⅝ Apr 4
	Richfield Oil Corp—											
2,426,000	4⅜s conv subord debs 1983	A-O	120	122⅛	125¾	Sale	142¾	Sale	123¼ Aug 5	142¾ Aug 30	122 Jan 3	142¾ Aug 30
	Rochester Gas & Electric—											
----	4½s series D 1977	M-S	--	--	100	--	100	--	-- ---- --	-- ------	100 Apr 26	100 Apr 26
----	Gen mtge 3¼s ser J 1969	M-S	94	--	94½	96	94½	96	-- ---- --	-- ------	94¾ Feb 14	96 Jun 14
	Rohr Aircraft Corp—											
355,000	5¼s conv subord debs 1977	J-J	109¾	Sale	107¼	Sale	107½	Sale	106½ Aug 5	108 Aug 23	106 Mar 1	111 Jun 3
	Royal McBee Corp—											
129,000	6¼s conv subord debs 1977	J-D	104	Sale	105	Sale	106	Sale	102½ Aug 21	106 Aug 6	102 Jan 2	107 Jun 24
----	Saguenay Power 3s ser A 1971	M-S	88½	--	89½	--	89	--	-- ------	-- ------	89½ July 23	90½ Jun 26
2,000	St Lawr & Adirondack 5s 1996	J-J	61	69	67½	74⅞	68	74⅞	67½ Aug 27	67½ Aug 27	62¼ Jan 3	74⅞ July 15
1,000	2nd gold 6s 1996	A-O	66⅛	71	76⅛	--	76⅛	--	76⅛ Aug 14	76⅛ Aug 14	66¼ Feb 1	76⅛ July 19

For footnotes, see page 95

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Sales in August Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1962 Opening or Bid	Price Jan. 2, 1962 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	St Louis-San Fran Ry—											
61,000	1st mtge 4s series A___1997	J-J	76½	Sale	80½	81¼	81	82½	81 Aug 9	82 Aug 13	76½ Jan 2	83 Jun 17
330,000	△2nd inc M 4½s A Jan 2022	May	74⅛	Sale	82	83½	83½	85	82 Aug 5	84 Aug 15	74 Jan 2	85¾ July 18
42,000	1st mtge 4s series B___1980	M-S	72	—	—	—	85	87½	87½ Aug 15	87½ Aug 15	83¼ May 8	87½ Aug 15
193,000	△5s inc debs ser A Jan 2006	M-N	69¼	Sale	81	Sale	82¼	85	81 Aug 1	82¾ Aug 29	69¼ Jan 2	83 Jun 3
	St Louis Southwestern Ry—											
1,000	1st 4s bonds ctfs_____1989	M-N	89	92½	91	—	91	—	91 Aug 14	91 Aug 14	89 Jan 7	92¼ Feb 11
----	2nd gold 4s inc bd Nov 1989	J-J	80¼	—	84⅜	—	84⅜	—	— —	— —	80¼ Apr 15	84¼ July 3
8,000	St Paul & Duluth RR 4s_1968	J-D	92½	97½	94½	97⅜	94⅝	97⅜	94⅝ Aug 19	94¾ Aug 14	94⅛ Apr 10	96 Jun 28
----	St Paul Un Dep 3⅛s ser B_'71	A-O	85½	—	87⅝	—	87⅝	—	— — — —	— —	85½ Jan 29	87⅝ Mar 17
	Scioto Val & New Eng RR—											
2,000	1st guaranteed 4s_____1989	M-N	90⅛	91	88¼	—	93	—	92¾ Aug 2	92¾ Aug 2	91 Jan 30	94⅝ Mar 27
1,680,000	Scott Paper 3s conv debs_1971	M-S	127	Sale	129½	Sale	148⅛	Sale	128½ Aug 2	148½ Aug 30	120½ Mar 19	148½ Aug 30
----	Scovill Mfg 4¾s debs____1982	J-J	99	—	100	—	100	—	— —	— —	100 May 22	100 May 22
	Seaboard Air Line RR Co—											
----	1st mtge 3s series B___1980	M-N	79⅜	81	80⅛	—	80⅛	—	— —	— —	79⅜ Jan 9	80⅛ Jan 22
2,000	3⅞s s f debentures____1977	M-S	87	—	87¼	Sale	88	—	87¼ Aug 1	87¼ Aug 1	87¼ Feb 11	87¼ Feb 11
	Seaboard Finance—											
9,000	5¼s debentures_____1980	J-J	103⅝	—	104½	105	104½	—	104½ Aug 2	105¼ Aug 22	102¼ Feb 20	106½ July 8
	Seagram (Jos E) & Sons—											
----	2½s debentures_____1966	J-D	94⅞	96¾	96¾	—	96¾	—	— — — —	— —	95¼ Jan 22	96¾ May 14
----	3s debentures_____1974	J-D	86½	—	86½	—	86½	—	— — — —	— —	86¾ Apr 23	86¾ Apr 23
	Sears Roebuck Acceptance Corp											
22,000	4⅝s debentures_____1972	F-A	102½	Sale	103	103¾	—	103½	103 Aug 13	103½ Aug 20	102 May 2	104 Jan 15
57,000	4⅝s subord debs_____1977	M-N	100¼	102½	101	101½	101½	101⅞	101¼ Aug 13	102 Aug 22	101 Jan 23	103½ Feb 19
51,000	5s debentures_____1982	J-J	106	107	106	Sale	105	106½	105 Aug 23	106⅞ Aug 20	105 Jan 9	107¼ Jun 28
259,000	Sears Roebuck & Co 4¾s_1983	F-A	105⅜	Sale	104¾	Sale	104⅛	104½	104 Aug 23	104⅞ Aug 1	104 July 24	105¾ Jun 17
	Seiberling Rubber Co—											
6,000	5s conv subord debs___1979	J-J	78⅝	79	84	86	84	87	84 Aug 27	86 Aug 6	78 Jan 30	90 Jun 18
8,000	Service Pipe Line 3.20s___1982	A-O	90⅞	—	92	93½	92	—	92 Aug 19	92 Aug 19	90⅞ Jan 10	92½ Mar 7
47,000	Shell Oil Co 4⅝s debs___1986	F-A	105½	Sale	103⅞	Sale	104⅛	105	103¾ Aug 13	105 Aug 28	103½ July 11	105¾ Feb 19
38,000	Shell Union Oil 2½s debs_1971	A-O	90¼	91	89⅜	89¾	89⅜	89⅞	89¼ Aug 23	89⅝ Aug 12	88⅝ May 22	90½ Mar 20
	Sinclair Oil Corp—											
887,000	4⅜s conv subord debs__1986	J-D	101⅛	Sale	103¼	Sale	104⅛	Sale	103¼ Aug 1	104¾ Aug 27	100⅝ Jan 3	104¾ Aug 27
8,000	Skelly Oil 2¾s debs_____1965	J-J	99¼	—	99¼	99⅞	99¼	99⅞	99¼ Aug 29	99¼ Aug 29	99⅛ Apr 16	99½ Mar 6
	Smith-Corona Marchant—											
169,000	5¼s conv subord debs__1979	J-J	102¼	Sale	99	100½	100	Sale	98 Aug 7	100½ Aug 2	98 Aug 7	108 Jan 29
	Socony Mobil Oil Co Inc—											
400,000	4¼s debentures _____1993	J-D	84⅛	85	99⅞	Sale	99⅜	Sale	99⅜ Aug 30	100⅛ Aug 8	99¼ July 9	100⅛ Aug 8
35,000	Socony-Vacuum Oil 2½s__1976	A-O	—	—	84	84¼	84	86½	83⅞ Aug 8	84 Aug 2	83 Jan 15	85½ Jun 3
----	South & Nor Ala gtd 5s__1963	A-O	100½	101	99⅞	—	98⅞	—	— — — —	— —	99⅞ Apr 26	100½ Jan 24
	Southern Bell & Tel & Tel—											
15,000	3s debentures_____1979	J-J	86⅝	Sale	84½	85½	84½	85½	84½ Aug 5	85¾ Aug 14	82½ Apr 18	86¾ Jan 3
3,000	2¾s debentures_____1985	F-A	77	80	78¼	90	78	—	78 Aug 28	78⅜ Aug 13	76¾ Jun 28	80¼ Jan 11
10,000	2⅞s debentures_____1987	J-J	—	—	77⅝	—	78	—	78¼ Aug 14	78¼ Aug 14	77½ July 19	79½ Jan 22
	Southern California Edison—											
----	3¼s conv debs_____1970	J-J	218	—	214	—	256	—	— — — —	— —	231 May 13	238 Jan 29
1,000	South'n Indiana Ry 2¾s_1994	J-J	56	60	65½	—	65½	—	65½ Aug 15	65½ Aug 15	59 Feb 6	66 Jun 19
	Southern Natural Gas Co—											
30,000	4½s conv s f debs_____1973	J-J	130	—	150	171	145	—	166½ Aug 6	167 Aug 19	150 Jan 22	168½ Jun 21
	Southern Pacific—											
249,000	(Oregon Lines) 4½s___1977	M-S	99½	100¼	100½	Sale	100	Sale	99½ Aug 23	101½ Aug 5	99¼ Jan 4	101½ July 2
178,000	Gold 4½s_____1969	M-N	103¼	Sale	102¾	Sale	102⅛	Sale	101¾ Aug 2	103⅛ Aug 22	100½ July 17	103⅜ Jun 25
201,000	Gold 4½s_____1981	M-N	97¼	Sale	99¼	Sale	98½	Sale	98 Aug 16	99⅞ Aug 7	96 Jan 17	100 May 28
3,000	San Fran Term 3⅜s A_1975	J-D	86¾	—	86½	—	86½	—	86½ Aug 20	86½ Aug 20	86½ July 12	86¾ Jan 21
	Southern Pacific RR Co—											
20,000	1st mtge 2⅞s ser E____1986	J-J	74	—	76⅝	Sale	76⅝	—	76⅝ Aug 1	76⅝ Aug 1	74 Jan 23	76⅝ Aug 1
1,000	1st mtge 2¾s ser F____1996	J-J	61	—	65⅝	—	65⅝	—	65⅝ Aug 26	65⅝ Aug 26	61 Jan 3	65⅝ Aug 26
32,000	1st mtge 5¼s ser H____1983	A-O	105⅛	—	106½	Sale	105¼	106	105½ Aug 14	106½ Aug 1	104¼ Mar 1	107 Feb 7
38,000	Southern Ry 1st cons 5s__1994	J-J	105⅛	Sale	106¼	Sale	105⅝	Sale	105½ Aug 21	107 Aug 16	105 Apr 2	108 Feb 25
25,000	1st mtge coll tr 4½s__1988	F-A	95⅝	—	99	—	99½	—	99½ Aug 22	99¾ Aug 22	97¼ May 1	99¾ Aug 22
10,000	Caro div 4⅝s ser A____1988	J-D	—	—	—	—	103⅛	Sale	103⅛ Aug 30	103⅛ Aug 30	103⅛ Aug 30	103⅛ Aug 30
----	Memphis Div 1st g 5s__1996	J-J	102½	—	103½	—	103½	—	— — — —	— —	100 Apr 15	104¼ Mar 12
----	New Orl & N'east 3¾s_1977	M-N	85	—	85	—	85	—	— — — —	— —	— —	— —
	Southwestern Bell Telephone—											
6,000	2¾s debentures_____1985	A-O	80	85	78⅜	85	78⅜	85	78⅜ Aug 2	78⅜ Aug 2	76¾ July 1	81 Jan 9
5,000	3⅛s debentures_____1983	M-N	84	—	84	85	—	—	84 Aug 21	84 Aug 21	84 Aug 21	84½ Jan 25
	Spiegel Inc—											
481,000	5s conv subord debs____1984	J-D	114	116	114	Sale	118⅜	Sale	112¼ Aug 2	119 Aug 15	110 Mar 6	124⅞ May 17
64,000	5¼s debentures_____1983	A-O	103¾	Sale	104¼	Sale	103⅞	Sale	103¾ Aug 15	104½ Aug 12	103⅜ Jan 25	105¼ May 13
176,000	Standard Oil of Cal 4⅜s_1983	J-J	102½	Sale	102⅛	Sale	101⅞	Sale	101⅝ Aug 1	102½ Aug 13	101 Apr 18	103¼ Jan 3
	Standard Oil (Indiana)—											
4,000	3⅛s conv debs_____1982	A-O	88⅛	—	86¼	90½	86½	87	86¼ Aug 12	87¼ Aug 29	86¼ Jun 25	90½ Jan 25
99,000	4½s debentures_____1983	A-O	103⅞	Sale	103	Sale	102½	Sale	102⅜ Aug 26	103 Aug 1	102¼ Apr 29	104⅜ Jan 18
	Standard Oil Co (N J)—											
83,000	2⅝s debentures_____1971	M-N	87½	88½	87¾	Sale	88⅝	Sale	87⅝ Aug 6	88⅝ Aug 30	87¼ July 11	89¼ Jan 30
101,000	2¾s debentures_____1974	J-J	88	88½	87¼	87¾	87¼	87¾	87 Aug 19	87¾ Aug 5	87 July 16	89¼ Feb 7
	Standard Oil Co (Ohio)—											
38,000	4¼s s f debentures____1982	J-J	100½	—	100¼	101	99¾	101¼	99⅝ Aug 20	100¼ Aug 8	99⅛ Apr 18	101¼ May 9
2,000	Stauffer Chemical 3⅞s__1973	M-S	97⅝	—	97½	—	—	97½	97½ Aug 20	97½ Aug 20	97½ May 15	99 Jan 31
	Stokely-Van Camp Inc—											
174,000	4¼s conv subord debs_1982	M-S	95½	Sale	98	99	100	Sale	97½ Aug 5	100 Aug 30	94 May 8	100 Jan 24
23,000	Sunray DX Oil 4¼s debs_1987	M-N	100¾	101¼	—	100¼	—	100¼	99¼ Aug 13	100¼ Aug 6	99¼ Apr 22	101½ May 16
----	Sunray Oil Corp 2⅞s debs_1966	J-J	97½	—	98¼	—	99¼	Sale	99¼ Aug 30	99¼ Aug 30	97½ Jan 30	99¼ Aug 30
----	Superior Oil 3¾s debs___1981	J-J	95⅛	96	94½	95⅝	94½	95⅝	— — — —	— —	94½ Apr 29	96 Mar 11
10,000	Surface Transit Inc 6s___1971	M-N	98¾	Sale	99⅜	100	99½	Sale	99⅜ Aug 2	100 Aug 21	98⅜ Jan 11	100 Feb 15
4,000	Swift & Co 2⅝s debs____1972	J-J	89¾	—	89¼	—	89¼	—	89¼ Aug 9	89¼ Aug 9	89¼ Aug 9	93 Apr 16
----	2⅞s debentures_____1973	M-N	91	—	93⅝	—	93⅝	—	— — — —	— —	91¼ Jan 29	93⅝ Jun 18
	Symington Wayne Corp—											
140,000	4¾s conv sub debs___1982	A-O	109	Sale	116	119	119¾	Sale	117 Aug 2	121 Aug 15	109 Jan 3	124 Apr 17
	Talcott (James) Inc—											
----	5½s senior notes_____1979	J-D	105	—	105⅛	—	101¾	106	— — — —	— —	104⅞ May 8	105¼ May 8
98,000	5s capital conv notes__1979	J-D	155	160	126	136	135¼	136	132⅞ Aug 7	136 Aug 13	129 July 23	169 Jan 18
----	5½% senior notes_____1980	J-D	105½	—	—	—	—	—	— — — —	— —	104½ Mar 5	105½ Jan 8
31,000	Tandy Corp 6½s debs____1978	J-J	—	—	92	92¾	92	Sale	92 Aug 2	93 Aug 14	91 Jun 7	94½ Mar 4
	Term RR Assn of St Louis											
----	Ref & imp M 4s ser C_2019	J-J	81⅛	88	82⅝	—	82⅝	—	— — — —	— —	82¼ Feb 29	87 Mar 22
----	Ref & imp 2⅞s ser D_1985	A-O	79¼	80	80	—	80	—	— — — —	— —	79 Apr 22	80 Feb 15
84,000	Texas Co 3⅝s debs_____1983	M-N	93½	Sale	91⅝	Sale	92⅛	94	91½ Aug 8	92¼ Aug 29	91½ Aug 8	94¼ Jan 24
165,000	Texas Corp 3s debs_____1965	M-N	98⅝	Sale	98¼	Sale	98¼	Sale	98¼ Aug 1	98¾ Aug 19	98¼ Jan 4	99¼ Mar 11
	Texas & New Orl RR Co—											
5,000	1st & ref M 3¼s ser B_1970	A-O	88	—	89⅝	91	90½	90⅝	90 Aug 6	90½ Aug 26	88 Jan 7	90½ Feb 19
4,000	1st & ref M 3⅜s ser C_1990	A-O	70	—	76	79	76	79	76 Aug 7	76 Aug 7	70¼ Feb 4	76 July 7
10,000	Texas & Pacific 1st g 5s_2000	J-D	92½	—	100	—	100	—	100⅛ Aug 2	100⅛ Aug 2	92⅝ Jan 7	101 May 14
43,000	Gen & ref M 3⅞s ser E_1985	J-J	68	70½	80½	—	82½	Sale	80½ Aug 7	82½ Aug 30	70 Jan 4	82½ Aug 30
	Texas Pacific-Missouri Pacific											
----	Term RR of N O 3⅜s__1974	J-D	80	—	81⅛	—	81⅜	—	— — — —	— —	80 Mar 27	81⅛ July 5
48,000	Thompson Products 4⅞s_1982	F-A	114	Sale	112¾	113	111½	Sale	111¼ Aug 13	112¾ Aug 2	111¼ Aug 13	120 Apr 25
	Thompson Ramo Wooldridge—											
1,000	5¼s debentures_____1986	J-J	103	—	104⅜	—	104⅜	—	105¼ Aug 9	105¼ Aug 9	104 Mar 4	105¼ Aug 9
4,000	Tidewater Oil 3½s_____1986	A-O	87	Sale	86¾	Sale	87	88	86¾ Aug 1	87 Aug 27	86 July 12	88¼ Apr 19
	Trans World Airlines—											
246,000	△6½s sub inc debs____1978	J-D	73¼	Sale	92	Sale	94½	Sale	90 Aug 2	95½ Aug 30	70½ Jan 23	95½ Aug 30
5,000	Union Elec of Mo 3⅜s___1971	M-N	94⅝	95⅜	94	95¼	94⅛	—	94⅛ Aug 7	94⅛ Aug 7	93¼ May 9	95⅛ Feb 20
5,000	1st mtge & coll tr 2¾s_1975	A-O	84	—	85⅛	85¾	85	85⅜	85¼ Aug 13	85¼ Aug 13	84½ Feb 6	85⅝ July 19
2,000	3s debentures_____1968	M-N	94⅛	—	94⅛	—	94⅛	—	94⅛ Aug 23	94⅛ Aug 23	94⅛ Aug 23	94½ Apr 5
3,000	1st mtge & coll tr 2⅞s_1980	J-D	78¼	85½	—	83	81¼	—	81¼ Aug 16	81¼ Aug 16	81¼ Aug 16	83 Jan 18
----	1st mtge & coll tr 3¼s_1982	M-N	87	—	85	—	85	—	— — — —	— —	86 May 15	88⅛ Feb 27

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For footnotes, see page 95.

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New York Stock Exchange—Stocks

Monthly and Yearly Record

RANGE OF STOCK PRICES FOR AUGUST

Stock Sales—	1963	1962	Stock Sales—	1963	1962
August (Shares)	91,593,815	77,458,994	Jan. 1 to Aug. 31 (Shares)	724,729,118	643,521,659

NOTICE—Cash and deferred delivery sales are disregarded in the month's range unless they are the only transactions of the month, and when selling outside of the regular monthly range are shown in a footnote in the month in which they occur. No account is taken of such sales in computing the range for the year.

Aggregate Sales in August Shares	Aggregate Sales Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
1,100	36,200	Abacus Fund	1	40¼	Sale	44½	46	43¾	Sale	43½ Aug 27	46 Aug 16	39¾ Jan 7	47 July 29
76,500	393,500	Abbott Laboratories	5	76¼	Sale	107½	Sale	119½	Sale	105⅛ Aug 2	120¾ Aug 23	72⅞ Jan 17	120¾ Aug 23
46,800	601,200	A B C Vending Corp	1	13	Sale	13⅛	Sale	13	Sale	12⅝ Aug 9	13¾ Aug 21	12¼ Mar 26	15⅜ Jun 14
30,300	294,400	ACF Industries Inc	25	77	Sale	92½	Sale	103	Sale	92¼ Aug 1	103 Aug 29	74¾ Jan 4	103 Aug 29
100	‡100	When issued	*	--	--	--	--	51	Sale	51 Aug 30	51 Aug 30	‡51 Aug 30	51 Aug 30
10,600	115,100	Acme Markets Inc	1	71½	Sale	71¾	Sale	72¾	Sale	70½ Aug 12	73½ Aug 20	68¼ Feb 28	80 Jan 15
40,700	362,700	Acme Steel Co	10	13¾	Sale	17⅜	Sale	18½	Sale	17 Aug 5	18⅞ Aug 26	13¾ Jan 2	19 Jun 3
23,000	191,800	Adams Express Co	1	25⅛	Sale	26½	Sale	26¾	Sale	26¼ Aug 1	27 Aug 23	25 Mar 1	27 Jan 24
12,600	137,300	Adams-Millis Corp	*	12⅛	Sale	10	Sale	9⅞	Sale	9¾ Aug 6	10 Aug 12	9¾ Aug 6	13⅞ Jan 24
174,400	1,083,500	Addressograph Multig	2.50	50¼	Sale	51½	Sale	53¾	Sale	50⅝ Aug 2	55¼ Aug 12	43⅜ Mar 18	56½ Jun 13
288,200	1,009,300	Admiral Corp	1	11⅞	Sale	16⅞	Sale	22⅞	Sale	16⅝ Aug 5	23¼ Aug 30	11¾ Jan 3	23¼ Aug 30
14,100	115,600	Aeroquip Corp	1	23½	Sale	24	Sale	25⅛	Sale	24 Aug 5	25¼ Aug 16	22¼ Mar 4	26¾ Jan 8
52,300	272,400	Air Control Products	50c	14¼	Sale	16¾	Sale	18⅛	Sale	16¼ Aug 6	18½ Aug 28	14⅛ Jan 3	18½ Aug 28
42,400	499,700	Air Products & Chemicals	1	63¼	Sale	59	Sale	63⅞	Sale	57½ Aug 6	64⅜ Aug 29	56 Apr 18	67¾ Jun 3
123,700	761,100	Air Reduction Inc	*	55⅛	Sale	52⅞	Sale	56	Sale	52⅝ Aug 1	56⅝ Aug 29	50¼ July 19	61¾ Apr 16
38,600	230,100	A J Industries	2	3¾	Sale	3½	Sale	3½	Sale	3⅜ Aug 5	3¾ Aug 9	3⅜ May 6	4⅛ Jan 14
8,200	73,900	Alabama Gas Corp	2	37⅛	Sale	37⅝	Sale	37	Sale	36¾ Aug 8	38 Aug 14	35 Feb 12	38¾ May 10
26,100	437,300	Alco Products Inc	1	19⅝	Sale	23⅛	Sale	23	Sale	22⅜ Aug 27	23⅝ Aug 15	19 Jan 3	25¼ May 24
87,100	761,600	Aldens Inc common	5	29	Sale	24¾	Sale	23⅞	Sale	23 Aug 9	25⅞ Aug 23	23 Aug 9	31¾ May 21
100	750	4½% preference	100	91½	Sale	93½	95	95	96½	93¼ Aug 9	95 Aug 13	91 Jan 9	95 Aug 13
82,100	663,900	Alleghany Corp common	1	11¼	Sale	10	Sale	10⅝	Sale	9¾ Aug 13	10¾ Aug 23	9¾ Apr 4	13 Jan 11
17,000	136,000	6% conv preferred	10	34	Sale	32	Sale	34⅝	Sale	31⅜ Aug 2	35⅞ Aug 28	30½ Jun 12	42½ Jan 11
107,500	667,500	Allegheny Ludlum Steel	1	32¾	Sale	37¼	Sale	41	Sale	37 Aug 1	42½ Aug 26	32¾ Jan 2	42½ Aug 26
38,200	329,500	Allegheny Power System	5	48¾	Sale	50⅞	Sale	57¼	Sale	50⅞ Aug 1	58 Aug 30	47⅝ Jan 3	58 Aug 30
140	2,840	Alleg & West RR 6% gtd	100	93	Sale	100¼	Sale	101	101½	100¼ Aug 1	101¾ Aug 27	93 Jan 2	103 Apr 2
20,800	137,500	Allen Industries Inc	1	19¾	Sale	28⅜	Sale	29⅞	Sale	28⅛ Aug 1	31¼ Aug 19	19¾ Jan 2	31¼ Aug 19
187,800	1,784,800	Allied Chemical Corp	9	44⅛	Sale	49¾	Sale	50	Sale	49½ Aug 1	51⅜ Aug 26	42¼ Mar 4	52 May 9
5,800	55,100	Allied Kid Co	5	13⅛	Sale	14⅞	Sale	14	Sale	14 Aug 20	14⅞ Aug 11	13⅛ Jan 2	15⅛ May 6
3,700	50,000	Allied Mfflis Inc	*	40¾	Sale	44½	45	44⅞	Sale	44 Aug 26	45 Aug 12	40 Jan 2	47¼ Jun 11
19,700	164,200	Allied Products Corp	5	7¼	Sale	8¾	Sale	8⅞	Sale	8¾ Aug 6	9⅛ Aug 12	7 Feb 15	9⅜ Mar 11
38,400	352,000	Allied Stores Corp com	*	49⅝	Sale	50¼	Sale	52½	Sale	50 Aug 5	53⅝ Aug 26	49⅝ Jan 2	57⅞ Apr 18
2,260	7,740	4% preferred	100	88½	Sale	87½	88	88¼	89½	87 Aug 5	89 Aug 12	87 Jun 3	91 Jan 17
44,700	369,300	Allied Supermarkets Inc	1	11⅞	Sale	12¼	Sale	12⅞	Sale	12⅛ Aug 1	13¼ Aug 28	11⅞ Jan 2	13⅞ Jan 10
126,300	1,364,000	Allis-Chalmers Mfg com	10	14⅝	Sale	16¾	Sale	17¾	Sale	16½ Aug 1	18¼ Aug 28	14⅝ Jan 2	20⅜ Jun 4
2,300	9,100	4.08% conv preferred	100	88½	89	93½	95	92	Sale	92 Aug 30	95½ Aug 5	89 Jan 3	96 Apr 16
22,300	296,800	Alpha Portland Cement	10	16¾	Sale	17⅛	Sale	17	Sale	17 Aug 1	17½ Aug 16	16¼ Feb 28	19¼ Apr 16
84,300	411,600	Alside Inc	*	27	Sale	33⅞	Sale	41⅜	Sale	33⅛ Aug 1	41¾ Aug 30	24¾ Apr 29	41¾ Aug 30
128,600	2,344,600	Aluminium Ltd	*	20⅛	Sale	24⅜	Sale	24⅜	Sale	23⅜ Aug 8	25¼ Aug 5	20⅛ Jan 2	27⅞ Jun 5
102,600	1,160,800	Aluminum Co of America	1	54⅝	Sale	64¼	Sale	64	Sale	61¾ Aug 2	65½ Aug 23	51¼ Mar 22	69 July 11
12,500	184,100	Amalgamated Sugar Co	*	23	Sale	26⅛	Sale	26¾	Sale	25½ Aug 15	26¾ Aug 7	20¾ Jan 7	37 May 21
11,400	159,300	Amerace Corp	12.50	22½	Sale	25⅛	Sale	25¼	Sale	24 Aug 21	25½ Aug 2	22½ Jan 2	26 Apr 29
440,300	‡794,100	Amerada Petroleum Corp	*	--	--	66½	Sale	79⅝	Sale	66½ Aug 1	80⅛ Aug 13	‡62½ July 22	80½ Aug 13
77,600	1,061,000	Amer Agri Chem (Del)	*	23⅝	Sale	47⅞	Sale	48	Sale	46½ Aug 20	48⅝ Aug 9	22½ Jan 16	48⅝ Aug 9
318,500	2,274,400	American Airlines com	1	18⅛	Sale	26¼	Sale	29⅜	Sale	26¼ Aug 1	29⅜ Aug 30	17⅞ Jan 3	29⅜ Aug 30
1,400	6,400	3½% conv preferred	100	97½	103	130	Sale	140	Sale	128 Aug 5	140 Aug 30	97 Feb 11	140 Aug 30
62,100	491,800	American Bakeries Co	*	18	Sale	22	Sale	19⅜	Sale	18¾ Aug 15	23 Aug 5	17⅞ Jan 2	26½ May 24
3,900	22,900	American Bank Note com	5	27½	29½	25½	Sale	27	Sale	25 Aug 5	27 Aug 29	24¾ Apr 16	29¼ Jan 17
330	1,860	6% preferred	50	61	62½	65½	66	62½	64½	62½ Aug 23	64 Aug 15	62 Jan 14	67 Feb 26
87,000	617,100	Amer Bosch Arma Corp	2	13½	Sale	14⅜	Sale	15⅝	Sale	13¾ Aug 2	16⅛ Aug 28	13½ Jan 2	16¾ Apr 23
12,100	214,200	Amer Brake Shoe Co	*	48⅞	Sale	51¾	Sale	53¾	Sale	51⅛ Aug 1	53⅞ Aug 29	48⅝ Jan 11	58¾ Apr 4
143,600	1,094,400	Amer Broadcasting-Paramount Theatres Inc	1	33⅝	Sale	28⅞	Sale	33	Sale	28⅞ Aug 1	34¼ Aug 27	27⅞ Jun 19	38¼ Jan 14
107,800	1,065,700	American Can com	12.50	45⅞	Sale	44⅞	Sale	47⅛	Sale	44¾ Aug 1	47⅛ Aug 30	43⅝ Apr 1	47⅜ Feb 1
6,600	78,700	7% preferred	25	40½	Sale	40½	40¾	41¼	Sale	40½ Aug 6	41¼ Aug 23	39¾ July 8	42½ Jan 30
26,600	255,900	American Cement Corp	5	--	--	11½	Sale	11⅛	Sale	10⅞ Aug 22	11⅝ Aug 2	10⅜ Apr 2	12½ May 20
10,600	77,700	American Chain & Cable	*	47¼	Sale	51½	Sale	55	Sale	51½ Aug 1	55¾ Aug 28	47¼ Jan 2	55¾ May 21
48,400	255,600	Am Commerce Barge Line	3	21¼	Sale	25¼	Sale	27¼	Sale	24½ Aug 19	27½ Aug 21	20 Jan 25	27½ Aug 21
4,700	51,500	American Consumer Indus	*	24¼	Sale	22⅝	23⅛	24	Sale	22⅝ Aug 14	24 Aug 30	22 May 20	28¼ Jan 24
26,600	198,800	Amer-Crystal Sugar com	10	40¼	41¼	62¾	Sale	63¾	Sale	59½ Aug 27	64 Aug 5	41⅞ Jan 3	74¾ May 21
230	2,660	4½% prior preferred	100	93	Sale	96	98½	97	Sale	95 Aug 29	97½ Aug 9	88¼ Mar 12	97½ July 26
161,800	1,681,200	Amer-Cyanamid Co	10	49¼	Sale	58⅜	Sale	61⅝	Sale	56¾ Aug 7	61⅝ Aug 30	47¾ Jan 2	61⅝ Aug 30
27,300	163,800	American Distilling Co	10	38½	Sale	37⅛	Sale	42	Sale	37 Aug 1	42⅛ Aug 29	36 July 23	44⅞ Jan 23
131,700	1,251,400	American Elec Power	6.50	35⅞	Sale	37	Sale	37⅞	Sale	37 Aug 1	38¾ Aug 12	32⅜ Mar 1	38¾ Aug 12
42,600	‡513,500	American Enka Corp	2.50	--	--	35¾	Sale	35¾	Sale	33¾ Aug 28	36⅞ Aug 7	‡29½ Apr 4	38⅞ Jun 24
46,400	913,500	Amer Export Lines Inc	40c	18⅛	Sale	28¼	Sale	29⅝	Sale	27½ Aug 12	30⅜ Aug 19	17⅞ Jan 2	33⅜ Jun 17
34,100	1,059,091	Amer & Foreign Power	*	9	Sale	12⅛	Sale	11¼	Sale	11¼ Aug 30	12⅛ Aug 1	8⅞ Jan 2	13½ May 20
21,800	259,200	Amer Hardware Corp	12.50	36¼	Sale	43	Sale	48¾	Sale	42⅝ Aug 2	48¾ Aug 30	34¾ Jan 30	48¾ Aug 30
137,200	1,293,100	American Home Products	1	52⅝	Sale	57⅝	Sale	65	Sale	57⅛ Aug 14	65 Aug 30	49⅜ Mar 25	65 Aug 30
147,600	1,128,100	Amer Hospital Supply	*	22	Sale	19	Sale	20⅞	Sale	19 Aug 1	21 Aug 13	18¼ July 19	23 Jan 4
3,500	32,900	American International	1	14⅝	15⅛	16⅛	16⅜	15¾	16¼	15⅝ Aug 13	16½ Aug 23	15 Jan 3	16½ Aug 23
15,900	185,800	Amer Invest Co of Ill com	1	20¼	Sale	23	Sale	22¾	Sale	22⅛ Aug 27	23⅛ Aug 5	20⅛ Jan 2	23¾ Jun 10
----	1,400	5¼% prior preferred	100	104	107	104	106¼	103	106	-- ------	-- ------	101½ Mar 18	106 July 3
300,700	1,703,800	Amer Mach & Foundry— Common	1.75	20¾	Sale	18⅝	Sale	19⅝	Sale	18⅜ Aug 2	19¾ Aug 26	18⅜ Aug 2	24¼ Feb 1
300	1,190	3.90% preferred	100	81	Sale	87½	89½	91	Sale	88¼ Aug 8	91½ Aug 29	81 Jan 2	91½ Aug 29
72,800	890,300	Amer Metal Climax com	1	31⅝	Sale	36⅛	Sale	37¾	Sale	35¾ Aug 5	38 Aug 21	30⅞ Jan 3	40⅛ Jun 26
1,600	39,445	4¼% conv preferred	100	101	Sale	110½	112	111½	Sale	110 Aug 9	112 Aug 19	101 Jan 2	115 May 16
25,800	225,800	American Metal Products	2	14½	Sale	19	Sale	19	Sale	18⅜ Aug 19	19⅜ Aug 6	14½ Jan 2	20 May 31
9,100	63,000	American Meter Co	*	27½	Sale	27½	Sale	29⅞	Sale	26⅝ Aug 2	30 Aug 29	26½ Mar 18	30 Aug 29
389,700	7,225,000	American Motors	1.66⅔	16¼	Sale	18	Sale	18	Sale	17½ Aug 7	18¼ Aug 5	16 Jan 2	23 Feb 14
51,100	564,500	American Natural Gas	10	41¾	Sale	43⅜	Sale	41⅞	Sale	41½ Aug 28	43⅞ Aug 5	39⅛ Feb 26	45⅜ May 16
10,500	186,500	American News Co	*	23¼	Sale	22½	Sale	23½	Sale	21⅝ Aug 1	24¼ Aug 7	20⅛ Apr 9	25⅜ Jun 26
22,100	92,100	American Optical Co	1	61⅜	Sale	68½	Sale	77¼	Sale	68½ Aug 1	77½ Aug 29	61 Mar 7	77½ Aug 29
289,100	3,933,400	Amer Photocopy Equip	*	11¾	Sale	9⅝	Sale	10⅛	Sale	8¾ Aug 20	10⅜ Aug 29	8¾ Aug 20	15 Jan 25
116,200	628,800	Amer Potash & Chemical	*	30¾	Sale	28¾	Sale	32	Sale	28¾ Aug 1	32¼ Aug 29	26¼ Jun 24	32½ Jan 7
233,800	1,500,000	Am Radiator & Stand San	5	12⅞	Sale	17	Sale	17¾	Sale	16¾ Aug 1	18 Aug 22	12¾ Jan 2	18 Aug 22
80	710	7% preferred	100	147½	150	157	159	156¾	158¼	156¼ Aug 26	158 Aug 15	150 Jan 7	162 Jun 7
39,200	241,100	Am Research & Dev Corp	1	16¼	Sale	22⅜	Sale	28	Sale	22⅜ Aug 1	28⅜ Aug 30	16¼ Jan 2	28⅜ Aug 30
13,700	111,800	American Seating Co	10	30¼	Sale	30⅛	Sale	31¼	Sale	29⅛ Aug 26	31¼ Aug 30	29 July 22	34¾ July 3
10,600	96,400	American Ship Building	*	9¼	Sale	10¾	Sale	11¾	Sale	10¾ Aug 7	12 Aug 19	9¼ Jan 2	12½ May 24
88,200	564,800	Amer Smelt'g & Refin'g	*	57½	Sale	79¼	Sale	85	Sale	79 Aug 1	88⅜ Aug 26	56⅛ Jan 2	88⅜ Aug 26
4,270	23,390	7% preferred	100	151	152¼	161½	Sale	171¼	Sale	161 Aug 5	172½ Aug 30	151 Jan 3	172½ Aug 30
6,500	70,600	American Snuff Co com	8⅓	21¼	Sale	24⅝	Sale	24⅜	Sale	24⅛ Aug 27	25 Aug 22	21¼ Jan 2	28⅛ May 17
10	1,450	6% non-cum pfd	100	125	127½	127¼	129	127	128	128 Aug 22	128 Aug 22	125 Jan 4	130½ May 27
99,800	568,200	Amer-So African Inv Co Ltd	£1	26⅞	Sale	35½	Sale	37½	Sale	35⅛ Aug 6	39½ Aug 20	26½ Jan 3	39½ Aug 20
85,300	‡632,700	Amer Sugar Refin com	12.50	--	--	26⅞	Sale	26⅞	Sale	26½ Aug 5	27¼ Aug 12	‡23¾ May 7	30½ May 21
9,800	203,900	5.44% preferred	12.50	--	--	13½	Sale	13⅝	Sale	13½ Aug 8	14 Aug 23	13¼ Apr 30	14⅛ Jun 5
410,800	3,578,500	American Tel & Tel	33⅓	116⅞	Sale	120¼	Sale	124¼	Sale	119⅞ Aug 1	125 Aug 19	114½ Jan 2	126⅛ May 1
543,000	3,322,000	American Tobacco— Common	6.25	29¼	Sale	28⅛	Sale	28¾	Sale	27 Aug 22	29⅜ Aug 6	27 Aug 22	33⅞ Apr 17
3,610	34,900	6% preferred	100	128	Sale	128⅜	Sale	130½	Sale	128⅜ Aug 1	131¾ Aug 27	127½ Jan 2	136½ Mar 26

For footnotes, see page 29.

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Aggregate Sales in August Shares	Aggregate Sales Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
8,600	69,400	Amer Water Works Co com	5	22¼	Sale	26¾	Sale	30	Sale	26¾ Aug 1	30¼ Aug 28	22¼ Jan 2	30¼ Aug 28
110	2,070	5% preferred	25	25	26	27½	28½	27⅛	28	28½ Aug 7	28½ Aug 7	25 Jan 16	28½ Aug 7
1,900	21,700	5% preference	25	24	Sale	25½	25¾	25	25¼	24⅞ Aug 27	25¾ Aug 15	24 Jan 2	26 July 8
19,800	661,400	Amer Zinc Lead & Smelt	1	13½	Sale	19⅝	Sale	21⅝	Sale	19½ Aug 2	21¾ Aug 30	13⅛ Jan 18	23⅝ May 13
12,600	51,800	Ametek Inc	*	46½	Sale	46¼	Sale	51¼	Sale	45¾ Aug 2	52¾ Aug 22	42 Mar 19	52¾ Aug 22
29,000	374,500	AMP Inc endorsed shs	1	25½	Sale	30½	Sale	31¾	Sale	30¼ Aug 1	32⅞ Aug 15	25⅜ Mar 6	33⅞ July 11
283,700	2,507,100	Ampex Corp	1	16¾	Sale	18⅝	Sale	19¼	Sale	17⅜ Aug 9	19¼ Aug 30	14½ Mar 19	21⅜ Jun 24
54,100	439,500	Amphenol-Borg Elect Corp	1	21⅜	Sale	23⅝	Sale	25	Sale	23 Aug 8	25½ Aug 29	20¾ Jan 3	29⅛ Jun 14
49,100	402,200	Amsted Industries Inc	1	30⅛	Sale	37¼	Sale	39⅛	Sale	37¼ Aug 1	40 Aug 14	30⅛ Jan 2	40 Aug 14
126,100	1,353,100	Anaconda Co	50	40⅝	Sale	46¾	Sale	50	Sale	46½ Aug 1	50⅜ Aug 28	40½ Jan 2	54 Jun 6
5,720	36,980	Anaconda Wire & Cable	*	26½	27¼	29	Sale	32½	Sale	28¾ Aug 1	34⅛ Aug 27	27¼ Jan 3	35¾ Feb 14
24,500	224,700	Anchor Hock Glass com	6.25	28⅞	Sale	32⅜	Sale	32½	Sale	31¼ Aug 16	32⅝ Aug 9	28¾ Jan 2	35¼ Apr 11
80	830	$4 preferred	*	92	Sale	95¼	96¾	95½	97	95½ Aug 14	96½ Aug 21	92 Jan 2	97 Apr 5
29,800	253,400	Anderson Clayton & Co	21⅓	37¾	Sale	26⅞	Sale	28⅜	Sale	26¾ Aug 6	28⅜ Aug 29	26⅜ Apr 19	39⅝ Jan 8
95,000	730,600	Anken Chemical Film Cp	20c	37⅞	Sale	16⅜	Sale	17½	Sale	16⅛ Aug 2	20⅛ Aug 13	16⅛ Aug 2	41⅝ Jan 7
42,600	614,000	Apco Oil Corp	1	16⅛	Sale	21	Sale	19½	Sale	19¼ Aug 20	21¼ Aug 1	15½ Feb 27	22½ July 9
8,200	204,000	Archer-Daniels-Midland	*	41¾	Sale	43	Sale	43	Sale	42¾ Aug 14	43⅜ Aug 6	39 May 16	43⅞ July 24
119,900	926,500	Arizona Public Service	2.50	30⅝	Sale	30⅜	Sale	33⅜	Sale	30⅜ Aug 1	33¾ Aug 23	28¼ July 17	33¾ Aug 23
114,300	114,300	Arlan's Dept Stores	1	--	--	--	--	26	Sale	21½ Aug 8	26¼ Aug 30	21½ Aug 8	26¼ Aug 30
160,500	904,900	Armco Steel Corp	10	52	Sale	55	Sale	61¾	Sale	54⅜ Aug 5	62 Aug 26	51½ Mar 19	62 Aug 26
73,600	627,500	Armour & Co	5	42⅞	Sale	41⅛	Sale	44⅜	Sale	41⅛ Aug 1	45½ Aug 28	41⅛ Aug 1	48¾ Apr 15
48,900	407,200	Armstrong Cork Co com	1	67	Sale	85	Sale	96½	Sale	84¾ Aug 1	98 Aug 27	66½ Jan 7	98 Aug 27
380	7,110	$3.75 preferred	*	87¾	Sale	90½	91	88¾	90¼	88 Aug 27	90½ Aug 13	87½ Jan 2	92½ Feb 1
7,800	79,100	Armstrong Rubber Co	1	34	34¼	39¾	Sale	41¾	Sale	38¾ Aug 6	41¾ Aug 30	34¼ Jan 3	43 Jun 7
1,450	10,750	Arnold Constable Corp	5	10	10¾	10	Sale	9⅞	10	9½ Aug 26	10 Aug 5	9½ Aug 26	13½ Jan 25
3,900	41,000	Aro Corp	2.50	17¼	Sale	17¼	Sale	17⅛	Sale	16⅞ Aug 26	17¼ Aug 5	16⅞ Aug 26	20¼ Feb 13
46,500	293,100	Arvin Industries Inc	2.50	26⅝	Sale	29	Sale	32⅛	Sale	28¾ Aug 1	33¾ Aug 29	26½ Jan 2	34⅝ Mar 27
60,000	561,900	Ashland Oil & Refining	1	25⅞	Sale	28½	Sale	30⅝	Sale	28½ Aug 1	31 Aug 29	25½ Jan 2	31 May 13
35,900	160,300	Associated Brewing Co	1	2½	Sale	3¾	Sale	4½	Sale	3½ Aug 12	4½ Aug 29	2½ Jan 2	4½ Aug 29
23,300	331,700	Associated Dry Goods	50c	45¼	Sale	46	Sale	48½	Sale	45¾ Aug 2	48⅞ Aug 19	43⅞ Jan 22	51⅞ May 15
25,600	164,900	Associates Investment Co	10	61¼	Sale	57	Sale	59¾	Sale	56⅝ Aug 1	60¼ Aug 29	54¾ July 26	66½ May 16
188,700	1,851,100	Atchison Top & San Fe—Common	10	25¼	Sale	28⅜	Sale	29⅝	Sale	28⅛ Aug 15	29¾ Aug 19	25 Jan 2	30⅜ Jun 25
48,100	489,700	5% non-cum preferred	10	10½	Sale	10⅞	Sale	10¾	Sale	10⅝ Aug 22	11 Aug 5	10¼ Jan 2	11¼ Jun 19
11,000	173,200	Atlantic City Electric—Common	4⅓	43½	Sale	45¼	Sale	47⅞	Sale	45 Aug 5	47⅞ Aug 19	43 Jun 11	48⅛ Jan 28
100	3,330	4% preferred	100	90	Sale	92	Sale	90¼	91¾	90¼ Aug 19	93½ Aug 2	87 Jan 10	94 Apr 4
22,100	252,300	Atlantic Coast Line RR	*	47⅜	Sale	54⅜	Sale	57¾	Sale	54⅜ Aug 1	58¾ Aug 22	46½ Jan 21	60⅝ May 31
86,500	809,500	Atlantic Refining com	10	48⅛	Sale	52⅞	Sale	55⅛	Sale	52¾ Aug 1	55½ Aug 28	48 Jan 2	56⅞ Apr 16
1,790	14,580	$3.75 pfd series B	100	88¼	Sale	86½	87½	88½	Sale	85¾ Aug 21	89 Aug 23	85¾ Aug 21	89¾ Mar 14
56,600	875,200	Atlas Chemical Industries	1	15⅛	Sale	16¾	Sale	15⅞	Sale	15⅞ Aug 27	17 Aug 6	14½ Jan 11	18⅜ Jun 21
135,300	1,309,200	Atlas Corporation com	1	2¼	Sale	2¾	Sale	2⅝	Sale	2½ Aug 19	2¾ Aug 5	2⅛ Jan 2	3 May 31
5,700	74,600	5% preferred	20	14⅞	15	16½	16¾	16½	16⅝	16½ Aug 5	16⅞ Aug 16	14⅞ Jan 3	17¼ Apr 18
34,500	34,500	Atlas Credit Corp	10c	--	--	--	--	11½	Sale	12⅞ Aug 7	13⅜ Aug 16	12⅞ Aug 7	13⅜ Aug 16
10,100	342,200	Austin Nichols & Co com	*	19	Sale	21¼	Sale	20¾	Sale	20½ Aug 26	22⅞ Aug 7	17¾ Jan 8	28⅜ May 16
1,400	32,000	$1.20 conv prior pref	*	28	Sale	28	29¼	28½	30¼	28¾ Aug 28	31 Aug 7	25⅛ Jan 28	38⅞ May 16
162,000	1,659,800	Automatic Canteen	2.50	14¼	Sale	13½	Sale	14⅜	Sale	12¾ Aug 7	15¼ Aug 23	12¾ Aug 7	17¼ Jan 23
83,100	237,500	Automatic Retailers of America	50c	--	--	33	Sale	33⅜	Sale	30¼ Aug 28	34⅝ Aug 21	30¼ Aug 28	41½ Jun 12
505,100	2,324,900	AVC Corp	25	60¾	Sale	68	Sale	74⅞	Sale	66½ Aug 1	75⅛ Aug 29	59 Apr 1	75⅛ Aug 29
239,000	2,411,200	Avco Corp	3	25⅛	Sale	26	Sale	26⅜	Sale	24⅝ Aug 19	27 Aug 12	23 Mar 1	29¼ Jun 12
79,400	1,326,700	Avnet Electronics Corp	5c	21½	Sale	17	Sale	17¼	Sale	15⅞ Aug 9	17½ Aug 28	15½ May 21	24½ Mar 18
28,400	221,700	Babbitt (B T) Inc	1	5½	5¾	4⅞	Sale	4⅜	4½	4¼ Aug 22	5 Aug 6	4¼ July 2	5⅞ Jan 7
32,900	323,200	Babc'k & Wilcox Co (The)	9	49	Sale	54¾	Sale	52½	Sale	51⅜ Aug 30	56 Aug 5	46¼ Feb 5	58 July 10
37,700	377,800	Baker Oil Tools Inc	1	12⅝	Sale	10⅛	Sale	10⅛	Sale	10⅛ Aug 1	10½ Aug 16	10⅛ July 24	14⅜ Jan 24
99,400	803,400	Baldwin-Lima-Hamilton	13	13⅛	Sale	12⅛	Sale	12	Sale	11⅝ Aug 14	12⅜ Aug 2	11⅝ July 25	14⅝ May 22
62,700	488,800	Baltimore Gas & Elec Co—Common	*	32⅝	Sale	33¼	Sale	35⅜	Sale	32½ Aug 5	35½ Aug 27	32½ July 24	36¼ Feb 7
1,440	9,160	4½% pfd series B	100	100¾	Sale	101⅞	Sale	102	Sale	101 Aug 2	103 Aug 20	100 Mar 18	106½ Feb 6
220	3,250	4% pfd series C	100	88	90	91	Sale	93	Sale	91 Aug 1	93½ Aug 15	88 Jan 3	94 May 28
7,000	104,400	Baltimore & Ohio com	100	28⅛	Sale	36¾	Sale	37⅛	Sale	36¾ Aug 1	38 Aug 7	26½ Jan 16	40⅜ May 17
1,400	29,400	4% non-cum pfd	100	47⅛	Sale	50⅛	Sale	51½	Sale	50⅛ Aug 1	52½ Aug 15	46⅜ Jan 2	53⅜ May 29
27,000	117,700	Bangor & Aroostook Corp	1	12¼	12⅝	17¼	Sale	21¼	Sale	17⅛ Aug 1	21¾ Aug 29	12 Jan 3	21¾ Aug 29
3,100	68,000	Barber Oil Corp	10	71	Sale	84¼	Sale	84	Sale	93¾ Aug 7	85½ Aug 22	71 Jan 2	92 May 3
26,000	99,700	Basic Inc common	1	10¼	Sale	10	Sale	10½	Sale	9¾ Aug 13	10½ Aug 30	9¾ Aug 2	12¼ Feb 25
2,450	11,190	5% conv preferred	50	40½	Sale	43½	Sale	44	44½	43½ Aug 1	45¾ Aug 8	39½ Jan 7	46¼ Feb 25
6,300	64,700	Basic Products Corp	1	13½	Sale	13¼	Sale	12¾	Sale	12½ Aug 22	13⅜ Aug 5	12½ Aug 22	15⅛ Jan 29
6,100	70,500	Bath Iron Works Corp	10	40¾	Sale	36⅝	Sale	37	Sale	36⅝ Aug 1	37¾ Aug 15	36⅛ July 15	45¾ Jan 9
28,000	193,200	Bausch & Lomb Inc	10	27⅛	Sale	29⅞	Sale	33⅝	Sale	29⅞ Aug 1	34¾ Aug 21	26 Jan 21	34¾ Aug 21
47,300	399,000	Baxter Laboratories	1	24¼	Sale	24⅜	Sale	24¾	Sale	24⅜ Aug 1	26¼ Aug 12	22¼ Mar 6	27⅞ Jun 13
19,200	116,700	Bayuk Cigars Inc	*	43¼	Sale	40	Sale	40⅝	Sale	39 Aug 9	41¾ Aug 22	39 Aug 9	47½ Jan 10
11,000	140,900	Beam (James B) Distilling	2	38⅜	Sale	41	Sale	42¼	Sale	40½ Aug 2	43 Aug 19	35¼ Apr 5	43 Aug 19
----	----	When issued	2	--	--	--	--	33	35	-- ------	-- ------	‡— ------	-- ------
19,900	‡143,700	Beatrice Foods Co—Common	*	--	--	48	Sale	48	Sale	46⅞ Aug 21	48½ Aug 1	‡45¼ Apr 18	49⅞ Mar 14
370	2,480	4½% preferred	100	99¾	100¾	102	102½	100½	102¼	101 Aug 20	102½ Aug 13	100 Jan 3	103½ Mar 7
40,600	340,000	Beaunit Corp	2.50	21	Sale	24⅞	Sale	25	Sale	24½ Aug 23	25⅝ Aug 6	20¾ Mar 6	25¾ Jun 25
97,900	862,600	Beckman Instruments Inc	1	105⅝	Sale	71	Sale	76⅜	Sale	70¼ Aug 2	80 Aug 12	70¼ Aug 2	115¾ Jan 14
600	4,210	Beck Shoe 4¾% pfd	100	64	66½	61¼	64	63	65	62 Aug 27	64 Aug 29	57½ July 1	66 Jan 15
48,900	422,400	Beech Aircraft Corp	1	15⅞	Sale	13¼	Sale	13⅜	Sale	13 Aug 2	14⅜ Aug 14	13 Aug 2	16¾ Jan 8
130	1,220	Beech Creek RR Co	50	34	35	36	Sale	36½	37	36 Aug 1	36 Aug 1	33½ Apr 10	37 Jun 13
23,400	434,200	Beech-Nut Life Savers	5	34½	Sale	41¼	Sale	43⅛	Sale	41 Aug 1	43⅛ Aug 7	34½ Jan 2	43⅛ May 14
5,400	679,800	Belco Petroleum Corp	1	13⅛	Sale	18¼	Sale	17¼	Sale	16⅛ Aug 27	18½ Aug 5	12⅝ Jan 8	19½ July 2
5,300	52,100	Belding-Hemingway	1	19⅞	20⅜	19¼	Sale	18⅛	Sale	18 Aug 16	19½ Aug 7	18 Aug 16	20⅞ Jan 18
38,400	319,300	Bell & Gossett Co	2	13⅜	Sale	22⅛	Sale	23⅞	Sale	21¾ Aug 2	24 Aug 29	13¼ Jan 3	24 Aug 29
129,000	1,918,800	Bell & Howell Co	5	23⅛	Sale	23⅜	Sale	25¾	Sale	23⅛ Aug 2	26¾ Aug 22	21⅛ Mar 29	30⅜ Jun 13
27,400	319,400	Bell Intercontinental Corp	1	9¼	Sale	10⅝	Sale	10½	Sale	10 Aug 13	10¾ Aug 2	9 Jan 2	12 May 28
93,700	568,300	Bendix Corp	5	55	Sale	50¼	Sale	51⅜	Sale	48¾ Aug 9	52½ Aug 15	48¾ Aug 8	59¼ Jan 24
48,200	411,200	Beneficial Finance Co com	1	51¼	Sale	58⅝	Sale	60¼	Sale	58 Aug 1	63 Aug 26	49⅝ Jan 15	63 Aug 26
2,000	18,900	5% preferred	50	51¾	Sale	50½	Sale	51½	52½	50½ Aug 1	53½ Aug 7	50½ Aug 1	55¼ Jun 3
2,600	12,800	$4.50 conv pfd	100	114½	116	122	Sale	122	124¾	122 Aug 1	125½ Aug 26	114½ Mar 1	125½ Aug 26
95,400	710,600	Benguet Consol Min	2 pesos	1⅜	Sale	1¼	Sale	1¼	Sale	1¼ Aug 1	1⅜ Aug 1	1¼ Jan 2	1½ Feb 6
31,000	219,100	Berman Leasing Co	1	--	--	23⅝	Sale	23½	Sale	22⅛ Aug 8	25⅛ Aug 15	17⅛ Apr 17	25⅜ July 15
16,100	92,000	Best & Co Inc	1	32¾	Sale	32¼	Sale	29½	Sale	27⅝ Aug 19	32¾ Aug 9	27⅝ Aug 19	35⅞ Jan 15
46,600	347,100	Bestwall Gypsum Co	40c	27⅛	Sale	32½	Sale	35	Sale	31¾ Aug 1	35¾ Aug 26	26¾ Jan 2	35¾ Aug 26
323,100	2,485,800	Bethlehem Steel Corp—Common	5	28¾	Sale	29¾	Sale	31⅝	Sale	29½ Aug 1	31⅞ Aug 29	28¾ Jan 2	34¾ Apr 16
2,100	34,500	7% preferred	100	150¾	151¾	156	Sale	157½	Sale	155½ Aug 12	157¾ Aug 29	153 Jan 4	160 Jun 3
48,100	269,300	Bigelow-Sanford common	5	21¼	Sale	26½	Sale	29¾	Sale	26¼ Aug 1	29⅞ Aug 29	20¾ Jan 3	29⅞ Aug 29
90	1,020	4½% pfd ser of 1951	100	87	87½	87½	90½	90½	Sale	89 Aug 12	90½ Aug 30	86¼ Mar 27	91 Jun 11
20,000	125,200	Black & Decker Mfg Co	50c	51½	52½	57¼	Sale	63	63⅞	57¼ Aug 1	64½ Aug 26	51¼ Jan 8	64½ Aug 26
36,200	315,300	Blaw-Knox Co	10	27⅝	Sale	26⅜	Sale	26½	Sale	25⅛ Aug 7	27⅜ Aug 12	25⅛ Aug 7	33¾ Apr 16
8,100	63,800	Bliss & Laughlin Inc	2.50	22¼	Sale	25⅛	Sale	26⅜	Sale	24⅜ Aug 12	26⅜ Aug 28	21⅞ Jan 2	26¾ Apr 15
64,000	562,600	Bliss (E W) Co	50c	12¾	Sale	13⅞	Sale	14⅛	Sale	13⅝ Aug 21	15 Aug 7	12⅜ Jan 2	16⅞ Apr 23
55,800	365,500	Bobbie Brooks Inc	*	23⅜	Sale	23⅜	Sale	24⅛	Sale	22½ Aug 5	25⅛ Aug 22	22½ Aug 5	27¾ Jan 14
162,800	1,595,700	Boeing Co (The)	5	37⅛	Sale	33	Sale	35	Sale	32⅝ Aug 19	36½ Aug 28	30½ July 26	40⅜ Feb 4
11,600	75,600	Bohn Alum & Brass Corp	5	30⅝	30¾	33½	Sale	33½	Sale	32⅝ Aug 26	33⅞ Aug 7	30¼ Jan 4	38⅞ May 15
8,600	148,800	Bond Stores Inc	1	18¾	Sale	19½	Sale	19¾	Sale	19¼ Aug 29	20 Aug 5	18 Mar 14	20½ May 22
6,200	49,200	Book-of-the-Month Club Inc	1.25	22⅛	Sale	20⅛	Sale	20¾	Sale	19⅝ Aug 13	21 Aug 29	19⅝ July 26	23¾ Jan 9
62,700	485,200	Borden Co (The)	7.50	57½	Sale	62⅞	Sale	64¼	Sale	62⅝ Aug 1	65⅛ Aug 27	57 Mar 18	67½ May 24
102,100	699,700	Borg-Warner Corp com	5	42⅜	Sale	43⅛	Sale	47¼	Sale	42¾ Aug 1	47½ Aug 29	41⅛ Jan 8	47⅞ Jun 13
60	1,670	3½% preferred	100	84½	85	87	88½	86	87¾	86⅛ Aug 29	88 Aug 23	85 Jan 11	88 Aug 23
25,400	309,400	Borman Food Stores Inc	1	10⅞	Sale	13⅛	Sale	12⅞	Sale	12⅛ Aug 27	13⅜ Aug 9	10⅜ Mar 4	14⅝ May 9
27,700	295,400	Boston Edison Co	10	35⅞	Sale	42⅞	Sale	43⅝	Sale	42⅛ Aug 1	43⅝ Aug 20	35⅞ Jan 2	43⅞ May 21
14,200	66,100	Boston & Maine RR com	*	3⅜	Sale	4	Sale	4	Sale	4 Aug 1	5⅛ Aug 5	3⅜ Jan 2	5½ Feb 14
12,400	62,600	5% preferred	100	5⅝	Sale	7¼	Sale	8	Sale	7¼ Aug 1	9¼ Aug 7	5⅞ Jan 2	9¾ Feb 13
23,800	189,000	Brach (E J) & Sons	*	34½	Sale	33½	Sale	34¾	Sale	33⅛ Aug 1	35½ Aug 27	28½ May 21	35½ Aug 27
107,900	1,013,300	Braniff Airways Inc	2.50	10½	Sale	12½	Sale	13⅛	Sale	11¾ Aug 5	13½ Aug 14	9⅞ Apr 16	13⅞ Jun 13
15,500	193,000	Briggs Manufacturing	3.50	5⅛	Sale	5½	Sale	5¾	Sale	5½ Aug 1	5⅞ Aug 9	4½ Feb 4	6⅜ Jan 14
26,300	204,900	Briggs & Stratton	3	36⅝	37⅜	41⅛	Sale	44¾	Sale	39 Aug 8	46 Aug 26	37⅜ Jan 3	47 Jan 30
40,600	426,700	Bristol-Myers Co com	1	87	Sale	105½	Sale	109½	Sale	104¼ Aug 1	109¾ Aug 28	85⅞ Jan 26	109¾ Aug 28
100	490	3¾% preferred	100	88	91½	92½	94½	93½	94	-- ------	-- ------	87½ Jan 2	94¾ Aug 23
20,500	175,500	Brooklyn Union Gas	10	37	Sale	44⅛	Sale	43¾	Sale	43¼ Aug 30	44½ Aug 16	36½ Jan 3	46 July 9
960	11,690	5.50% pfd series A	100	111½	112	113½	114	113¼	113½	112⅜ Aug 20	114 Aug 5	111½ Jan 4	114¾ July 26
4,900	38,000	Brown Shoe Inc	15	85½	Sale	85⅝	Sale	90¾	Sale	85½ Aug 2	91 Aug 27	85¼ July 1	93¾ Jan 10

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Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
778.900	5,312,600	Brunswick Corp	*	18⅞	Sale	12¾	Sale	12⅛	Sale	12 Aug 6	13¼ Aug 5	12 Aug 6	20⅝ Jan 8
16.400	‡55,100	Buckeye Pipe Line	*	—	—	30⅛	Sale	29	29¼	28½ Aug 13	30⅛ Aug 1	‡28½ Jun 27	33⅛ May 7
35.900	464,100	Buckingham Corp cl A	1	28⅛	Sale	28¾	Sale	27⅜	Sale	27¼ Aug 23	29¼ Aug 16	25 Jan 28	31¾ May 16
34.100	307,700	Bucyrus Erie Co	5	15	Sale	16⅜	Sale	16	Sale	15⅜ Aug 5	16⅜ Aug 1	14⅞ Jan 2	18⅛ May 13
62.200	1,001,400	Budd (The) Co common	5	11⅞	Sale	13¾	Sale	14⅝	Sale	13⅝ Aug 1	15 Aug 28	11¾ Jan 2	16 Jun 25
800	4,200	$5 preferred	*	79½	Sale	91¼	92¼	88½	90½	90 Aug 15	92¼ Aug 6	79½ Jan 2	92¼ Aug 6
4.900	45,300	Buffalo Forge Co	1	29	Sale	30¼	Sale	30	Sale	30 Aug 20	31½ Aug 7	28⅜ Jan 7	37 Jan 15
22.200	298.500	Bullard Co	10	10⅜	Sale	14⅝	Sale	15	Sale	14⅛ Aug 19	16 Aug 7	10⅜ Jan 2	17⅞ May 13
9.900	131,900	Bullock's Inc	5	59	Sale	62⅜	Sale	63	Sale	61½ Aug 5	63 Aug 15	55 Jan 17	64 July 10
67.400	464,200	Bulova Watch Co Inc	5	9⅞	Sale	14¾	Sale	16⅛	Sale	14⅜ Aug 2	16½ Aug 20	9¾ Jan 2	16½ July 11
95.600	2,124,800	Burlington Industries com	1	25⅞	Sale	36	Sale	37⅞	Sale	35⅞ Aug 1	38 Aug 23	25⅞ Jan 2	38 Aug 23
12.200	166,500	Burndy Corp	1	14⅜	Sale	17	Sale	16¼	Sale	15⅞ Aug 9	17 Aug 1	13¾ Mar 15	19½ Jun 20
271.400	1,957,300	Burroughs Corp	5	28½	Sale	26¼	Sale	27⅝	Sale	25¾ Aug 1	29½ Aug 12	25¾ Aug 1	34 Feb 18
555.400	1,749,100	Rights		—	—		¼ Sale	—	—	3/32 Aug 1	1/8 Aug 5	3/32 July 24	⅜ July 19
12.300	52,400	Bush Terminal Co	1	21	Sale	19⅜	Sale	21⅝	Sale	19¼ Aug 7	22¼ Aug 19	18½ Mar 19	22¼ Aug 19
5.100	31,200	Byers (A M) Co	33⅓	9⅝	10	9⅛	9¼	9	Sale	8⅞ Aug 26	9½ Aug 15	8⅞ Aug 26	10⅞ Jan 9
103.800	1,008,600	Calif Financial Corp	1	8⅜	Sale	8⅝	Sale	9½	Sale	8¼ Aug 2	9⅝ Aug 28	8 Jan 2	11½ Apr 11
38.400	449,100	California Packing	2.50	24⅜	Sale	31⅛	Sale	32	Sale	31⅛ Aug 1	33⅜ Aug 23	23⅝ Apr 24	33⅜ Aug 23
54.900	499,100	Callahan Mining Corp	1	4⅝	Sale	6¾	Sale	6¾	Sale	6⅝ Aug 5	7 Aug 9	4½ Jan 3	7⅛ July 9
77.500	325,400	Calumet & Hecla Inc	5	11¾	Sale	12¼	Sale	14½	Sale	12⅛ Aug 1	14⅞ Aug 21	11 May 7	14⅞ Aug 21
78.900	367,600	Campbell Red Lake Mines	1	12⅞	Sale	15⅞	Sale	16¼	Sale	15⅝ Aug 1	17 Aug 20	12⅞ Jan 2	17 Aug 20
35.700	311,500	Campbell Soup Co	1.80	96¼	Sale	98	Sale	101⅜	Sale	97½ Aug 2	101½ Aug 30	92½ Apr 17	107½ Jan 28
47.300	245,500	Canada Dry Corp com	1.66⅔	21½	Sale	23	Sale	25⅛	Sale	22⅝ Aug 8	25¼ Aug 29	21½ Jan 2	25¼ Aug 29
1.230	5,010	$4.25 conv preferred	*	91⅜	93	93½	93⅞	93⅜	94	93⅜ Aug 16	94 Aug 19	91½ Jan 4	94¼ May 22
30	2,260	Canada Southern Ry Co	100	49½	50	53	53½	51	55	53½ Aug 15	53½ Aug 15	50 Jan 3	55 Apr 25
30.200	283,100	Canadian Breweries	*	10⅛	Sale	9¼	Sale	9⅜	Sale	9¼ Aug 1	9¾ Aug 30	9 July 19	10¾ May 3
102.000	912,800	Canadian Pacific Ry	25	22⅝	Sale	28¼	Sale	30⅜	Sale	27¾ Aug 12	30⅜ Aug 30	22⅝ Jan 2	30⅝ July 10
8.700	97,100	Carborundum (The) Co	5	46¼	Sale	41¾	Sale	44¾	Sale	41¼ Aug 2	44⅞ Aug 28	41¼ Aug 2	49½ Apr 10
13.300	100,100	Carey (Phillip) Mfg Co	10	26¼	Sale	25¾	Sale	24⅜	Sale	24⅛ Aug 30	26 Aug 6	24⅛ May 2	29⅝ Feb 12
30.500	165,500	Carlisle Corp	*	14⅞	Sale	13	Sale	14¾	Sale	13 Aug 1	14⅞ Aug 30	12¾ Jun 19	15½ Apr 8
300	3,980	Caro Clinch & Ohio Ry	100	101¾	Sale	105¾	106¾	105	105½	105 Aug 5	105¾ Aug 2	101¾ Jan 2	108 May 21
18.800	203,300	Carolina Power & Light	*	62	Sale	65½	Sale	68¾	Sale	65½ Aug 1	70¼ Aug 21	60¾ Jan 10	70¼ Aug 21
13.900	145,200	Carpenter Steel Co	5	36⅜	Sale	35¼	Sale	37⅜	Sale	35¼ Aug 1	38¾ Aug 26	33⅛ Mar 27	41¼ Jun 4
22.500	275,800	Carrier Corp common	10	37¼	Sale	38	Sale	40⅝	Sale	37 Aug 22	40⅝ Aug 30	36 July 23	43⅝ May 9
1.260	6,820	4½% preferred	50	48	Sale	49½	50½	49½	50½	49½ Aug 19	51¾ Aug 9	48 Jan 2	51¾ Aug 9
1.600	14,400	Carriers & General Corp	1	29	30	32¾	33¼	33	Sale	33 Aug 30	34¼ Aug 19	29½ Jan 3	34¾ Jan 22
127.400	465,300	Carter Products Inc	1	54	Sale	68½	Sale	74⅜	Sale	68½ Aug 1	76 Aug 23	54 Jan 2	76 Aug 23
417.300	1,684 200	Case (J I) common	1	7	Sale	9	Sale	10¼	Sale	8⅝ Aug 2	11 Aug 26	7 Jan 2	11 Aug 26
4.220	292,600	7% preferred	100	64½	Sale	68½	Sale	75	Sale	67½ Aug 7	77⅜ Aug 23	64½ Jan 2	80⅞ Jan 9
23.800	302,700	6½% 2nd pfd	7	3¼	Sale	3¾	Sale	4¼	Sale	3¾ Aug 1	4¼ Aug 26	3¼ Jan 2	4½ May 28
125.400	1,312,700	Caterpillar Tractor com	*	37⅛	Sale	43⅝	Sale	44⅞	Sale	43¼ Aug 1	45½ Aug 19	34⅝ Mar 1	46⅞ Jun 5
3.600	36,600	Ceco Steel Products Corp	10	19⅞	20¼	25⅛	Sale	26	Sale	24½ Aug 15	26⅜ Aug 27	20⅜ Jan 3	26⅜ May 2
144.600	1,337,400	Celanese Corp of Am com	*	38⅝	Sale	48⅝	Sale	54¾	Sale	48⅝ Aug 1	54¾ Aug 28	36½ Mar 4	54¾ Aug 28
110	2,310	7% 2nd preferred	100	132½	133⅞	144½	146	145¼	146¼	145¼ Aug 28	147 Aug 2	133⅛ Jan 8	147 Aug 2
11.900	101,100	4½% conv pfd ser A	100	90	Sale	94½	Sale	95	Sale	94⅛ Aug 2	95 Aug 6	90 Jan 2	95¼ Jun 19
5.400	102,100	Celotex Corp common	1	21⅛	Sale	26⅜	Sale	27¾	Sale	26¼ Aug 2	28 Aug 29	21 Jan 2	30⅜ May 21
1.000	21,900	5% preferred	20	15¾	Sale	17¾	Sale	18¼	18½	17½ Aug 15	18¼ Aug 14	15¾ Jan 2	18½ July 2
89.600	381,600	Cenco Instruments Corp	1	39¼	Sale	42¼	Sale	54	Sale	41¾ Aug 1	54½ Aug 30	38¾ Jan 2	54½ Aug 30
16.100	393,500	Central Aguirre Sugar Co	5	22¼	Sale	27⅜	Sale	29¾	Sale	26⅜ Aug 8	29¾ Aug 30	22 Jan 15	35¼ May 22
8.400	64,900	Central Foundry Co	1	15¼	Sale	17⅞	Sale	18⅝	Sale	17½ Aug 14	18¾ Aug 30	15¼ Jan 2	18¾ May 20
----	2,800	Central of Ga Ry com	*	50	51½	53½	54¼	—	—	—	—	47 May 23	53⅜ July 11
500	10,500	5% pfd series B vtc	100	77½	Sale	81¼	Sale	—	—	81⅛ Aug 12	81¼ Aug 1	73 May 3	81¼ Aug 1
16.000	167,000	Central Hudson Gas & Elec	*	33¾	Sale	35⅞	Sale	35⅝	Sale	35 Aug 22	36⅞ Aug 16	33 Jan 7	38⅛ July 15
15.100	147,200	Central Illinois Light com	*	46½	Sale	49	Sale	48¾	Sale	48⅛ Aug 30	49⅜ Aug 20	45½ May 31	49⅞ Apr 22
600	6,620	4½% preferred	100	99¼	100	100¼	101½	100¼	Sale	100¼ Aug 30	101 Aug 9	98¾ Jan 7	102¼ Apr 4
38.100	355,400	Central Illinois Pub Serv	*	24¼	Sale	24¼	Sale	24¼	Sale	24 Aug 2	25 Aug 19	22½ Mar 11	26¾ May 1
62.800	539,290	Cent & South West Corp	2.50	41⅜	Sale	43½	Sale	44⅛	Sale	42½ Aug 6	45¼ Aug 16	41⅛ Jan 2	47¼ Feb 7
12.800	149,100	Central Soya Co	*	30	Sale	27¾	Sale	27¾	Sale	26½ Aug 20	28⅜ Aug 14	26½ Aug 20	32 Jan 22
4.100	113,400	Century Industries Co	*	13½	Sale	10⅝	10⅞	10⅜	10½	10 Aug 13	10⅝ Aug 2	10 Aug 13	14¾ Jan 27
304.400	907,100	Cerro Corp	5	19⅛	Sale	26¾	Sale	32	Sale	26⅝ Aug 1	33¼ Aug 26	19⅛ Jan 2	33¼ Aug 26
175.200	1,071,400	Certain-teed Products	1	15⅞	Sale	14¾	Sale	15⅞	Sale	14½ Aug 6	17⅛ Aug 21	13¾ Jun 6	19¾ Feb 6
53.000	570,500	Cessna Aircraft Co	1	21	Sale	21	Sale	21¼	Sale	20 Aug 6	21½ Aug 30	20 Aug 6	25½ May 23
42.300	552,500	Chadbourn Gotham Inc	1	4⅜	Sale	3¾	Sale	3¾	Sale	3½ Aug 12	3⅞ Aug 1	3½ Aug 12	4¾ Mar 13
6.300	91,100	Chain Belt Co	10	33½	Sale	43½	Sale	44½	Sale	43½ Aug 1	46 Aug 26	33½ Jan 2	47¼ May 31
63.900	522,800	Champion Papers Inc com	*	25⅜	Sale	27⅝	Sale	30⅛	Sale	27⅛ Aug 15	30⅛ Aug 30	25⅛ Jan 2	30¼ May 10
210	8,820	$4.50 preferred	*	99	Sale	101¾	Sale	100½	102	100¼ Aug 13	102 Aug 15	96¼ Jan 22	102½ May 24
46.100	542,400	Champion Spark Plug Co	1⅔	33	Sale	37⅞	Sale	40¼	Sale	37½ Aug 1	40¾ Aug 13	32⅝ Jan 2	40¾ Aug 13
116.200	1,053,700	Champlin Oil & Refin Co	1	30½	Sale	33⅞	Sale	34	Sale	33¼ Aug 20	35 Aug 2	29½ Feb 12	35 Aug 2
23.100	186,600	Checker Motors Corp	1.25	21⅜	Sale	26⅜	Sale	24⅛	Sale	23⅝ Aug 27	26⅜ Aug 1	20⅝ May 14	26⅝ July 31
63.000	336.200	Chemetron Corp	1	18½	Sale	22⅛	Sale	25⅜	Sale	22 Aug 1	25⅝ Aug 29	18½ Jan 2	25⅝ Aug 29
141.900	955,700	Chemway Corp	1	5⅝	Sale	10½	Sale	10⅛	Sale	8¼ Aug 14	10½ Aug 1	5½ Jan 2	11⅝ July 10
2.600	34,800	Chesapeake Corp of Va	5	36¾	37¼	40½	41	43	Sale	40¼ Aug 5	43 Aug 30	37 Jan 3	44 Mar 25
82.400	861,100	Chesapeake & Ohio com	25	51½	Sale	62	Sale	64⅜	Sale	62 Aug 1	64⅞ Aug 16	51⅜ Jan 2	64⅞ Aug 16
----	700	3½% conv preferred	100	84⅛	98	95	104	99	105	—	—	92 Mar 7	100 May 2
34.300	293,400	Chesebrough-Pond's Inc	2	52½	Sale	60¼	Sale	60	Sale	58¾ Aug 28	60½ Aug 9	51¾ Jan 2	61⅝ Jun 14
16.000	53,200	Chicago & Eastern Ill RR	*	9	Sale	14¼	Sale	15⅛	Sale	13½ Aug 14	15⅞ Aug 28	9 Jan 2	15⅞ Aug 28
1.410	5,260	Class A	40	16⅜	17	22¾	Sale	24	Sale	21⅝ Aug 1	24⅞ Aug 8	16½ Jan 14	24⅞ Aug 2
15.800	158,500	Chicago Great Western	50	14½	Sale	24¼	Sale	25¼	26⅝	23¾ Aug 1	26⅜ Aug 16	14½ Jan 2	27⅜ Jun 25
3.800	62,300	5% preferred	50	29¼	30	36⅝	37	36¾	Sale	36 Aug 8	37½ Aug 16	29½ Jan 17	38¾ May 8
149.700	747,200	Chic Milw St Paul & Pac RR Co common	*	9⅜	Sale	14	Sale	16¼	Sale	13⅝ Aug 2	16⅞ Aug 28	9⅜ Jan 2	16⅞ Aug 28
11.300	65,700	5% ser A non-cum pfd	100	50¾	51¼	62½	Sale	65¾	Sale	62 Aug 1	65¾ Aug 30	51¼ Jan 3	65¾ Aug 30
137.900	581,500	Chic & North Western RR	*	13¼	Sale	26⅛	Sale	33¾	Sale	25¼ Aug 1	34¼ Aug 28	13⅛ Jan 2	34¼ Aug 28
90.600	470,400	5% preferred series A	100	20⅜	Sale	44¾	Sale	52½	Sale	44¼ Aug 1	53⅞ Aug 15	20⅜ Jan 2	53⅞ Aug 15
29.500	337,100	Chicago Pneumatic Tool	8	27¼	Sale	30⅝	Sale	32¼	Sale	30⅛ Aug 7	32¾ Aug 28	26½ Jan 3	34⅜ Jun 3
101.400	852,400	Chic Rock Isl & Pac RR	*	18⅞	Sale	24¾	Sale	26¾	Sale	24¾ Aug 1	27¼ Aug 21	18½ Jan 2	27¼ Aug 21
8.200	109,480	Chicago Yellow Cab	*	23⅝	Sale	36	Sale	32	Sale	30 Aug 26	36¾ Aug 1	22 Feb 20	38½ July 29
1.500	14.800	Chickasha Cotton Oil	5	18⅛	18⅞	21½	Sale	21½	21¾	21¼ Aug 22	21⅞ Aug 28	18⅛ Jan 4	23¾ May 13
65.400	625,400	Chock Full O'Nuts Corp	25c	16⅛	Sale	16	Sale	17	Sale	15¾ Aug 20	17⅜ Aug 30	15 Mar 19	19¼ Jun 19
44.500	623,200	Chris-Craft Industries	1	12⅞	Sale	13	Sale	13½	Sale	12½ Aug 5	14¼ Aug 7	12⅛ July 24	18¾ Apr 15
2 256 800	‡6 841 300	Chrysler Corp	12.50	—	—	57¼	Sale	72¾	Sale	55½ Aug 1	73 Aug 30	‡51 May 6	73 Aug 30
67.300	‡195.500	Cincinnati G & E com	8.50	—	—	25⅛	Sale	26	Sale	25 Aug 1	26¾ Aug 6	‡25 July 22	28¼ Apr 29
990	12,010	4% preferred	100	91⅛	Sale	93⅜	93½	96¾	Sale	94 Aug 5	96¾ Aug 30	90 Mar 22	96¾ Aug 30
2.050	7,100	4¾% preferred	100	105	106½	104⅝	Sale	104	105	104⅛ Aug 7	105½ Aug 6	104 Feb 27	106¾ Jun 13
8.600	132,700	Cincinnati Milling Mach	10	39⅜	Sale	39	Sale	43¼	Sale	39 Aug 1	43¾ Aug 29	36¼ Mar 20	49⅝ May 13
66.900	1,020,600	C I T Financial Corp	*	43½	Sale	41¾	Sale	41⅝	Sale	41½ Aug 26	43 Aug 5	41¼ Mar 20	46¼ Feb 26
134.100	888.100	Cities Service Co com	10	56⅞	Sale	71	Sale	68⅜	Sale	66¼ Aug 26	72⅜ Aug 6	55⅝ Jan 2	72⅜ Aug 6
7.500	99,700	$4.40 conv preferred	*	106½	Sale	118	Sale	116½	Sale	115 Aug 26	121 Aug 6	106 Jan 4	121 Aug 6
55.100	198,400	$2.25 conv preference	*	—	—	64	Sale	62	Sale	61⅛ Aug 27	65½ Aug 5	59 Jun 27	65½ Aug 5
12.600	71,600	City Investing Co	5	21⅛	Sale	22⅝	23	23¼	Sale	21⅞ Aug 27	23⅞ Aug 7	20⅞ Jan 2	26½ Jan 30
30.700	223,500	City Products Corp	*	25⅜	Sale	30½	Sale	33¼	Sale	30½ Aug 1	34⅛ Aug 28	24¾ Jan 3	34⅛ Aug 28
7.900	120.400	City Stores Co	5	8¾	Sale	8⅛	Sale	8¼	Sale	8⅛ Aug 1	8⅜ Aug 20	7⅞ Jun 27	9⅞ Jan 11
97.000	676,200	Clark Equipment Co	10	30½	Sale	41	Sale	43	Sale	40 Aug 8	43 Aug 12	29⅝ Feb 5	45 Jun 4
5.900	66,200	Cleveland-Cliffs Iron Co	1	37⅜	Sale	43¾	Sale	45	Sale	43½ Aug 5	45⅜ Aug 29	37⅜ Jan 2	45⅞ May 16
84.900	‡187.300	Cleve Elec Illum com	*	—	—	33⅞	Sale	34⅛	Sale	33⅜ Aug 22	34⅞ Aug 5	‡31⅞ Jun 7	34⅞ Aug 5
190	10.200	$4.50 preferred	*	101⅞	Sale	106½	—	107	—	106½ Aug 9	106⅝ Aug 23	99 Apr 17	106⅝ Aug 23
500	3,170	Clev & Pitts RR Co 7% gtd	50	63	64	69	70	68¾	Sale	68⅛ Aug 22	70 Aug 5	64 Jan 8	70⅛ July 22
450	3,040	Special gtd 4% stock	50	36⅛	37	39½	Sale	38⅛	39	38½ Aug 27	39¾ Aug 5	36⅛ Jan 22	40¼ Jun 27
33.900	442,700	Clevite Corp	1	38⅞	Sale	38	Sale	40½	Sale	36¾ Aug 1	40¾ Aug 26	36⅝ July 22	46¼ Jun 11
34.300	223.600	Cluett Peabody & Co— Common	3.25	45½	Sale	47	Sale	50⅝	Sale	46 Aug 5	51⅜ Aug 23	42 Mar 1	51⅜ Aug 23
190	2,240	7% preferred	100	140	141	143	143¼	140½	143	141½ Aug 15	143 Aug 5	140 Mar 27	147 May 14
150.600	985.400	Coastal States Gas Pro	33⅓	—	—	35¾	Sale	36½	Sale	34⅝ Aug 23	37½ Aug 16	28¾ Feb 20	39¾ Jun 13
50.400	467.200	Coca-Cola Co	*	85¼	Sale	95½	Sale	102¼	Sale	95½ Aug 1	103 Aug 29	84½ Jan 3	103 Aug 29
18.400	114,800	Coca-Cola Bottling Co N Y	1	20⅜	Sale	21¼	Sale	22½	Sale	20⅝ Aug 5	22⅞ Aug 23	20⅜ Jan 2	24 Jan 21
90.600	‡149.300	Colgate-Palmolive— New common	1	—	—	45½	Sale	45½	Sale	45⅛ Aug 29	49 Aug 5	‡44⅛ July 26	49 Aug 5
400	5 190	$3.50 preferred	*	81	Sale	82	Sale	81½	82½	81¼ Aug 1	82 Aug 1	80 Apr 17	84⅞ Mar 4
43.600	582,800	Collins & Aikman Corp	*	34	Sale	47½	Sale	50¾	Sale	46¾ Aug 1	50⅞ Aug 30	31⅝ Apr 5	50⅞ Aug 30
9,600	‡9,600	When issued	*	—	—	—	—	25⅜	Sal	24¼ Aug 8	25½ Aug 22	‡24¼ Aug 8	25½ Aug 22
102.400	1,352.800	Collins Radio Co	1	22⅞	Sale	26¼	Sale	26⅞	Sale	24⅛ Aug 21	27¼ Aug 29	22¾ Jan 2	35⅜ Jun 4
83.100	364.000	Colonial Corp of America	50c	—	—	19	Sale	20⅛	Sale	17⅜ Aug 15	20⅞ Aug 26	¶17⅜ Aug 15	23⅝ May 15
117.500	1,092,100	Colorado Fuel & Iron com	5	8¾	Sale	8¾	Sale	9½	Sale	8⅝ Aug 1	10 Aug 23	8⅜ July 19	10⅞ Apr 16
2.000	14,000	5½% preferred ser B	50	32⅛	33⅜	36	Sale	35⅞	Sale	35⅞ Aug 30	37 Aug 23	32⅞ Jan 3	39 Apr 19

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Aggregate Sales in August Shares	Aggregate Sales Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
640	7,880	Colorado & Southern— 4% non-cum 1st pfd	100	42 Sale		56½	58	58	Sale	57 Aug 14	59 Aug 22	41 Jan 7	60 Jun 14
161.600	1,713,000	Columbia Broadcasting System	2.50	44½ Sale		64½	Sale	73⅜	Sale	63⅜ Aug 1	73⅜ Aug 30	42½ Jan 7	73⅜ Aug 30
91.300	912,000	Columbia Gas System	10	26⅞ Sale		29½	Sale	30⅛	Sale	29¼ Aug 8	30⅜ Aug 19	26⅝ Jan 2	30½ Jun 12
55.200	555,200	Columbia Pictures com	5	23½ Sale		23⅝	Sale	26½	Sale	23⅜ Aug 2	27½ Aug 16	22¼ Jan 8	29½ May 10
210	2,460	$4.25 preferred	*	77¼ Sale		81½	Sale	82	83	81 Aug 7	82½ Aug 16	77¼ Jan 2	83 Feb 8
24.900	143,600	Columbus & So Ohio Elec	5	67 Sale		69	Sale	70	74	67½ Aug 5	70⅜ Aug 21	67 Jan 2	74 Feb 25
61.400	389,500	Combustion Engineering	1	25¼ Sale		26⅞	Sale	28¼	Sale	26⅛ Aug 6	28⅝ Aug 28	24⅝ Mar 19	29⅜ May 22
40.700	461,800	Commercial Credit com	5	44⅞ Sale		43⅛	Sale	43½	Sale	42½ Aug 27	44¾ Aug 19	40¼ July 19	48¾ Feb 18
5.600	16,900	4½% conv preferred	100	— —		106¼	Sale	103½	105	105 Aug 7	106¼ Aug 1	105 Aug 7	111¼ Feb 19
449.600	981,800	Commercial Solvents	1	24 Sale		24½	Sale	28⅜	Sale	24½ Aug 1	29¾ Aug 27	22 Mar 20	29¾ Aug 27
68.800	622,900	Commonwealth Edison	12.50	44⅜ Sale		48⅞	Sale	52½	Sale	48⅝ Aug 1	53⅜ Aug 26	44¼ Jan 2	53⅜ Aug 26
22.400	154,600	Conde Nast Publications	*	9 Sale		11½	Sale	12¼	Sale	10⅝ Aug 16	12¼ Aug 30	8⅞ Jan 21	12¼ Aug 30
32.600	412,200	Cone Mills Corp	10	12 Sale		12¾	Sale	13¼	Sale	12½ Aug 2	13⅜ Aug 19	10¼ May 3	14¾ May 14
18.500	304,400	Congoleum-Nairn Inc	*	10 Sale		8⅞	Sale	9⅛	Sale	8⅝ Aug 12	9⅜ Aug 27	8⅝ Aug 12	12¼ Feb 4
32.800	320,800	Consolidated Cigar Corp	1	49½ Sale		68⅜	Sale	74	Sale	68 Aug 1	74 Aug 30	49½ Jan 2	74 Aug 30
71.000	733,900	Cons Edison Co of N Y Inc	*	83¼ Sale		86¾	Sale	89¼	Sale	86⅜ Aug 1	89⅜ Aug 30	81⅞ Jan 2	89½ Feb 15
7.800	69,900	$5 preferred	*	106 Sale		106¾	Sale	106¼	Sale	106⅛ Aug 7	106¾ Aug 1	105¾ Apr 18	109 Jan 25
14.500	108,500	4.12% conv pref ser A	100	109¾ Sale		109¾	Sale	114	Sale	109¾ Aug 1	114 Aug 30	109 Feb 28	115½ Feb 13
115.900	327,200	Consol Electronics Indus	5	31 Sale		30½	Sale	34¼	Sale	30½ Aug 1	38 Aug 9	27½ Apr 16	38 Aug 9
39.200	474,500	Consolidated Foods	1.33⅓	34¾ Sale		40¾	Sale	45¾	Sale	40⅝ Aug 1	46 Aug 16	33⅜ Feb 6	46 Aug 16
3.200	65,500	Consol Laundries Corp	5	24½ 24¾		28½	Sale	27⅞	Sale	27⅝ Aug 16	28½ Aug 1	24½ Jan 3	29¾ May 29
30.900	323,700	Consol Natural Gas	10	57 Sale		66	Sale	64¼	Sale	63¾ Aug 30	68¼ Aug 5	56¾ Jan 2	68¼ Aug 5
49.300	573,800	Consolidation Coal Co	1	35¼ Sale		42	Sale	45¾	Sale	42 Aug 1	46¼ Aug 30	35⅛ Jan 2	46 Aug 29
40.000	481,200	Consumer Power Co— Common	*	42¼ Sale		45¾	Sale	49⅝	Sale	45¾ Aug 1	50¼ Aug 26	40½ Mar 4	50¼ Aug 26
2.710	25,420	$4.50 preferred	*	101 Sale		100¾	Sale	101¾	Sale	100⅝ Aug 20	102½ Aug 26	98¾ Apr 15	102½ Jan 4
410	7,980	$4.52 preferred	*	102¼ 103½		103	104	103	104½	103 Aug 6	104½ Aug 23	102¼ Apr 23	105 Jan 18
680	2,070	$4.16 preferred	*	93½ 94½		95	95¾	94¾	96	94¼ Aug 5	96 Aug 26	94¼ Aug 5	98 Mar 25
72.400	611,200	Container Corp of America Common	5	24¼ Sale		26⅜	Sale	28¼	Sale	25 Aug 7	28½ Aug 26	23⅝ Jan 18	29½ May 10
10	210	4% preferred	100	94 94½		94½	96	94¾	96¼	94¾ Aug 26	94¾ Aug 26	94 Jan 23	94¾ Aug 26
651.900	2,504,100	Continental Air Lines	1.25	6⅝ Sale		11⅜	Sale	13⅝	Sale	11¼ Aug 1	13¾ Aug 13	6⅝ Jan 2	13¾ Aug 13
20.200	147,300	Contin'tal Baking Co com	5	44 Sale		53¼	Sale	54½	Sale	51¾ Aug 9	54⅝ Aug 29	43¾ Apr 5	54⅝ Aug 29
440	5,510	$5.50 preferred	*	106 Sale		108	108½	108	109	107½ Aug 6	109 Aug 13	106 Jan 2	109¾ May 31
74.500	922,100	Continental Can com	10	44⅞ Sale		45⅜	Sale	46⅜	Sale	45⅛ Aug 1	47⅛ Aug 23	42⅝ Mar 29	48 Jun 17
690	5,700	$3.75 preferred	*	87¼ 88		90	90¾	90⅛	Sale	90 Aug 2	91 Aug 20	87¼ Jan 4	91½ Jun 6
43.900	424,600	Continental Copper & Steel Common	2	4⅜ Sale		5¾	Sale	5¾	Sale	5⅝ Aug 1	6½ Aug 16	4¼ Jan 2	6⅞ July 12
100	5,700	5% preferred	25	17⅛ 18		19½	20	18½	19½	19⅛ Aug 2	19⅛ Aug 2	17⅛ Jan 3	20½ July 9
78.300	791,900	Continental Insurance	5	59⅞ Sale		56⅛	Sale	57⅜	Sale	55⅞ Aug 5	59⅝ Aug 15	55⅞ Jun 5	64¾ Feb 15
43.200	522,500	Continental Motors Corp	1	10⅞ Sale		11⅝	Sale	12	Sale	11⅝ Aug 1	12½ Aug 6	10⅞ Jan 2	13½ Jun 5
83.600	620,800	Continental Oil of Del	5	54⅝ Sale		59¼	Sale	64¾	Sale	59 Aug 1	65¼ Aug 29	53¼ Jan 2	65¼ Aug 29
11.900	76,500	Continental Steel Corp	7	41⅝ Sale		42½	Sale	46	Sale	41⅞ Aug 5	46⅞ Aug 23	41⅜ Jan 2	47⅝ Apr 15
753.200	3,090,700	Control Data Corp	50c	— —		67¼	Sale	88	Sale	65¼ Aug 1	88 Aug 30	36½ Mar 7	88 Aug 30
14.000	108,400	Controls Co of America	5	23 23¾		24	Sale	25⅛	Sale	23¾ Aug 9	25⅞ Aug 28	22½ Jan 21	28¾ May 28
13.000	129,300	Cooper-Bessemer Corp	5	27½ Sale		30⅝	30⅞	30⅜	Sale	30⅜ Aug 26	32⅛ Aug 16	27¼ Jan 2	33 Apr 10
28.900	384,400	Cooper Tire & Rubber Co	1	12 Sale		14¾	Sale	14⅝	Sale	14⅛ Aug 5	15⅜ Aug 21	12 Jan 2	17⅝ Jun 3
23.000	160,600	Copeland Refriger't'n Corp	1	21¾ Sale		21⅛	Sale	20¼	Sale	19¼ Aug 9	21½ Aug 19	19¼ Aug 9	26¾ Jan 15
37.000	389,500	Copper Range Co	5	16½ Sale		21⅜	Sale	23⅞	Sale	21 Aug 1	23⅞ Aug 30	16½ Jan 2	24⅞ May 13
17.800	148,600	Copperweld Steel	5	32½ Sale		35	Sale	37	Sale	34¼ Aug 8	37½ Aug 23	32½ Jan 2	38 Apr 22
103.000	1,047,300	Corn Products Co (Del)	50c	50½ Sale		55¾	Sale	59⅞	Sale	55½ Aug 2	59⅞ Aug 30	49 Mar 29	60 May 22
51.300	319,600	Corning Glass Works com	5	160¼ Sale		170¾	Sale	195½	Sale	168½ Aug 5	197 Aug 29	152¾ Mar 6	197 Aug 29
150	1,060	3½% preferred	100	88 90		89	89½	89	90¼	89 Aug 2	89¼ Aug 13	87½ Jan 24	89¼ Aug 13
120	660	3½% pfd ser of 1947	100	93 95		93½	95	93¾	95	93¾ Aug 15	95 Aug 22	91 Feb 21	95 Aug 22
8.300	37,300	Coty Inc	1	14 Sale		12¾	Sale	11⅞	Sale	11⅞ Aug 30	13⅛ Aug 15	11¾ May 10	15¾ Jan 31
73.700	159,000	Coty Int'l Corp class A	1c	5 Sale		5⅛	Sale	5¼	5½	5 Aug 5	6⅛ Aug 21	4¾ Mar 21	6⅛ Aug 21
9.600	79,100	Crane Co common	25	42¼ Sale		52	Sale	56	56¼	51¼ Aug 1	56½ Aug 23	42¼ Jan 2	56½ Aug 23
400	3,200	3¾% preferred	100	82 83¼		81½	82½	82	Sale	81¾ Aug 27	82½ Aug 12	81½ Apr 5	83½ Jan 8
37.700	183,200	Crescent Petroleum com	1	13⅝ Sale		11⅛	Sale	12	Sale	10¾ Aug 7	12½ Aug 9	10½ July 2	14½ Jan 8
7.500	50,900	5% convertible pfd	25	23 23½		23⅝	24	24	Sale	23¾ Aug 2	25 Aug 8	23¼ Jan 4	25⅜ Feb 19
15.800	91,300	Crompton & Knowles Corp	*	23¾ 24		22⅜	Sale	24⅛	Sale	21⅞ Aug 21	24¼ Aug 30	20¼ Jun 20	24⅞ Feb 19
172.800	1,147,300	Crowell-Collier Publishing	1	19⅛ Sale		17⅝	Sale	20⅜	Sale	17 Aug 6	20½ Aug 30	14¼ Apr 2	20½ Jan 4
150.400	1,567,800	Crown Cork & Seal	2.50	33¾ Sale		34⅞	Sale	37	Sale	34 Aug 7	37⅛ Aug 15	28¼ Feb 27	39⅝ Jun 6
1.000	8,490	$2 preferred	*	44½ 46½		46½	Sale	47½	Sale	46½ Aug 1	47½ Aug 29	44 Feb 27	47½ Aug 29
63.500	585,700	Crown Zellerbach Corp— common	5	45½ Sale		46¾	Sale	49⅞	Sale	46¼ Aug 1	50¼ Aug 15	45 Jan 4	58 Apr 24
1.680	11,020	$4.20 preferred	*	96½ Sale		97¾	Sale	97	Sale	95½ Aug 7	98 Aug 1	95½ Aug 7	100 Jan 23
328.300	1,340,300	Crucible Steel of Amer	12.50	16⅝ Sale		20⅞	Sale	24½	Sale	20⅝ Aug 1	25¼ Aug 23	16⅝ Jan 2	25¼ Aug 23
1.100	5,500	5¼% conv preferred	100	102¾ 105		104¾	Sale	106⅛	108½	104¼ Aug 1	108 Aug 22	103 Jan 7	108 Aug 22
17.700	181,600	C T S Corp	*	17⅛ Sale		20¼	Sale	21¾	Sale	20 Aug 6	22⅛ Aug 21	17⅛ Jan 2	25 Jun 13
34.200	340,200	Cudahy Packing Co com	5	7⅞ Sale		7	Sale	8⅛	Sale	6⅞ Aug 1	8¼ Aug 29	6⅞ July 22	10 Jan 25
2.000	12,100	4½% preferred	100	51¼ 52¼		55¾	57	60¾	Sale	55¼ Aug 5	60¾ Aug 30	52¼ Jan 3	63¼ Apr 10
4.100	31,900	Cuneo Press Inc	5	10⅜ 10¾		10¾	Sale	11	11¼	10⅝ Aug 22	11¼ Aug 5	10 Mar 4	11⅞ May 7
3.900	69,200	Cunningham Drug	2.50	19½ 20		22	Sale	21⅝	Sale	21⅝ Aug 27	22½ Aug 5	19½ Jan 3	24½ Jun 6
86.600	533,200	Curtis Publishing com	1	6⅜ Sale		6¾	Sale	6⅛	Sale	5½ Aug 22	6⅞ Aug 2	5⅝ Aug 20	8½ Feb 14
11.700	129,200	$4 prior preferred	*	25¼ 26½		30	Sale	30	Sale	25¾ Aug 21	30 Aug 1	25¾ Jan 3	39⅞ Feb 14
5.200	38,500	$1.60 prior preferred	*	8¾ 9¼		9½	Sale	9½	Sale	8¼ Aug 20	9¾ Aug 2	8¼ Aug 20	12⅜ Feb 14
137.000	2,471,700	Curtis Wright Corp com	1	17⅝ Sale		19⅞	Sale	20½	Sale	19½ Aug 8	21⅜ Aug 15	17⅜ Jan 2	24¼ May 16
4.000	46,100	Class A	1	34 Sale		36½	37½	37	Sale	36¾ Aug 5	37½ Aug 14	33¾ Jan 3	38⅜ Feb 26
22.800	189,200	Cutler Hammer	10	58 Sale		54⅜	Sale	60¾	Sale	52 Aug 7	60¾ Aug 30	52 Aug 7	67¾ Apr 15
29.200	242,500	Dana Corp common	1	41 Sale		43	Sale	45⅜	Sale	42⅛ Aug 5	46 Aug 26	40¼ Jan 7	46 Feb 25
360	1,010	3¾% preferred ser A	100	88½ 91½		92	93½	90¾	92½	92½ Aug 27	93 Aug 2	89⅛ Apr 3	93 Aug 2
41.300	374,600	Dan River Mills Inc	5	13 Sale		15	Sale	15	Sale	14¾ Aug 7	15¾ Aug 16	13 Jan 2	16⅛ May 24
120.700	611,600	Dayco Corp	50c	14 Sale		17¾	Sale	20⅜	Sale	17⅝ Aug 1	21⅜ Aug 26	13¾ Jan 2	21⅜ Aug 26
39.400	244,700	Dayton Power & Light— Common	7	27¾ Sale		28½	Sale	31⅝	Sale	28⅛ Aug 1	31¾ Aug 26	27 Jan 21	31¾ Aug 26
370	3,280	3.75% preferred ser A	100	86 Sale		84	85½	85¼	86	84½ Aug 2	86 Aug 13	82 Mar 4	88½ Jun 28
-----	2,710	3.75% preferred ser B	100	84½ 87½		85½	87½	85¾	86½	-- ------	-- ------	84½ Mar 4	87½ Jun 12
110	470	3.90% preferred ser C	100	88½ Sale		88	89½	85¾	86½	88½ Aug 2	89½ Aug 26	87 May 10	90 Jan 29
4.700	56,300	Decca Records Inc	50c	45¼ 45¾		45½	Sale	45½	45¾	45½ Aug 1	45⅝ Aug 15	45⅛ Feb 18	46 Apr 25
68.100	664,700	Deere & Co	1	51½ Sale		61⅝	Sale	67⅜	Sale	59⅛ Aug 8	69 Aug 26	51½ Jan 2	69⅜ Jun 10
24.200	308,400	Delaware & Hudson Co	1	20⅝ Sale		21¼	Sale	22⅛	Sale	20⅝ Aug 8	22⅝ Aug 16	18⅝ Mar 27	23¼ July 11
21.700	206,800	Delaware Pow & Lt Co	6.75	47⅛ Sale		52¾	Sale	55⅔	Sale	52 Aug 6	56¼ Aug 28	46¼ Jan 3	56¼ Aug 28
144.900	‡838,800	Delta Airlines Inc	3	-- --		48⅞	Sale	50½	Sale	47⅝ Aug 8	52 Aug 14	‡36¼ Mar 6	54¾ Jun 5
4.500	91,500	Dentists Supply Co of NY	2.50	26⅞ Sale		29¾	Sale	29⅜	Sale	29⅜ Aug 30	30¾ Aug 6	26 Feb 15	32½ Jun 12
59.500	618,500	Denv & R G West RR Co	*	19⅛ Sale		21¼	Sale	22⅜	Sale	21⅛ Aug 1	22⅝ Aug 28	19⅛ Jan 2	23 May 29
66.400	738,700	De Soto Chem Coatings	1	9⅛ Sale		16⅛	Sale	17	Sale	15¼ Aug 9	17 Aug 28	9⅛ Jan 2	17 Aug 28
65.400	492,200	Detroit Edison Co	10	31⅝ Sale		32¼	Sale	34⅝	Sale	32⅛ Aug 1	34¾ Aug 28	31½ Jan 2	34⅞ Jan 29
78.700	684,600	Detroit Steel Corp	1	10¾ Sale		12⅝	Sale	13⅝	Sale	12⅝ Aug 1	14¼ Aug 23	10⅝ Jan 2	14⅜ Apr 16
2.200	29,700	De Vilbiss Co	15	31¾ Sale		34	Sale	34½	35⅛	34 Aug 1	36 Aug 12	31½ Jan 24	39½ Jun 11
28.400	263,700	Diamond Akali Co	*	47 Sale		45⅛	Sale	49¼	Sale	45 Aug 1	49½ Aug 20	44⅜ July 22	54½ Feb 19
25.700	231,400	Diamond National Corp	1	46¼ Sale		56½	Sale	59¼	Sale	56⅛ Aug 2	60⅜ Aug 20	45¾ Jan 3	60⅜ Aug 20
20.000	154,600	Diana Stores Corp	50c	10⅜ Sale		10	Sale	10⅛	Sale	9½ Aug 26	10¼ Aug 6	9½ Aug 26	12⅝ Jan 15
16.000	147,200	Di Giorgio Fruit Corp	2.50	13⅞ Sale		14⅛	Sale	14¼	Sale	14⅛ Aug 1	15⅜ Aug 13	11⅛ Mar 6	15⅝ May 14
51.800	708,800	Diners Club Inc	1	19⅝ Sale		19⅛	Sale	20½	Sale	19 Aug 14	20⅝ Aug 30	18⅜ July 31	23⅞ May 9
134.600	440,500	Disney (Walt) Product	2.50	27¾ Sale		39¼	Sale	44¾	Sale	38⅝ Aug 2	45⅝ Aug 29	27¾ Jan 2	45⅝ Aug 29
16.400	181,300	Distill Corp-Seagrams Ltd	2	44⅛ Sale		46⅝	Sale	46¾	Sale	46¼ Aug 5	48 Aug 16	43⅞ Jan 2	51⅝ Jun 12
21.300	324,200	Divco Wayne Corp	1	19½ Sale		24½	Sale	26	Sale	24 Aug 1	26¾ Aug 30	19 Jan 3	28⅜ May 22
24.000	217,600	Dr Pepper Co	*	21½ 21⅞		32⅜	Sale	35¾	Sale	32 Aug 9	36 Aug 29	21¾ Jan 3	36 Aug 29
108.200	375,900	Dome Mines Ltd	*	23⅜ Sale		28½	Sale	31¼	Sale	28⅜ Aug 1	33⅛ Aug 20	23⅛ Jan 2	33⅛ Aug 20
16.400	145,400	Dominick Fund Inc	1	20¼ Sale		20⅝	Sale	20½	Sale	20 Aug 1	21⅛ Aug 26	19 Mar 6	21½ Jun 10
46.400	473,700	Donnelley (R R) & Sons	1.25	21 Sale		24⅜	Sale	25	Sale	23¼ Aug 22	25¼ Aug 1	20⅞ Jan 4	29¼ Apr 24
75.000	853,400	Douglas Aircraft	*	25⅞ Sale		22¾	Sale	23¾	Sale	22½ Aug 9	23⅞ Aug 29	22½ July 16	29¾ Jan 14
67.800	373,000	Dover Corp	1	22⅝ Sale		30⅜	Sale	34½	Sale	29¼ Aug 1	35⅜ Aug 26	22½ Jan 22	35⅜ Aug 26
111.200	1,124,900	Dow Chemical Co	5	56 Sale		59	Sale	61⅛	Sale	58½ Aug 1	61⅝ Aug 30	55 Mar 4	66 May 1
124.900	778,800	Dresser Industries	50c	22¾ Sale		26¾	Sale	27¼	Sale	26⅜ Aug 1	28⅞ Aug 12	22⅜ Jan 2	28⅞ Aug 12

For footnotes, see page 29.

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Aggregate Sales in August Shares	Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
40,100	156,200	Drewrys Ltd USA Inc	1	22¾	Sale	20¾	Sale	18⅜	Sale	15¼ Aug 5	20¾ Aug 1	15¼ Aug 5	25⅞ Jan 15
13		Du Bois Chemicals Inc	1	16¼	Sale	19⅞	Sale	22¼	Sale	19⅞ Aug 1	22⅜ Aug 30	16¼ Jan 2	22⅜ Aug 30
15,300	319,000	Duke Power Co	*	56	Sale	61⅝	Sale	65½	Sale	61½ Aug 1	65⅞ Aug 16	53½ Apr 10	65⅞ Aug 16
27,800	224,100	Dunhill International	1	13⅝	Sale	14⅜	Sale	15⅜	Sale	13½ Aug 9	15⅜ Aug 30	13½ Jan 2	15½ Jun 21
31,400	372,000	Duplan Corp	1	10½	Sale	15¼	Sale	15½	Sale	14¾ Aug 5	15½ Aug 14	10⅛ Jan 29	16¾ July 10
		DuPont de Nem & Co (E I)											
64,200	624,200	Common	5	238½	Sale	237⅛	Sale	243¼	Sale	236½ Aug 1	246½ Aug 16	229½ July 26	256¾ May 9
7,400	56,700	$4.50 preferred	*	109	Sale	107¼	108	106½	Sale	106½ Aug 19	108 Aug 6	105⅝ Apr 24	109¾ Mar 15
2,600	25,600	$3.50 preferred	*	86½	87	86⅞	Sale	86	86½	86 Aug 29	87 Aug 1	84 Apr 10	89⅞ Jun 18
37,500	384,300	Duquesne Light Co com	5	30⅞	Sale	32½	Sale	33	Sale	32¼ Aug 1	34⅜ Aug 19	30⅞ Jan 2	34⅜ Aug 19
850	6,220	3.75% preferred	50	42¼	Sale	43	43½	44	45	43⅛ Aug 2	45 Aug 13	42 Feb 4	45 Aug 13
730	4,080	4.15% preferred	50	46½	Sale	47¼	48	48¾	49½	47¼ Aug 5	48⅝ Aug 20	46 Jan 2	50 May 31
3,690	25,240	5% preferred	50	46½	Sale	45¾	Sale	46½	Sale	45¼ Aug 28	47¼ Aug 6	43½ Apr 15	47¼ Aug 6
60	4,990	4.20% preferred	50	48	49¾	49½	50	48⅞	50½	49½ Aug 23	50 Aug 14	47¼ Apr 26	50¼ Mar 7
30	2,590	4.10% preferred	50	46	47	47	48¼	46⅜	47¾	47¾ Aug 23	47¾ Aug 23	46 May 1	48¼ Jun 21
320	3,150	$2.10 preferred	50	47	48½	48	49	47¼	48½	47½ Aug 22	48 Aug 22	47¼ Jun 7	50 Mar 21
44,500	101,500	D W G Cigar Corp	5	18	18¾	17⅞	Sale	24	Sale	17⅞ Aug 1	24⅛ Aug 29	16¾ Jun 19	24⅛ Aug 29
115,600	1,103,100	Dynamics Corp of America	1	14⅝	Sale	11¾	Sale	11¾	Sale	11 Aug 1	12¼ Aug 13	11 Aug 7	15¾ Jan 4
10,900	85,300	$1 conv preference	2	30½	Sale	25⅝	Sale	26	Sale	24½ Aug 7	26½ Aug 14	24½ Aug 7	31¾ Jan 4
25,000	226,800	Eagle-Picher Co	5	20½	Sale	23½	Sale	24⅜	Sale	23 Aug 8	24⅜ Aug 29	20⅜ Jan 2	24¾ Apr 23
427,000	1,677,100	Eastern Air Lines	1	19½	Sale	23⅞	Sale	27¾	Sale	23⅛ Aug 8	27¾ Aug 30	19 Apr 16	27¾ Aug 30
		Eastern Gas & Fuel Assn—											
8,300	725,500	Common	10	47	Sale	59½	Sale	58¾	Sale	58¾ Aug 27	61¼ Aug 12	46¼ Jan 2	64½ July 2
470	25,420	4½% prior preferred	100	90	Sale	97½	Sale	98⅜	99¼	97¼ Aug 5	98¼ Aug 22	90 Jan 2	101½ May 17
33,500	339,200	Eastern Stainless Steel	2.50	12½	Sale	16¼	Sale	16¾	Sale	15¾ Aug 5	17½ Aug 12	12⅜ Jan 2	18¾ May 29
92,900	951,900	Eastman Kodak common	10	108⅝	Sale	108⅜	Sale	110	Sale	107⅝ Aug 1	112⅝ Aug 20	106⅛ July 24	122⅜ Apr 26
510	1,660	$3.60 preferred	50	99½	101	99⅝	Sale	99⅝	101	99⅝ Aug 1	101 Aug 5	98½ Mar 4	101 Apr 30
66,600	441,800	Eaton Mfg Co	1	34¾	Sale	34⅝	Sale	37⅜	Sale	34⅝ Aug 1	37⅜ Aug 30	34½ Jan 2	38½ Jun 12
28,700	144,600	Echlin Mfg Co	1	--	--	11⅛	Sale	12⅛	Sale	11⅛ Aug 1	12¾ Aug 21	¶11 July 30	15 Feb 18
9,500	58,600	Edison Bros Stores com	1	54¼	Sale	57	Sale	58⅞	Sale	57 Aug 1	58⅞ Aug 30	50¼ Jun 17	60 Jan 14
30	1,040	4¼% preferred	100	92½	95	92½	94½	93½	95	93½ Aug 16	94½ Aug 7	91½ July 30	95½ Apr 5
18,300	231,500	Ekco Products com	2.50	29¾	Sale	29	Sale	28	Sale	27 Aug 30	29¼ Aug 6	27 Jan 24	30½ Jun 11
60	180	4½% preferred	100	99½	--	99½	--	102	--	99 Aug 9	102 Aug 28	98⅞ Jun 24	102 Aug 28
		Elastic Stop Nut Corp											
4,200	59,300	of America	1	32⅜	32¾	34¼	Sale	34	Sale	34 Aug 6	34½ Aug 2	32¼ Jan 18	39⅝ May 21
31,600	304,500	Electric Bond & Share	5	26½	Sale	30¾	Sale	30⅝	Sale	30 Aug 21	31⅛ Aug 12	26½ Jan 2	31⅞ Apr 30
		Elec & Musical Industries—											
73,800	627,800	American shares	10s	5⅞	Sale	5⅝	Sale	5⅞	Sale	5⅝ Aug 1	6⅛ Aug 22	5¼ Jun 14	6⅜ Apr 1
31,000	116,500	Electric Storage Battery	10	50	Sale	53½	53¾	55½	Sale	53½ Aug 5	57⅞ Aug 7	50 Jan 2	58 Apr 8
246,000	1,196,000	Electronics Associates Inc	1	35¾	Sale	60⅞	Sale	72¼	Sale	57½ Aug 2	72⅝ Aug 30	31¼ Mar 8	72⅝ Aug 30
157,000	484,300	Electronic Specialty Co	50c	--	--	27⅞	Sale	30¾	Sale	25⅞ Aug 2	31⅛ Aug 30	27½ July 31	34⅛ July 12
19,700	218,000	Elgin National Watch Co	5	10	Sale	9⅝	Sale	9¼	Sale	9 Aug 26	9¾ Aug 2	9 Aug 26	12¼ Jan 24
204,300	1,632,600	El Paso Natural Gas	3	17⅛	Sale	19	Sale	18⅜	Sale	18⅜ Aug 29	19¼ Aug 16	17⅛ Jan 2	20½ Apr 22
29,100	57,400	Eltra Corp common	25c	--	--	25⅛	Sale	27	Sale	24⅝ Aug 1	27¾ Aug 15	22⅝ Jan 2	27¾ Aug 15
19,700	50,100	$1.40 conv pfd	34.50	--	--	30⅜	Sale	31¾	Sale	30⅜ Aug 1	31⅞ Aug 16	30¼ July 24	31⅞ July 1
59,400	765,000	Emerson Electric Mfg	1	28⅞	Sale	34⅜	Sale	35⅝	Sale	34½ Aug 27	35⅝ Aug 30	27⅜ Jan 3	36½ May 9
40,300	397,700	Emerson Radio & Phono	5	10	Sale	10⅛	Sale	10⅝	Sale	9⅝ Aug 13	10⅝ Aug 30	9 Mar 20	11½ Jan 24
26,200	137,600	Emery Air Freight Corp	20c	38	Sale	42⅜	Sale	40	Sale	38 Aug 28	42½ Aug 1	34⅞ Mar 1	44 July 12
17,600	65,700	Emhart Mfg Co	7.50	--	--	46¼	Sale	50⅝	Sale	46⅛ Aug 1	50¾ Aug 30	46 July 30	57¾ May 14
7,000	90,900	Empire Dist Electric Co	10	42⅝	Sale	47⅜	Sale	47¼	Sale	46¼ Aug 2	48¼ Aug 21	42⅝ Jan 2	51 Mar 6
20,600	286,300	Endicott Johnson com	10	13⅝	14	18	Sale	17½	Sale	17⅜ Aug 29	19½ Aug 2	14 Jan 3	23⅛ May 20
910	11,200	4% preferred	100	63	Sale	68⅞	Sale	71⅞	Sale	68¼ Aug 2	73 Aug 14	63 Jan 2	80¾ Jun 5
13,100	155,900	Englehard Industries	1	20	Sale	27	Sale	26⅛	Sale	25¼ Aug 21	27⅜ Aug 6	19⅝ Jan 3	29½ Jun 3
20,000	185,500	Equitable Gas Co	8.50	38	Sale	40½	Sale	41¾	Sale	40 Aug 7	42 Aug 20	38 Jan 2	45⅜ May 16
80,600	726,300	Erie-Lackawanna RR Co	*	2⅝	Sale	3⅛	Sale	3⅝	Sale	3 Aug 2	3¾ Aug 23	2⅝ Jan 2	4¼ Jan 13
4,840	36,580	5% preferred series A	100	15¼	Sale	16¼	Sale	18⅞	Sale	15¾ Aug 6	19¾ Aug 16	14½ Jan 3	21⅞ Feb 13
20	650	Erie & Pitts RR Co	50	58½	60	63¼	64¼	63⅜	65	64¼ Aug 26	65 Aug 29	58¼ Mar 11	65 Aug 29
30,300	247,300	Eurofund Inc	1	14	Sale	14	Sale	14⅜	Sale	13⅝ Aug 7	15½ Aug 16	13 July 18	16⅛ Jan 25
55,600	442,600	Evans Products Co	5	9½	Sale	15⅛	Sale	15⅞	Sale	15 Aug 2	17⅜ Aug 14	9½ Jan 2	17⅜ Aug 14
393,300	1,360,900	Eversharp Inc	1	25⅜	Sale	44	Sale	49⅛	Sale	42¾ Aug 9	57½ Aug 21	25 Jan 2	57½ Aug 21
37,100	424,500	Ex Cell-O Corp	3	40¼	Sale	40	Sale	40¼	Sale	39¾ Aug 1	42¼ Aug 16	38½ May 6	46⅜ Feb 7
18,200	224,600	Factor (Max) & Co cl A	1	37⅞	Sale	44	Sale	46⅝	Sale	43⅝ Aug 2	47⅜ Aug 21	37⅝ Jan 3	48½ May 2
7,700	38,600	Fafnir Bearing Co	10	--	--	44⅝	Sale	45⅞	46¼	44¼ Aug 19	46¼ Aug 29	43 July 23	49¾ May 1
3,000	37,700	Fairbanks Morse & Co	*	11½	Sale	12¼	Sale	12½	Sale	12 Aug 7	12¾ Aug 30	11¼ May 29	16¼ Jan 14
		Fairbanks Whitney Corp—											
138,100	1,887,600	Common	1	4½	Sale	5⅜	Sale	5½	Sale	4¾ Aug 15	5½ Aug 30	4¼ Apr 16	6⅛ Jan 11
4,800	53,400	$1.60 conv preferred	40	16½	16¾	16¾	Sale	17	Sale	16¼ Aug 19	17¼ Aug 27	15 May 1	18⅝ Jan 10
		Fairchild Camera &											
162,900	1,453,800	Instrument Corp	1	45½	Sale	35	Sale	41⅛	Sale	34⅛ Aug 2	41⅛ Aug 23	32⅝ Apr 19	50½ Jan 14
59,200	663,300	Fairchild Stratos	1	7¼	Sale	5⅞	Sale	5¾	Sale	5¼ Aug 26	5⅞ Aug 1	5¼ Aug 26	8¾ Feb 6
22,200	213,700	Fairmont Foods common	50c	23¼	Sale	27½	Sale	26⅞	Sale	26¼ Aug 19	27½ Aug 1	22⅝ Jan 2	27½ Jun 24
250	1,700	5% junior preferred	50	51	Sale	50⅛	51	50⅛	50⅞	50¼ Aug 28	51½ Aug 19	50¼ Mar 5	51½ Jan 8
12,400	133,600	Falstaff Brewing Corp	1	30½	Sale	34	Sale	33½	Sale	33⅛ Aug 8	34⅞ Aug 5	30¼ Jan 3	39½ Jun 11
57,500	292,400	Family Finance Corp	1	27	Sale	31⅛	Sale	32⅜	Sale	31⅛ Aug 1	33¼ Aug 19	26⅞ Jan 8	34 Apr 30
65,800	544,600	Fansteel Metallurgical	5	17¾	Sale	17⅛	Sale	17⅛	Sale	17⅛ Aug 1	21½ Aug 20	16⅛ July 15	23¾ Feb 19
5,200	74,900	Fawick Corp	2	8¼	Sale	9⅛	Sale	9	Sale	8¾ Aug 16	9¼ Aug 1	8⅛ Jan 2	9⅝ May 16
38,800	261,500	Fedders Corp	1	15¾	Sale	17	Sale	15¾	Sale	15⅝ Aug 29	17 Aug 1	15⅝ Aug 29	19⅝ May 17
18,000	235,000	Fed-Mogul-Bower Bear	5	38½	39	44	Sale	45¼	Sale	44 Aug 1	45⅞ Aug 9	37½ Mar 12	47½ Jun 5
62,400	475,200	Federal Pacific Elec com	1	7⅛	Sale	7	Sale	7⅝	Sale	6⅞ Aug 8	8⅛ Aug 28	6½ Apr 5	9¼ May 8
8,000	47,100	5½% conv 2nd pfd A	23	17	Sale	17⅝	Sale	17	Sale	16¾ Aug 9	17⅝ Aug 1	16½ Jan 2	19¼ May 8
47,400	231,600	Federal Paper Board com	5	38⅜	Sale	31⅝	Sale	33	Sale	30⅛ Aug 2	33¾ Aug 30	30⅛ Aug 2	42 Mar 21
14,000	27,400	4.60% preferred	25	23⅜	23½	24	24⅝	23¾	24¼	23¾ Aug 28	24¼ Aug 19	23⅜ Jan 3	24¾ May 22
62,200	688,400	Federated Dept Stores	1.25	43⅛	Sale	48	Sale	52¾	Sale	47¾ Aug 1	54 Aug 28	42½ Jan 2	54 Aug 28
7,100	166,700	Fenestra Inc	10	15⅛	15½	14½	Sale	14⅝	Sale	14¼ Aug 12	15 Aug 6	13⅜ Apr 23	18⅞ Jun 7
18,800	145,400	Ferro Corp	1	35¾	Sale	40⅝	Sale	41⅞	Sale	40¼ Aug 2	43⅜ Aug 23	35¾ Jan 2	43¾ Jun 5
39,200	247,800	Fibreboard Paper Products	*	24	Sale	26⅛	Sale	29	Sale	25⅞ Aug 9	29 Aug 29	23⅛ Mar 20	29¾ May 3
45,400	550,500	Fifth Ave Coach Lines	10	26¼	Sale	34	Sale	33⅝	Sale	32⅝ Aug 5	34⅞ Aug 22	26 Jan 2	35⅝ Feb 18
30,200	454,400	Filtrol Corp	1	27¾	Sale	32½	Sale	33¼	Sale	31⅜ Aug 28	34 Aug 12	27⅝ Jan 2	36¼ Apr 2
118,700	‡412,200	Financial Federation Inc	1	--	--	53¼	Sale	57⅞	Sale	50¾ Aug 9	58 Aug 28	‡50¾ Aug 9	66 Apr 15
134,400	1,032,800	Firestone Tire & Rubber	*	34⅝	Sale	32½	Sale	35¾	Sale	32½ Aug 1	36¼ Aug 27	32 July 23	37¾ Jan 29
200,300	1,469,800	First Charter Financial	*	32	Sale	38⅞	Sale	44¾	Sale	38⅜ Aug 1	45¼ Aug 28	31¼ Jan 24	45¼ Aug 28
26,600	206,800	First National Stores	*	50⅜	Sale	54½	Sale	57½	Sale	52¾ Aug 1	58⅜ Aug 29	50¼ Jan 2	60½ Jun 12
40,600	396,200	Fischbach & Moore Inc	1	19	Sale	23½	Sale	23¼	Sale	22½ Aug 21	23⅝ Aug 5	18¾ Jan 2	23⅞ July 11
63,500	646,500	Flintkote Co common	5	18	Sale	20¼	Sale	22⅜	Sale	20¼ Aug 1	22¾ Aug 29	17¾ Jan 2	23⅜ Jun 25
----	640	$4 preferred	*	84	85½	88	90½	88	90	-- ------	-- ------	85½ Jan 23	90 Jun 25
380	4,710	$4.50 conv A 2nd pfd	100	90	Sale	99½	101	98⅛	Sale	98 Aug 20	101 Aug 9	90 Jan 2	101¾ July 5
8,100	30,000	$2.25 conv B 2nd pfd	*	40	41½	45	Sale	46	46½	45 Aug 1	46 Aug 29	41½ Jan 3	46¼ May 13
49,900	308,800	Florida East Coast Ry Co	25	5¼	5½	6½	Sale	7⅞	Sale	6⅜ Aug 6	7⅞ Aug 29	5 Jan 23	7⅞ Aug 29
26,700	318,900	Florida Power Corp	2.50	43½	Sale	42⅛	Sale	44	Sale	41½ Aug 2	44⅞ Aug 21	40¾ Feb 25	46½ Jan 9
48,900	556,700	Florida Power & Lt Co	*	67	Sale	70⅜	Sale	76¾	Sale	70¼ Aug 2	77 Aug 29	65¾ Jan 2	77 Aug 29
32,500	247,100	Fluor Corp Ltd	2.50	14⅛	Sale	17¼	Sale	18¾	Sale	17⅛ Aug 6	19½ Aug 28	14 Jan 2	20 Jun 10
189,300	1,199,800	FMC Corp	10	36	Sale	42¼	Sale	48	Sale	41 Aug 1	49¾ Aug 21	35¾ Jan 2	49¾ Aug 21
38,700	444,000	Food Fair Stores common	1	21⅛	Sale	22⅜	Sale	23⅜	Sale	21⅝ Aug 7	23⅜ Aug 30	97 Jan 23	25½ Feb 7
100	780	$4.20 pfd ser 1951	15	94½	97	95¾	97½	95¾	97½	95¾ Aug 12	96 Aug 22	95¼ Jan 14	97 Jan 23
67,600	501,400	Food Giants Market com	1	17	Sale	20⅛	Sale	19½	Sale	17¾ Aug 15	20½ Aug 1	16¼ Mar 13	24⅞ July 15
500	7,200	4% conv preferred	10	12⅜	13	15¾	Sale	14½	15	15 Aug 13	15¾ Aug 1	13 Jan 4	18¼ July 15
22,800	194,900	Food Mart Inc	2	11¾	Sale	15⅜	Sale	16⅞	Sale	15 Aug 8	16⅞ Aug 30	11⅝ Jan 2	16⅞ Aug 30
173,200	520,900	Foote Mineral Co	1	10⅞	Sale	9¾	Sale	12½	Sale	9⅝ Aug 5	13½ Aug 23	9¼ May 3	13½ Aug 23
514,800	6,396,400	Ford Motor Co	2.50	45⅜	Sale	50⅝	Sale	54	Sale	49⅝ Aug 1	54 Aug 26	42 Mar 1	56⅜ Jun 7
151,600	1,538,300	Foremost Dairies Inc	2	8⅞	Sale	9⅞	Sale	10⅝	Sale	9¾ Aug 14	10⅞ Aug 29	8½ Jan 2	11⅛ May 20
12,500	169,100	Foster-Wheeler Corp	10	28⅜	Sale	26⅜	Sale	27¼	Sale	25⅞ Aug 8	28 Aug 29	23 Apr 30	31½ Apr 15
19,300	198,400	Foxboro Co	1	30½	Sale	28½	Sale	31	Sale	27½ Aug 1	32 Aug 14	26⅝ Mar 19	37½ Jun 7
13,500	139,400	Fram Corp	50c	30⅝	Sale	33½	Sale	34½	34⅝	31⅝ Aug 23	34⅞ Aug 1	30⅛ Feb 28	38½ May 27
5,300	52,500	Franklin Stores Corp	1	9	Sale	7¾	8	7⅝	Sale	7⅝ Aug 6	8⅛ Aug 8	7⅝ Aug 6	9⅞ Jan 24
110,300	678,200	Freeport Sulphur Co	10	22⅜	Sale	24¼	Sale	25	Sale	24⅛ Aug 1	25⅜ Aug 9	22⅜ Jan 2	28⅛ Apr 26
117,300	747,700	Friden Inc	33⅓c	29⅛	Sale	39¼	Sale	43⅞	Sale	39⅛ Aug 1	44 Aug 29	26⅝ Mar 19	44 Aug 29
208,400	2,500,700	Fruehauf Corp common	1	24¾	Sale	28¼	Sale	30¾	Sale	27¾ Aug 8	31¼ Aug 23	24¾ Jan 2	33⅜ Jun 6
2,150	5,640	4% preferred	100	84	85	87½	88	88	89¼	86¾ Aug 15	89¼ Aug 26	84 Jan 15	89¼ Aug 26
13,000	180,100	Gamble-Skogmo Inc	5	43½	Sale	33⅛	Sale	33¾	Sale	32¼ Aug 5	34¾ Aug 26	31¼ May 28	43⅝ Jan 2
30,200	‡300,100	Gardner-Denver Co	5	--	--	36	Sale	36½	Sale	35 Aug 19	37 Aug 6	‡31⅛ Mar 14	39½ Jun 13
26,700	197,800	Garrett Corp (The)	2	42¾	Sale	42¼	Sale	44⅜	Sale	41⅝ Aug 12	44¾ Aug 26	40¼ Mar 20	47⅛ May 6
34,500	451,900	Gar Wood Industries com	1	3	3⅛	4	Sale	4⅜	Sale	4 Aug 1	5⅛ Aug 26	3¼ Jan 4	6⅝ Mar 28
900	12,900	4½% conv preferred	50	19	Sale	26½	28	28½	Sale	27 Aug 22	30¼ Aug 26	19 Jan 2	33½ Mar 27
23,000	122,400	General Acceptance Corp	1	20¼	Sale	19⅝	Sale	20	Sale	19½ Aug 1	20¼ Aug 29	19¼ July 10	22¼ Apr 15
5,000	51,400	60c conv preferred	*	12⅜	Sale	11¾	12¼	12	Sale	11⅝ Aug 14	12¼ Aug 6	11¼ July 23	13¼ Mar 21

For footnotes, see page 29.

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Aggregate Sales in August Shares	Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
8.800	100,600	Gen American Investors	1	28¾	Sale	28¾ 29		29¼	Sale	28⅞ Aug 2	29½ Aug 15	26⅜ Mar 8	30⅞ Jan 14
120	2,810	$4.50 preferred	100	95	97	99 100		98½	100	99 Aug 7	100 Aug 6	97 Jan 9	100 July 8
59.400	636,200	Gen Amer Oil of Texas	5	37¼	Sale	32½	Sale	35⅜	Sale	32⅛ Aug 1	35¾ Aug 30	31½ July 25	40⅛ Jan 4
20.000	223,200	Gen Amer Transp Corp	1.25	70	Sale	77½	Sale	79½	Sale	77½ Aug 1	80 Aug 21	67½ Jan 28	81½ Jun 7
49.600	578,800	Gen Baking Co com	5	7¾	Sale	8⅞	Sale	10	Sale	8⅞ Aug 1	10¼ Aug 23	7⅝ Jan 2	10¼ Aug 23
6.510	18,950	$8 preferred	*	91¼	Sale	119½	Sale	121	Sale	118 Aug 30	130 Aug 13	91⅛ Jan 3	130 Aug 13
11.000	134,700	General Bancshares Corp	2	9	Sale	8¾	Sale	8¾	8⅞	8⅝ Aug 1	9 Aug 7	8⅜ Apr 8	9⅜ Jan 24
31.100	100,300	General Bronze Corp	5	13¾	14	17¾	Sale	17¾	Sale	14¾ Aug 22	18¼ Aug 1	13⅞ July 19	18¼ Aug 1
61.200	443,400	General Cable Corp com	*	36½	Sale	52⅜	Sale	57⅝	Sale	52 Aug 1	58½ Aug 28	36½ Jan 2	58½ Aug 28
840	3,700	4% 1st preferred	100	83½	84¼	87¼	Sale	92	94	87¼ Aug 1	92 Aug 28	83¾ Jan 15	92 Aug 28
15.800	186,000	General Cigar Inc	1	30¼	Sale	29½	Sale	32⅛	Sale	29¼ Aug 2	32½ Aug 26	29¼ Jan 4	34 Apr 29
49.100	238,500	Gen Contract Fin Corp	2	5	5⅛	4⅞	Sale	5	Sale	4⅞ Aug 1	5¼ Aug 6	4½ May 24	5⅞ Jun 5
274.200	2,024,700	Gen Dynamics Corp	1	28⅝	Sale	25½	Sale	26⅞	Sale	23½ Aug 16	27¼ Aug 30	23⅛ Jun 27	29⅝ Feb 7
205.800	2,314,300	General Electric Co	5	76⅜	Sale	77⅞	Sale	81½	Sale	77⅞ Aug 1	82⅛ Aug 15	71¾ Mar 6	84⅜ Jun 3
9.400	55,100	General Finance Corp	1	40	Sale	49	Sale	43⅞	Sale	43 Aug 13	49 Aug 1	39¼ Jan 25	49¾ July 31
----	----	When issued	1	--	--	23½	24¼	21⅞	22⅜	-- ------	-- ------	‡-- ------	-- ------
93.800	783,100	General Foods Corp	*	77⅞	Sale	81⅝	Sale	86⅜	Sale	81¼ Aug 1	86⅞ Aug 29	77⅝ Mar 4	86⅞ Aug 29
65.100	721,200	General Instrument Corp	1	11⅜	Sale	12¼	Sale	14	Sale	12 Aug 8	14⅝ Aug 15	11 Apr 18	15¼ Jun 10
132,400	841,200	General Mills com	3	31⅝	Sale	34⅞	Sale	37⅞	Sale	34½ Aug 2	39 Aug 26	31⅜ Jan 2	39 Aug 26
740	10,070	5% preferred	100	114	115	115	115¾	115½	Sale	115⅛ Aug 8	116½ Aug 29	113 Apr 16	116½ Feb 1
658.300	6,492,500	Gen Motors Corp com	1⅔	58	Sale	71	Sale	75½	Sale	70⅜ Aug 1	75½ Aug 30	57⅞ Jan 2	75½ Aug 30
6.100	74,000	$5 preferred	*	114	Sale	115	Sale	115¾	Sale	115 Aug 1	115¾ Aug 6	114 Jan 2	118¾ Jun 5
4.500	60,200	$3.75 preferred	*	87¼	Sale	90	Sale	89¾	Sale	89 Aug 22	90⅞ Aug 5	87 Jan 3	95½ Mar 1
16.900	166,300	General Outdoor Advert'g	15	37	Sale	37⅜	Sale	36⅞	Sale	35¼ Aug 20	37⅝ Aug 2	32 May 7	40⅜ Jan 15
67.500	880,100	Gen Portland Cement	1	17½	Sale	20½	Sale	22⅝	Sale	20⅜ Aug 1	23¼ Aug 23	17½ Jan 2	23¼ Aug 23
271.200	962,800	Gen Precision Equip com	1	34¼	Sale	35¼	Sale	33¾	Sale	27½ Aug 20	35⅜ Aug 1	27½ Aug 20	43⅝ May 31
1.050	6,150	$1.60 conv preferred	*	38	40	38⅝	Sale	37	39	36⅛ Aug 23	38⅞ Aug 2	36⅛ Aug 23	39½ May 1
76.000	663,800	General Public Service	10c	5⅝	Sale	5¾	Sale	5¾	Sale	5⅝ Aug 2	5⅞ Aug 6	5½ Jan 3	6 Jun 6
85.800	653,900	Gen Public Utilities	2.50	32⅛	Sale	32⅝	Sale	33⅞	Sale	32 Aug 5	34 Aug 28	31¾ Jan 4	34⅞ Feb 14
30.100	374,800	General Refractories	5	114	Sale	14⅝	Sale	14¾	Sale	14⅛ Aug 7	15 Aug 15	11¼ Jan 2	16¾ Jun 24
14.600	441,800	General Signal Corp	6.67	26⅞	Sale	28¼	Sale	29	Sale	27⅜ Aug 22	30 Aug 16	26⅞ Jan 2	34 Jun 6
112.000	‡742,300	General Steel Industries	1	--	--	22⅝	Sale	22⅝	Sale	21¼ Aug 7	23⅝ Aug 26	‡21⅛ Mar 1	31½ Jun 3
2.200	18,500	General Tel Co of Florida— $1.30 pfd series B	25	26¾	27	27½	Sale	27⅛	27⅜	27⅛ Aug 2	27¾ Aug 12	26½ Jan 22	28⅛ Jun 7
1.900	14,500	$1.25 preferred	25	27¼	28	26⅝	Sale	27	Sale	26⅝ Aug 1	27¼ Aug 6	26⅜ July 2	27½ Jan 8
486.500	3,861,900	General Telephone & Electronics Corp	3.33⅓	22⅞	Sale	25⅝	Sale	28⅛	Sale	25⅝ Aug 1	28⅛ Aug 30	22⅞ Jan 2	28⅛ Aug 30
48.600	811,500	General Time Corp	2.50	10⅜	Sale	11¼	Sale	11¾	Sale	11 Aug 23	12 Aug 6	9⅝ Mar 19	13½ Jun 18
270.700	2,357,100	General Tire & Rubber Co— Common	30c	21	Sale	23¼	Sale	25⅜	Sale	22⅞ Aug 9	25⅜ Aug 30	20⅝ Jan 3	27⅞ May 1
280	6,010	$5 preference	100	101¼	Sale	102⅜	103	101½	Sale	101½ Aug 30	103 Aug 5	100 Apr 16	103⅛ July 18
370	5,180	5½% preference	100	103	Sale	104	105½	104½	105½	104½ Aug 12	106 Aug 20	101¼ Jan 4	107 Feb 21
31.800	378,500	Genesco Inc common	1	35¾	Sale	36¼	Sale	35¾	Sale	35 Aug 16	36⅜ Aug 1	35 Jan 14	38⅜ Apr 8
7.600	49,100	$4.50 conv preferred	*	--	--	101¾	102	100¾	Sale	100 Aug 16	102¼ Aug 6	100 Aug 16	104¾ July 5
103.400	918,000	Georgia-Pacific Corp	80c	47⅜	Sale	50	Sale	53½	Sale	49⅝ Aug 8	53½ Aug 30	43½ Mar 6	53½ Aug 30
15.000	123,000	Gerber Products	5	55	Sale	65½	Sale	68	Sale	65½ Aug 1	69¾ Aug 14	52 Jan 10	69¾ Aug 14
160.300	1,695,700	Getty Oil Co	4	18⅛	Sale	24⅜	Sale	25	Sale	23¼ Aug 2	25⅝ Aug 12	17½ Jan 10	26¼ July 15
32.900	241,300	Giant Portland Cement Co	1	14¾	Sale	13⅝	Sale	12⅝	Sale	12⅝ Aug 30	13¾ Aug 2	12⅝ Aug 30	16⅞ Jan 25
49.900	218,300	Gibraltar Financial	1	28⅞	Sale	25¾	Sale	29⅞	Sale	24 Aug 20	30⅛ Aug 29	24 Aug 20	36¾ Apr 15
3.800	30,900	Gibson Greeting Cards Inc	5	33½	Sale	34½	Sale	34½	Sale	34 Aug 14	35 Aug 2	33 July 2	36¾ May 15
794.300	4,379,100	Gillette (The) Co	1	30¾	Sale	34	Sale	38⅞	Sale	33⅞ Aug 1	40⅞ Aug 26	28 Jan 11	40⅞ Aug 26
33.600	302,400	Gimbel Brothers	5	33¼	Sale	37⅜	Sale	39	Sale	36¼ Aug 6	41 Aug 22	33 Jan 3	41½ Apr 9
34.900	292,500	Ginn & Co	1	23½	Sale	28	Sale	28⅞	Sale	27¾ Aug 1	29⅝ Aug 20	23½ Jan 2	30 May 15
104.800	1,726,300	Glen Alden Corp	1	10	Sale	14¾	Sale	15½	Sale	14⅛ Aug 13	15¾ Aug 29	9⅝ Jan 2	16½ July 12
18.600	155,100	Glidden Co	10	36¼	Sale	42¼	Sale	43½	Sale	41¾ Aug 1	44⅝ Aug 23	36⅛ Jan 2	44⅝ Aug 19
5.400	68,800	Globe-Union Inc	5	20	Sale	17¾	Sale	17⅛	Sale	17 Aug 14	18 Aug 26	17 Aug 14	25 Feb 18
10.600	98,000	Globe-Wernicke Inc	5	12¾	Sale	11⅝	Sale	11¼	Sale	11 Aug 22	11⅝ Aug 1	11 Aug 22	13½ Jan 9
169.700	1,364,800	Goodrich (B F) Co	10	42⅝	Sale	48⅜	Sale	53⅞	Sale	47¾ Aug 1	54⅞ Aug 27	42½ Jan 2	54⅞ Aug 27
368.600	1,840,700	Goodyear Tire & Rubber	*	33½	Sale	34⅞	Sale	37⅝	Sale	34⅝ Aug 1	38⅞ Aug 27	31⅝ Mar 1	38⅞ Aug 27
12.800	116,300	Gould-Natl Batteries Inc	4	36¾	Sale	39	Sale	38⅝	Sale	35⅞ Aug 21	39½ Aug 28	35¼ Mar 19	42½ Feb 11
137.200	1,297,200	Grace (W R) & Co	1	40¼	Sale	43½	Sale	47⅛	Sale	43½ Aug 1	47¾ Aug 30	37⅝ Feb 28	49⅜ Jun 3
4.700	60,700	Granby Consolidated Mining Smelting & Power Ltd	5	17¾	18	16¼	Sale	16⅜	Sale	16¼ Aug 1	17 Aug 21	16⅛ July 29	21⅞ Apr 25
55.700	563,600	Grand Union Co	5	15⅝	Sale	17½	Sale	17⅞	Sale	17⅛ Aug 2	18⅜ Aug 14	15½ Jan 2	19¾ Apr 16
108.700	885,100	Granite City Steel	6.25	27⅜	Sale	26¼	Sale	28⅝	Sale	26¼ Aug 1	29⅛ Aug 16	26 July 26	33¼ Apr 22
36.200	247,600	Graniteville Co	5	12⅝	Sale	15¾	Sale	16⅛	Sale	15⅜ Aug 6	16⅝ Aug 12	12⅝ Jan 2	16⅝ Aug 12
48.800	396,800	Grant (W T) Co com	2.50	20⅛	Sale	23⅜	Sale	25¾	Sale	23 Aug 2	26¼ Aug 21	20⅛ Jan 2	26⅞ May 9
1.460	5,020	3¾% preferred	100	81¾	Sale	83½	84½	84⅝	85	83 Aug 16	85 Aug 29	81¼ Jan 8	86½ Jun 27
21.200	396,000	¶Grayson-Robinson Stores	1	3⅛	Sale	2⅞	Sale	3⅛	Sale	2⅝ Aug 22	3⅛ Aug 27	2⅛ Jan 4	4½ Jan 11
60.300	958,200	Great Atlantic & Pac Tea	1	39½	Sale	44⅞	Sale	46⅜	Sale	44 Aug 9	46¾ Aug 28	39⅜ Jan 2	49⅞ Apr 4
35.000	246,800	Great North Iron Ore Prop	*	14¼	Sale	16½	Sale	18⅝	Sale	16½ Aug 1	19⅛ Aug 28	14⅛ Jan 2	19⅛ Aug 28
28.500	198,900	Great Northern Paper Co	25	35½	Sale	42¾	Sale	48¼	Sale	42¼ Aug 5	48¾ Aug 28	35 Jan 2	48⅝ Aug 29
54.400	702,400	Great Northern Ry	*	43⅝	Sale	51¾	Sale	53¾	Sale	51⅛ Aug 2	54⅛ Aug 15	43⅝ Jan 2	55 July 2
295.00	1,740,000	Great Western Financial	1	18	Sale	18⅛	Sale	20⅞	Sale	18 Aug 1	21⅝ Aug 29	16⅞ Jan 24	24½ Apr 15
34.000	465,600	Great Western Sugar com	*	33⅞	Sale	43½	Sale	43⅜	Sale	40¾ Aug 2	43¾ Aug 7	33⅞ Jan 2	51¼ May 21
490	7,970	7% preferred	100	144¼	145½	150¼	152	153	Sale	150¼ Aug 7	153 Aug 30	143 Jan 4	154 Feb 8
13.800	124,500	Green Shoe Mfg Co	3	29¼	Sale	25¾	Sale	26¾	Sale	25⅛ Aug 2	27¾ Aug 14	25⅛ Aug 2	30⅜ Mar 18
123.600	910,700	Greyhound Corp common	3	31⅝	Sale	39¾	Sale	45	Sale	39½ Aug 1	45⅝ Aug 16	31½ Jan 2	45⅝ Aug 16
2.400	63,200	4½% conv pref	50	62	Sale	79	80⅝	88½	Sale	80⅝ Aug 6	88¾ Aug 20	61½ Jan 3	88¾ Aug 20
106.200	991,700	Grumman Aircraft Eng Corp	1	44¾	Sale	44⅜	Sale	47⅝	Sale	42⅝ Aug 14	47¾ Aug 29	41½ Jan 24	52½ May 13
55.300	374,100	Gulf Mobile & Ohio RR	*	30⅜	Sale	38¾	Sale	44⅜	Sale	38⅜ Aug 1	44½ Aug 30	30⅛ Jan 2	44½ Aug 26
1.300	9,000	$5 preferred	*	82	Sale	90	Sale	91¾	Sale	89½ Aug 1	92 Aug 16	82 Jan 2	92 Feb 8
419,100	3,484,800	Gulf Oil Corp	8.33⅓	39⅞	Sale	48	Sale	49⅜	Sale	47⅝ Aug 2	50¼ Aug 29	38⅛ Jan 4	50¼ Aug 29
55.400	745,600	Gulf States Utilities com	*	34¼	Sale	36½	Sale	38⅞	Sale	35¾ Aug 1	38⅞ Aug 30	34 Jan 2	39¾ Mar 28
30	2,010	$4.20 preferred	100	93½	95½	95¾	Sale	97	98½	95¾ Aug 1	97½ Aug 13	95 Jan 18	97¾ Jun 28
910	7,210	$4.40 preferred	100	95¼	96¼	98¼	Sale	98½	99½	98 Aug 13	100 Aug 9	95 Apr 17	100¼ Feb 28
----	1,010	$4.44 preferred	100	97½	100	102	103	100½	103	-- ------	-- ------	99¾ Feb 6	101¾ July 23
----	1,000	$5 preferred	100	107	108	107	108	106¼	108	-- ------	-- ------	106 Feb 15	108½ Jan 30
30	2,030	$5.08 preferred	100	106½	108	108	109½	108	109½	108 Aug 20	109 Aug 19	106 Feb 20	110½ Jun 18
29.200	223,200	Gustin-Bacon Mfg Co	2.50	20⅝	Sale	17½	Sale	19½	Sale	16½ Aug 6	19½ Aug 30	16½ Aug 6	22½ Jan 7
2.900	24,100	Hackensack Water	12.50	37	Sale	37½	38⅜	38½	39⅜	37½ Aug 14	39¼ Aug 28	36 Jan 7	40 Jan 22
8.000	51,300	Hall (W. F.) Printing	5	29½	Sale	31½	Sale	32¾	Sale	31½ Aug 1	33 Aug 19	29 Apr 29	33 Aug 19
75.300	474,200	Halliburton Co	5	51¾	Sale	49⅝	Sale	54⅜	Sale	49⅝ Aug 1	54¾ Aug 30	48½ Feb 12	54¾ Aug 30
52.600	608,000	Hallicrafters Co	1	12½	Sale	11	Sale	11⅝	Sale	10¾ Aug 12	12 Aug 30	10¾ Aug 12	15⅛ May 27
3.800	40,300	Hamilton Watch common	1	25⅜	Sale	23¼	24	25¾	Sale	23¼ Aug 1	27 Aug 30	22⅜ Feb 6	27½ Apr 10
280	1,670	4% conv preferred	100	95	99¾	95	100	104	106	95 Aug 5	108½ Aug 23	93 Feb 4	108½ Aug 23
14.000	94,000	Hammermill Paper Co	2.50	29½	Sale	32¾	Sale	32⅞	Sale	31 Aug 20	33 Aug 29	29¼ Jan 2	33⅞ Apr 9
45.700	423,800	Hammond Organ Co	1	22⅜	Sale	25	Sale	27⅛	Sale	24⅛ Aug 22	27⅛ Aug 30	21⅛ Feb 6	27½ Aug 30
169.800	1,198,200	Hanna (M A) Co	2.50	26⅝	Sale	32	Sale	36¾	Sale	31⅜ Aug 1	36¾ Aug 30	26¼ Jan 3	36¾ Aug 30
25.500	395,700	Harbison Walker Refrac— Common	7.50	32¼	Sale	34¾	Sale	34	Sale	33½ Aug 21	35⅛ Aug 12	31⅝ Jan 7	38 May 3
50	980	6% preferred	100	127½	128	130¾	132	130¾	132½	130¾ Aug 7	131 Aug 12	126 Jan 22	142½ July 15
22.100	222,700	Harcourt Brace & World Inc	1	28	Sale	33	Sale	34⅝	Sale	32¾ Aug 1	34¾ Aug 23	28 Jan 2	35 May 10
29.100	261,900	Harris-Intertype Corp	1	52¼	Sale	51¾	Sale	54⅝	Sale	50⅝ Aug 14	54⅝ Aug 30	43½ May 2	54⅝ Aug 30
32.500	333,700	Harsco Corp	1.25	32⅜	Sale	31⅛	Sale	31⅜	Sale	30¾ Aug 2	33¼ Aug 15	30⅜ July 26	35⅜ Jun 6
13.300	126,400	Harshaw Chemical Co	5	19	Sale	19¾	Sale	20⅜	Sale	19½ Aug 1	20⅞ Aug 19	18½ May 9	21⅝ Jan 9
5.500	‡63.700	Hart Schaffner & Marx	5	--	--	38¼	Sale	39	39½	37¾ Aug 21	39⅜ Aug 5	‡32⅜ Mar 20	40 July 15
31.400	429,600	Harvey Aluminum Inc	1	17¾	Sale	20⅛	Sale	21⅛	Sale	19⅞ Aug 1	21⅜ Aug 15	17¾ Jan 2	23½ May 6
4.900	74,000	Hat Corp of America com	1	8	Sale	7⅜	Sale	7⅞	Sale	7¼ Aug 1	7⅞ Aug 30	7⅛ July 29	9 Feb 11
100	2,320	5% preferred	50	39¾	41	41¼	42	41¼	42	41¾ Aug 19	41¾ Aug 19	40½ Jan 16	44¼ Jun 3
184.600	‡935,900	Haveg Industries	40c	19⅞	Sale	36⅜	Sale	42⅝	Sale	36⅜ Aug 1	44½ Aug 23	19¾ Jan 2	44¼ Aug 23
28.600	142,200	Hawaiian Telephone Co	5	--	--	22⅝	Sale	22⅜	Sale	21⅞ Aug 23	23¼ Aug 12	21⅞ Aug 23	25¼ May 3
28.000	245.900	Hayes Industries Inc	5	28¼	Sale	26⅛	Sale	27⅜	Sale	25⅜ Aug 5	28 Aug 12	‡24¼ July 22	29⅞ May 20
52.600	404,200	Hazeltine Corp	*	20	Sale	19½	Sale	19⅝	Sale	18½ Aug 1	20 Aug 15	18½ Aug 1	25⅝ Feb 20
56.200	334,500	Heinz (H J) Co com	8.33⅓	46⅜	Sale	43¾	Sale	47¾	Sale	43¾ Aug 1	48⅛ Aug 27	39 Apr 2	49¾ Jan 16
510	2,010	3.65% preferred	100	85½	87	88	Sale	88	89½	87 Aug 13	89 Aug 28	85⅝ Feb 19	89¼ Jun 10
45.100	349,900	Helene Curtis Indus cl A	1	26⅝	Sale	23¾	Sale	25¾	Sale	23¼ Aug 8	26⅜ Aug 26	20⅝ July 12	30¾ Jan 8
75.000	583,800	Heller (W. E.) & Co	25c	17⅞	Sale	13⅞	Sale	14⅜	Sale	13¾ Aug 1	15⅛ Aug 19	13⅜ July 1	18⅞ Jan 24
5.500	37,800	Helme (G W) Co common	10	35¼	36	36⅝	37	39	Sale	36½ Aug 2	39½ Aug 22	35 Jan 8	41½ May 22
780	5,790	7% non-cum preferred	25	37¼	38	38½	Sale	38½	39	38½ Aug 1	39½ Aug 22	37 Apr 5	39½ Aug 22
46.900	164,500	Helmerich & Payne	10c	--	--	9⅝	Sale	9¼	Sale	8⅞ Aug 9	10⅜ Aug 16	¶8⅝ Aug 12	13⅛ Feb 28

For footnotes, see page 29.

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Aggregate Sales in August Shares	Aggregate Sales Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
		Hercules Powder Co—											
129,600	1,203,400	Common	1 1/24	41½	Sale	35¼	Sale	36½	Sale	35 Aug 5	36¾ Aug 13	34⅛ July 23	43½ Jan 16
90	2,230	5% preferred	100	115	117	115	Sale	115½	116	115 Aug 1	115½ Aug 20	115 Mar 1	118 Mar 11
1,000	5,050	$2 conv class A pfd	*	67	70	62	Sale	59	60	59 Aug 2	62 Aug 1	59 Aug 2	69 Jan 11
34,400	314,300	Hershey Chocolate	*	32⅝	Sale	34½	Sale	34⅞	Sale	34⅛ Aug 27	36¼ Aug 16	31⅛ Mar 26	37 Apr 4
81,600	537,100	Hertz Co (The)	1	44⅝	Sale	46½	Sale	45¾	Sale	44⅛ Aug 30	49¼ Aug 14	41¾ Feb 12	54¾ Jun 7
32,600	566,100	Hess Oil & Chemical	50c	13¾	Sale	15⅞	Sale	15½	Sale	15¼ Aug 22	16⅛ Aug 13	13⅛ Feb 20	17¼ May 3
40,800	477,200	Heublein Inc	1	16⅞	Sale	19¼	Sale	20	Sale	18¼ Aug 8	20¾ Aug 26	16¾ Jan 2	22¼ May 16
7,700	84,400	Hewitt-Robins Inc	5	19¾	Sale	22¼	Sale	22½	Sale	22¼ Aug 1	23 Aug 21	19⅝ Jan 3	24⅜ Feb 1
106,100	733,600	Hewlett-Packard Co	1	24¼	Sale	21¾	Sale	20½	Sale	19¼ Aug 15	21¾ Aug 1	18½ Apr 9	27¼ Jan 14
		Heyden Newport Chemical—											
88,300	770,100	Common	1	15	Sale	21⅛	Sale	21¾	Sale	21⅛ Aug 1	22 Aug 20	14⅞ Jan 2	22 Aug 20
1,870	6,380	3½% preferred ser A	100	74	75	97½	Sale	99	Sale	96½ Aug 13	100 Aug 20	74 Jan 4	100 Aug 20
423,900	1,333,800	High Voltage Engineering	1	—	—	33⅜	Sale	41⅞	Sale	33¼ Aug 1	41⅞ Aug 30	25¼ Apr 17	41⅞ Aug 30
152,300	524,500	Hilton Hotels Corp	2.50	27⅞	Sale	22	Sale	19	Sale	18½ Aug 2	22¼ Aug 1	18½ Aug 2	28⅞ Jan 25
23,900	210,500	Hoffman Electronics Cp	50c	9½	Sale	7⅝	Sale	8⅜	Sale	7¼ Aug 5	8⅜ Aug 30	7¼ July 26	10⅜ Jan 4
6,900	80,700	Holland Furnace	5	3¾	Sale	4	4⅛	4⅜	Sale	3⅞ Aug 6	4⅜ Aug 28	3¾ Jan 2	5⅛ Apr 26
36,400	544,500	Holly Sugar Corp	10	30	Sale	43¾	Sale	44¾	Sale	40⅝ Aug 15	45 Aug 27	30 Jan 2	51½ May 21
19,800	240,400	Holt Rinehart & Winston	1	29¾	Sale	31	Sale	30⅞	Sale	29¼ Aug 28	31¼ Aug 1	27⅜ Mar 19	34¼ Jun 14
51,800	385,900	Homestake Mining	12.50	43¼	Sale	51½	Sale	52	Sale	50⅜ Aug 26	53¾ Aug 8	43¼ Jan 2	53¾ Aug 8
65,200	605,100	Hooker Chemical Corp com	5	35	Sale	36¼	Sale	39	Sale	35¾ Aug 19	39⅜ Aug 29	32½ May 6	39⅞ July 12
100	3,470	$4.25 preferred	*	93	93¾	94½	95½	95	96	94½ Aug 6	94½ Aug 6	93 Jan 3	99 May 9
530	3,110	$5 2nd preferred ser C	*	101½	Sale	103¼	Sale	103½	Sale	103¼ Aug 1	104½ Aug 27	101½ Jan 2	106½ May 9
		Hoover Ball & Bearing Co—											
24,500	‡25,600	When issued	2.50	—	—	21½	Sale	23⅞	Sale	21⅜ Aug 1	24¾ Aug 16	‡21 July 24	24¾ Aug 16
10,800	139,300	Hotel Corp of America	1	2¾	2⅞	2⅝	Sale	2⅝	Sale	2⅝ Aug 1	2¾ Aug 2	2¾ Jan 21	3¼ Feb 15
500	7,400	5% conv preferred	25	15¼	Sale	15⅜	15⅞	15⅞	Sale	15⅜ Aug 6	15⅞ Aug 30	15⅛ Jun 21	17 May 31
24,600	248,800	Houdaille Indus Inc com	3	18⅝	Sale	26	Sale	27⅝	Sale	25¼ Aug 15	27¾ Aug 30	18⅝ Jan 2	27¾ Aug 30
1,700	16,900	$2.25 conv preferred	50	40⅜	Sale	44⅛	44¾	45½	Sale	44½ Aug 8	45½ Aug 26	40⅜ Jan 2	46 May 6
32,600	522,200	Household Finance com	*	47¼	Sale	58	Sale	59	Sale	58 Aug 1	61⅜ Aug 20	45½ Jan 9	61⅜ Aug 20
360	4,220	3¾% preferred	100	80½	81¾	82	Sale	81	82	80 Aug 13	83 Aug 1	80 Aug 13	88 Mar 26
130	1,400	4% preferred	100	87½	89	89	Sale	88½	90	88½ Aug 2	90 Aug 12	87½ July 10	92½ Mar 21
160	1,960	4.40% preferred	100	97½	98½	96	Sale	98½	100	96 Aug 1	99½ Aug 27	95 July 18	100 May 9
72,300	‡324,400	Houston Light & Power	*	—	—	43⅜	Sale	46	Sale	42⅝ Aug 8	46 Aug 30	‡42 May 6	47¾ May 23
34,700	216,200	Howard Johnson Co	1	39⅝	Sale	48¼	Sale	51½	Sale	48¼ Aug 1	51⅞ Aug 16	39⅝ Jan 2	51⅞ Aug 16
15,300	71,500	Howard Stores Corp	1	9⅝	Sale	11	11¼	13⅛	Sale	11¼ Aug 5	13½ Aug 22	9⅝ Jan 2	13½ Aug 22
33,900	479,100	Howe Sound Co	1	12⅝	Sale	13	Sale	12⅛	Sale	12⅛ Aug 30	13⅛ Aug 2	11⅛ Jan 2	14 Jun 20
		Hudson Bay Mining &											
7,700	92,600	Smelting Co Ltd	*	47½	Sale	51¾	Sale	51⅛	Sale	50¾ Aug 16	52¾ Aug 9	47⅜ Jan 2	55¼ May 6
		Hunt Foods & Industries—											
80,300	784,300	Common	5	32⅞	Sale	32⅛	Sale	32½	Sale	30 Aug 14	33 Aug 23	28¾ May 3	36½ Jun 7
2,970	13,170	5% preferred ser A	100	98¼	99	103	Sale	102½	104	102 Aug 13	103¼ Aug 1	98¼ Jan 10	103¼ Aug 21
420	3,120	5% preferred ser B	100	98	99½	100	101	101½	102½	101 Aug 2	102¼ Aug 22	98¾ Feb 20	103 Jun 4
194,300	855,300	Hupp Corp common	1	7⅞	Sale	6⅞	Sale	7⅞	Sale	6½ Aug 15	8 Aug 29	6½ Aug 15	8¾ Jan 14
1,000	4,800	5% preferred ser A	50	40¾	41½	43	44¼	44	Sale	43 Aug 9	44 Aug 20	40⅝ Jan 8	45 Jun 14
10,600	84,600	Hussmann Refrigerator	5	16¼	Sale	16¾	Sale	16⅝	Sale	15½ Aug 20	16¾ Aug 1	15½ Aug 20	18 Apr 5
29,200	255,500	Idaho Power Co	5	33	Sale	32⅝	Sale	35⅝	Sale	32⅜ Aug 1	36 Aug 26	32¼ July 31	36½ May 23
34,000	459,200	Ideal Cement Co	5	21⅞	Sale	23¾	Sale	24⅜	Sale	23 Aug 8	24⅜ Aug 30	21 Mar 18	26⅞ May 24
59,600	424,600	Illinois Central Industries	*	—	—	53⅝	Sale	56¾	Sale	53⅜ Aug 2	57⅞ Aug 15	45⅛ Apr 5	59⅜ July 10
13,200	346,200	Illinois Central RR Co	*	39⅜	Sale	50⅜	Sale	55¼	Sale	50⅜ Aug 1	55½ Aug 19	39⅜ Jan 2	57¾ Jun 25
		Illinois Power Co—											
31,900	424,300	Common	15	38¾	Sale	39½	Sale	40¼	Sale	38¾ Aug 9	40½ Aug 5	34½ Mar 6	41⅝ Jun 3
520	9,760	4.08% preferred	50	46	46½	46⅜	46¾	46	46¼	46⅛ Aug 14	46¾ Aug 21	45⅞ Jan 8	48 Feb 21
440	1,790	4.26% preferred	50	48	48½	47¾	48¾	47¾	Sale	47¾ Aug 1	47¾ Aug 1	47 Apr 29	49¼ Jun 25
380	4,480	4.70% preferred	50	51½	52½	51½	52½	51½	52½	50½ Aug 15	52 Aug 6	50½ Aug 15	53 Jan 30
10	870	4.42% preferred	50	49¼	50	49½	50½	49¼	50½	49½ Aug 28	49½ Aug 28	49 May 14	50⅞ Mar 20
100	3,310	4.20% preferred	50	47½	48	48	49¼	47⅝	48¾	48 Aug 14	48 Aug 14	47 Jan 7	49½ Feb 20
46,500	261,700	Indiana General Corp	1	30¼	Sale	28⅛	Sale	28⅛	Sale	24 Aug 12	28¾ Aug 1	24 Aug 12	36¾ Jan 29
15,600	155,400	Indianapolis Power & Lt	*	30	Sale	32⅝	Sale	32⅝	33	31⅞ Aug 26	32⅞ Aug 29	29⅝ Feb 25	33¼ July 12
		Industria Electrica											
5,200	43,600	De Mexico S A	100p	5⅞	6	5¾	Sale	5⅜	5⅝	5⅜ Aug 15	5¾ Aug 1	5⅜ July 5	6¼ Jan 9
47,900	408,500	Ingersoll-Rand common	*	66¼	Sale	79½	Sale	78	Sale	77⅛ Aug 29	80½ Aug 9	65 Jan 2	81¼ Jun 24
169,900	1,048,200	6% preferred	100	153½	160	155	162½	157	Sale	157 Aug 30	159 Aug 20	155 Jan 28	159 Aug 20
20	130	Inland Steel Co	*	37½	Sale	40⅜	Sale	44¾	Sale	39⅞ Aug 2	44¾ Aug 29	36 Mar 1	44¾ Aug 29
27,000	‡164,700	Inspiration Cons Copper	10	—	—	33⅞	Sale	35⅞	Sale	33 Aug 6	37⅝ Aug 26	‡32⅞ Apr 24	38¾ May 23
55,300	251,400	Interchemical Corp com	5	31¼	31½	33⅞	Sale	39½	Sale	33⅞ Aug 1	40¾ Aug 28	30⅝ Feb 4	40¾ Aug 28
1,450	4,990	4½% preferred	100	97¼	97½	99¼	Sale	99⅛	99½	99 Aug 1	99¾ Aug 15	96 Mar 5	99¾ Aug 14
23,400	165,900	Interlake Iron Corp	1	23½	Sale	24⅛	Sale	26	Sale	24 Aug 1	26¼ Aug 23	23½ Jan 2	26¾ Apr 15
186,000	1,699,000	Int'l Business Machines	5	388½	Sale	434½	Sale	444¾	Sale	430½ Aug 1	459½ Aug 14	384¼ Jan 2	478¾ Jun 3
91,600	806,600	Inter Harvester common	*	49¾	Sale	54¾	Sale	57¼	Sale	54¼ Aug 1	58 Aug 29	49½ Jan 2	63⅛ May 20
2,830	162,950	7% preferred	100	157⅛	Sale	162½	Sale	164	Sale	162 Aug 1	165¼ Aug 15	157⅛ Jan 2	175 Jan 17
		International Minerals &											
111,300	507,900	Chemical Corp com	5	41¾	Sale	51½	Sale	61¼	Sale	51¼ Aug 1	61¾ Aug 30	40¼ Jan 3	61¾ Aug 30
100	3,600	4% preferred	100	83	85½	85	87	87	91	87 Aug 5	87 Aug 5	83¾ Jan 15	87 Jun 18
1,500	‡21,300	International Mining	1⅔	—	—	9¼	9⅝	9¼	Sale	9⅛ Aug 8	9½ Aug 9	‡9 Jun 13	11¼ Jan 30
120,000	1,198,300	Internatl Nickel of Canada	*	62⅜	Sale	57¼	Sale	64½	Sale	56⅝ Aug 1	64½ Aug 29	56⅝ Aug 1	68¼ Feb 1
64,700	1,166,800	International Packers Ltd	1	17¾	Sale	15½	Sale	15½	Sale	15½ Aug 1	16⅞ Aug 7	14¾ July 29	20¾ Mar 14
		International Paper—											
215,500	2,242,100	Common	2.50	26⅜	Sale	28½	Sale	31⅜	Sale	28½ Aug 1	31⅝ Aug 30	26⅛ Jan 2	32½ Apr 8
500	8,300	$4 preferred	*	98½	Sale	100	100½	99⅝	100¼	99⅝ Aug 2	100 Aug 2	98 Jan 16	100 Aug 2
7,200	105,300	Intl Pipe & Ceramics Corp	1	28	29	32	Sale	34½	Sale	32 Aug 1	34¾ Aug 27	26¾ Feb 18	35¼ Jun 25
2,200	32,100	5% conv preferred	100	104¼	Sale	112	Sale	111	Sale	106¼ Aug 23	112 Aug 1	104 Jan 4	114¼ July 15
2,100	21,500	Internatl Rys of Cent Am	*	10¾	11⅛	7	Sale	6	6½	6 Aug 27	7 Aug 1	5½ July 19	11 Jan 29
880	28,530	5% preferred	100	49	50	50⅛	Sale	48½	Sale	48½ Aug 27	50¾ Aug 1	48½ Jan 21	64⅞ Jan 25
63,100	444,900	International Rectifier	1	9⅛	Sale	8¼	Sale	8⅝	Sale	8 Aug 9	9 Aug 22	7⅝ May 7	10⅝ Jan 28
25,900	358,100	Int'l Resistance Co	10c	27⅝	Sale	22⅛	Sale	23⅛	Sale	21½ Aug 13	23⅝ Aug 23	20⅛ Apr 22	29⅜ Feb 7
5,300	64,400	International Salt	*	71¾	Sale	82½	Sale	84	Sale	82 Aug 2	85⅞ Aug 20	71 Mar 4	86 Jun 11
35,500	229,300	International Shoe Co	*	25⅛	Sale	24⅜	Sale	25⅞	Sale	24 Aug 1	26¼ Aug 26	24 Aug 1	28¼ Apr 23
		International Silver—											
24,300	198,900	Common	1	34⅝	Sale	35	Sale	38⅛	Sale	35¼ Aug 1	39½ Aug 23	34 July 24	41¾ Jan 25
----	500	7% preferred	25	39⅛	40½	39	40½	39	40½	-- ------	-- ------	39⅛ Jan 18	39½ Jun 7
142,000	1,308,400	International Tel & Tel	*	42½	Sale	49¼	Sale	52⅝	Sale	48¾ Aug 1	52⅞ Aug 30	41¾ Jan 2	52⅞ Aug 30
2,220	16,810	4% conv pfd series B	100	100¼	Sale	107	Sale	108½	Sale	107 Aug 1	109 Aug 30	99½ Jan 3	109 Aug 30
6,660	45,590	4% conv pfd series C	100	—	—	104½	Sale	105¾	Sale	103¾ Aug 9	105¾ Aug 30	101¼ May 22	105¾ Aug 30
		International Utilities—											
15,700	‡39,800	New common	2.50	—	—	21⅞	Sale	22	Sale	20¾ Aug 9	22 Aug 27	‡20 Aug 14	25⅜ Jun 6
4,000	50,500	$2 conv preferred	25	44½	Sale	44¾	Sale	45¾	46¾	44½ Aug 14	46½ Aug 26	44½ Jan 2	52 Jun 3
101,900	623,500	Interstate Dept Stores	1	28⅝	Sale	36¾	Sale	43¾	Sale	36¼ Aug 1	43⅞ Aug 30	28¼ Jan 2	43⅞ Aug 30
		Interstate Motor Freight											
53,200	136,300	System	1	—	—	23	Sale	25⅞	Sale	22¾ Aug 1	26½ Aug 9	22½ July 26	27½ Jun 24
18,400	185,200	Interstate Power Co	3.50	23⅞	Sale	26⅛	Sale	26½	Sale	25⅝ Aug 13	26¾ Aug 29	23⅞ Jan 2	28¼ May 2
16,100	‡42,600	Iowa Elec Lt & Power	2.50	—	—	28⅜	Sale	29⅝	Sale	28¼ Aug 6	29¾ Aug 19	‡27⅝ July 24	31⅞ May 28
16,800	105,100	Iowa-Illinois Gas & Elec	1	49¼	Sale	52½	Sale	54	Sale	52 Aug 6	58⅜ Aug 16	49 Jan 3	55½ Apr 3
13,600	203,800	Iowa Power & Light Co	10	50	Sale	57¼	Sale	57⅞	Sale	56⅜ Aug 15	59½ Aug 29	49⅝ Jan 3	58½ May 21
73,100	386,700	Island Creek Coal com	50c	19¾	Sale	24⅞	Sale	28	Sale	24⅞ Aug 1	30⅛ Aug 22	19¾ Jan 2	30⅛ Aug 22
100	1,340	$6 preferred	1	120	122½	128½	130	129	Sale	129 Aug 12	130½ Aug 20	121 Apr 16	131 July 1
9,800	158,700	I-T-E Circuit Breaker Co	5	14	Sale	14½	Sale	15	Sale	14⅜ Aug 1	15¼ Aug 26	13⅞ Jan 2	17⅞ Apr 23
9,300	94,300	Jaeger Machine Co	5	10⅛	Sale	11½	Sale	12⅜	Sale	11¼ Aug 8	12½ Aug 22	10 Jan 2	13¾ May 6
36,500	221,600	Jefferson Lake Sulphur Co	1	16	Sale	16⅞	Sale	13¾	Sale	13⅛ Aug 19	17¼ Aug 2	13⅛ Aug 19	19¼ Feb 1
		Jersey Central Pwr & Lt—											
310	7,390	4% preferred	100	86	Sale	87½	Sale	87	88¼	86 Aug 5	88 Aug 29	84¼ Jan 7	90 May 15
19,500	165,200	Jewel Tea Inc common	1	50¼	Sale	52⅝	Sale	55⅞	Sale	52½ Aug 1	58½ Aug 26	50⅛ Jan 29	61½ Aug 29
----	330	3¾% preferred	100	86¼	87½	88	90	89	90	-- ------	-- ------	85¼ Feb 5	89¼ Jun 20
78,900	826,200	Johns-Manville Corp	5	43	Sale	46½	Sale	49	Sale	46⅜ Aug 2	49½ Aug 23	42 Jan 2	51½ Jun 6
22,700	151,000	Johnson & Johnson	5	74	Sale	86¾	Sale	95	Sale	86¾ Aug 1	95½ Aug 30	73½ Jan 2	95½ Aug 30
80,100	971,700	Jonathan Logan Inc	50c	15½	Sale	18⅞	Sale	19	Sale	18¼ Aug 8	20½ Aug 19	15⅜ Mar 6	21¼ Jun 24
		Jones & Laughlin											
218,500	1,224,490	Steel Corp common	10	47⅞	Sale	53⅞	Sale	60¾	Sale	53⅛ Aug 1	61½ Aug 29	47½ Jan 2	61¼ Aug 28
1,310	13,200	5% preferred ser A	100	101½	Sale	104⅞	Sale	105	Sale	104¼ Aug 20	105¼ Aug 14	100½ Jan 8	105½ Apr 24
7,700	59,500	Jorgensen (Earle M) Co	1	13⅝	Sale	14	Sale	14¼	Sale	13¾ Aug 1	14¾ Aug 23	13½ Jan 4	15¼ Apr 19
93,600	698,900	Joy Manufacturing Co	1	19⅞	Sale	25¾	Sale	28⅛	Sale	25¾ Aug 1	29½ Aug 23	19⅝ Jan 2	29½ Aug 23

For footnotes, see page 29.

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Aggregate Sales in August Shares	Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
50,800	686,600	Kaiser Alum & Chem	33⅓c	35½	Sale	33⅜	Sale	34⅞	Sale	33¼ Aug 1	36⅞ Aug 21	32½ Mar 1	42⅛ Jun 5
6,000	21,600	4⅛% conv preferred	100	90	Sale	97½	Sale	92	92½	92 Aug 22	97½ Aug 1	90 Jan 2	100¼ July 19
1,200	11,200	4¾% preferred	50	50¾	52	51	51½	51⅛	51¼	51 Aug 14	52¼ Aug 7	50 Mar 25	52¼ Aug 7
3,100	20,500	4¾% cv pfd (57 ser)	100	104½	105¼	111¾	Sale	112	Sale	111 Aug 9	113¾ Aug 22	104½ Jan 4	113¾ Aug 22
1,000	4,900	4¾% cv pfd (59 ser)	100	106	106½	108	Sale	107	109½	108 Aug 1	112½ Aug 16	106 Jan 7	110 Jan 31
11,400	‡124,900	Kansas City Pow & Lt Co— Common	*	—	—	40	Sale	42½	Sale	39½ Aug 7	43 Aug 20	‡37½ May 28	43 Aug 20
790	1,620	3.80% preferred	100	81	82	85½	86½	83½	85	83½ Aug 29	84½ Aug 21	81 Jan 24	86 July 19
60	2,200	4% preferred	100	95	Sale	96	97	94	96	— —	— —	93 Feb 12	96½ July 17
80	2,520	4½% preferred	100	100¾	102	100½	101¾	100½	101½	100½ Aug 22	101 Aug 9	99¾ May 10	102 Mar 7
----	1,750	4.20% preferred	100	94½	95	97	98½	96	97½	— —	— —	95¼ Jan 10	97½ May 2
10	4,820	4.35% preferred	100	97½	98½	99	99½	99	100	98¾ Aug 27	98¾ Aug 27	98 July 10	100¾ Apr 1
38,100	419,100	Kansas City South Ind	*	38⅞	Sale	43⅝	Sale	44¾	Sale	43¼ Aug 1	47⅜ Aug 15	38¼ Jan 4	48¾ Jun 25
4,600	61,900	Noncumulative pfd	25	19¼	19¾	20¾	21	21	21⅝	20½ Aug 5	21½ Aug 15	19⅝ Jan 8	21¾ Mar 25
10,700	179,800	Kansas Gas & Elec Co	*	27½	Sale	31⅞	Sale	33⅛	Sale	31¾ Aug 13	33½ Aug 29	27⅜ Jan 2	34½ May 15
14,000	97,800	Kansas Power & Lt Co	8.75	48	Sale	51¼	Sale	50⅛	Sale	49½ Aug 9	51¼ Aug 1	48 Jan 2	53⅞ Feb 26
164,500	1,392,900	Kayser-Roth Corp	1	16¾	Sale	21⅜	Sale	22⅞	Sale	21¼ Aug 1	23¾ Aug 21	16½ Mar 18	23¾ Aug 21
20,200	256,100	Kellogg Co	50c	56	Sale	75¼	Sale	74	Sale	73½ Aug 30	79½ Aug 13	55 Jan 3	79½ Aug 13
1,800	‡1,800	When issued	50c	—	—	—	—	37	38⅜	37 Aug 27	39½ Aug 19	‡37 Aug 27	39½ Aug 19
25,900	254,000	Kelsey Hayes Co	1	33⅛	Sale	39¼	Sale	41¼	Sael	38¾ Aug 1	41¾ Aug 28	33 Jan 2	42 Jun 21
19,300	180,800	Kendall Co	8	30	Sale	37⅛	Sale	41⅝	Sale	37⅛ Aug 1	41⅞ Aug 26	30 Jan 2	41⅞ Aug 26
87,300	998,900	Kennecott Copper Corp	*	66¼	Sale	72¼	Sale	74¼	Sale	71⅝ Aug 2	74⅞ Aug 29	66¼ Jan 2	79½ May 2
34,400	241,600	Kern County Land Co	2.50	73¼	Sale	66⅞	Sale	70¾	Sale	65½ Aug 1	71⅞ Aug 16	65½ Aug 1	78¾ Jan 10
182,700	1,169,200	Kerr-McGee Oil Industries	1	34¾	Sale	38½	Sale	38¼	Sale	38¼ Aug 30	41⅞ Aug 5	34⅜ Jan 2	42¾ Apr 22
5,200	49,000	Keystone Steel & Wire	1	33½	34	36¼	36¾	37¾	Sale	36⅛ Aug 21	37¾ Aug 30	34 Jan 3	37¾ Aug 30
74,800	697,500	Kimberly Clark Corp	5	53¾	Sale	63⅛	Sale	69¼	Sale	62½ Aug 2	69½ Aug 30	52⅜ Mar 13	69½ Aug 30
20,900	216,600	King-Seeley Thermos Co	1	33	Sale	43	43½	48⅞	Sale	44 Aug 5	48⅞ Aug 30	32⅛ Jan 2	49½ Jun 21
4,600	37,300	KLM Royal Dutch Air	100G	12	Sale	15	Sale	13¼	14	13¾ Aug 21	15⅛ Aug 13	12 Jan 2	16⅝ May 31
16,300	151,300	Koppers Co Inc common	10	39½	Sale	41¼	Sale	41⅞	Sale	40⅝ Aug 8	43 Aug 19	39¼ Mar 8	43⅞ Apr 16
590	8,250	4% preferred	100	85	85¾	87⅝	88	87⅝	88½	87½ Aug 8	88¼ Aug 20	84½ Jan 10	89 Mar 22
640,600	2,404,300	Korvette (E J) Inc	1	28½	Sale	26¼	Sale	33	Sale	25½ Aug 2	33¼ Aug 30	25 Mar 22	33¼ Aug 30
38,400	322,900	Kresge (S S) Co	10	21⅝	Sale	22¾	Sale	22¼	Sale	22⅛ Aug 28	23⅜ Aug 13	21½ Jan 2	25¼ Jan 15
117,800	585,500	Kress (S H) & Co	10	16¼	Sale	21¾	Sale	21⅝	Sale	18½ Aug 9	22¾ Aug 15	16¼ Jan 2	22¾ Aug 15
12,200	72,800	Kroehler Mfg Co	5	13½	14	16¼	Sale	16¾	Sale	15¼ Aug 5	17½ Aug 16	13¼ Jan 22	17½ Aug 16
74,000	785,200	Kroger Company	1	23¾	Sale	29⅞	Sale	31	Sale	29½ Aug 13	31⅜ Aug 26	23¾ Jan 2	31⅜ Aug 26
16,400	143,400	KVP Sutherland Paper Co	5	27⅜	Sale	30	Sale	30½	Sale	29⅞ Aug 2	30⅞ Aug 27	27⅜ Jan 2	34½ Apr 10
32,800	369,600	Laboratory for Electronics	1	13⅛	Sale	11⅝	Sale	12	Sale	11¼ Aug 28	12 Aug 5	10½ May 7	15⅞ Jan 15
9,900	131,400	Laclede Gas Co	4	27¾	Sale	29⅞	Sale	29⅛	Sale	28¼ Aug 21	30¼ Aug 5	27¾ Jan 2	35⅜ May 7
----	200	4.32% preferred ser A	25	38	43	45	50	46	52	— —	— —	47⅞ Mar 29	51⅛ Apr 26
11,300	119,500	Lane Bryant	*	24½	Sale	24¾	Sale	25⅞	Sale	24 Aug 7	26⅜ Aug 16	22½ Mar 7	27⅜ May 9
34,400	217,500	Lanvin-Parfums Inc	1	22	22⅜	23	Sale	24	Sale	23 Aug 1	25⅜ Aug 19	19½ Mar 12	25⅜ Aug 19
298,500	1,106,200	Lear Siegler Inc	1	16	Sale	16½	Sale	16⅞	Sale	16½ Aug 1	18¼ Aug 22	15 Apr 2	18¾ Aug 14
17,300	286,900	Lee Rubber & Tire	5	13¾	14	16	Sale	18⅛	Sale	16 Aug 1	18¼ Aug 28	13⅞ Jan 3	20⅜ Feb 14
127,300	783,000	Leesona Corp	5	22¼	Sale	36¾	Sale	43	Sale	36¼ Aug 6	43¼ Aug 30	21 Apr 17	43¼ Aug 30
57,200	460,000	Lehigh Portland Cement	15	16⅞	Sale	17¾	Sale	16⅞	Sale	16⅜ Aug 22	17¾ Aug 1	16⅜ Aug 22	20¼ Jun 19
26,800	374,000	Lehigh Valley Indus com	50c	1⅜	Sale	1⅜	Sale	1¼	Sale	1⅛ Aug 1	1⅜ Aug 1	1⅛ Aug 1	1¾ Feb 12
1,200	12,200	$1.50 conv pfd series A	*	22	22½	21⅜	21⅞	21⅜	21¾	21⅜ Aug 7	21⅞ Aug 21	21⅜ Aug 7	23 Jan 31
54,000	522,300	Lehman Corp (The)	1	27⅛	Sale	29¾	Sale	30½	Sale	29⅝ Aug 1	30⅞ Aug 7	26¾ Jan 2	30⅞ Aug 7
18,100	150,800	Lehn & Fink Products	1	34	Sale	31½	Sale	33⅛	Sale	31 Aug 1	34 Aug 16	30⅛ July 16	39½ Jan 22
7,800	102,700	Leonard Refineries Inc	3	9½	Sale	10¾	Sale	10¾	Sale	10⅝ Aug 16	11¼ Aug 19	9⅜ Jan 2	11⅞ Jun 20
99,700	906,600	Libbey-Owens-Ford Glass	5	52	Sale	52¼	Sale	56⅛	Sale	52⅛ Aug 1	56⅞ Aug 15	50⅞ July 24	56⅞ Aug 15
36,800	1,256,700	Libby McNeil & Libby	7	12½	Sale	14⅝	Sale	14⅛	Sale	13⅞ Aug 27	15 Aug 5	12⅛ Mar 26	16⅜ May 2
52,300	590,800	Liggett & Myers Tob com	25	66¾	Sale	74½	Sale	73⅞	Sale	72 Aug 16	76⅜ Aug 7	66½ Jan 2	83⅞ May 6
1,090	7,880	7% preferred	100	150	Sale	151¼	Sale	152¼	153¼	150¾ Aug 1	152¼ Aug 29	150 Jan 2	159½ Apr 3
67,100	547,200	Lily Tulip Cup Corp	5	43¼	Sale	38¼	Sale	41¼	Sale	37⅝ Aug 2	43¾ Aug 23	37⅝ Aug 2	47⅛ Mar 29
173,400	1,041,500	Ling-Temco-Vought Inc	50c	16¼	Sale	16½	Sale	16⅛	Sale	14⅝ Aug 19	17⅝ Aug 27	13½ July 10	18¼ Feb 27
17,400	162,800	Link Belt Co	5	47¼	Sale	50¾	Sale	51	Sale	49¾ Aug 1	51⅞ Aug 8	46½ Jan 2	54 Jun 4
110,900	1,592,700	Lionel Corp (The) com	2.50	5¾	Sale	5	Sale	5⅛	Sale	4½ Aug 13	5⅞ Aug 21	4½ Aug 13	7¾ Mar 14
2,400	22,400	3¾% non-cum conv pfd	20	16½	17	15½	15⅞	15⅞	Sale	13¼ Aug 14	17¾ Aug 21	13¼ Aug 14	22 Mar 14
351,500	2,777,800	Litton Industries Inc	1	65	Sale	70⅜	Sale	78⅜	Sale	69¼ Aug 1	78⅜ Aug 30	57½ Mar 1	78⅞ Jun 5
6,600	1,775,800	Lockheed Aircraft	1	54⅛	Sale	49⅞	Sale	—	—	49 Aug 1	49⅞ Aug 1	48 July 22	58¼ May 13
220,000	‡271,800	New common	1	—	—	37¾	Sale	37⅞	Sale	35½ Aug 16	38¼ Aug 6	‡35½ Aug 16	44 Jun 25
61,600	657,800	Loew's Theatres Inc	1	21½	Sale	18⅜	Sale	17¼	Sale	15¾ Aug 13	18⅜ Aug 1	15¾ Aug 13	23¾ Jan 4
77,600	896,700	Lone Star Cement	4	18½	Sale	20⅜	Sale	21⅛	Sale	19½ Aug 7	21⅜ Aug 29	17⅞ Jan 2	23⅛ May 24
163,800	1,296,800	Lone Star Gas common	10	22½	Sale	22⅞	Sale	23¾	Sale	22½ Aug 6	23⅞ Aug 19	22 Feb 28	24¼ Feb 15
40	640	4.84% preferred	100	132	140	136½	160	135	145	137 Aug 28	137 Aug 28	132½ Jan 7	143¼ Feb 14
75,000	‡393,700	Long Island Lighting— Common	5	—	—	32	Sale	32	Sale	31⅜ Aug 7	32⅝ Aug 20	‡29⅞ Apr 17	34½ Jun 12
----	1,090	5% series B pfd	100	103	104	105½	108	105½	—	— —	— —	104 Jan 7	107 July 2
120	290	4.25% series D pfd	100	94	95½	95¾	97	96¼	97½	96¾ Aug 16	96¾ Aug 16	94½ Mar 8	96¾ Aug 16
30	2,340	4.35% series E pfd	100	96	97	97½	98½	97½	Sale	97½ Aug 30	97½ Aug 30	96 Jan 16	99 Apr 5
336,800	1,007,200	Loral Electronics Corp	25c	—	—	16⅞	Sale	14⅜	Sale	13¼ Aug 19	18¼ Aug 7	§12⅜ Apr 4	18⅜ July 12
155,800	1,264,600	Lorillard (P) common	5	42¼	Sale	44½	Sale	47¾	Sale	44⅜ Aug 1	48¼ Aug 29	42⅛ Jan 2	54⅞ Apr 17
750	6,940	7% preferred	100	143	Sale	150	151½	152¼	Sale	150 Aug 7	153 Aug 20	142¾ Jan 3	153 Aug 20
20,600	298,000	Louisville Gas & Elec (Ky)	*	32½	Sale	36¼	Sale	36⅛	Sale	35¼ Aug 5	36⅝ Aug 20	32 Jan 7	39 Jun 4
17,600	317,300	Louisville & Nashville	50	59¾	Sale	77¼	Sale	81	Sale	77¼ Aug 1	82 Aug 22	59¾ Jan 2	82½ July 2
40,700	240,800	Lowenstein (M) & Sons	1	9⅜	Sale	11	Sale	12½	Sale	10⅞ Aug 1	12¾ Aug 19	9⅜ Jan 2	12¾ Aug 19
21,000	232,300	Lukens Steel Co	3.33⅓	39½	Sale	40⅞	Sale	46½	Sale	40¼ Aug 2	47⅜ Aug 29	39½ Jan 2	49⅞ Apr 15
11,500	166,800	Lykes Bros Steamship Co	10	15½	Sale	17⅝	Sale	17	Sale	16⅝ Aug 22	18 Aug 8	15½ Jan 2	19⅛ May 20
3,700	58,100	MacAndrews & Forbes	10	24¼	Sale	26⅜	Sale	26¾	Sale	26 Aug 8	27⅜ Aug 19	24 Jan 2	30 Jan 17
93,500	616,000	Mack Trucks Inc common	5	36¼	Sale	38⅞	Sale	39⅞	Sale	36¾ Aug 13	40¾ Aug 29	36⅛ Jan 2	46⅞ Apr 15
800	20,600	5¼% preferred (x w)	50	46½	46⅞	50	51¼	51	52½	51¼ Aug 8	52 Aug 15	46¼ Jan 3	52 May 27
13,000	220,200	Macy (R H) Co Inc com	1	56¼	Sale	63	Sale	66	Sale	61⅝ Aug 5	66¼ Aug 28	56 Jan 2	67¼ Jun 3
1,090	16,270	4¼% pfd series A	100	92	93½	92½	Sale	93	Sale	92 Aug 28	93½ Aug 8	92 Jan 7	96½ Apr 2
48,300	430,600	Madison Fund Inc	1	22⅝	Sale	20¾	Sale	20¾	Sale	20¼ Aug 8	21⅛ Aug 19	19¾ Mar 1	24 Jan 8
93,100	607,800	Madison Square Garden	1	1¾	Sale	1⅞	Sale	2	Sale	1⅞ Aug 1	2⅛ Aug 7	1½ July 9	2½ Jan 16
3,300	38,400	60c conv preferred	*	8⅝	Sale	8⅞	Sale	8¾	Sale	8½ Aug 2	8⅞ Aug 7	8¼ July 18	9¾ Jan 16
23,800	‡74,000	Magma Copper Co	3⅓	—	—	26½	Sale	29⅝	Sale	25½ Aug 2	29⅝ Aug 30	‡25 Jun 26	29⅝ Aug 30
249,700	2,022,000	Magnavox Co (The)	1	36¾	Sale	38⅞	Sale	42	Sale	39⅝ Aug 1	43⅜ Aug 29	35½ Jan 2	45⅝ Jun 24
15,700	178,300	Mallory (P R) & Co	1	42¼	Sale	37⅝	Sale	40	Sale	36½ Aug 1	40 Aug 30	36½ July 30	48⅜ Feb 7
8,100	94,200	Manhattan Shirt Co	5	22¾	Sale	28¾	Sale	30	Sale	26½ Aug 20	30 Aug 30	22¾ Jan 2	33½ May 24
7,600	52,500	Manning Maxwell & Moore Inc	12.50	21½	22	23	Sale	22⅝	Sale	21½ Aug 9	23¼ Aug 1	21½ Aug 9	25½ May 14
10,800	114,100	Maracaibo Oil Exploration	1	5½	5⅞	8¾	Sale	8¼	Sale	7⅞ Aug 16	8⅞ Aug 1	5⅜ Jan 7	9 July 31
94,100	800,000	Marathon Oil Co	*	44¾	Sale	55¼	Sale	58⅜	Sale	54⅜ Aug 1	59⅝ Aug 15	43½ Feb 27	59⅝ Aug 15
40,400	464,500	Maremont Corp	1	31	Sale	25	Sale	23⅝	Sale	22⅝ Aug 1	25 Aug 1	22⅝ Aug 2	35 Jan 23
40,000	427,900	Marine Midland Corp	5	27¼	Sale	33¾	Sale	34¾	Sale	33⅛ Aug 9	35 Aug 22	26¾ Jan 2	35 Aug 22
31,800	417,600	Marlin-Rockwell Corp	1	24¾	Sale	31¾	Sale	30¾	Sale	30⅛ Aug 1	33 Aug 12	24⅜ Jan 2	33⅞ July 22
36,400	449,500	Marquardt Corp	1	12⅜	Sale	11¼	Sale	11⅝	Sale	10⅜ Aug 21	11⅞ Aug 29	10⅜ Aug 21	15⅝ Feb 26
25,900	187,600	Marquette Cement Mfg Co	4	37½	Sale	33¾	Sale	35⅛	Sale	33¼ Aug 1	35⅜ Aug 28	33¼ July 24	40⅝ May 23
22,600	201,300	Marshall Field & Co	*	33⅝	Sale	35⅛	Sale	34⅛	Sale	33⅝ Aug 12	35⅜ Aug 1	32 Apr 3	38¼ Feb 5
329,500	2,798,000	Martin-Marietta Corp	1	21⅝	Sale	18⅜	Sale	19½	Sale	18⅛ Aug 8	19⅞ Aug 22	18 July 26	22⅝ Jan 30
34,800	327,400	Masonite Corp	*	36½	Sale	39¾	Sale	41¼	Sale	39¼ Aug 2	45 Aug 20	36¼ Jan 10	46⅛ Jun 13
128,700	128,700	Mattel Inc	1	—	—	—	—	51⅝	Sale	44⅞ Aug 14	54½ Aug 23	44⅞ Aug 14	54½ Aug 23
56,000	462,700	May Dept Stores common	5	54¼	Sale	63¼	Sale	64½	Sale	62⅞ Aug 1	65¾ Aug 13	53 May 27	65¾ Aug 13
1,110	4,000	$3.75 preferred 1945	*	82¼	Sale	85	86	86	87	85¼ Aug 6	86 Aug 5	82¼ Jan 2	87½ Jun 4
390	4,070	$3.75 preferred 1947	*	81½	83	85	86½	85¼	87	84¾ Aug 19	86½ Aug 7	83 Feb 26	86½ Jun 10
240	1,610	$3.40 preferred	*	73½	74½	76	77	76½	79	76 Aug 5	78 Aug 20	75 July 29	78 Aug 20
----	1,150	3¾% pfd series 1959	100	82	83	85	86½	85½	87	— —	— —	82 Jan 3	87 Apr 2
13,400	154,900	Mays (J W) Inc	1	14⅞	Sale	16¾	Sale	16⅛	Sale	15¾ Aug 21	17 Aug 6	14⅞ Jan 2	19⅝ Jun 21
24,100	357,300	Maytag Co (The)	*	29⅞	Sale	35½	Sale	37¼	Sale	35½ Aug 1	37¼ Aug 30	29½ Jan 2	37¼ May 16
39,100	317,700	M C A Inc common	*	49¼	Sale	54⅞	Sale	64⅝	Sale	54⅝ Aug 5	66¼ Aug 23	48 Jan 2	66¼ Aug 23
9,900	134,500	$1.50 conv pfd	*	34¼	Sale	36⅜	Sale	38¼	Sale	36⅛ Aug 1	38¼ Aug 29	34¼ Jan 2	38¼ Aug 29
4,300	67,600	McCall Corp	*	22¼	Sale	25¾	Sale	28	Sale	25¾ Aug 1	28⅞ Aug 21	19¼ Mar 4	29 Jun 18
6,300	64,300	McCord Corp	3	22⅝	Sale	21½	Sale	21½	Sale	21 Aug 19	21¾ Aug 9	20⅝ Apr 5	23⅞ Jan 28
53,000	617,200	McCrory Corp common	50c	16⅛	Sale	12¾	Sale	12½	Sale	11⅛ Aug 22	12¾ Aug 1	11⅛ Aug 22	17¾ Mar 4
110	3,300	3½% conv preferred	100	82	83	77½	80	75	78	75 Aug 19	77½ Aug 12	72⅛ Jun 27	89 Feb 7
5,140	25,180	$6 conv preferred	100	83½	Sale	81	Sale	81	82	79¾ Aug 1	82¼ Aug 12	78½ Jun 27	94 Mar 4
70	830	5½% conv pref B	100	105	120	94⅛	97	97	Sale	94 Aug 23	97 Aug 30	94 Aug 23	108 Apr 19
1,610	17,980	4½% conv pref B	100	65	Sale	63	Sale	62	Sale	60¼ Aug 28	64½ Aug 6	60 May 21	73¾ Mar 13
82,800	1,623,700	McDermott (J Ray) & Co	1	23½	Sale	24⅜	Sale	24¾	Sale	23⅞ Aug 1	26¾ Aug 9	22¾ Jan 10	31½ Apr 26
77,300	733,200	McDonnell Aircraft	2.50	57¾	Sale	53⅞	Sale	54⅛	Sale	51¼ Aug 19	55½ Aug 5	50⅞ Apr 1	60¼ Feb 6
75,800	602,900	McGraw-Edison Co	1	37¼	Sale	38⅞	Sale	38¼	Sale	37¾ Aug 27	39 Aug 1	34½ Feb 12	40⅝ May 16
49,800	559,900	McGraw-Hill Publishing	1	23⅝	Sale	28½	Sale	29¾	Sale	28 Aug 2	30¼ Aug 28	23⅜ Jan 2	30¼ Aug 28

For footnotes, see page 29.

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Aggregate Sales in August Shares	Aggregate Sales Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST — Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
		McGregor-Doniger Inc—											
1,700	36,900	Class A	1	16⅜	16½	17	Sale	17¾	Sale	16⅞ Aug 16	17⅞ Aug 28	16 Jan 22	18¾ Mar 26
19,100	144,200	McIntyre Porcupine Mines	*	40¼	Sale	44¾	Sale	45⅛	Sale	44 Aug 14	46¼ Aug 21	40 Jan 3	51 Apr 22
11,100	81,500	McKee (A G) & Co	*	11	Sale	16	Sale	15⅞	Sale	15¾ Aug 2	16⅝ Aug 19	10⅞ Jan 2	18⅛ May 1
40,900	446,300	McKesson & Robbins	18	40⅞	Sale	45	Sale	47	Sale	44¼ Aug 2	49⅞ Aug 15	39¼ Jan 3	51⅜ May 14
19,500	262,400	McLean Trucking Co	1	10	Sale	10¾	Sale	10⅝	Sale	10½ Aug 19	11 Aug 23	9⅞ Jan 2	12 Feb 13
11,800	148,100	McNeil Mach & Eng	*	24¼	Sale	24⅞	Sale	24¼	Sale	23⅞ Aug 22	25¼ Aug 16	23⅞ Jan 3	29⅝ Mar 29
4,200	54,400	McQuay-Norris Mfg Co	10	21¼	22	20½	Sale	20⅜	Sale	20 Aug 2	20½ Aug 1	20 July 25	23⅝ Feb 1
36,600	219,200	Mead Corp common	5	39	Sale	38¾	Sale	40½	Sale	37⅛ Aug 8	40½ Aug 30	37⅛ Aug 8	45½ Feb 21
170	2,150	4¼% pfd 1st series	100	93	95	96	97½	94	97	94 Aug 22	95½ Aug 22	93½ Jan 7	97 Jun 20
10,800	89,300	Medusa Portland Cement	*	20	20½	21½	Sale	23¾	Sale	21¼ Aug 1	23¾ Aug 30	20⅛ Jan 4	25¾ May 20
61,000	353,100	Melville Shoe Corp com	1	26⅞	Sale	22¼	Sale	21⅛	Sale	19⅝ Aug 19	22⅜ Aug 1	19⅜ Aug 15	27⅞ Jan 3
1,480	8,390	4% preferred ser B	100	86½	Sale	88¼	Sale	87⅛	Sale	87 Aug 26	89 Aug 2	86½ Jan 2	90 Jan 14
7,300	69,300	Mercantile Stores	1.83⅓	22¼	Sale	23¼	23½	24⅞	Sale	23 Aug 5	24⅞ Aug 30	20¼ Mar 11	25¼ Apr 29
76,700	649,500	Merck & Co Inc com	16⅔c	77½	Sale	95⅜	Sale	107⅞	Sale	94½ Aug 2	107⅞ Aug 30	77½ Jan 2	107⅞ Aug 30
700	4,300	$3.50 preferred	*	88	90	89¾	90¾	89½	Sale	88¾ Aug 8	90¼ Aug 30	88½ Jan 3	93 Jun 14
67,600	769,000	Merritt Chpmn & Scott	12.50	11⅞	Sale	12	Sale	12⅛	Sale	11¾ Aug 16	12⅛ Aug 13	11½ July 16	13⅜ Apr 29
134,100	844,300	Mesabi Trust units bene int		11¼	Sale	13	Sale	14¾	Sale	12⅞ Aug 1	15⅜ Aug 19	11¼ Jan 2	15⅜ Aug 19
11,400	106,100	Mesta Machine Co	5	29⅞	Sale	29¼	29⅞	29⅞	Sale	29⅛ Aug 27	30 Aug 12	29 July 18	37⅞ May 8
54,500	1,107,900	Metro-Goldwyn-Mayer Inc	*	32	Sale	28⅞	Sale	29¾	Sale	28¼ Aug 2	31⅜ Aug 19	28 Feb 28	37¼ May 31
302,300	1,222,600	Metromedia Inc	1	15⅜	Sale	30⅛	Sale	36	Sale	29¾ Aug 2	36⅛ Aug 30	15 Jan 2	36⅛ Aug 30
		Metropolitan Edison—											
460	4,250	3.90% preferred	100	87	88	87½	89	88¼	89½	87½ Aug 8	89¾ Aug 15	85 Apr 29	90 Feb 1
290	1,180	4.35% preferred	100	97	Sale	98½	99½	100	Sale	99½ Aug 5	100 Aug 19	96½ Jan 7	101 May 17
60	1,110	3.85% preferred	100	86¼	Sale	87¼	Sale	87½	89	87¼ Aug 1	87¼ Aug 1	86 Apr 11	89 July 2
90	590	3.80% preferred	100	84¼	86	86	87	86	87½	85½ Aug 9	86½ Aug 30	84 Apr 10	87½ May 22
60	460	4.45% preferred	100	100	101	101½	103	101½	103	103 Aug 5	103 Aug 5	98½ Apr 24	103 Aug 5
63,400	692,700	Middle South Utilities	10	36⅛	Sale	37⅝	Sale	39	Sale	37¼ Aug 6	39⅞ Aug 20	34¾ Jan 3	39⅞ Aug 20
23,200	184,000	Midland-Ross Corp com	5	49⅝	Sale	62⅞	Sale	64½	Sale	62½ Aug 9	65¾ Aug 5	49⅝ Jan 2	67 Jun 4
1,000	6,630	5½% 1st preferred	100	101	101½	103½	105	104¼	Sale	103½ Aug 7	105 Aug 27	101 Mar 22	105 Aug 27
6,000	75,600	Midwest Oil Corp	10	66¼	Sale	63½	Sale	65½	Sale	63½ Aug 1	67½ Aug 14	60¼ Jan 22	69⅞ Apr 24
40,300	351,300	Miles Laboratories Inc	2	25¼	Sale	29	Sale	28¾	Sale	27⅞ Aug 2	29½ Aug 14	24¼ Jan 2	33¾ Apr 15
52,200	555,300	Minerals & Chemicals Philip Corp	1	18⅜	Sale	19⅞	Sale	22⅛	Sale	19⅝ Aug 9	22¼ Aug 30	18⅜ Jan 2	23¼ Jun 4
122,800	680,700	Minn-Honeywell Reg	1.50	85¼	Sale	104¼	Sale	118⅞	Sale	103½ Aug 1	118⅞ Aug 30	84½ Jan 2	118⅞ Aug 30
5,300	35,300	3% convertible pref	100	80½	Sale	84¾	85¼	89¼	Sale	84¾ Aug 6	89½ Aug 23	79¾ Jan 2	89½ Aug 23
7,800	31,400	Minnesota Enterprises Inc	*	14¾	Sale	14⅛	Sale	15¼	Sale	14 Aug 2	15½ Aug 28	14 Apr 17	15¾ Jan 8
168,700	1,416,000	Minn Mining & Mfg	*	53⅛	Sale	59¼	Sale	63	Sale	58 Aug 1	64 Aug 19	52½ Jan 2	64½ Apr 24
30,300	265,200	Minn & Ontario Paper	2.50	18½	Sale	20¾	Sale	22	Sale	20¼ Aug 2	22 Aug 15	18¼ Jan 2	23 Apr 9
14,700	162,900	Minnesota Pwr & Lt Co	*	42½	Sale	44⅞	Sale	46	Sale	44½ Aug 6	46 Aug 30	40¼ Feb 8	49 Jun 3
34,500	238,500	Mission Corp	1	45⅞	Sale	55	Sale	56½	Sale	54⅛ Aug 6	58¾ Aug 7	44⅛ Mar 6	58¾ Aug 7
7,900	250,200	Mission Development Co	5	31½	Sale	33⅝	Sale	33¾	Sale	33⅛ Aug 26	34½ Aug 9	29½ Mar 6	35⅜ July 12
78,000	603,000	Mississippi River Fuel	10	38⅛	Sale	38	Sale	40¼	Sale	37¼ Aug 8	40½ Aug 30	37¼ July 24	44 Feb 18
13,600	198,200	Mo-Kansas-Texas RR	*	2⅞	Sale	3½	Sale	3⅝	Sale	3½ Aug 1	4 Aug 15	2⅞ Jan 2	4⅝ Feb 15
5,400	191,600	Missouri Pac RR Class A	*	48⅝	Sale	65	Sale	66⅛	Sale	64 Aug 8	68 Aug 28	48⅝ Jan 2	73¼ May 31
8,400	80,500	Missouri Portl'l Cement	6.25	33	33¼	31¼	Sale	31¼	Sale	30 Aug 2	32⅞ Aug 26	30 Aug 2	37⅞ Mar 29
7,900	82,700	Missouri Public Service Co	1	22⅝	Sale	24	24⅜	24	Sale	23¾ Aug 23	24⅜ Aug 27	22⅝ Jan 2	27 Apr 30
128,300	900,600	Mohasco Industries com	5	9⅝	Sale	9	Sale	9¾	Sale	8¾ Aug 1	9¾ Aug 20	8¾ July 5	11⅜ Jan 24
100	790	3½% preferred	100	66½	68	67	Sale	68	71	66 Aug 5	69⅞ Aug 29	66 Aug 5	69⅞ Aug 29
340	1,980	4.20% preferred	100	75½	77½	77	78½	78½	80	77½ Aug 5	80 Aug 29	76¾ July 12	80 Apr 1
27,400	281,800	Monarch Machine Tool	*	18¼	Sale	26¼	Sale	26⅛	Sale	24 Aug 14	26¾ Aug 30	18 Jan 2	30½ May 23
1,300	11,600	Monon RR class A	25	11½	12⅜	18½	19¼	20	Sale	17¾ Aug 13	20½ Aug 28	11¼ Apr 16	20½ ug 28
13,700	144,700	Class B	*	9⅜	Sale	19⅝	Sale	23¾	Sale	19 Aug 12	25 Aug 28	9⅛ Jan 16	25 Aug 28
308,900	1,514,300	Monsanto Chemical Co	2	49½	Sale	51½	Sale	54½	Sale	50⅝ Aug 6	55 Aug 26	49 Jan 17	55 Aug 26
18,100	177,800	Montana-Dakota Util Co	5	38¼	Sale	39⅝	Sale	38⅞	Sale	38¼ Aug 30	39⅞ Aug 1	38⅛ Jun 10	42¾ Apr 5
30,400	213,200	Montana Power Co	*	37¼	Sale	37⅜	Sale	39⅜	Sale	36¼ Aug 13	39½ Aug 29	36⅛ July 10	39½ Aug 29
		Montecatini Min & Chemical											
7,000	49,500	Am shs (5 shs or 5,000 lire)		23⅝	Sale	16¾	17¼	16½	16⅞	16½ Aug 26	17¼ Aug 5	16¼ July 18	23⅝ Jan 2
159,000	2,246,700	Montgomery Ward & Co	*	32½	Sale	37⅜	Sale	39¼	Sale	36¾ Aug 2	39⅝ Aug 16	32¼ Jan 2	41¼ Jun 11
9,300	183,700	Moore-McCormack Lines	12	8⅞	Sale	9¾	Sale	10	Sale	9½ Aug 13	10⅝ Aug 5	8⅞ Jan 2	12⅜ May 22
29,200	394,600	Morrell (John) & Co	10	23⅜	Sale	24½	Sale	26⅛	Sale	24 Aug 2	26½ Aug 29	23 July 30	31⅞ May 16
159,600	574,400	Motor Wheel Corp	5	17	Sale	21¼	Sale	23⅛	Sale	19½ Aug 8	24⅞ Aug 27	16½ Jan 17	24⅞ Aug 27
59,000	460,000	Motorola Inc	3	61¾	Sale	73	Sale	75⅜	Sale	71 Aug 2	78 Aug 15	58 Apr 5	78 Aug 15
7,000	78,500	Mountain Fuel Supply Co	10	34¾	35⅜	40¼	Sale	43⅛	Sale	39¾ Aug 2	43⅝ Aug 26	35 Jan 11	43⅝ Aug 26
24,500	241,600	MSL Industries Inc	*	21½	Sale	25¾	Sale	27¼	Sale	25¾ Aug 1	28¾ Aug 16	21½ Jan 2	30 Jun 6
198,400	513,000	Mueller Brass Co	1	22⅝	22⅞	38⅝	Sale	45⅞	Sale	37⅜ Aug 2	46¾ Aug 22	23 Jan 3	46¾ Aug 22
14,000	128,800	Munsingwear Inc	5	28⅝	29	28¼	Sale	27¾	Sale	26½ Aug 7	29 Aug 23	26½ Aug 27	31⅜ Jan 15
37,100	266,200	Murphy Co (G C)	1	24⅞	Sale	22½	Sale	21¼	Sale	21 Aug 8	22½ Aug 1	21 Aug 7	27¼ Feb 1
26,700	232,700	Murphy Corp	1	18¾	Sale	18⅝	Sale	19¼	Sale	18⅜ Aug 2	19⅞ Aug 16	17¾ Feb 12	22⅛ May 2
24,900	182,500	Murray Corp of America	10	30⅜	Sale	38¼	Sale	39	39½	38 Aug 1	39¼ Aug 5	30⅜ Jan 2	40⅝ May 28
6,200	62,700	Natco Corp	5	8¼	Sale	7⅞	Sale	8	Sale	7⅝ Aug 5	8 Aug 30	7⅝ July 29	10¼ Mar 7
5,600	91,400	National Acme Co	1	54½	Sale	58½	Sale	61	Sale	57½ Aug 1	61 Aug 16	54½ Jan 2	70¾ May 16
539,200	2,300,900	National Airlines Inc	1	24⅝	Sale	33⅜	Sale	41¼	Sale	33⅜ Aug 1	41¼ Aug 30	21¾ Jan 16	41¼ Aug 30
18,600	176,200	National Aviation Corp	5	29⅝	Sale	26¾	Sale	28⅛	Sale	26⅝ Aug 1	28⅛ Aug 30	25½ Mar 5	31 Jan 15
45,800	614,800	National Biscuit Co	5	43⅞	Sale	51¾	Sale	56	Sale	51⅝ Aug 1	56 Aug 30	43⅛ Jan 7	56 Aug 30
162,500	967,800	National Can Corp	10	11½	Sale	15¾	Sale	16⅞	Sale	15¼ Aug 7	17½ Aug 26	11½ Jan 2	17½ Aug 26
155,300	954,300	National Cash Register	5	81	Sale	66⅝	Sale	70¼	Sale	66¼ Aug 1	71⅜ Aug 21	65 July 19	82⅛ Jan 4
56,300	292,900	National Castings Co	*	20⅝	Sale	30½	Sale	31½	Sale	30¼ Aug 1	34 Aug 12	20⅜ Jan 2	34 Aug 12
8,400	179,800	National City Lines	1	22¾	Sale	25¼	Sale	25¼	Sale	24 Aug 7	25¾ Aug 23	22⅜ Jan 3	28 May 24
49,300	414,700	National Dairy Products	5	63¾	Sale	64½	Sale	65½	Sale	63⅛ Aug 8	66⅜ Aug 16	59⅛ Mar 19	67¾ Jan 10
109,300	1,013,100	National Distillers & Chem	5	24⅜	Sale	25⅛	Sale	25½	Sale	25 Aug 8	25¾ Aug 15	23¾ Mar 4	26¼ Jan 28
300	39,510	4¼% pfd ser of 1951	100	93	Sale	94	94¾	93½	94¼	94⅝ Aug 20	95 Aug 9	92½ Jan 4	96½ Feb 12
3,300	16,300	4½% preferred (conv)	50	48½	49½	48½	50	49	Sale	48¼ Aug 28	50 Aug 15	48¼ July 18	54 Feb 8
31,800	229,300	National Fuel Gas Co	10	29½	Sale	32⅞	Sale	36¼	Sale	32½ Aug 1	36½ Aug 28	29¼ Jan 2	36½ Aug 28
99,100	1,698,600	National General Corp	1	7⅞	Sale	11½	Sale	10	Sale	9¾ Aug 19	11½ Aug 1	7⅞ Jan 2	12¾ Feb 25
38,700	420,400	National Gypsum Co com	1	40½	Sale	44¾	Sale	46½	Sale	44¾ Aug 1	47¼ Aug 6	40½ Jan 2	50 May 2
750	5,100	$4.50 preferred	*	98½	100	102½	Sale	100¾	101¾	100⅜ Aug 7	102½ Aug 1	98 Feb 13	103¼ Jun 17
161,800	1,270,600	National Lead Co com	5	68⅛	Sale	74⅝	Sale	77¼	Sale	74⅛ Aug 1	78⅜ Aug 27	68⅛ Jan 2	78⅜ Aug 27
5,800	50,500	National Linen Serv Corp	1	26⅞	Sale	26	Sale	27¼	Sale	26 Aug 2	27¼ Aug 30	25½ May 27	27¼ Aug 30
5,800	46,600	National-Standard Co	10	28¼	28¾	31¼	31½	31½	Sale	31 Aug 13	32½ Aug 26	28¼ Feb 25	33¼ May 29
8,500	64,800	Nat Starch & Chem Cp	50c	42	42¾	40¼	Sale	42½	Sale	40⅛ Aug 1	45½ Aug 23	40⅛ Aug 1	47 Apr 5
172,600	1,123,900	National Steel Corp	5	36¼	Sale	43⅜	Sale	50½	Sale	43⅛ Aug 1	51 Aug 23	34¾ Mar 6	51 Aug 23
6,200	176,700	National Sugar Refining	*	18	Sale	23¼	Sale	22⅝	Sale	21 Aug 15	23¼ Aug 1	18 Jan 2	28 May 21
48,300	714,800	National Tea Co	*	15	Sale	15¾	Sale	15¾	Sale	15¼ Aug 15	16⅝ Aug 1	15 Jan 2	18¾ May 31
4,900	54,900	Natl Vulcanized Fibre Co	1	17½	17¾	16⅞	Sale	17⅜	Sale	16¾ Aug 12	17½ Aug 20	15¼ Mar 19	19⅛ Jan 29
21,400	328,600	Natomas Co	1	7	Sale	7⅞	Sale	7¾	Sale	7¼ Aug 22	7⅞ Aug 1	6¾ Apr 17	9⅛ Apr 15
15,000	106,800	Nautec Corp	5	11¾	Sale	10¼	Sale	10	Sale	9½ Aug 12	10¼ Aug 1	9½ Aug 12	13½ Jan 7
8,700	46,700	Neisner Bros Inc	1	6⅞	Sale	6½	Sale	7⅛	Sale	6¼ Aug 8	7⅛ Aug 30	6¼ Aug 8	7¾ Feb 1
46,500	278,000	Neptune Meter Co	5	18¼	Sale	27	Sale	29⅜	Sale	26⅝ Aug 1	30 Aug 22	18¼ Jan 2	30 Aug 22
9,300	‡106,000	Nevada Power Co	1	—	—	37½	37⅞	37⅜	Sale	37⅜ Aug 14	38¼ Aug 5	‡32 Apr 24	38¼ Aug 5
32,900	466,400	Newberry Co (J J) com	*	30¾	Sale	18⅞	Sale	20½	Sale	18½ Aug 2	20½ Aug 30	18½ Aug 2	33 Jan 14
4,800	16,230	3¾% preferred	100	78	Sale	70	Sale	70⅛	71	70 Aug 1	71 Aug 6	70 July 31	85 Apr 8
43,100	439,000	New England Elec System	1	24¾	Sale	27⅛	Sale	28¼	Sale	26⅞ Aug 2	28¼ Aug 28	24½ Jan 2	28⅜ May 2
42,200	†292,000	New England Tel & Tel	20	43⅜	Sale	54⅛	Sale	52⅛	Sale	51⅞ Aug 27	54½ Aug 5	43⅜ Jan 2	54⅞ July 31
410,800	410,800	Rights		—	—	—	—	1/32	Sale	1/32 Aug 21	1/16 Aug 22	1/32 Aug 21	1/16 Aug 22
60	540	N J Pwr & Lt Co 4% pfd	100	86	88½	87	91	87½	89½	86 Aug 28	88 Aug 29	86 Jan 21	89½ Apr 29
20,700	235,800	Newmont Mining com	10	63¾	Sale	76	Sale	79¼	Sale	76 Aug 1	80¾ Aug 23	61½ Jan 2	84½ Jun 4
7,400	89,100	4% conv pfd	100	95⅜	Sale	103	Sale	103½	105	103 Aug 1	106½ Aug 23	94 Jan 2	108½ May 15
21,300	227,000	Newport News Shipbuilding & Dry Dock Co	1	48¾	Sale	47⅜	Sale	46⅛	Sale	45¼ Aug 5	47½ Aug 1	45½ Aug 5	53 Apr 8
13,000	181,600	New York Air Brake	5	28¼	Sale	30	Sale	28¾	Sale	28¼ Aug 30	30½ Aug 9	28¼ Jan 2	33¾ Feb 13
297,900	1,900,200	New York Central RR	1	15	Sale	20⅛	Sale	23⅝	Sale	19⅞ Aug 1	23⅞ Aug 28	15 Jan 2	23⅞ Aug 28
60,800	1,139,100	N Y Chicago & St. Louis	15	42⅞	Sale	42¾	Sale	43½	Sale	42⅛ Aug 5	44½ Aug 16	38 Mar 11	45½ July 2
5,100	46,200	N Y Shipbuilding Corp	1	12⅛	12½	11⅛	Sale	11¼	Sale	10⅞ Aug 9	11⅝ Aug 13	10⅞ Aug 9	13¼ Apr 26
23,900	231,600	N Y State Elec & Gas Corp Common	*	40½	Sale	44	Sale	46⅜	Sale	43¾ Aug 1	46⅜ Aug 30	40 Jan 3	46⅜ Aug 30
180	4,950	$3.75 preferred	100	82¼	82¾	84	85	84½	86	83 Aug 9	85 Aug 26	82½ Mar 22	85¾ Feb 25

For footnotes, see page 29.

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Aggregate Sales in August Shares	Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
		Niagara Mohawk Pwr Corp											
60,900	632,000	Common	*	46⅜	Sale	53¾	Sale	54¾	Sale	53¼ Aug 8	55⅛ Aug 14	46 Jan 2	55⅛ Aug 14
940	5,830	3.40% preferred	100	73	74	74½	75	76	77½	73¾ Aug 13	77 Aug 27	72¾ Jan 11	77 Aug 27
2,540	19,700	3.60% preferred	100	77	Sale	80	Sale	80	Sale	79¼ Aug 2	80 Aug 1	76¼ Jan 3	82¼ Jan 23
1,010	10,790	3.90% preferred	100	84¼	Sale	84½	Sale	85¾	86½	84 Aug 1	86¾ Aug 7	83⅛ Jan 8	88 Jan 22
400	3,090	4.10% preferred	100	91½	93	93	94	93	94½	92 Aug 6	94 Aug 14	92 Aug 6	97½ May 31
690	8,330	5.25% preferred	100	107	108	108½	Sale	109	Sale	107¾ Aug 9	110 Aug 22	107 Jan 7	110½ Feb 28
470	6,830	4.85% preferred	100	104¼	105	103¼	104¼	105¾	106½	104¼ Aug 7	106¼ Aug 26	103½ July 12	106¾ Jan 30
7,200	90,893	Niagara Share Corp	5	20⅜	20⅝	23	Sale	22¾	23¼	22 Aug 21	23⅝ Aug 7	20⅞ Jan 3	25 Jan 18
11,900	126,200	Nopco Chemical Co	1	25½	Sale	24¼	Sale	26	Sale	24 Aug 1	26⅜ Aug 19	23½ July 29	29½ Jan 9
60,800	712,766	Norfolk & Western com	25	108¾	Sale	117	Sale	119	Sale	116½ Aug 6	122¼ Aug 15	105 Jan 18	125 May 31
600	11,600	Adjustment preferred	25	22⅝	Sale	22⅞	23⅜	23½	Sale	23½ Aug 12	23¾ Aug 28	22 Apr 15	24 May 20
1,300	15,800	6% preferred	10	13⅝	13⅞	14	14⅜	14	14¼	13⅞ Aug 12	14⅜ Aug 20	13¼ Jan 18	14¾ Jun 6
14,100	139,500	Norris-Thermador Corp	50c	18⅛	18¾	23⅛	Sale	21¾	Sale	21½ Aug 28	23⅛ Aug 1	18¼ Feb 21	23¼ July 31
175,300	1,341,100	North American Aviation	1	66¾	Sale	55¾	Sale	54½	Sale	51¼ Aug 15	56¾ Aug 19	51¼ Aug 15	66¾ Jan 2
51,900	598,800	North American Car Corp	7	24½	Sale	22⅝	Sale	23⅜	Sale	21¾ Aug 1	24¼ Aug 15	20⅞ Mar 4	26¼ Apr 29
26,900	134,100	North American Coal	1	8⅛	8⅜	8½	Sale	10⅛	Sale	8⅜ Aug 1	10¼ Aug 30	7¾ Apr 29	10¼ Aug 30
13,700	240,700	North Amer Sugar Ind	10	13⅛	Sale	18⅜	Sale	18⅜	Sale	17¾ Aug 16	18⅝ Aug 6	13⅛ Jan 14	26¼ May 21
350	3,840	Northern Central Ry	50	72½	Sale	78¾	79¼	79¼	80½	79 Aug 6	80½ Aug 26	72½ Jan 2	80½ Jun 21
40,500	341,200	Northern Indiana P S Co	*	44½	Sale	54½	Sale	54½	Sale	54¼ Aug 5	57⅞ Aug 15	43¾ Jan 4	57⅞ Aug 15
44,900	284,400	Northern Natu'l Gas com	10	43	Sale	52¾	Sale	56¼	Sale	51¼ Aug 9	58 Aug 26	43 Jan 2	58 Aug 26
120	3,160	5½% preferred	100	104½	105½	106½	Sale	106	107	105⅝ Aug 8	107 Aug 2	104¼ Jan 11	108 Mar 1
900	13,140	5.80% preferred	100	108½	108¾	109½	Sale	109⅝	110¾	109½ Aug 1	110⅝ Aug 29	107½ Jan 29	111½ May 20
970	13,590	5.60% preferred	100	109⅛	Sale	109	109¾	110	Sale	109⅛ Aug 20	110 Aug 26	109 Jan 2	110½ Jan 17
70,300	676,900	Northern Pacific Ry	5	40	Sale	47	Sale	48½	Sale	46⅜ Aug 7	48⅞ Aug 16	39 Jan 11	48⅞ Aug 15
		Northern States Pow (Minn)											
34,800	305,600	Common	5	35½	Sale	36	Sale	36¼	Sale	35¼ Aug 13	36½ Aug 22	33½ Mar 29	38⅜ Jun 5
1,040	10,970	$3.60 preferred	100	76	Sale	78½	79	79	80	78½ Aug 8	79⅞ Aug 19	76 Jan 2	81½ May 29
1,070	6,250	$4.10 preferred	100	91¾	92½	92¾	93½	93½	94	93¼ Aug 9	94 Aug 23	92½ Jan 4	96 Feb 19
----	1,320	4.08% preferred	100	90½	92	93½	95	93½	95½	-- ------	-- ------	91½ Jan 9	95 Jun 20
310	5,720	4.11% preferred	100	92½	93½	94¼	95	94½	Sale	93½ Aug 23	95 Aug 8	93 Feb 11	95½ Mar 4
10	1,390	$4.16 preferred	100	92½	93⅝	94¼	95½	95½	Sale	95½ Aug 30	95½ Aug 30	93 Apr 22	95½ Jun 21
132,000	825,700	Northrop Corp	1	23½	Sale	21¼	Sale	21⅝	Sale	20⅛ Aug 15	22⅝ Aug 26	20⅛ Aug 15	25⅜ Jan 14
136,400	1,227,200	Northwest Airlines com	10	37⅞	Sale	49½	Sale	55⅞	Sale	49 Aug 1	55⅞ Aug 30	35½ Jan 10	56⅝ May 23
20,600	127,700	Northwest Bancorp'n	3⅓	44⅜	Sale	46½	Sale	50½	Sale	46 Aug 13	51 Aug 30	42¾ Mar 6	51 Jan 31
3,300	37,000	Northwestern Steel & Wire	5	20¼	Sale	20	20⅜	21⅜	Sale	20⅛ Aug 2	21¾ Aug 26	19⅝ July 29	23 Feb 18
60,300	156,100	Norton Co	10	--	--	37¼	Sale	40½	Sale	36 Aug 2	40¾ Aug 30	36 Aug 2	44½ Jun 18
78,700	261,600	Norwich Pharmacal	66½c	43½	Sale	38⅞	Sale	39⅝	Sale	37½ Aug 28	39⅝ Aug 30	37½ Aug 28	44⅞ Jan 8
26,100	272,700	Ohio Edison Co common	15	47¼	Sale	46¾	Sale	50¾	Sale	46¾ Aug 1	51¼ Aug 23	46¼ July 26	51¼ Aug 23
1,000	13,550	4.40% preferred	100	98¾	Sale	100¾	Sale	99¼	100	99¼ Aug 20	101¼ Aug 9	97 Feb 12	101½ Jun 5
800	7,690	3.90% preferred	100	86	Sale	86½	Sale	86½	88¼	86½ Aug 1	88 Aug 16	85¼ Jan 9	89½ May 7
380	8,870	4.56% preferred	100	102½	104	103	Sale	104	Sale	102½ Aug 20	104 Aug 5	102 Jan 7	105 May 2
380	3,530	4.44% preferred	100	100	101	101	102	101	Sale	101 Aug 9	102 Aug 20	100½ Apr 19	102¾ Jan 25
		Oklahoma Gas & Elec—											
38,400	‡237,000	Common	2.50	--	--	24¼	Sale	26¼	Sale	24¼ Aug 1	26⅜ Aug 29	‡22½ Mar 25	26⅜ Aug 29
2,100	21,700	4% preferred	20	17⅛	17½	18	18¼	18¼	Sale	17⅞ Aug 29	18¼ Aug 15	17¼ Jan 7	18⅜ Feb 13
120	1,830	4.24% preferred	100	95⅝	Sale	94½	98	96	98½	97 Aug 27	98 Aug 5	94½ Jan 9	98½ Apr 26
21,700	167,200	Oklahoma Natural Gas	7.50	36½	Sale	37¾	Sale	38	Sale	37¾ Aug 1	38¾ Aug 13	34⅛ May 29	38¾ Aug 13
139,200	1,647,500	Olin-Mathieson Chemical	5	31½	Sale	40⅛	Sale	43¼	Sale	40⅛ Aug 1	44 Aug 16	31⅜ Jan 2	44½ Jun 25
6,700	56,100	Opelika Mfg Corp	5	15¾	Sale	16⅜	Sale	16⅝	Sale	16⅛ Aug 15	16¾ Aug 8	15⅝ Jan 2	17½ May 13
23,600	‡63,900	Orange & Rockland Util	5	--	--	29½	Sale	32½	Sale	29⅛ Aug 7	33 Aug 23	‡27¾ Jun 4	33 Aug 23
87,600	640,900	Otis Elevator Co	*	55¼	Sale	50	Sale	49½	Sale	48⅛ Aug 20	51 Aug 5	47¼ July 25	59½ Jan 30
		Outboard Marine &											
93,700	1,085,500	Manufacturing Co	30c	13⅞	Sale	11⅞	Sale	11⅜	Sale	11 Aug 16	12⅛ Aug 2	11 Aug 16	15⅜ Jan 11
3,110	31,260	Outlet Co	*	22¼	22⅞	22½	Sale	22½	Sale	20½ Aug 20	22½ Aug 1	20½ Aug 20	24¾ May 1
17,100	46,000	Overnite Transportation	1	--	--	20	Sale	22½	Sale	19¾ Aug 1	22½ Aug 30	19¼ July 15	23¼ Jun 27
43,500	372,300	Owens-Corning Fiberglas	1	57	Sale	52	Sale	52½	Sale	50½ Aug 5	54¼ Aug 20	50½ Aug 5	68¾ May 14
36,500	421,300	Owens-Illinois Glass com	6.25	73½	Sale	79½	Sale	81¼	Sale	79 Aug 1	82½ Aug 6	72⅛ Jan 24	84⅞ Jun 21
6,800	49,300	4% preferred	100	101	Sale	100¼	Sale	100	Sale	100 Aug 2	100¼ Aug 1	100 Mar 1	105 Jan 18
11,900	116,800	Oxford Paper Co common	15	31½	Sale	31	31⅜	33¼	Sale	31 Aug 2	33¼ Aug 30	31 Aug 2	37 Apr 9
4,900	30,400	Pacific American Corp	5	17¾	18¼	16⅞	Sale	18¾	19⅛	16⅝ Aug 2	19⅝ Aug 15	15⅜ May 1	19⅝ Aug 15
26,000	143,400	Pacific Cement & Arreg	5	12¾	13	14⅝	Sale	16	Sale	14½ Aug 1	16¼ Aug 20	12⅞ Jan 4	16¼ Aug 20
117,900	931,200	Pacific Gas & Electric	10	31⅞	Sale	31⅝	Sale	33⅞	Sale	31¼ Aug 1	34 Aug 30	30⅞ July 25	34⅝ Jan 29
53,300	467,800	Pac. Intermountain Exp Co	5	--	--	17⅝	Sale	17⅛	Sale	16⅝ Aug 9	18⅛ Aug 16	16½ Mar 25	20⅜ Jun 24
32,000	490,200	Pacific Lighting Corp	*	60¾	Sale	58¾	Sale	59⅛	Sale	58⅛ Aug 5	59⅞ Aug 20	53⅝ May 1	63¾ Jan 17
290,000	1,269,500	Pacific Petroleum Ltd	1	—	—	11¼	Sale	11¾	Sale	10⅞ Aug 8	12½ Aug 16	§10½ Mar 1	14½ May 13
		Pacific Teleph & Teleg—											
31,500	292,500	Common	14 2/7	31⅝	Sale	31⅞	Sale	32¾	Sale	31⅞ Aug 1	33⅜ Aug 13	30½ July 19	35¼ Apr 25
670	9,030	6% preferred	100	145½	Sale	143	144	145½	146	143 Aug 5	146 Aug 21	141 July 25	157 Apr 25
12,500	114,500	Pacific Tin Consol Corp	1	5⅝	Sale	6	6⅛	6	6½	6 Aug 2	6⅝ Aug 23	5⅝ Jan 2	6⅞ Jun 11
41,800	221,100	Packaging Corp of Amer	5	16⅛	Sale	14¾	Sale	16⅛	Sale	14¼ Aug 5	16¼ Aug 23	13⅝ Apr 25	17⅝ Jan 15
26,900	391,300	Packard-Bell Electronics	50c	9¼	Sale	13¾	Sale	12¾	Sale	11¾ Aug 21	14¼ Aug 5	9¼ Jan 2	15¼ Jun 12
37,100	483,700	Pan American Sulphur	70c	11¼	Sale	15⅝	Sale	15⅞	Sale	15⅜ Aug 2	15⅞ Aug 8	11¼ Jan 2	16⅝ May 15
574,200	3,979,300	Pan Amer World Airways	1	21⅜	Sale	38⅝	Sale	44¾	Sale	38⅝ Aug 1	44¾ Aug 30	21⅜ Jan 2	44¾ Aug 30
		Panhandle Eastern Pipe											
38,500	406,700	Line Co common	*	67¾	Sale	70¾	Sale	72¼	Sale	69 Aug 5	76 Aug 13	67⅝ Jan 2	80¾ May 13
190	1,550	4% preferred	100	95½	97½	97	98½	97	98½	97 Aug 6	98 Aug 27	96 Jan 10	98 Jan 17
64,200	439,200	Papercraft Corp	1	--	--	7⅞	Sale	8¾	Sale	7⅝ Aug 2	9¼ Aug 29	6¾ Apr 9	9¼ Jan 28
90,700	421,100	Paramount Pictures	1	36⅛	Sale	43⅝	Sale	51¾	Sale	42¾ Aug 1	51¾ Aug 30	35¼ Mar 8	51¾ Aug 30
1,606,200	3,415,600	Parke Davis & Co	*	24⅞	Sale	26¼	Sale	32⅝	Sale	25⅝ Aug 5	34¼ Aug 12	24½ Mar 20	34¼ Aug 12
4,800	48,900	Parmelee Transportation	*	51	Sale	64½	Sale	58½	59½	57½ Aug 27	65 Aug 1	48½ May 24	67¾ July 30
31,300	394,900	Peabody Coal Co common	5	30¾	Sale	36⅜	Sale	39¾	Sale	36⅜ Aug 1	40 Aug 29	29½ Jan 28	40 Aug 29
900	8,100	5% conv prior pfd	25	26	26¼	26⅝	27	26	26¾	26¼ Aug 19	27 Aug 8	25¾ Apr 10	27 Feb 27
9,100	‡34,100	Pendleton Tool Industries	1	--	--	16⅝	Sale	16¼	Sale	15¾ Aug 7	16⅝ Aug 1	‡15¾ Aug 7	19½ Apr 25
35,300	398,500	Penick & Ford Ltd	1	18	Sale	19⅛	Sale	19⅝	Sale	18⅝ Aug 9	19¾ Aug 19	17⅝ Jan 14	25½ May 22
43,500	418,800	Penn-Dixie Cement Corp	1	17⅛	Sale	15⅝	Sale	16	Sale	15⅝ Aug 1	16½ Aug 23	15⅝ July30	19½ Jan 9
21,700	172,400	Penn Fruit Co Inc com	5	8¾	Sale	7¾	Sale	8⅛	Sale	7⅛ Aug 15	8¼ Aug 29	7⅛ Aug 15	10⅝ Feb 14
520	14,790	4.68% conv preferred	50	41¼	Sale	39	40	39⅝	Sale	39 Aug 2	40 Aug 8	39 Aug 2	50¼ Apr 2
259,000	1,062,600	Penney (J. C.) Co	1	43	Sale	40⅛	Sale	45¾	Sale	40⅛ Aug 1	46¼ Aug 30	40 July 31	50 Apr 29
29,900	302,100	Pennsalt Chemicals Corp	3	36	Sale	40¾	Sale	44⅛	Sale	40½ Aug 1	44⅜ Aug 30	34 Jan 3	44¾ July 9
5,500	44,100	Penn Glass Sand Corp	1	30¼	30½	34	Sale	34½	Sale	34 Aug 1	36½ Aug 19	30½ Jan 3	36½ Aug 19
25,500	256,700	Penn Power & Light com	*	33	Sale	34½	Sale	35⅝	Sale	34 Aug 1	35¾ Aug 19	32½ Apr 3	36 May 16
1,690	15,890	4½% preferred	100	101¼	Sale	104⅛	Sale	104	Sale	104 Aug 2	105½ Aug 9	101 Apr 5	106¾ Feb 28
960	9,440	4.40% preferred	100	100½	Sale	101⅜	Sale	101	Sale	101 Aug 1	101½ Aug 5	98¼ Apr 17	103 Feb 13
685,300	3,658,000	Pennsylvania RR Co	10	13¼	Sale	18¼	Sale	21¾	Sale	18 Aug 1	21⅞ Aug 30	13¼ Jan 2	21⅞ Aug 30
45,400	109,300	Pennzoil Co	5	--	--	42	Sale	45½	Sale	40⅛ Aug 8	45¾ Aug 28	31½ Jan 2	45¾ Aug 28
3,900	45,400	People's Drug Stores Inc	5	35⅝	Sale	41⅜	Sale	41	Sale	41 Aug 30	42⅜ Aug 5	35¼ Feb 8	43¾ July 5
33,700	410,700	Peoples Gas Lt & Coke	*	47½	Sale	52⅝	Sale	52⅞	Sale	52 Aug 16	53⅜ Aug 26	46 Feb 11	56½ May 15
73,700	502,900	Pepsi-Cola Co	33⅓c	46¼	Sale	53½	Sale	58⅛	Sale	52½ Aug 1	58½ Aug 29	46 Jan 2	58 Aug 29
24,900	296,400	Perkin-Elmer Corp	1	46	Sale	39⅜	Sale	42¾	Sale	38 Aug 1	43¾ Aug 19	38 Aug 1	48¼ Jan 7
17,000	141.800	Permanente Cement com	1	13¼	Sale	16¾	Sale	17	Sale	16¾ Aug 1	17⅜ Aug 12	13¼ Jan 2	17⅜ Aug 12
2,000	20,100	5% conv preferred	50	53¼	Sale	54¼	55⅜	54⅜	Sale	53⅞ Aug 21	55 Aug 13	51¼ Mar 14	56 Jun 4
15,600	102,400	Pet Milk Co common	*	45¾	Sale	44¾	Sale	48	Sale	44⅝ Aug 5	50½ Aug 15	42 May 27	51 Jan 9
20	1,220	4½% preferred	100	99¾	100½	100	101½	100¼	101¼	101 Aug 2	101 Aug 2	99½ Mar 8	101¾ May 20
13,000	104,400	Petrolane Gas Service Inc	1	--	--	25	Sale	24¾	25	24½ Aug 19	25½ Aug 12	23⅝ July 8	28¾ May 2
20,100	123,600	Petroleum Corp of Amer	1	17	Sale	17⅝	Sale	17¾	Sale	17½ Aug 5	18¼ Aug 15	16¼ Feb 12	18⅛ May 1
12,700	138,300	Pfaudler Permutit Inc	5	26	Sale	27¼	Sale	30	Sale	26½ Aug 21	30 Aug 30	24⅞ May 31	30¾ Jun 21
256,800	1,412,500	Pfizer (Chas) & Co	33⅓	47	Sale	48½	Sale	54¾	Sale	47⅝ Aug 5	55½ Aug 29	47 Jan 2	55½ Aug 29
59,100	595,300	Phelps Dodge Corp	12.50	54¾	Sale	62⅜	Sale	62⅛	Sale	59½ Aug 14	62⅞ Aug 6	52¾ Mar 6	62⅞ Aug 6
43,300	536,100	Phila Electric Co common	*	29⅝	Sale	35⅛	Sale	35¾	Sale	35⅛ Aug 1	36⅜ Aug 23	29½ Jan 2	36⅜ Aug 23
700	6,360	4.40% preferred	100	101½	102½	101½	Sale	102¼	Sale	101½ Aug 1	103½ Aug 23	100 Jan 7	105 Mar 1
930	10,470	3.80% preferred	100	87⅞	Sale	89	Sale	90¾	Sale	89 Aug 1	90¾ Aug 30	86⅝ Jan 11	92 Jun 21
300	3,600	4.30% preferred	100	100½	Sale	100	101½	101	Sale	100 Aug 7	101 Aug 30	97 Apr 19	103 Feb 5
200	2,140	4.68% preferred	100	105	106	105	106½	106½	107½	104 Aug 13	106 Aug 21	103 Apr 16	108 July 2
99,100	1,136,100	Phila & Reading Corp NY	50c	35⅞	Sale	34½	Sale	36¾	Sale	33½ Aug 5	38⅝ Aug 26	33⅛ Jan 21	41¾ Apr 24
46,100	540,100	Philip Morris & Co com	5	73½	Sale	73½	Sale	77¼	Sale	72¼ Aug 20	78½ Aug 7	70⅞ July 23	90½ Apr 22
2,460	12,510	4% preferred	100	84¼	85¼	85	Sale	85¼	Sale	84¾ Aug 2	86 Aug 12	84 July 19	91 Feb 14
1,460	4,110	3.90% preferred	100	83	84	83	84	82¾	83¾	82¾ Aug 29	83¾ Aug 29	81¾ Jan 10	88¼ May 6
154,800	2,174,700	Phillips Petroleum Co	5	48½	Sale	51⅝	Sale	53⅜	Sale	51 Aug 2	53⅝ Aug 30	47⅛ Jan 17	55⅞ Jun 7
10,300	112,400	Phillips-Van Heusen Corp	1	19½	Sale	18⅛	Sale	18⅜	Sale	17⅞ Aug 8	18⅞ Aug 27	17¾ Apr 15	21¾ Jan 18
21,700	173,500	Pillsbury Co Inc common	*	52¼	Sale	54½	Sale	56½	56¾	54⅛ Aug 1	58½ Aug 12	51½ Jan 2	64¼ May 20
20	660	$4 preferred	*	99¼	101	99½	101	99½	101	99½ Aug 13	99½ Aug 13	99¼ July 10	102½ Jan 18

For footnotes, see page 29.

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Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
19,300	280,300	Piper Aircraft Corp	1	30	Sale	28½	Sale	29	Sale	27½ Aug 14	30⅛ Aug 22	26¾ July 1	34⅝ May 1
35,400	334,500	Pitney-Bowes Inc	2	40¾	Sale	48	Sale	49¼	Sale	48 Aug 1	53 Aug 12	39 Feb 26	53 Aug 12
10,000	90,900	Pitts Coke & Chemical	10	13½	Sale	15¼	Sale	14⅛	Sale	13½ Aug 21	15⅜ Aug 2	13⅜ Jan 3	17⅜ Jan 8
100	2,060	$5 conv preferred	*	72¾	Sale	82	83½	79	81	80 Aug 26	83½ Aug 8	72¾ Jan 2	86 May 7
600	4,400	4.80% conv preferred	*	69	71	79¾	81½	75½	80	76 Aug 28	81 Aug 6	73 Jan 10	82 May 10
11,600	257,100	Pittsburgh Forgings Co	1	14¾	Sale	19½	19¾	20	Sale	19⅛ Aug 27	20⅜ Aug 6	14½ Jan 2	22½ Jun 21
		Pitts Ft Wayne & Chi Ry—											
230	2,470	7% guaranteed pfd	100	134½	Sale	139½	140½	138½	140	139½ Aug 29	140½ Aug 28	134½ Jan 2	143 May 8
106,300	703,800	Pittsburgh Plate Glass	10	51¾	Sale	56	Sale	57⅝	Sale	55⅝ Aug 1	58¾ Aug 19	51¾ Jan 2	58¾ Aug 19
262,800	1,325,200	Pittsburgh Steel Co com	*	7	Sale	11⅛	Sale	13⅞	Sale	11 Aug 1	14¼ Aug 23	7 Jan 2	14¼ Aug 23
1,810	7,090	5% preferred class A	100	37	38	53	Sale	71	Sale	52½ Aug 1	72½ Aug 28	38 Jan 3	72½ Aug 28
9,600	41,300	5½% 1st ser pr pref	100	40	41	58	Sale	78½	Sale	58 Aug 1	80 Aug 27	41 Jan 3	80 Aug 27
6,400	78,000	Pitts & West Virginia	100	34⅝	Sale	31½	Sale	35	35¾	31 Aug 2	36¼ Aug 23	31 Aug 2	40½ Jan 8
		Pitts Young & Ash Ry—											
40	840	7% non-cum pfd	100	121½	123	132¼	134½	132	134	132 Aug 26	132 Aug 26	122 Jan 17	133 Jun 3
18,200	181,300	Pittston Co common	1	57⅞	58¼	62⅛	Sale	63¾	Sale	61½ Aug 13	64⅜ Aug 29	57⅜ Feb 28	70½ Jun 4
2,180	15,490	$3.50 conv preferred	75	104½	106½	115½	Sale	118½	Sale	114 Aug 9	118½ Aug 23	105¼ Jan 3	130 Jun 5
116,400	357,200	Plough Inc	1.25	31¾	Sale	33¼	Sale	36¾	Sale	33¼ Aug 1	38½ Aug 28	28½ Mar 20	38½ Aug 28
589,900	2,940,500	Polaroid Co	1	142⅜	Sale	169¾	Sale	197⅞	Sale	166⅜ Aug 1	202⅞ Aug 23	120½ May 6	202⅞ Aug 23
10,000	134,600	Poor & Co	10	15⅛	15½	18¼	Sale	18⅜	Sale	17⅛ Aug 13	18½ Aug 28	15½ Jan 3	20⅛ May 27
1,090	9,725	Porter Co 5½% s f pref	100	94	Sale	98	Sale	99¾	Sale	97⅞ Aug 7	100½ Aug 22	93 Jan 14	100½ Aug 22
121,700	‡378,700	Potomac Electric Power	10	—	—	20⅝	Sale	22⅛	Sale	20⅜ Aug 1	22⅝ Aug 26	‡20⅛ July 17	23⅞ Apr 18
78,100	731,500	Procter & Gamble Co	*	71⅜	Sale	72¼	Sale	78¾	Sale	71¾ Aug 2	80 Aug 15	69⅝ Mar 1	79¾ Apr 16
78,900	709,500	Pub Serv Co of Colorado	5	28	Sale	30⅜	Sale	31½	Sale	30¼ Aug 2	32 Aug 29	27½ Jan 2	32⅛ July 10
		Public Serv Elec & Gas—											
49,800	549,600	Common	*	69¼	Sale	75⅛	Sale	76⅝	Sale	73½ Aug 5	79½ Aug 13	68⅞ Jan 2	80 Aug 15
5,700	61,000	$1.40 div pref com	*	30½	Sale	30¾	30⅞	31	Sale	30½ Aug 28	31⅜ Aug 13	30⅛ Jan 2	32½ Feb 18
380	2,780	4.08% preferred	100	97	Sale	91¾	92¾	93½	Sale	92¼ Aug 8	93½ Aug 30	91½ Jan 4	95 Feb 21
640	2,400	4.18% preferred	100	94¾	95	94½	96	94	95½	94¼ Aug 29	96 Aug 19	94¼ Aug 29	97½ Apr 5
1,030	9,560	4.30% preferred	100	91	92	99	Sale	98½	100	98½ Aug 19	100¼ Aug 21	96½ Mar 8	100¼ Aug 21
210	6,640	5.05% preferred	100	108	Sale	107½	108¾	106½	107½	106½ Aug 27	107¾ Aug 27	106½ Aug 27	109¾ Jan 15
840	7,660	5.28% preferred	100	108¾	Sale	109½	110	109⅛	110	109 Aug 28	111 Aug 13	108 May 27	111½ Jan 25
		Public Serv of Indiana—											
15,100	327,300	Common	*	33	Sale	40⅛	Sale	40	Sale	38½ Aug 12	41⅛ Aug 23	32¼ Jan 3	41⅛ Aug 23
630	3,900	3½% preferred	100	76	Sale	77½	Sale	77	78	75½ Aug 21	79 Aug 16	75½ Aug 21	81¾ Jun 14
700	15,810	4.32% preferred	25	24¾	Sale	24⅜	Sale	24¼	Sale	24¼ Aug 30	25¼ Aug 7	24 May 3	25¼ Aug 7
2,100	7,000	4.16% preferred	25	23	24¼	24	25	24	24⅜	24 Aug 13	24 Aug 13	23 Mar 29	24⅛ Jan 22
33,000	217,800	Publicker Industries com	5	6⅛	Sale	6¾	Sale	6⅝	Sale	6⅝ Aug 7	7¼ Aug 13	6 Jan 2	7⅝ May 16
210	1,760	$4.75 preferred	*	84	85	85	86¼	85	86½	85 Aug 15	85½ Aug 19	84 Jan 4	86 May 15
26,600	102,600	Puerto Rican Cement Co	1	—	—	19⅜	Sale	19¼	Sale	18¾ Aug 19	19⅝ Aug 8	18½ July 1	22 May 24
52,800	458,000	Puget Sound Pwr & Lt	10	39⅞	Sale	37	Sale	37¼	Sale	36⅛ Aug 15	37⅞ Aug 13	35 Jun 20	40⅜ Jan 4
62,600	683,800	Pullman Inc	*	24⅛	Sale	27⅜	Sale	28¾	Sale	26¾ Aug 8	29½ Aug 23	23¾ Jan 2	31½ May 14
188,000	1,522,100	Pure Oil Co	5	37½	Sale	44¼	Sale	47	Sale	43⅜ Aug 21	47⅞ Aug 27	36¼ Jan 11	47⅞ Aug 27
13,800	139,800	Purolator Products Inc	1	—	—	71	Sale	73¾	Sale	69½ Aug 5	75¾ Aug 26	64¼ Apr 3	80 Jun 25
29,000	178,900	Quaker Oats (The) com	5	62	Sale	64	Sale	72½	Sale	63½ Aug 2	73½ Aug 28	61¼ Feb 19	73½ Aug 28
5,350	10,440	6% preferred	100	141½	Sale	147½	150	151½	Sale	147¾ Aug 2	151½ Aug 30	141 Jan 2	151½ Aug 30
3,100	43,100	Quaker State Oil Ref Corp	10	27½	Sale	33½	Sale	33¾	34	33⅛ Aug 5	34⅜ Aug 23	27½ Jan 2	34½ Apr 29
309,800	3,379,800	Radio Corp of Amer com	*	57¾	Sale	68½	Sale	72⅞	Sale	67⅛ Aug 5	73 Aug 26	56 Jan 2	74⅜ Jun 13
4,100	69,900	$3.50 1st preferred	*	78¼	Sale	79	Sale	80	80½	78¾ Aug 5	80½ Aug 27	77 Apr 17	82 May 22
169,700	494,100	Ralston Purina Co	2.50	34¾	Sale	32	Sale	33⅞	Sale	31⅜ Aug 7	34⅜ Aug 30	31⅜ Aug 7	40 Jan 24
32,300	243,700	Ranco Inc	2.50	17¼	Sale	17½	Sale	17⅜	Sale	17⅜ Aug 30	18½ Aug 22	15⅛ Feb 26	18½ Aug 22
16,000	159,300	Random House Inc	1	12⅜	Sale	10⅜	Sale	10	Sale	10 Aug 5	10½ Aug 6	9¾ May 17	13½ Jan 7
13,900	‡61,500	Raybestos-Manhattan	*	—	—	40¾	Sale	41½	Sale	38 Aug 9	41¾ Aug 28	‡38 Aug 9	44⅞ May 14
38,900	408,200	Raymond Int'l Corp	3.33⅓	8⅞	Sale	10⅞	Sale	11⅛	Sale	10⅝ Aug 9	11⅞ Aug 14	8⅝ Jan 2	12⅝ May 24
156,700	1,308,200	Rayonier Inc	1	21⅞	Sale	28⅜	Sale	32	Sale	27⅝ Aug 12	32⅝ Aug 29	21½ Jan 2	32⅝ Aug 29
139,000	1,163,000	Raytheon Co	5	28½	Sale	21¼	Sale	21	Sale	19¼ Aug 27	22⅜ Aug 8	19¼ Aug 27	30½ Jan 8
15,200	150,600	Reading Co common	50	7⅞	Sale	9⅝	Sale	11½	Sale	9⅝ Aug 1	11⅝ Aug 29	7½ Jan 21	12¾ May 31
2,300	30,300	4% non-cum 1st pfd	50	15¼	Sale	15⅜	16	16¾	Sale	15⅞ Aug 5	16¾ Aug 15	14⅜ Apr 30	18⅝ May 20
4,000	34,000	4% non-cum 2nd pfd	50	12	Sale	11¼	Sale	13⅜	Sale	11¼ Aug 1	13½ Aug 29	10½ Mar 14	14⅞ May 20
8,600	‡90,800	Red Owl Stores	*	—	—	26	Sale	26¼	Sale	25⅝ Aug 1	27⅜ Aug 12	‡22⅞ Mar 5	29⅝ May 28
4,500	42,000	Reed Roller Bit Co	*	15⅝	Sale	15¾	Sale	14⅞	Sale	14½ Aug 26	15¾ Aug 1	14½ Aug 26	17⅜ Feb 21
32,100	168,500	Reeves Bros Inc	50c	12⅞	Sale	14⅞	Sale	16⅛	Sale	14¼ Aug 7	16⅜ Aug 20	12 Jan 2	16½ July 12
41,200	578,700	Reichhold Chemicals	1	10¾	Sale	12⅛	Sale	12½	Sale	11¼ Aug 21	12½ Aug 30	10 May 8	14 Jun 19
5,500	43,600	Reliable Stores Corp	10	18½	Sale	22⅛	Sale	23⅛	23½	21¾ Aug 16	23⅞ Aug 27	18⅜ Jan 4	23⅞ Aug 27
4,700	81,400	Reliance Electric & Eng Co	5	39½	Sale	42½	Sale	42½	Sale	41¾ Aug 23	44 Aug 6	38⅛ Jan 3	47¾ Jun 17
15,900	229,400	Reliance Mfg Co com	5	14¼	Sale	14⅝	Sale	13⅛	Sale	12⅞ Aug 16	15 Aug 5	12¾ Aug 20	20½ Jan 17
100	2,000	3½% conv pfd	100	53	Sale	60	61½	60	61½	61½ Aug 12	61½ Aug 12	53 Jan 2	69 Jan 17
64,100	766,100	Republic Aviation	50c	16¼	Sale	16	Sale	16	Sale	15⅝ Aug 12	16¼ Aug 8	15½ Jun 27	18½ Feb 26
23,700	294,200	Republic Corp com	50c	6¾	Sale	9½	Sale	9½	Sale	9 Aug 20	9½ Aug 1	6¾ Jan 2	10¼ Apr 19
1,800	24,600	$1 conv preferred	10	14	Sale	15¾	16¼	16¼	Sale	15¾ Aug 16	16¼ Aug 7	14 Jan 2	16¾ May 2
238,400	1,939,500	Republic Steel Corp	10	34⅞	Sale	36½	Sale	39⅞	Sale	36½ Aug 1	40⅜ Aug 23	34¾ Jan 2	41⅜ Apr 16
28,600	211,100	Revere Copper & Brass	5	36⅛	Sale	46⅝	Sale	52¾	Sale	46½ Aug 1	53 Aug 27	36⅛ Jan 2	53 Aug 27
256,800	1,234,800	Revlon Inc	1	40⅜	Sale	41¼	Sale	46¾	Sale	41⅛ Aug 1	49¾ Aug 28	40¼ Jan 2	49¾ Aug 28
104,500	767,500	Rexall Drug & Chem Co	2.50	33	Sale	38	Sale	39¾	Sale	37⅜ Aug 1	41⅞ Aug 23	29 Mar 6	41⅞ Aug 23
214,700	1,914,900	Reynolds Metals Co com	*	23¾	Sale	31⅛	Sale	33¼	Sale	30⅞ Aug 2	34⅞ Aug 26	23⅝ Jan 2	37¼ Jun 11
1,100	52,500	4¾% preferred ser A	50	50	50⅜	51	51½	51¼	Sale	50½ Aug 23	51⅜ Aug 5	49⅝ Jan 8	52⅜ May 21
3,600	65,400	4½% conv 2nd pfd	100	102¼	Sale	106½	Sale	106	Sale	106 Aug 30	108½ Aug 5	102⅛ Jan 3	110 Jan 2
452,900	3,336,200	Reynolds (R J) Tob com	5	41¾	Sale	37½	Sale	41⅜	Sale	37¼ Aug 1	41½ Aug 30	36¾ July 17	47⅜ May 14
800	10,740	3.60% preferred	100	87½	89	87¼	88	87⅝	Sale	87¼ Aug 13	87¾ Aug 20	87 Feb 7	88¼ Feb 8
156,800	762,500	Rheem Mfg Co	1	10½	Sale	14½	Sale	16⅝	Sale	14¼ Aug 1	17⅛ Aug 29	10⅜ Jan 2	17⅛ Aug 29
31,800	599,100	Rhodesian Selection Tr	£	4¼	Sale	5¼	Sale	5⅛	Sale	5 Aug 27	5¼ Aug 1	4¼ Jan 2	6⅛ May 22
102,100	621,800	Richardson-Merrell Inc	1.25	58	Sale	51⅝	Sale	58½	Sale	51⅝ Aug 1	59¼ Aug 30	51 July 30	65¾ Feb 21
279,400	796,800	Richfield Oil Corp	*	39⅝	Sale	42⅝	Sale	50	Sale	41¼ Aug 2	50⅛ Aug 30	39 Jan 2	50⅛ Aug 30
14,700	132,400	Riegel Paper Corp	10	32¾	Sale	29½	Sale	30¼	Sale	28¼ Aug 2	30⅝ Aug 15	28¼ Aug 5	36⅜ Apr 16
10,000	81,900	Ritter Co	2.50	19¼	19¾	27	Sale	29	Sale	26⅜ Aug 13	30 Aug 22	19⅞ Jan 3	30 Aug 22
21,500	187,000	Robertshaw Controls Co	1	24⅝	Sale	23⅝	Sale	25⅛	Sale	23 Aug 1	25⅛ Aug 30	23 Aug 1	28⅜ May 31
35,400	309,300	Rochester Gas & Elec Corp	*	27⅞	—	33¾	Sale	38¼	Sale	33⅝ Aug 5	38¾ Aug 26	27 Jan 3	38¾ Aug 26
12,500	136,600	Rochester Telephone Corp	10	37	37¼	40¼	Sale	43¼	Sale	40¼ Aug 1	43½ Aug 26	37¾ Jan 2	43½ Aug 26
49,200	516,900	Rockwell-Standard Corp	5	34⅛	Sale	42⅛	Sale	42⅞	Sale	42⅛ Aug 1	44¼ Aug 12	34⅛ Jan 2	44¼ Aug 12
		Rohm & Haas Co—											
19,200	174,800	Common	5	114	Sale	133	Sale	131¼	Sale	129½ Aug 8	134⅞ Aug 21	104 Feb 12	137½ May 23
----	1,250	4% preferred ser A	100	113½	115½	96	99½	96	99½	-- ------	-- ------	94 Mar 19	98 July 26
24,800	303,600	Rohr Corp	1	16⅞	Sale	16¼	Sale	15¾	Sale	15⅝ Aug 9	16½ Aug 23	15⅝ Aug 9	17⅞ Jan 9
173,200	573,000	Ronson Corp	1	23⅞	Sale	26¼	Sale	31½	Sale	26¼ Aug 1	31¾ Aug 29	21 Mar 18	31¾ Aug 29
27,400	123,100	Roper (Geo D) Corp	1	19	Sale	38⅛	Sale	41½	Sale	38 Aug 1	44 Aug 12	18⅝ Jan 2	44 Aug 12
20,000	250,400	Royal Crown Cola Co	1	27	Sale	33⅜	Sale	34¾	Sale	33¼ Aug 1	35¼ Aug 19	26⅞ Jan 2	38 Feb 6
403,400	3,860,700	Royal Dutch Petrol Co	20g	43½	Sale	47⅝	Sale	47¼	Sale	46⅞ Aug 8	49 Aug 7	43¼ Jan 2	49¾ May 1
94,300	422,800	Royal McBee Corp	1	9	Sale	9⅜	Sale	11	Sale	9⅛ Aug 1	11¼ Aug 30	8¾ July 22	11¼ Aug 30
8,400	88,200	Rubbermaid Inc	1	12⅝	Sale	11⅝	Sale	12¼	Sale	11⅝ Aug 1	12¼ Aug 30	11½ July 23	13½ Jan 9
23,300	264,800	Ruberoid Co	1	27½	Sale	27⅜	Sale	29½	Sale	27 Aug 5	29½ Aug 30	26⅛ Apr 29	31⅞ Feb 1
17,500	46,700	Ruppert (Jacob)	5	11⅞	12	14	14⅛	19	19¼	14 Aug 2	19¾ Aug 12	11⅝ Jan 21	19¾ Aug 12
18,400	126,900	Ryan Aeronautical Co	*	16⅝	Sale	16⅞	Sale	17⅛	Sale	16¾ Aug 1	17¼ Aug 9	16½ Mar 21	19⅜ Jan 10
87,100	1,249,500	Ryder System Inc	2.50	9¼	Sale	13	Sale	11¾	Sale	11¾ Aug 29	13⅜ Aug 7	9 Jan 2	14 Jun 12
132,400	708,100	Safeway Stores com	1.66⅔	46⅛	Sale	58¼	Sale	62½	Sale	58 Aug 1	62¾ Aug 30	45⅜ Feb 4	62¾ Aug 30
710	10,870	4% preferred	100	93¾	Sale	94⅝	Sale	97½	Sale	94½ Aug 7	98¼ Aug 30	91¼ Apr 22	98¼ Aug 30
----	----	4.30% conv preferred	100	200	360	375	425	375	425	-- ------	-- ------	-- ------	-- ------
73,400	464,500	St Joseph Lead Co	10	25¼	Sale	33¾	Sale	38¾	Sale	33⅝ Aug 2	40¾ Aug 12	25 Jan 7	40⅜ Aug 12
14,200	77,900	St Joseph Lt & Pwr Co	*	19⅝	Sale	20⅝	Sale	20¾	Sale	20 Aug 6	21⅝ Aug 26	19 Jan 10	21⅝ Feb 20
48,100	612,000	St Louis-San Fran Ry com	*	18⅞	Sale	24⅞	Sale	25⅜	Sale	24⅜ Aug 12	26⅜ Aug 15	18¾ Jan 2	26⅝ July 5
3,400	38,900	5% preferred ser A	100	80	80½	90½	Sale	92⅝	94¾	90½ Aug 1	93⅛ Aug 23	79 Jan 8	93⅛ Aug 23
85,400	993,600	St Regis Paper Co	5	26¾	Sale	29⅜	Sale	32½	Sale	28¼ Aug 5	32½ Aug 30	26½ Jan 2	34⅜ Apr 22
19,300	280,400	San Diego Gas & Elec Co	10	35⅜	Sale	37⅛	Sale	37¾	Sale	37 Aug 2	38⅛ Aug 26	35 Jan 2	39⅝ Mar 15
288,500	2,810,800	San Diego Imperial Corp	1	10	Sale	11¾	Sale	13⅜	Sale	11⅝ Aug 20	13¾ Aug 29	10 Jan 2	13¾ Apr 15
30,600	164,400	Sangamo Electric Co	5	11⅞	12	10⅛	Sale	11	Sale	9¾ Aug 21	11¼ Aug 27	9¾ Aug 21	13⅜ Jan 10
56,900	682,900	Schenley Industries Inc	1.40	18½	Sale	20⅞	Sale	21½	Sale	20⅝ Aug 1	22⅜ Aug 15	18½ Jan 2	23⅛ May 21
5,600	72,400	Convertible pref	35c	9¼	Sale	9⅞	Sale	9⅞	10	9⅞ Aug 1	10⅛ Aug 8	9⅛ Jan 15	10¼ Jun 27
177,800	812,400	Schering Corp common	1	39⅝	Sale	36¾	Sale	38¾	Sale	35⅝ Aug 2	38¾ Aug 30	35⅜ July 22	45½ Jan 16
2,600	78,400	5% conv preferred	30	33⅛	Sale	32⅛	32½	32⅞	Sale	32⅛ Aug 12	32⅞ Aug 30	32 July 17	35⅞ Jan 16
42,900	585,600	Schick Inc	1	6⅝	Sale	9¾	Sale	9⅜	Sale	9¼ Aug 13	10¼ Aug 22	6¼ Jan 2	10⅜ July 11
90,800	464,800	Schlumberger (Ltd)	1	66¼	Sale	64½	Sale	62⅝	Sale	61⅛ Aug 23	66⅜ Aug 12	61⅛ Aug 23	75¾ Apr 26
73,900	648,400	SCM Corp common	5	13¾	Sale	10½	Sale	12⅞	Sale	10⅛ Aug 1	13 Aug 29	10⅛ Aug 1	16⅜ Jan 23
7,400	115,000	5½% conv preferred	50	52½	Sale	49¼	Sale	52¾	Sale	48¼ Aug 1	53 Aug 30	48¼ Aug 1	59 Jan 22

For footnotes, see page 29.

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Aggregate Sales in August Shares	Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
212,600	1,314,700	Scott Paper Co common	*	32⅜	Sale	33¾	Sale	38	Sale	33⅛ Aug 1	38¼ Aug 30	31 Mar 15	38¼ Aug 30
110	2,150	$3.40 preferred	*	85½	87	90	91	90	91	90 Aug 13	90 Aug 13	86 Jan 8	92 Apr 5
20	4,170	$4 preferred	*	97	99½	100½	102	101½	103	102 Aug 23	102 Aug 23	97⅛ Jan 9	102 Jan 28
105,900	489,050	Scovill Mfg Co common	25	21⅛	Sale	29	Sale	32¼	Sale	28⅞ Aug 1	32¼ Aug 29	21⅛ Jan 2	32¼ Aug 29
-----	450	3.65% preferred	100	77	78½	78	80	77	80	-- ------	-- ------	77 Jan 18	82 Jun 4
16,300	149,300	Screw & Bolt Corp of Amer	1	4½	Sale	4½	Sale	4½	4⅝	4⅜ Aug 6	4¾ Aug 2	4⅜ Jan 2	5½ Apr 2
41,400	737,300	Seaboard Air Line RR	20	33⅜	Sale	36¾	Sale	38⅝	Sale	36 Aug 1	40 Aug 16	32½ Jan 2	40¼ May 29
48,500	608,100	Seaboard Finance	1	17⅛	Sale	20⅛	Sale	20⅝	Sale	20 Aug 1	21½ Aug 16	17⅛ Jan 2	22¼ Jun 14
14,200	‡36,400	Seagrave Corp (The)	2.50	--	--	11⅛	Sale	10¾	11	10⅝ Aug 29	13¼ Aug 5	‡10¼ July 29	14 Jun 4
29,500	‡118,500	Sealright-Oswego Falls	5	--	--	31⅝	Sale	31¾	Sale	29½ Aug 20	32⅛ Aug 6	‡29½ Aug 20	36¼ Apr 25
140,100	1,280,500	Sears Roebuck & Co	3	76⅜	Sale	88	Sale	94	Sale	87¾ Aug 5	95 Aug 14	74 Jan 17	95 Aug 14
2,300	108,700	Seiberling Rubber Co	1	9½	10	13	Sale	13	Sale	12½ Aug 2	13⅜ Aug 6	9 Mar 6	16 May 20
52,600	434,700	Servel Inc common	1	9¼	Sale	7⅜	Sale	7	Sale	6⅝ Aug 22	7⅝ Aug 1	6⅝ Aug 22	11¼ Jan 22
80	1,150	$5.25 preferred	*	103	105	106	108	105	106½	105 Aug 23	106 Aug 7	103¼ Jan 8	106 Mar 12
38,700	62,100	Servomation Corp	1	--	--	20¼	Sale	20½	Sale	19⅝ Aug 2	20⅞ Aug 6	19⅝ Aug 2	22⅞ July 29
14,400	261,800	SFC Financial Corp	1	--	--	15	Sale	15⅛	Sale	14⅞ Aug 1	15⅜ Aug 19	13½ Jan 24	16½ Jun 7
12,800	138,100	Shahmoon Industries Inc	2.50	9½	Sale	156¼	Sale	18	Sale	16 Aug 1	19½ Aug 27	9½ Jan 2	19½ Aug 27
38,300	354,900	Shamrock Oil & Gas	1	37⅛	Sale	38	Sale	38¾	Sale	38 Aug 1	39½ Aug 23	34½ Jan 30	43½ Apr 22
30,100	272,300	Sharon Steel Corp	*	18¾	Sale	20⅝	Sale	22	Sale	20 Aug 8	22½ Aug 29	18¾ Jan 2	24¼ Apr 16
17,200	188,100	Shattuck (Frank G) Co	*	12	Sale	13¼	Sale	13⅝	Sale	12¼ Aug 5	14 Aug 27	11⅞ Jan 2	17½ May 7
152,400	1,596,000	Shell Oil Co	1	38	Sale	43⅝	Sale	46⅞	Sale	43⅜ Aug 1	47 Aug 30	34⅝ Jan 16	47 Aug 30
32,500	464,600	Shell Transport & Trading N Y shares ordinary		22⅞	Sale	23⅝	Sale	24⅜	Sale	23⅝ Aug 1	24½ Aug 6	22¼ Feb 11	24⅞ May 3
27,900	235,200	Sheller Mfg Corp	1	19¼	Sale	23⅜	Sale	24½	Sale	22¾ Aug 20	24⅝ Aug 30	19¼ Jan 2	25¼ May 23
107,800	685,600	Sheraton Corp of Amer	50c	10⅝	Sale	8⅜	Sale	9⅛	Sale	7⅝ Aug 9	9⅜ Aug 30	7⅝ Aug 8	13⅛ Jan 14
13,100	73,600	Shoe Corp of America	1	16¼	Sale	16¼	Sale	15¾	16	15¾ Aug 15	16½ Aug 9	15¾ Aug 15	19⅛ Feb 18
8,500	126,300	Signode Steel Strapping Co	1	24½	Sale	22⅜	Sale	23¾	Sale	21¾ Aug 9	23⅞ Aug 29	21¼ Jun 20	26½ Jan 28
18,500	201,200	Simmons Co	*	32½	Sale	42	Sale	41¼	Sale	40⅞ Aug 27	43¾ Aug 7	32½ Jan 2	42¼ July 31
10,300	56,200	Simonds Saw & Steel Co	*	28¾	29¼	27½	Sale	27¼	Sale	26½ Aug 7	28½ Aug 13	26½ Aug 7	32¾ Feb 11
29,800	231,500	Simplicity Pattern Co	50c	22¼	Sale	28	Sale	34⅝	Sale	28 Aug 1	36½ Aug 28	22 Jan 7	36½ Aug 28
234,300	1,970,000	Sinclair Oil Corp	5	36	Sale	45⅝	Sale	49⅛	Sale	45¼ Aug 9	49⅝ Aug 30	35½ Jan 2	49⅝ Aug 30
97,200	‡450,700	Singer Co	10	--	--	73⅜	Sale	82½	Sale	73⅜ Aug 1	82½ Aug 30	‡63 Mar 1	82½ Aug 30
71,200	246,300	Skelly Oil Co	25	56	Sale	65	Sale	67¾	Sale	64 Aug 5	69¼ Aug 7	55¾ Jan 3	69¼ Aug 7
25,400	269,400	Smith (A O) Corp	10	23¼	Sale	30	Sale	31¾	Sale	29¾ Aug 1	32½ Aug 20	23 Jan 2	33¾ Jun 12
154,900	976,000	Smith-Douglass Co Inc	5	23¾	Sale	41⅛	Sale	49	Sale	40½ Aug 1	51¼ Aug 13	23⅝ Jan 2	51¼ Aug 13
60,900	513,900	Smith Kline & French Lab	*	64¼	Sale	64	Sale	66½	Sale	63⅝ Aug 1	69¾ Aug 20	60¾ Mar 20	69¾ Aug 20
184,900	1,455,900	Socony Mobil Inc	15	58⅜	Sale	69¼	Sale	73	Sale	68⅛ Aug 1	73⅛ Aug 28	58¼ Jan 2	73⅛ Aug 28
82,700	666,000	Soo Line RR Co	*	11⅞	Sale	21¼	Sale	24⅞	Sale	20¾ Aug 5	25⅝ Aug 29	11⅞ Jan 2	25⅝ Aug 29
16,000	241,000	South Amer Gold & Plat	1	8⅜	Sale	8⅝	Sale	8⅜	Sale	8¼ Aug 14	8⅞ Aug 5	8¼ Jan 4	10¼ Feb 6
10,200	184,800	So Caro El & Gas com	4.50	56½	Sale	56½	Sale	57½	Sale	56¼ Aug 1	60 Aug 20	53¼ Jan 21	61½ Apr 24
500	5,000	5% preferred	50	52	54	53½	Sale	52¾	54	52½ Aug 28	53½ Aug 1	51⅝ Mar 18	54 Feb 4
4,700	67,500	South Jersey Gas Co	2.50	33	Sale	39⅝	Sale	41	Sale	39¼ Aug 7	41¾ Aug 23	32¾ Jan 2	41¾ Aug 23
87,400	1,735,200	South Puerto Rico Sugar	5	29½	Sale	33	Sale	38½	Sale	31½ Aug 5	38⅝ Aug 29	28½ Jan 2	49¾ May 21
2,500	35,500	8% preferred	25	31	Sale	32¼	32¾	33¾	Sale	32½ Aug 6	33¾ Aug 29	30½ Jan 4	25½ Feb 25
17,200	126,900	Southeastern Pub Service	1	23¼	Sale	23	Sale	22¾	Sale	21½ Aug 7	23⅞ Aug 13	21½ Aug 7	27 Feb 18
171,300	1,333,000	Southern Calif Edison	8⅓	30⅞	Sale	31⅝	Sale	33¾	Sale	31¼ Aug 1	34⅜ Aug 16	30 July 18	34⅜ Aug 16
60,500	520,600	Southern Co (The)	5	51½	Sale	55½	Sale	55⅝	Sale	54⅜ Aug 28	56 Aug 2	51⅛ Jan 2	57 May 13
2,300	50,100	Southern Indiana Gas & El	*	50	Sale	54¼	Sale	55¼	56	53½ Aug 1	56 Aug 21	50 Jan 2	57¾ Apr 25
32,400	394,300	Southern Natural Gas	7.50	43	Sale	51⅛	Sale	51½	Sale	51 Aug 1	53½ Aug 9	43 Jan 2	53½ Aug 9
174,000	1,693,100	Southern Pacific Co	*	29⅛	Sale	34½	Sale	36⅛	Sale	34⅜ Aug 1	37⅞ Aug 15	28⅜ Mar 1	37⅞ Aug 15
60,000	544,100	Southern Ry Co common	*	56¾	Sale	61¾	Sale	66¾	Sale	61¾ Aug 1	66⅞ Aug 28	55¼ Mar 6	68 July 10
22,900	145,200	5% non-cum pfd	20	20⅛	Sale	20⅝	Sale	20½	Sale	20½ Aug 2	21¼ Aug 5	19⅞ Feb 5	21⅜ May 3
30	840	Mobile & Ohio Ctfs	100	71¾	74	80	Sale	78	79½	78 Aug 27	80 Aug 1	72 Jan 31	80 Aug 1
16,000	227,200	Southwestern Pub Serv	1	35	Sale	36	Sale	36⅛	Sale	35¾ Aug 2	36¾ Aug 16	33⅜ Mar 1	38⅛ Jun 21
18,100	107,400	Spalding (A G) & Bros Inc	1	15	Sale	17¼	Sale	19⅛	Sale	17⅛ Aug 7	19⅝ Aug 30	15 Jan 2	19⅝ Aug 30
36,500	359,000	Spartans Industries	1	12½	Sale	13	Sale	14¾	Sale	12¼ Aug 13	15 Aug 29	10⅝ Mar 6	15¼ Jun 18
51,400	442,200	Sparton Corp	2.50	7⅛	Sale	9⅞	Sale	10¼	Sale	9⅜ Aug 19	10½ Aug 28	6⅞ Jan 3	10½ July 12
62,900	655,300	Spencer Chemical com	6	29⅜	Sale	29¼	Sale	29⅜	Sale	28 Aug 9	31¼ Aug 13	25⅞ Mar 19	35¾ May 23
170	1,840	4.20% preferred	100	95¾	96½	95⅝	96	95½	96½	95 Aug 6	96½ Aug 2	94¼ May 7	97 Feb 1
811,900	6,533,900	Sperry-Rand Corp com	50c	13¾	Sale	15	Sale	15¾	Sale	13¾ Aug 7	15¾ Aug 30	12⅞ Mar 26	16½ Jun 12
1,220	13,530	$4.50 preferred	25	94	94½	96½	Sale	94	Sale	93¼ Aug 21	97½ Aug 2	93 Apr 24	98½ Feb 7
84,100	908,500	Spiegel Co Inc common	*	25¼	Sale	26⅞	Sale	29⅛	Sale	26¼ Aug 2	29⅝ Aug 26	25 Jan 3	32¼ May 16
260	3,630	$4.50 preferred	*	82¾	Sale	90½	90¾	89	90½	89½ Aug 28	90½ Aug 1	82⅛ Jan 2	90¾ Jun 20
45,000	488,800	Square D Co	5	35⅞	Sale	45	Sale	48½	Sale	44⅛ Aug 14	48½ Aug 30	35⅞ Jan 2	48½ Feb 22
7,600	31,500	Staley (A E) Mfg Co	10	--	--	35	35½	36½	Sale	34⅛ Aug 26	36½ Aug 30	34⅛ Aug 26	43⅛ May 29
27,000	351,100	Standard Brands common	*	64⅛	Sale	70⅛	Sale	73	Sale	70⅛ Aug 1	73¼ Aug 23	64 Jan 2	76 July 5
530	9,240	$3.50 preferred	*	83	Sale	83¾	Sale	84	85	83⅝ Aug 27	85¼ Aug 6	81 Jan 22	85¾ Apr 15
115,300	698,700	Standard Kollsman Ind Inc	1	18⅞	Sale	13½	Sale	14¼	Sale	12½ Aug 13	15 Aug 15	12½ Aug 13	20½ Feb 14
		Standard Oil Co—											
222,500	1,343,900	California common	6.25	63	Sale	66¼	Sale	66¼	Sale	65½ Aug 20	67⅞ Aug 6	61¼ Feb 28	69¼ Apr 24
12,900	76,400	$3.30 conv preferred	*	95½	Sale	96½	Sale	95	Sale	93¾ Aug 12	96⅝ Aug 1	93 Feb 13	98¼ Apr 9
176,800	1,445,600	Indiana	25	48¼	Sale	61⅞	Sale	65⅛	Sale	61⅜ Aug 1	65⅞ Aug 16	46⅝ Jan 2	65⅞ Aug 16
436,700	4,502,800	New Jersey	7	59½	Sale	70	Sale	71½	Sale	69⅛ Aug 1	71⅞ Aug 6	58⅜ Jan 2	71⅞ Aug 6
21,300	235,200	Ohio common	10	53¼	Sale	65¾	Sale	66¾	Sale	63½ Aug 27	67¾ Aug 12	52⅝ Jan 2	70⅝ May 13
1,200	4,500	3¾% pfd series A	100	89½	91½	93¼	Sale	93	94	93¼ Aug 1	93½ Aug 26	90 Jan 22	93½ Aug 26
72,400	679,300	Standard Pckg Corp com	1	14¾	Sale	13⅝	Sale	14	Sale	12⅝ Aug 9	14¼ Aug 30	12⅛ July 23	16¼ Feb 26
800	7,900	$1.60 conv preference	20	49½	Sale	46	48	49⅞	Sale	45¾ Aug 22	49⅞ Aug 30	45¾ Aug 22	53½ Jan 9
7,200	114,900	$1.20 conv preference	20	24¾	Sale	23	Sale	23½	Sale	22¾ Aug 2	23½ Aug 16	22⅛ Jun 26	26 Jan 17
10,100	124,200	6% conv preferred	20	25⅛	25½	23¾	Sale	24⅜	Sale	23⅝ Aug 14	24⅜ Aug 30	23 May 24	27½ Jan 29
40,400	202,400	Standard Pressed Steel Co	1	12¾	Sale	11½	Sale	14⅛	Sale	11⅜ Aug 1	14⅝ Aug 29	11⅜ July 18	16⅜ Jan 24
39,500	277,400	Stanley Warner Corp	5	21⅛	Sale	21½	Sale	23¼	Sale	21⅛ Aug 14	23⅝ Aug 29	20½ Mar 25	24¾ May 24
45,100	265,100	Stanray Corp	1	7¼	Sale	9⅜	Sale	10¼	Sale	9¼ Aug 1	10⅝ Aug 23	7¼ Jan 2	10⅝ Aug 23
2,000	20,100	Starrett Co (The) L S	*	31	32	30½	31	30¾	31	30¾ Aug 2	31¾ Aug 12	29 Mar 18	31¾ Aug 12
85,400	502,900	Stauffer Chemical com	5	35¾	Sale	31⅞	Sale	35½	Sale	31⅝ Aug 8	36¾ Aug 19	31⅝ July 23	38⅝ Jan 15
80	320	3½% preferred	100	83¼	84	82	84	83	84	82 Aug 7	83 Aug 23	82 Aug 7	85 Feb 27
4,400	29,400	Sterchi Bros Stores Inc	1	16⅛	Sale	14	Sale	13½	Sale	13⅛ Aug 30	14 Aug 1	13⅛ Aug 30	17¼ Feb 6
133,900	‡306,500	Sterling Drug Inc	2.50	--	--	26¾	Sale	29⅛	Sale	26⅜ Aug 6	29½ Aug 16	‡24⅝ July 23	29½ Aug 16
48,200	602,400	Stevens (J P) & Co Inc	15	30⅜	Sale	36⅛	Sale	36⅜	Sale	35¼ Aug 16	38¼ Aug 2	29½ Jan 18	38¼ Aug 2
16,300	275,100	Stewart-Warner Corp	2.50	30¼	Sale	35⅜	Sale	34⅛	Sale	34 Aug 19	35½ Aug 1	29¼ Feb 25	37¼ Jun 5
54,100	378,000	Stokely-Van Camp com	1	18⅜	Sale	20⅛	Sale	23	Sale	19¾ Aug 2	23 Aug 28	17¾ Jan 11	24¼ Jan 25
3,400	45,400	5% prior preference	20	18¾	19	20¼	20½	20½	Sale	20¼ Aug 2	21 Aug 20	18¾ Jan 11	21 Aug 20
26,500	170,300	Stone & Webster Inc	1	51	Sale	56	Sale	61½	Sale	56 Aug 1	62 Aug 29	50⅛ Mar 20	62 Aug 29
6,700	61,900	Stone Container Corp	1	15¾	Sale	14½	Sale	16¾	Sale	14⅜ Aug 6	16¾ Aug 22	14¼ July 12	18⅜ Jan 11
55,000	245,600	Storer Broadcasting Co	1	31⅛	Sale	38	Sale	43½	Sale	37½ Aug 1	45⅜ Aug 29	31 Jan 2	45⅜ Aug 29
7,300	86,400	Stouffer Foods Corp	1.25	23⅝	Sale	32⅛	Sale	31⅞	Sale	30½ Aug 16	32½ Aug 5	23½ Jan 2	34¾ May 14
534,100	4,612,500	Studebaker Corp	1	6¼	Sale	6⅝	Sale	7⅜	Sale	6⅜ Aug 1	7½ Aug 30	5⅞ May 17	8 Feb 14
30,800	265,900	Suburban Gas	1	17½	Sale	18⅛	Sale	18¾	Sale	17¾ Aug 1	18⅞ Aug 30	17½ Jan 2	21½ Apr 16
23,300	236,610	Suburban Propane Gas	1	25⅛	Sale	29⅜	Sale	29¼	Sale	27⅜ Aug 20	29⅝ Aug 1	25⅛ Jan 2	31⅜ May 14
5,400	92,700	SuCrest Corp	1	18½	19	21⅞	22⅜	23	Sale	22⅜ Aug 2	24¼ Aug 5	18⅝ Jan 3	28½ May 21
18,800	184,600	Sunbeam Corp	1	43¼	Sale	53½	Sale	54¼	Sale	52½ Aug 21	54⅜ Aug 14	41⅛ Jan 4	55¼ Jun 25
19,800	355,100	Sunstrand Corporation	5	23	Sale	24¼	Sale	24¼	Sale	22⅜ Aug 21	24⅞ Aug 2	21½ Jan 2	28⅛ May 23
10,300	120,300	Sun Chemical Corp com	1	8¾	Sale	8⅞	Sale	9⅛	Sale	8⅞ Aug 1	9⅛ Aug 13	8¾ Jan 2	10¼ Feb 5
30	2,480	$4.50 preferred series A	*	84	86	95½	97½	94	96	95½ Aug 6	95½ Aug 6	85 Jan 7	98½ May 10
19,200	205,600	Sun Oil Co	*	44½	Sale	50½	Sale	51⅛	Sale	50⅛ Aug 22	52½ Aug 7	43½ Jan 3	52½ Aug 7
444,600	5,901,800	Sunray DX Oil Co	1	25½	Sale	34¾	Sale	34¼	Sale	34⅛ Aug 30	36⅜ Aug 5	25¼ Jan 2	36⅜ Aug 5
21,800	‡76,800	Sunshine Biscuits	6.25	--	--	51	Sale	52	Sale	50½ Aug 6	52⅜ Aug 21	‡50½ Aug 6	56⅜ May 2
50,700	622,200	Sunshine Mining Co	10c	7¾	Sale	11⅜	Sale	10⅝	Sale	10⅝ Aug 28	12 Aug 7	7¾ Jan 2	12¼ Jun 12
4,350	56,590	Superior Oil Co (Calif)	25	1087	Sale	1348	Sale	1410	Sale	1338 Aug 1	1433 Aug 28	1045 Jan 21	1559 May 14
3,200	50,100	Sweets Co of Am	1.38 8/9	15¾	Sale	18	18¼	18	Sale	17½ Aug 29	18 Aug 2	15⅝ Jan 2	20 May 1
47,900	563,600	Swift & Co	25	40¾	Sale	40⅝	Sale	40⅛	Sale	39¼ Aug 8	40¾ Aug 1	38⅝ July 18	44⅜ Apr 10
49,900	360,000	Swingline Inc class A	1	31⅛	Sale	36	Sale	39⅛	Sale	35¾ Aug 1	40 Aug 29	29⅝ Apr 2	40 Aug 29
95,500	621,000	Symington-Wayne Corp	1	15½	Sale	17½	Sale	19	Sale	17⅜ Aug 1	19¼ Aug 15	15⅜ Jan 2	19⅜ Jun 14
20,900	257,300	Taft Broadcasting Co	1	17⅞	Sale	25	Sale	26	Sale	22⅛ Aug 27	26¼ Aug 30	17⅞ Jan 2	28¼ May 20
22,000	552,900	Talcott (James) Inc	4.50	40⅛	Sale	32⅛	Sale	32	Sale	31¼ Aug 16	33⅛ Aug 14	31⅛ July 22	42¼ Jan 18
20,400	57,700	Talon Inc	5	--	--	42¾	Sale	48⅜	Sale	42½ Aug 1	48½ Aug 30	$30¾ Jan 4	48½ May 9
13,100	138,900	Tandy Corp	1	6¾	Sale	6¾	Sale	6⅛	Sale	6⅛ Aug 30	6¾ Aug 1	5⅓ July 12	7¾ Jan 25
126,200	227,300	Technical Material	12½c	--	--	24	Sale	22¾	Sale	18¾ Aug 21	24⅛ Aug 1	¶18¾ Aug 21	29½ Jan 23
26,500	209,800	TelAutograph Corp	1	5⅞	Sale	4⅝	Sale	5¾	Sale	4⅝ Aug 1	5¾ Aug 7	4⅜ July 22	7⅜ Jan 25
400,700	2,833,500	Tennessee Gas Trans Co	5	18	Sale	20	Sale	20⅜	Sale	20 Aug 1	20⅜ Aug 16	17¾ Jan 2	21½ Apr 30
183,500	2,267,800	Texaco Inc	12.50	61½	Sale	72	Sale	73	Sale	71 Aug 2	74½ Aug 28	59½ Jan 7	74½ Aug 28

For footnotes, see page 29.

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Aggregate Sales in August Shares	Aggregate Sales Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST — Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
106,000	999,600	Texas Eastern Transmn	3.50	16½	Sale	18¼	Sale	19⅛	Sale	18⅛ Aug 6	19¼ Aug 28	16¼ Jan 2	19¼ Aug 30
29,200	158,900	Texas Gas Transmission	5	41½	41⅞	45	Sale	46½	Sale	45 Aug 2	48 Aug 14	41¼ Mar 4	49¼ May 22
228,400	2,555,700	Texas Gulf Producing	33⅓	41⅝	Sale	57	Sale	60½	Sale	56⅞ Aug 1	60⅞ Aug 30	41⅝ Jan 2	62¼ Jun 11
303,900	1,856,800	Texas Gulf Sulphur	*	14⅜	Sale	14⅞	Sale	15⅝	Sale	14⅞ Aug 1	16¼ Aug 13	13¾ Mar 26	16⅝ Apr 24
193,000	1,571,800	Texas Instruments Inc	1	63¾	Sale	75¼	Sale	85½	Sale	73¾ Aug 1	87⅞ Aug 26	57 Apr 5	89½ Jun 4
53,900	1,122,700	Texas Pacific Coal & Oil	10	48⅞	Sale	65⅝	Sale	66⅜	Sale	65⅜ Aug 2	66⅞ Aug 8	47⅝ Jan 2	66⅞ Aug 8
228,200	509,400	Texas Pacific Land Trust Sub shares	1	17⅜	17¾	22¼	Sale	27¾	Sale	22 Aug 16	29⅞ Aug 27	17½ Jan 3	29⅞ Aug 27
64,900	779,300	Texas Utilities Co	*	51½	Sale	52¾	Sale	57	Sale	52½ Aug 1	57¾ Aug 30	50½ Jan 24	57¾ Aug 30
124,900	1,139,900	Textron Inc common	50c	30	Sale	35½	Sale	38⅝	Sale	35 Aug 1	39¼ Aug 14	29½ Mar 21	39¼ Aug 14
5,200	44,700	$1.25 conv preferred	*	32	Sale	37¼	Sale	41	Sale	37¼ Aug 1	41¾ Aug 14	32 Jan 2	41¾ Aug 14
31,100	469,700	Thatcher Glass Mfg	5	25⅝	Sale	29⅞	Sale	29⅝	Sale	28½ Aug 9	31¾ Aug 16	25⅝ Jan 2	35¼ Apr 30
116,100	1,225,200	Thiokol Chemical Co	1	28⅛	Sale	20¾	Sale	22½	Sale	20¼ Aug 7	22¾ Aug 30	19⅝ July 22	30⅞ May 31
7,500	86,200	Thomas & Betts Co	1	28½	Sale	26¾	Sale	27	Sale	26½ Aug 7	27⅜ Aug 6	26 July 26	29¾ Apr 11
1,100	13,800	Thompson (John R)	7.50	11	11½	11⅝	Sale	11	Sale	11 Aug 30	11⅝ Aug 1	10⅝ July 26	14 Feb 18
32,300	392,500	Thompson-Ramo Wooldridge Common	5	52¾	Sale	53⅝	Sale	54⅜	Sale	50¾ Aug 26	54⅜ Aug 30	50⅛ Mar 20	60⅛ May 8
110	5,720	4% preferred	100	88½	89½	90	91½	90	91	91½ Aug 1	92½ Aug 9	89½ Jan 11	93¼ May 27
5,000	34,000	Thor Power Tool Co	*	29¼	29⅝	31⅜	Sale	29½	29¾	29¼ Aug 21	31⅜ Aug 1	29¼ Aug 21	33⅜ Feb 13
74,600	1,037,700	Tidewater Oil Co com	10	22⅛	Sale	26⅜	Sale	26¼	Sale	25 Aug 20	27 Aug 7	19⅝ Mar 4	28 July 12
25,500	122,600	$1.20 preferred	25	25	Sale	25⅜	Sale	25	Sale	25 Aug 16	25½ Aug 1	24¾ Mar 13	25⅝ Mar 20
35,600	371,600	Timken Roller Bearing	*	53⅝	Sale	64½	Sale	69¼	Sale	64½ Aug 1	69⅝ Aug 19	53⅝ Jan 2	69⅞ July 5
10,800	125,400	Tishman Realty & Const	1	18	Sale	18	Sale	18	18⅜	17⅛ Aug 16	18¼ Aug 28	16⅞ Apr 26	20 Jan 3
35,900	296,900	Toledo Edison Co (The)	5	26½	Sale	29⅛	Sale	30¼	Sale	29⅛ Aug 1	30⅜ Aug 29	25¾ Mar 1	30⅜ Aug 29
10,500	79,700	Torrington Co	*	58⅛	58½	68½	Sale	68¾	Sale	66 Aug 22	69¾ Aug 13	58¼ Jan 3	73¾ July 3
20,300	251,400	Tractor Supply Co	1	20⅜	Sale	22½	Sale	22⅝	Sale	21¾ Aug 21	23½ Aug 23	20¼ Jan 2	29¾ May 1
24,200	139,200	Trane Co (The)	2	68	Sale	70	Sale	70¾	Sale	69¾ Aug 2	72½ Aug 15	65½ Feb 8	76¾ Apr 24
82,000	674,100	Transamerica Corp com	2	45	Sale	52	Sale	54½	Sale	52 Aug 1	54⅞ Aug 16	44½ Jan 3	54⅞ Aug 16
6,500	65,100	4½% conv preferred	100	136	Sale	153½	155½	160⅛	Sale	155 Aug 2	160½ Aug 16	133½ Feb 4	160½ Aug 16
75,800	633,600	Transitron Electronic Corp	1	6⅞	Sale	4⅝	Sale	4⅝	Sale	3⅞ Aug 8	4⅞ Aug 30	3⅞ Aug 8	7¾ Jan 24
79,300	386,000	Transwestern Pipeline Co	1	9⅞	Sale	10⅛	Sale	11	Sale	10⅛ Aug 1	12⅜ Aug 5	9⅜ Mar 1	12⅜ Apr 3
275,400	969,600	Trans World Airlines Inc	5	10½	Sale	18⅛	Sale	23	Sale	18 Aug 1	23⅜ Aug 30	10¼ Jan 31	23⅜ Aug 30
40,700	352,000	Trans-World Financial Co	1	17⅝	Sale	16¾	Sale	18⅜	Sale	16 Aug 2	18⅞ Aug 29	16 July 29	22½ Apr 15
35,700	383,800	Tri-Continental Corp com	1	42¾	Sale	46	Sale	48⅛	Sale	45⅜ Aug 8	48⅛ Aug 29	42⅜ Mar 4	48⅜ Jun 3
11,900	36,900	$2.50 preferred	50	--	--	54⅛	Sale	54⅝	54⅞	54⅛ Aug 1	54⅞ Aug 16	53⅝ July 8	55¾ May 13
80,200	655,000	Tung-Sol Electric Co com	1	14¾	Sale	19⅝	Sale	16⅞	Sale	16 Aug 6	20⅜ Aug 1	14¾ Jan 2	28⅜ May 15
3,100	21,700	5% pfd series of 1957	50	45¼	49½	47¾	Sale	42⅝	42⅞	43⅜ Aug 15	47¾ Aug 1	43⅜ Aug 15	50 July 1
191,100	1,546,100	20th Century-Fox Film	1	20¼	Sale	29	Sale	33	Sale	28¾ Aug 1	33¾ Aug 29	20 Jan 2	37 Jun 3
7,400	87,100	Twin Industries Corp	1	10	Sale	7½	7¾	8¼	Sale	7⅜ Aug 5	8¼ Aug 30	7¼ July 16	11 Jan 22
23,600	418,300	Udylite Corp (The)	1	17⅛	Sale	20⅛	Sale	21½	Sale	19¾ Aug 2	21¾ Aug 30	17⅛ Jan 2	23½ Apr 18
76,100	272,000	Unarco Industries	5	--	--	13	Sale	15	Sale	11⅜ Aug 20	15¼ Aug 28	8⅛ Jan 3	15¼ Aug 28
120,500	618,600	Unilever Ltd Am dep rcts ord		22⅛	Sale	22¾	Sale	26⅝	Sale	22¾ Aug 1	27½ Aug 26	21½ Jan 29	27½ Aug 26
88,600	560,100	Unilever N V ord shs	20g	38⅜	Sale	44¾	Sale	49½	Sale	44⅝ Aug 1	50 Aug 14	38 Jan 2	50 Aug 14
66,200	523,100	Union Bag-Camp Paper	6⅔	34⅝	Sale	36	Sale	40⅜	Sale	35⅜ Aug 1	40¾ Aug 29	34 July 1	41½ May 24
104,600	1,115,800	Union Carbide Corp	*	101¼	Sale	105½	Sale	109½	Sale	105¼ Aug 1	109¾ Aug 30	100¾ Jan 2	112¾ Feb 4
73,000	‡330,700	Union Electric Co com	5	--	--	27⅛	Sale	28⅞	Sale	27 Aug 1	29¼ Aug 23	‡26¾ July 1	29¼ Aug 23
1,230	11,280	$4.50 preferred	*	100	Sale	101¾	Sale	101	Sale	100½ Aug 29	102¾ Aug 9	100 Jan 2	102¾ May 17
60	330	$3.70 preferred	*	82½	83½	83½	85½	84	85½	84½ Aug 26	84½ Aug 26	82½ May 23	84½ Aug 26
430	5,440	$3.50 preferred	*	77½	78½	78	Sale	79	80	77½ Aug 1	79 Aug 26	75⅝ Jan 25	82 Mar 14
180	2,860	$4.00 preferred	*	91½	93	92½	93½	91	Sale	91 Aug 30	93 Aug 9	91 Aug 30	95 Jan 14
95,200	688,000	Union Oil of California	25	63⅛	Sale	74¼	Sale	82⅜	Sale	74⅛ Aug 1	83⅞ Aug 29	59⅝ Jan 25	83⅞ Aug 29
129,700	1,287,300	Union Pacific RR com	10	33¼	Sale	39⅜	Sale	40⅜	Sale	39⅛ Aug 15	40¾ Aug 29	33¼ Jan 2	42 May 21
85,200	464,200	4% preferred	10	8¾	Sale	9½	Sale	9⅝	Sale	9⅜ Aug 14	9⅝ Aug 2	8¾ Jan 2	9⅝ July 29
33,500	629,200	Union Tank Car Co	*	27¼	Sale	32⅝	Sale	33⅝	Sale	32¼ Aug 1	34⅛ Aug 26	26⅝ Jan 2	35⅜ Jun 12
8,600	80,400	Union Twist Drill Co	5	23⅝	Sale	25⅝	Sale	26⅛	26⅝	25 Aug 1	27⅞ Aug 7	23½ Jan 2	32⅝ Jun 4
167,400	1,179,400	United Air Lines Inc	10	32¼	Sale	38⅝	Sale	39⅞	Sale	37¾ Aug 21	40¾ Aug 14	31¼ Jan 3	43⅜ Jun 24
101,300	675,600	United Aircraft common	5	51⅜	Sale	44¼	Sale	45	Sale	42¾ Aug 13	45⅞ Aug 7	42¾ Aug 13	53⅞ Jan 8
1,459,200	1,459,200	Rights		--	--	--	--	--	--	1/16 Aug 6	1/8 Aug 19	7/16 Aug 6	1/8 Aug 19
----	2,700	4% cv pfd (1955 ser)	100	107½	Sale	99	105	100	101	-- ------	-- ------	101 Jun 28	112 Jan 18
9,100	28,900	4% cv pfd (1956 ser)	100	102½	Sale	93	Sale	89	90	86½ Aug 20	93¼ Aug 1	86½ Aug 20	102½ Jan 2
292,400	717,900	United Artists Corp	1	28	Sale	24	Sale	20	Sale	17¾ Aug 20	24 Aug 1	17¾ Aug 20	32 Feb 21
29,000	332,600	United Biscuit Co of Amer	*	39¾	40¼	31¼	Sale	33	Sale	31⅛ Aug 1	33⅝ Aug 23	30¼ May 1	40¾ Jan 10
1,600	126,900	United Board & Carton	*	--	--	18⅞	19¼	19	19⅞	18 Aug 22	19¾ Aug 29	18 Aug 22	31 Jan 10
8,600	142,300	United-Carr Fastener	2.50	30	30½	35¼	Sale	36¼	37	34½ Aug 7	38⅜ Aug 27	29 Jan 28	38⅜ Aug 27
61,500	774,000	United Corp (Del)	1	8⅛	Sale	8⅜	Sale	8¾	Sale	8¼ Aug 1	8⅞ Aug 30	8 Jan 2	8⅞ Aug 30
3,600	27,900	United Electric Coal Cos	5	54¼	Sale	48	Sale	50½	51	47¾ Aug 2	52 Aug 29	46½ Jun 11	59 Jan 21
17,800	156,800	United Eng & Foundry	5	18	Sale	18⅛	Sale	18	Sale	17¾ Aug 16	18⅝ Aug 8	17¾ Aug 16	20 Jan 30
103,100	756,400	United Financial Corp	1	21⅝	Sale	24¾	Sale	29	Sale	24 Aug 1	29 Aug 30	20½ Mar 19	29 Aug 30
118,400	1,107,800	United Fruit Co	*	21⅞	Sale	25¼	Sale	24¾	Sale	24⅛ Aug 14	25⅜ Aug 7	21⅞ Jan 2	30⅛ Apr 22
89,800	822,200	United Gas Corp	10	36¾	Sale	38⅝	Sale	39	Sale	38¼ Aug 27	39½ Aug 15	35⅛ Mar 14	39¾ May 3
10,600	134,500	United Gas Improvemt	4.50	21¼	Sale	24¼	Sale	25½	25⅞	24⅛ Aug 5	26 Aug 26	21¼ Jan 2	27⅝ May 23
26,400	165,000	United Greenfield Corp	10	19	Sale	20⅝	Sale	20¼	Sale	19¼ Aug 23	20⅞ Aug 1	19 Jan 2	23¾ May 16
67,800	533,100	United Merch & Mfgs	1	17¾	Sale	17¾	Sale	18⅜	Sale	17⅛ Aug 12	18⅝ Aug 30	17⅛ Aug 12	19⅞ Jan 30
51,200	309,900	United Park City Mines	1	1⅛	Sale	1¼	Sale	1¼	Sale	1¼ Aug 1	1½ Aug 13	1⅛ Jan 2	1½ Apr 5
33,200	289,800	United Shoe Machinery	25	47¼	Sale	49	Sale	49¼	Sale	48¼ Aug 7	52 Aug 15	47⅛ July 15	55⅜ Feb 21
930	12,420	6% preferred	25	33½	34	34½	Sale	34¾	Sale	34½ Aug 1	35½ Aug 28	33¼ Jun 28	36 Mar 18
34,600	284,000	U S Borax & Chem com	1	24¾	Sale	28¾	Sale	30⅛	Sale	28¼ Aug 2	31¼ Aug 23	24¾ Jan 2	32¼ May 23
370	2,140	4½% preferred	100	98¼	99	99¼	101	99½	Sale	99 Aug 13	100 Aug 23	98¼ Jan 4	100 July 19
19,200	114,500	U S & Foreign Securities	1	26⅜	Sale	31	Sale	33	Sale	31 Aug 1	33⅛ Aug 23	26 Jan 3	33⅛ Aug 23
52,000	403,100	U S Freight Co	*	39	Sale	41	Sale	45⅞	Sale	40½ Aug 1	46 Aug 29	36¼ Feb 11	46⅜ May 23
27,400	443,800	U S Gypsum common	4	73¾	Sale	85¾	Sale	87¾	Sale	85 Aug 1	89 Aug 22	73 Jan 2	89 Aug 22
350	2,640	7% preferred	100	160½	162	165	166½	165½	166½	163½ Aug 5	166 Aug 23	161½ Jan 4	171 Apr 3
78,000	940,500	U S Industries Inc com	1	13½	Sale	9¾	Sale	10⅛	Sale	9⅜ Aug 16	10⅛ Aug 23	9½ July 30	15¾ Jan 29
----	3,400	4½% pfd series A	50	45½	48	47	49	47	48½	-- ------	-- ------	45½ Feb 19	50¼ May 9
18,200	158,500	U S Lines common	1	39¾	40	45	Sale	45⅜	Sale	43⅜ Aug 5	45½ Aug 30	39⅝ Jan 4	49¾ Jun 7
1,100	6,100	4½% preferred	10	8½	8¾	9¼	9¾	10	Sale	9⅛ Aug 20	10 Aug 30	8⅝ Jan 3	10 May 1
75,400	612,600	U S Pipe & Foundry Co	5	15⅛	Sale	18⅜	Sale	19⅝	Sale	18⅜ Aug 1	20¼ Aug 16	15⅛ Jan 2	20¼ Aug 16
9,500	97,900	U S Playing Card	5	25	Sale	25¼	Sale	25⅝	Sale	25⅛ Aug 27	26½ Aug 7	24¾ Jan 4	27⅝ Feb 4
43,400	364,100	U S Plywood Corp com	1	44⅜	Sale	58	Sale	59¾	Sale	58 Aug 1	60⅜ Aug 26	42¾ Jan 3	60⅜ Aug 26
----	960	3¾% pfd series A	100	82½	Sale	87½	90	89	91	-- ------	-- ------	81½ Jan 4	89½ Jun 14
108,100	763,200	U S Rubber Co common	5	40¾	Sale	44⅞	Sale	49⅝	Sale	44¾ Aug 2	49⅞ Aug 26	40¼ Jan 2	49⅞ Aug 26
3,150	39,670	8% non-cum 1st pfd	100	161¾	Sale	165¼	Sale	166	Sale	164½ Aug 21	168 Aug 8	161¾ Jan 2	170 May 9
9,300	93,300	U S Shoe Corp	*	29¼	Sale	30¾	Sale	33¼	Sale	30½ Aug 1	33⅜ Aug 29	26⅞ May 28	33⅜ Aug 29
489,300	5,167,400	U S Smelting Ref & Mng	50	48⅞	Sale	86⅜	Sale	96⅛	Sale	84 Aug 1	96⅜ Aug 30	48⅛ Jan 2	96⅜ Aug 30
15,100	413,000	7% preferred	50	58½	Sale	68¾	Sale	69	Sale	66¼ Aug 21	69⅜ Aug 30	56 Jan 10	71½ Feb 20
663,700	6,620,200	U S Steel Corp com	16⅔	44⅛	Sale	46½	Sale	51¾	Sale	46⅛ Aug 8	52 Aug 29	43½ Jan 2	54 Apr 16
10,200	104,000	7% preferred	100	150	Sale	153½	Sale	153½	Sale	152 Aug 15	153½ Aug 1	150 Jan 2	157⅜ Mar 28
15,500	172,000	U S Tobacco Co common	*	26⅞	Sale	28¼	Sale	28⅝	Sale	27⅝ Aug 19	29 Aug 5	26⅜ Jan 2	31⅝ May 14
160	5,940	7% non-cum preferred	25	38½	39	40⅜	40½	40⅜	Sale	40⅜ Aug 12	40½ Aug 5	38½ Jan 4	40½ Aug 5
51,300	242,200	U S Vitamin & Pharmactl	1	23⅝	Sale	24	Sale	29	Sale	23⅞ Aug 5	29¾ Aug 30	23⅛ Feb 25	29¾ Aug 30
28,900	238,000	United Utilities	5	--	--	38⅜	Sale	38⅞	Sale	37⅝ Aug 26	39¼ Aug 2	35¾ Apr 18	41¾ May 7
47,600	155,100	United Whelan Corp	30c	6⅜	Sale	6	Sale	7	Sale	6 Aug 1	7¼ Aug 27	6 May 6	8½ Jan 25
29,900	393,800	Universal American Corp	25c	7¾	Sale	7½	Sale	6⅞	Sale	6⅞ Aug 16	7⅝ Aug 1	6⅞ Aug 16	9⅛ Feb 14
13,100	27,800	Conv preferred	5	39	39¾	40	Sale	40½	41⅜	39½ Aug 2	41 Aug 23	38½ Jan 28	41 Aug 23
29,000	325,200	Universal Cyclops Steel	1	24¾	Sale	27½	Sale	27⅝	Sale	26⅛ Aug 7	29½ Aug 23	24¾ Jan 2	33⅞ Apr 15
20,100	132,300	Universal Leaf Tob com	*	37	Sale	37	Sale	39¾	Sale	36¾ Aug 8	40 Aug 30	34¾ Mar 1	40 Aug 30
230	2,630	8% preferred	100	160¼	162	163½	165	163	Sale	162½ Aug 29	165 Aug 16	160¼ Jan 3	166 July 17
137,700	1,750,200	Universal Match Corp	2.50	13⅞	Sale	16⅜	Sale	16⅞	Sale	15¾ Aug 7	18 Aug 26	13¼ Apr 4	20⅜ Jun 13
138,300	1,586,300	Universal Oil Products Co	1	39⅛	Sale	34	Sale	36⅞	Sale	33⅛ Aug 8	37¾ Aug 30	28⅜ Apr 3	42¾ Jan 8
104,900	714,900	Upjohn Co	1	32¾	Sale	40⅞	Sale	44½	Sale	40 Aug 12	44½ Aug 29	32¾ Jan 2	44½ Aug 29
28,400	191,400	Uris Buildings Corp	10c	--	--	20½	Sale	19⅝	Sale	19⅝ Aug 12	21¼ Aug 21	16¾ Mar 20	24⅜ Jun 18
38,900	294,000	Utah Power & Light	12.80	38¼	Sale	38⅛	Sale	38⅛	Sale	37½ Aug 14	38⅜ Aug 6	37⅜ Jan 10	41¾ Apr 4
10,100	80,300	Vanadium-Alloys Steel Co	5	28	28⅝	32	32⅞	33⅞	Sale	31½ Aug 6	34⅝ Aug 22	28⅜ Jan 3	36⅞ Apr 16
25,700	240,100	Vanadium Corp of Amer	1	13⅛	Sale	13	Sale	13⅝	Sale	13 Aug 2	14⅜ Aug 14	12½ Mar 20	15¼ Feb 14
8,200	65,100	Van Raalte Co	10	28	Sale	28½	28¾	28⅛	Sale	27¼ Aug 6	28¾ Aug 2	26⅜ Mar 1	30⅜ Jun 4
165,000	1,112,600	Varian Associates	1	33½	Sale	17¾	Sale	18	Sale	16½ Aug 7	18¾ Aug 26	16½ Aug 7	37⅛ Jan 14
197,000	859,600	Vendo Co	1.25	26½	Sale	19	Sale	19⅛	Sale	17⅜ Aug 1	20⅜ Aug 23	17⅜ Aug 1	32½ Jan 23
114,300	408,000	Victor Comptometer	1	9	Sale	8¾	Sale	10¼	Sale	8⅝ Aug 1	10⅝ Aug 30	8½ July 22	11¾ Feb 12
133,900	471,900	Va-Car Chem Corp com	1	40	Sale	67	Sale	79¾	Sale	66 Aug 1	79¾ Aug 30	39½ Jan 22	79¾ Aug 30
15,800	89,900	5% prior preferred	50	40½	Sale	47¾	Sale	48	49	47¾ Aug 1	50⅝ Aug 29	40⅛ Jan 4	50⅝ Aug 29
19,500	87,100	5% conv preferred	50	53	Sale	73½	Sale	87	Sale	72½ Aug 1	87 Aug 30	53 Jan 2	87 Aug 30

For footnotes, see page 29.

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Aggregate Sales in August Shares	Since Jan. 1 Shares	New York Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
106,400	‡313,200	Virginia Elec & Pwr com	*	—	—	41¾	Sale	43⅞	Sale	41¾ Aug 1	45⅛ Aug 19	‡41⅝ July 30	47 May 13
1,260	10,095	$5 preferred	100	110	Sale	109½	Sale	109	Sale	109 Aug 30	110½ Aug 8	108½ Feb 27	113 Jan 10
70	1,480	$4.04 preferred	100	90	91	93	95½	95	99	95½ Aug 20	98½ Aug 21	91 Jan 14	98½ Aug 21
30	2,870	$4.20 preferred	100	94	95	96½	98	95¼	98	96½ Aug 9	98 Aug 8	94 July 15	99½ May 20
240	1,900	$4.12 preferred	100	92¼	93	96	98	93½	95	93¾ Aug 29	96 Aug 8	93 Jan 3	97 July 17
310	5,150	$4.80 preferred	100	104¼	105	105	106	104¾	105¾	105 Aug 16	105½ Aug 21	104½ Jan 7	106½ Apr 5
19,800	135,500	Von's Grocery Co	1	22	Sale	24¼	Sale	26¾	Sale	24¼ Aug 1	26¾ Aug 15	21 Jan 16	28⅜ May 14
77,000	648,600	Vornado Inc	10c	19	Sale	22½	Sale	25	Sale	22⅜ Aug 1	25⅞ Aug 15	18½ Mar 22	29⅜ Jun 11
35,100	539,500	Vulcan Materials Co com	1	10¼	Sale	12¾	Sale	12⅜	Sale	11⅞ Aug 21	12⅞ Aug 1	10¼ Jan 2	14¼ Apr 24
200	2,170	6¼% preferred	100	104¼	105	105	106½	106	Sale	105 Aug 2	108 Aug 21	104 Jan 4	108 Aug 21
460	5,880	Wabash RR 4½% pfd	100	85	Sale	81	Sale	85	87	81 Aug 1	85 Aug 23	79 July 18	87 Jan 10
22,400	209,500	Wagner Electric Corp	15	20	Sale	22½	Sale	22⅞	Sale	22 Aug 9	23⅜ Aug 2	19⅝ Jan 2	25⅜ May 13
5,200	67,200	Waldorf System	*	6⅞	7⅛	9⅛	Sale	8⅛	8½	8¼ Aug 23	9⅛ Aug 1	6¾ Mar 6	9⅛ May 24
30,200	111,400	Walgreen Co	10	46½	Sale	44	Sale	48½	Sale	44 Aug 1	49¾ Aug 2	42⅛ Jun 10	49¾ Aug 2
9,200	139,600	Walker (Hiram) G & W	*	54⅛	Sale	51	Sale	51½	Sale	50¾ Aug 28	52¼ Aug 9	50¾ July 29	56½ Jun 5
48,800	218,800	Wallace & Tiernan Inc	50c	26½	27	24½	Sale	26½	Sale	23⅞ Aug 2	27¼ Aug 22	23⅞ July 25	27¾ Jan 7
30,300	378,200	Walworth Co	2.50	7	Sale	7⅛	Sale	6½	Sale	6½ Aug 26	7¼ Aug 5	6½ Aug 26	8¾ Feb 11
4,800	99,800	Ward Baking Co common	1	7¼	7½	7⅝	Sale	7¼	Sale	7⅛ Aug 29	7⅞ Aug 1	6¼ May 3	9 May 24
600	12,450	5½% preferred	100	66	Sale	70¾	Sale	68¼	Sale	68 Aug 20	70¾ Aug 1	60 Apr 23	76⅛ Jun 17
36,700	143,300	Warner Bros Co	*	—	—	23⅛	Sale	26⅝	Sale	22¼ Aug 9	26⅝ Aug 30	17½ Feb 20	26⅝ Aug 30
61,100	553,600	Warner Bros Pictures	1.25	14	Sale	13⅝	Sale	13⅝	Sale	13⅛ Aug 1	14¾ Aug 7	12⅞ Mar 20	16¼ Jun 17
12,500	71,500	Warner Co	10	29½	Sale	27½	Sale	29	Sale	27½ Aug 1	30½ Aug 14	25 Mar 11	31 July 10
263,700	1,464,460	Warner Lambert Pharmaceutical com	1	24⅛	Sale	24⅜	Sale	27	Sale	24⅛ Aug 1	27¼ Aug 28	23¼ Jan 2	29¼ Apr 8
1,900	51,100	$4 conv preferred	100	104¾	Sale	105½	Sale	105¼	106	105½ Aug 1	108 Aug 12	103 Feb 14	110 May 14
17,000	105,900	Warren (S D) Co	*	33	Sale	33½	Sale	36½	Sale	33¼ Aug 2	36½ Aug 30	32 Jan 3	38½ May 3
7,600	97,000	Washington Gas Light	*	36⅛	Sale	37⅝	Sale	38⅜	Sale	37¼ Aug 28	39⅛ Aug 13	33⅜ Mar 4	40⅞ May 28
12,700	152,600	Washington Water Power	*	47½	Sale	50	Sale	49⅞	Sale	49 Aug 23	50½ Aug 8	47¼ Jan 2	51 Feb 1
4,600	26,800	Waukesha Motor Co	5	31¾	Sale	38⅛	38⅞	38	Sale	38 Aug 30	38¾ Aug 12	31¾ Jan 2	40⅜ May 22
1,900	27,700	Wayne Knitting Mills	5	30½	Sale	34¼	34½	34¾	Sale	34 Aug 6	34⅞ Aug 20	30⅛ Feb 5	34⅞ Aug 20
103,400	103,400	Webb (Del E) Corp	*	—	—	—	—	12⅜	Sale	11½ Aug 20	13¼ Aug 22	11½ Aug 20	13¼ Aug 22
18,300	168,200	Welbilt Corp	1	3	Sale	3⅛	Sale	3	Sale	2⅞ Aug 12	3⅛ Aug 1	2⅞ Apr 2	3½ May 8
27,700	140,400	Welch Scientific Co	1	—	—	14⅛	Sale	15	Sale	12⅝ Aug 14	15⅝ Aug 27	12⅝ Aug 14	21⅞ Jan 23
8,400	66,800	West Kentucky Coal Co	4	9⅛	9½	12	12¼	12¼	Sale	11⅝ Aug 6	12⅜ Aug 12	9 Mar 11	12⅞ Jun 19
65,700	318,100	Wesco Financial Corp	1	—	—	43½	Sale	48	Sale	42⅜ Aug 2	48⅞ Aug 28	39¼ Feb 28	53¾ Apr 15
960	9,340	West Penn Pwr 4½% pfd	100	102½	Sale	102½	104	102	103¼	102 Aug 27	105 Aug 7	100 Apr 11	106½ Feb 15
190	1,100	4.20% pfd series B	100	95	96	95½	96¼	95½	96½	96¼ Aug 16	96½ Aug 19	94½ Jan 14	98 Mar 12
210	1,040	4.10% pfd series C	100	91	92½	93	94	93½	95	93½ Aug 7	94½ Aug 5	91½ Jan 14	94½ May 17
113,200	453,100	West Va Pulp & Paper	5	31	Sale	33⅛	Sale	37⅞	Sale	32¼ Aug 12	37⅞ Aug 30	30½ Jan 2	38⅜ May 20
280	4,050	4½% prefrred	100	100	101	101½	Sale	101½	102¼	101½ Aug 1	102¼ Aug 26	100½ Jan 4	103 Mar 4
89,300	783,000	Western Air Lines Inc	1	31¾	Sale	51¾	Sale	60⅜	Sale	51¾ Aug 1	60½ Aug 29	28 Jan 8	60½ Aug 29
65,600	588,300	Western Bancorporation	2	33⅜	Sale	39¾	Sale	42	Sale	39⅝ Aug 1	42½ Aug 8	31⅝ Jan 17	42½ Aug 8
15,800	188,500	Western Maryland com	*	19	Sale	21½	Sale	23¾	Sale	21½ Aug 1	24⅜ Aug 29	18⅞ Jan 2	24⅜ Aug 29
400	23,100	4% non-cum 2nd pfd	40	28	Sale	29	30	29½	31	29 Aug 15	30 Aug 28	28 Jan 2	32½ Jun 3
10,500	179,400	Western Pacific RR	*	29¼	Sale	35	Sale	35¾	Sale	35 Aug 1	38 Aug 16	29 Jan 2	39⅜ Jun 3
284,300	2,434,400	Western Union Teleg	2.50	26⅝	Sale	27¼	Sale	30	Sale	27¼ Aug 1	30¾ Aug 28	25⅜ Jun 25	33 Apr 9
33,100	449,100	Westinghouse Air Brake	10	25¼	Sale	30½	Sale	29⅝	Sale	29⅛ Aug 27	30½ Aug 7	25 Jan 2	32 May 16
289,800	2,845,800	Westinghouse Elec com	6.25	32	Sale	34⅞	Sale	37⅛	Sale	34⅛ Aug 1	37⅜ Aug 30	31⅞ Jan 2	38⅞ Jun 5
2,000	21,900	3.80% preferred ser B	100	88	88¼	89¾	Sale	89¾	Sale	88¼ Aug 9	89¾ Aug 1	86¾ Apr 19	90¼ Jan 30
10	80	Wheeling & Lake Erie	100	109½	114	115⅝	121	116¼	119	116 Aug 7	116 Aug 7	110 Feb 15	116 Aug 7
43,400	286,300	Wheeling Steel common	10	27¼	Sale	28⅜	Sale	33¾	Sale	28⅜ Aug 1	34⅜ Aug 29	27 Jan 2	35 Apr 15
860	14,780	$5 preferred	*	92	92½	97¾	Sale	99¾	Sale	97¼ Aug 6	99¾ Aug 28	92 Jan 3	101½ May 27
110,700	827,700	Whirlpool Corp common	5	35¾	Sale	43¾	Sale	49	Sale	43⅝ Aug 1	50 Aug 29	35½ Jan 7	51½ Jun 3
2,100	20,700	4¼% conv preferred	80	77	78	81	82½	81¾	83	80¾ Aug 26	84 Aug 14	77 Jan 4	85½ Jun 12
5,600	46,500	White Dental Mfg (S S)	20	34	Sale	40¼	40⅝	41¾	Sale	40 Aug 9	43 Aug 21	33⅞ Jan 4	45 Jun 3
123,700	‡235,900	White Motor Co common	1	—	—	29¼	Sale	32⅛	Sale	28¼ Aug 8	32½ Aug 30	‡27¼ July 22	32½ Jun 7
210	3,560	5¼% preferred	100	101	102½	102½	103	103	104	102¼ Aug 9	104 Aug 20	100 Jun 25	107 Jun 10
24,700	157,200	White Sewing Machine	1	6¾	Sale	9½	Sale	9⅝	9¾	9¼ Aug 2	10½ Aug 14	6¾ Jan 2	10½ Aug 14
700	6,800	Prior preference	20	21½	Sale	28	29	29	29¾	28 Aug 5	29½ Aug 13	21½ Jan 2	29½ Aug 13
500	7,100	$3 conv preferred	50	39	Sale	44	45	47	48	44¾ Aug 2	47¾ Aug 20	39 Jan 2	47¾ Aug 20
7,900	95,900	White Stores Inc	1	18¼	Sale	14¾	Sale	14½	Sale	14⅛ Aug 26	15 Aug 2	14 Mar 29	19⅜ Jan 15
18,700	84,100	Wickes Corp	5	36	Sale	34¾	35½	41¾	Sale	35 Aug 2	44⅞ Aug 26	34 July 24	44⅞ Aug 26
111,500	445,600	Wilcox Oil Co	5	26½	Sale	32	Sale	36⅞	Sale	31⅛ Aug 14	37⅛ Aug 30	25⅜ Mar 6	37⅛ Aug 30
21,300	242,600	Wilson & Co common	*	38¼	Sale	38¼	Sale	38⅛	Sale	36¾ Aug 8	39¼ Aug 15	36⅝ Aug 12	44 Jun 13
2,900	14,700	$4.25 preferred	*	87	Sale	91⅜	92¼	91⅜	Sale	91⅜ Aug 30	92 Aug 16	87 Jan 2	93⅛ Feb 12
5,800	84,700	Windsor Industries Inc	10c	6½	Sale	9	Sale	9	9⅛	9 Aug 1	9⅛ Aug 9	6½ Jan 2	9¾ Mar 28
60,600	462,300	Winn-Dixie Stores Inc	1	27½	Sale	29⅛	Sale	31	Sale	28⅜ Aug 13	31 Aug 30	26⅞ Mar 1	31⅞ Apr 22
24,700	‡151,600	Wisconsin Electric Power— Common	10	—	—	29⅜	Sale	30⅜	Sale	29¼ Aug 5	30⅝ Aug 26	‡28¾ July 26	32¼ May 17
360	1,560	6% preferred	100	129	130	132	Sale	130½	Sale	130 Aug 8	132 Aug 1	130 Jan 7	136½ Apr 8
5,500	57,200	Wisconsin Pub Serv Corp	10	44¼	Sale	45⅜	Sale	45⅝	Sale	45 Aug 1	46¾ Aug 13	42⅝ Jan 30	47 May 13
28,600	290,900	Witco Chemical Co Inc	5	28	Sale	37⅜	Sale	39⅝	Sale	37⅜ Aug 1	40⅞ Aug 26	28 Jan 2	41¼ July 10
12,600	106,900	Woodward Iron Co	10	24⅞	Sale	27	Sale	26¾	Sale	26½ Aug 21	27½ Aug 15	24½ Jan 3	27½ Aug 15
51,900	698,500	Woolworth (F W) Co	10	64	Sale	67⅞	Sale	72⅛	Sale	67½ Aug 2	72⅜ Aug 29	62⅞ Feb 5	75¾ Apr 15
25,500	455,800	Worthington Corp com	10	26⅜	Sale	32¼	Sale	34	Sale	32¼ Aug 1	34⅝ Aug 20	26¼ Jan 2	36 May 16
320	4,970	4½% prior preferred	100	84¾	86	91	92¼	91⅜	92¼	90 Aug 7	92 Aug 26	85 Jan 7	94 July 18
6,700	51,400	Wrigley (Wm) Jr	*	104½	Sale	99½	Sale	97½	Sale	97½ Aug 29	102½ Aug 12	96¼ Jun 28	107 Jan 25
18,600	135,600	Wyandotte Worsted Co	5	9⅞	10⅛	10½	Sale	10¾	Sale	10½ Aug 1	11⅛ Aug 15	9¾ Jun 19	12 Mar 29
243,500	1,885,300	Xerox Corp	1.25	157¾	Sale	243	Sale	283¾	Sale	237 Aug 7	289 Aug 29	146¼ Jan 24	289 Aug 29
52,500	468,900	Yale & Towne Mfg Co	10	23	Sale	29	Sale	32	Sale	29 Aug 1	32¼ Aug 29	23 Jan 2	32¼ Aug 29
3,800	33,800	Young (L A) Spg & Wire	5	25¼	Sale	31	Sale	32½	Sale	29⅞ Aug 8	32½ Aug 30	25¼ Jan 2	34½ May 21
118,900	673,400	Youngstown Sheet & Tube	*	85¼	Sale	103¾	Sale	119	Sale	102¾ Aug 2	120⅜ Aug 29	84¾ Jan 2	120⅜ Aug 29
35,900	279,300	Youngstown Steel Door	*	18⅝	Sale	27½	Sale	27⅞	Sale	26⅝ Aug 21	28⅝ Aug 28	18⅝ Jan 2	28⅝ Aug 28
178,400	1,963,000	Zenith Radio Corp	1	55⅛	Sale	61	Sale	64⅜	Sale	60⅝ Aug 1	65⅜ Aug 26	51 Mar 6	68 Jun 12

*No par value. †Corrected volume. ¶Companies in receivership. §Transferred from ASE to NYSE in 1963. High and low is combination of both Exchanges. Volume shown is Big Board trading only. a Deferred delivery sale. r Cash sale. wd When distributed. wi When issued. x Ex-dividend. y Ex-rights.

‡The volume of trading and range of sale prices published here, is simply the trading and range for the new shares since this issue was either split, or since new stock was issued in connection with a stock dividend. The range and volume for the old shares can be found in the back issues of the BANK AND QUOTATION RECORD, in the month when the issue was removed from trading.

1963 STOCK DIVIDENDS AND/OR SPLITS-UPS

Name of Issue	Basis of Split or Stock Dividend	Date When Admitted to Trading
ACF Industries, Inc.	Two-for-one	Aug 30 wi
Amerada Petroleum Corp.	Two-for-one	May 7 wi
American Enka Corp.	Two-for-one	Mar 19 wi
American Sugar Co. Formerly Amer Sugar Refining	Two-for-one	Apr 22 wi
Beatrice Foods Co.	Four-for-three	Feb 25 wi
Beam (James B.) Distilling	Five-for-four	Aug 13 wi
Buckeye Pipe Line Co.	Two-for-one	May 2 wi
Chrysler Corporation	Two-for-one	Apr 17 wi
Cincinnati Gas & Electric	Two-for-one	Apr 25 wi
Cleveland Electric Illuminating	Two-for-one	May 20 wi
Colgate-Palmolive Co.	Five-for-four	Jun 19 wi
Collins & Aikman	Two-for-one	Aug 6 wi
Delta Air Lines, Inc.	50% in stock	Feb 5 wi
Financial Federation	Five-for-four	Mar 12 wi
Gardner-Denver Co.	Three-for-two	Jan 18 wi
General Finance Corp.	100% in stock	July 29 wi
General Steel Industries	100% in stock	Feb 5 wi
Hart Schaffner & Marx	25% in stock	Jan 29 wi
Hayes Industries, Inc.	50% in stock	Mar 12 wi
Hoover Ball & Bearing Co.	Two-for-one	July 10 wi
Houston Lighting & Power	Three-for-one	Apr 26 wi
Inspiration Consolidated Copper	Two-for-one	Apr 23 wi
International Mining Corp.	Three-for-one	Jan 25 wi

Name of Issue	Basis of Split or Stock Dividend	Date When Admitted to Trading
International Utilities	Two-for-one	May 10 wi
Iowa Electric Light & Power	Two-for-one	May 15 wi
Kansas City Power & Light	Two-for-one	Dec 31 1962 wi
Kellogg Company	Two-for-one	Aug 12 wi
Lockheed Aircraft Corp.	33⅓% in stock	Jun 18 wi
Long Island Lighting Co.	Two-for-one	Apr 17 wi
Magna Copper Co.	Three-for-one	May 14 wi
Nevada Power Co.	Three-for-two	Apr 5 wi
Oklahoma Gas & Electric	Two-for-one	Mar 7 wi
Orange & Rockland Utilities	Two-for-one	May 28 wi
Pendleton Tool Industries	Three-for-two	Apr 24 wi
Potomac Electric Power Co.	Two-for-one	Apr 17 wi
Raybestos-Manhattan, Inc.	Two-for-one	Apr 3 wi
Red Owl Stores, Inc.	Two-for-one	Jan 22 wi
Seagrave Corporation	Two-for-one	May 29 wi
Sealright-Oswego Falls	50% in stock	Jan 28 wi
Singer Company	Two-for-one	Feb 18 wi
Sterling Drug, Inc.	Three-for-one	May 14 wi
Sunshine Biscuits, Inc.	Two-for-one	Apr 16 wi
Union Electric Co.	Two-for-one	Apr 22 wi
Virginia Electric & Power	Three-for-two	Apr 18 wi
White Motor Co.	Two-for-one	Jun 7 wi
Wisconsin Electric Power Co.	Two-for-one	Apr 22 wi

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American Stock Exchange

Monthly and Yearly Record

RANGE OF STOCK AND BOND PRICES FOR AUGUST

Stock Sales—	1963	1962	Bond Sales—	1963	1962
August (Shares)	27,669,226	23,631,550	August	$4,971,000	$7,027,000
Jan. 1 to Aug. 31 (Shares)	196,738,259	214,398,759	Jan. 1 to Aug. 31	51,274,000	51,361,000

NOTICE—Cash and deferred delivery sales are disregarded in the month's range unless they are the only transactions of the month, and when selling outside of the regular monthly range are shown in a footnote in the month in which they occur. No account is taken of such sales in computing the range for the year.

Aggregate Sales in August Shares	Aggregate Sales Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
4,800	46,900	Aberdeen Petroleum cl A	1	2¼	2⅜	2⅛	2¼	2⅛	Sale	2⅛ Aug 2	2½ Aug 29	2⅛ May 28	2¾ Mar 8
15,700	214,200	Acme Hamilton Mfg Corp	10c	1⅛	Sale	1	Sale	1⅛	Sale	1 Aug 1	1⅛ Aug 5	1⅛ Jan 2	1⅝ Jan 10
4,100	54,800	Acme Missiles & Construction Corp cl A	25c	4	Sale	2½	Sale	2⅞	Sale	2½ Aug 1	3⅛ Aug 22	2⅛ May 29	4½ Jan 4
15,400	104,400	Acme Precision Products	1	3	Sale	2⅞	3⅛	4⅛	Sale	2⅞ Aug 2	4¼ Aug 28	2¾ Jun 19	4¾ Mar 7
1,900	20,600	Acme Wire Co	10	9⅞	10½	9	9⅛	8	8¼	8 Aug 22	9 Aug 2	8 Aug 22	11⅞ Jan 14
14,000	176,300	Admiral Plastics Corp	10c	7¼	Sale	5⅝	Sale	5	Sale	4¾ Aug 28	5⅝ Aug 1	4¾ Aug 28	7½ Jan 4
7,400	59,500	Aero Flow Dynamics Inc	1	2⅝	2⅞	2¾	Sale	2⅝	Sale	2⅝ Aug 8	2¾ Aug 1	2⅜ Apr 9	3¼ Jan 17
53,100	322,300	Aerojet-General Corp	1	46¼	Sale	52⅝	Sale	52⅝	Sale	49¾ Aug 21	53⅞ Aug 6	45½ Jan 16	65⅜ Apr 15
10,300	81,400	Aeronca Mfg Corp	1	3⅜	Sale	3⅛	Sale	3	3¼	3 Aug 29	3⅜ Aug 6	2¾ July 19	4⅛ Jan 4
52,900	323,300	Aerosol Techniques Inc	10c	10¾	Sale	21	Sale	21½	Sale	20 Aug 8	23⅝ Aug 21	10¼ Jan 8	24⅝ July 25
700	64,500	Aid Invest & Discount Inc	1	4¼	4⅜	3⅝	Sale	3⅝	3⅞	3⅝ Aug 1	3¾ Aug 12	3⅝ July 8	4½ Feb 18
24,600	74,000	Aileen Inc	1	--	--	21¼	Sale	24	Sale	21¼ Aug 1	24⅜ Aug 16	19⅜ Apr 23	24⅜ Aug 16
1,400	16,000	Airport Parking Corp of America Class A	*	17½	Sale	15	Sale	14¾	15	15 Aug 1	15½ Aug 5	13⅜ May 28	17½ Jan 2
525	z3,550	Ala Power Co 4.20% pfd	100	88½	90½	91	92	91	91¾	91 Aug 2	91¾ Aug 9	89⅞ Jan 8	93¾ Jun 18
6,300	113,300	Alan Wood Steel Co	10	12¾	Sale	18¼	Sale	19⅝	Sale	17⅞ Aug 9	20 Aug 19	12¼ Jan 3	21¾ Jun 19
425	4,091	5% preferred	100	62½	64½	76	Sale	76¼	77¾	75½ Aug 2	76 Aug 1	62¼ Mar 15	80 May 3
20,000	39,800	Alarm Device Mfg Co Inc	10c	--	--	7⅜	Sale	7⅜	Sale	7⅜ Aug 1	7¾ Aug 12	7 Jun 20	8¼ Jun 11
7,300	21,600	Alaska Airlines Inc	1	3½	Sale	3⅝	3¾	4⅛	Sale	3⅝ Aug 2	4¼ Aug 29	3¼ Jan 8	5½ Feb 14
38,750	43,600	Algemene Kunstzijde Unie— Amer dep rcts Amer shs		56	Sale	67	Sale	66	68	66½ Aug 5	68¾ Aug 13	56 Jan 2	68¾ Aug 13
5,000	57,500	All Amer Engineer'g Co	10c	4½	Sale	4½	4¾	4¼	Sale	4 Aug 26	4¾ Aug 7	4 Aug 26	5¾ Jan 14
162,600	502,700	All-State Properties Inc	1	2½	Sale	2⅜	Sale	3½	Sale	2⅜ Aug 1	3½ Aug 30	2 Mar 11	3½ Aug 30
30,700	430,300	Alleghany Corp warrants		7⅝	Sale	7⅛	7⅜	7½	Sale	6⅞ Aug 8	7⅞ Aug 21	6¾ July 25	9⅝ Jan 11
27,700	273,200	Allegheny Airlines Inc	1	5½	Sale	5⅝	Sale	5⅜	Sale	4⅞ Aug 16	5⅞ Aug 2	4⅞ Aug 16	6⅝ May 9
2,800	13,600	Alliance Tire & Rub A	£1¼	7⅜	7¾	9⅞	10⅜	11	11⅜	10 Aug 6	11 Aug 27	7⅝ Jan 11	11 Aug 27
14,400	283,900	Allied Artists Pictures	1	3⅛	Sale	2¾	2⅞	2⅝	Sale	2½ Aug 20	2⅞ Aug 5	2⅛ May 22	4 Jun 12
400	7,100	5½% conv preferred	10	9½	11	8½	9⅜	8	Sale	8 Aug 30	8½ Aug 9	8 May 24	9¾ Jun 12
3,200	38,600	Allied Control Co Inc	50c	7⅝	7⅞	7¾	7⅞	7½	Sale	7½ Aug 30	8 Aug 7	7½ Jan 23	9½ Feb 27
25,300	254,200	Allied Paper Corp	8	12⅜	Sale	8⅜	Sale	8⅛	Sale	7⅝ Aug 16	8½ Aug 2	7⅝ Aug 16	14⅜ Feb 4
11,900	65,800	Alloys Unlimited Inc	10c	7⅝	Sale	5¼	Sale	4⅝	4¾	4⅜ Aug 12	5½ Aug 5	4⅜ Aug 12	10 Jan 24
3,600	30,600	Almar Rainwear Corp	1	5¾	6¼	5½	Sale	4½	Sale	4½ Aug 30	5⅝ Aug 6	4½ Aug 30	6⅛ Jan 31
22,300	‡55,400	Alsco Inc class A	1	--	--	4½	Sale	5	Sale	4¼ Aug 6	5⅛ Aug 29	‡3¾ July 10	5½ Jun 28
2,300	25,200	Aluminum Co of America— $3.75 preferred	100	84½	85	86⅜	Sale	88	Sale	86 Aug 8	88½ Aug 23	84⅛ Apr 22	89 Feb 28
30,100	346,400	Ambassador Oil Corp	1	5⅝	5¾	5⅜	Sale	5½	5⅝	5¼ Aug 15	5⅞ Aug 2	5¼ Jan 8	6⅝ Feb 18
10,800	226,700	Amco Industries	1	--	--	4¾	Sale	4⅜	Sale	4⅛ Aug 30	4⅞ Aug 1	3¾ Jan 16	6¼ Jan 30
2,900	19,800	American Beverage Corp	1	4⅝	Sale	4⅜	4⅝	4⅜	4½	4¼ Aug 12	4⅜ Aug 12	4¼ Mar 28	6⅛ Jan 8
23,100	23,100	Amer Biltrite Rub Co Inc	*	--	--	20⅞	Sale	21½	Sale	19¾ Aug 20	22 Aug 29	19¾ Aug 20	22 Aug 29
1,175	11,175	American Book Co	20	46½	Sale	43½	Sale	43¼	Sale	42 Aug 14	44¼ Aug 26	42 Aug 14	52 Jan 15
8,900	62,400	American Book-Stratford Press Inc	1	5	Sale	4⅝	Sale	5⅝	Sale	4½ Aug 7	6 Aug 28	4 Mar 18	6 May 24
2,600	52,000	Amer Business Systems	*	5½	5¾	6¾	7	6¾	7⅛	6¼ Aug 22	7 Aug 12	5¾ Jan 4	9⅛ Jan 17
17,300	212,300	American Electronics Inc	1	3½	Sale	4	Sale	3⅝	Sale	3½ Aug 5	4 Aug 1	3 Mar 18	5⅛ May 27
18,500	277,600	Amer Inter Aluminum	25c	1¼	Sale	3⅛	Sale	3⅛	Sale	3⅛ Aug 1	3½ Aug 12	1¼ Jan 2	4⅛ Jun 3
1,700	29,900	American Israeli Paper Mills Ltd American shares	£1	2¼	2½	2⅝	2¾	2½	2⅝	2½ Aug 5	2¾ Aug 2	2½ Jan 22	3¼ Mar 29
17,100	203,300	American M A R C Inc	50c	2⅝	Sale	2⅜	Sale	2½	Sale	2⅛ Aug 26	2⅝ Aug 14	2⅛ Aug 26	3½ Jan 14
1,300	27,000	American Mfg Co	12.50	36	37	46½	47	45¼	Sale	45¼ Aug 30	46¾ Aug 9	37 Jan 4	47¾ May 16
62,700	907,900	Amer Petrofina Inc cl A	1	4⅜	Sale	7⅜	Sale	7⅞	Sale	7⅜ Aug 1	8¼ Aug 8	4¼ Jan 2	8⅜ Jun 4
7,200	140,900	Amer Realty & Petroleum	10c	5	Sale	4	Sale	3⅝	Sale	3½ Aug 7	4⅛ Aug 1	3½ Aug 7	5⅝ Feb 4
15,600	178,400	American Seal-Kap Corp	2	12⅝	Sale	11⅝	Sale	11¼	Sale	10⅞ Aug 8	11⅞ Aug 5	10⅞ Aug 8	14½ Mar 7
8,200	52,900	American Thread 5% pfd	5	4¼	4½	4⅝	4¾	4⅞	5	4¾ Aug 2	5 Aug 26	4¼ Jan 3	5 Aug 26
2,500	17,300	Anchor Post Products Inc	2	11¼	11¾	13	Sale	13½	13¾	12⅞ Aug 7	13⅞ Aug 22	11¾ Jan 10	13⅞ Aug 22
4,400	43,200	Andrea Radio Corp	1	12⅝	Sale	12⅜	12¾	11¼	Sale	11 Aug 23	12⅜ Aug 2	11 May 29	16¾ Jan 17
68,800	506,600	Anglo-Lautaro Nitrate Corp "A" shares	2.40	3⅜	Sale	4⅜	Sale	4½	Sale	4¼ Aug 1	4⅝ Aug 15	3 Jan 3	4⅝ Aug 15
2,800	23,100	Angostura-Wupperman	1	12	Sale	10⅛	Sale	12	Sale	10⅛ Aug 1	12 Aug 30	10 Mar 8	12 Jan 2
1,400	6,700	Ansul Chemical Co	1	24¾	25½	20¾	21	--	--	17½ Aug 29	20¾ Aug 5	17½ Aug 29	26 Jan 10
10,800	56,300	Anthony Pools Inc	1	2¾	3	3¾	3⅞	4⅜	Sale	3⅝ Aug 6	4½ Aug 15	2¾ Jan 4	4¾ May 2
66,100	66,100	Apache Corp	1.25	--	--	--	--	12⅝	Sale	11½ Aug 19	14 Aug 2	11½ Aug 19	14 Aug 2
17,700	157,500	Apollo Industries Inc	5	7¾	Sale	12¾	Sale	11	Sale	10¾ Aug 19	12¾ Aug 1	7⅜ Mar 11	14⅜ July 16
1,110	24,080	Appalachian Power— 4½% preferred	100	97	Sale	99¾	Sale	99¼	Sale	98¾ Aug 22	99¾ Aug 2	96¾ Jan 3	101 Jan 30
31,400	312,300	Argus Inc	50c	11⅞	Sale	5¾	Sale	5	Sale	4½ Aug 16	5¾ Aug 1	4½ Aug 16	13⅛ Jan 4
107,200	811,400	Arkansas Louisiana Gas	2.50	28⅝	Sale	32¾	Sale	36¾	Sale	32¾ Aug 1	37 Aug 28	28⅜ Jan 2	37 Aug 28
200	3,375	Arkansas Power & Light— 4.72% preferred	100	99	102½	101½	104	102	103½	103 Aug 21	103 Aug 21	100½ Jan 10	103 Feb 12
7,300	63,400	Armour & Co warrants		25	26½	22½	23	26⅝	Sale	23 Aug 6	27⅝ Aug 28	22⅜ July 24	30 Jan 25
2,300	23,800	Arrow Electronics Inc	1	2	2⅜	1¾	Sale	1⅞	Sale	1¾ Aug 1	1⅞ Aug 8	1⅝ Jun 14	2⅜ Jan 3
40,000	669,100	Asamera Oil Corp Ltd	40c	⅞	Sale	¾	Sale	⅞	Sale	¾ Aug 1	1⅛ Aug 9	⅝ Mar 29	1¼ Feb 11
5,900	97,100	Associated Baby Services	*	3¼	3½	5¾	Sale	4⅞	5	5 Aug 29	5¾ Aug 1	3⅜ Jan 3	6⅜ July 15
----	2,500	Associated Elec Industries— Amer dep rcts reg	£1	5	Sale	5 1/16	6½	6 5/16	6⅝	-- ------	-- ------	4½ Jan 21	6 May 15
12,200	49,000	Associated Food Stores	1	2⅞	3	2⅞	3	3¼	Sale	2⅞ Aug 5	3¼ Aug 29	2¾ Jan 21	3¼ Feb 13
2,600	59,100	Assoc Laundries of Amer	1	1¾	Sale	1¾	2	1¾	Sale	1¾ Aug 6	2 Aug 19	1⅝ Mar 4	2⅛ Mar 28
389,200	1,868,300	Associated Oil & Gas Co	1c	4⅝	Sale	5⅛	Sale	5¾	Sale	5⅛ Aug 1	6⅜ Aug 26	4¼ Jan 3	6⅜ Aug 26
21,600	49,400	Associated Products Inc	1	--	--	14	Sale	14	Sale	13⅝ Aug 2	15⅜ Aug 26	12½ July 9	15⅜ Aug 26
19,700	161,400	Assoc Testing Labator's	10c	7⅜	Sale	7⅛	Sale	6⅛	Sale	5⅝ Aug 16	7¼ Aug 5	5⅛ Mar 14	9¼ Jun 4
17,700	127,700	Astrex Inc	33⅓c	7	Sale	6⅝	Sale	6	Sale	5½ Aug 27	7⅜ Aug 12	5½ Aug 27	8 Mar 18
32,500	160,800	Atco Chem-Indus Prod	10c	2¾	Sale	2⅜	Sale	2½	Sale	2¼ Aug 8	2⅝ Aug 5	2⅛ Apr 29	3½ May 22
1,600	30,300	Atico Financial Corp	1	9	Sale	7½	Sale	7¼	7½	7½ Aug 1	7⅞ Aug 5	7⅛ July 18	9 Jan 2
2,000	36,200	Atlantic Coast Line Co	*	56⅛	Sale	64½	66	67½	Sale	64½ Aug 12	67¾ Aug 29	55¾ Jan 2	71¾ Jun 5
33,400	352,100	Atlantic Research Corp	1	13⅛	Sale	10⅞	Sale	12⅜	Sale	10½ Aug 9	12½ Aug 27	8¾ May 14	14⅝ Feb 18
171,900	498,900	Atlas Consol Mining & Development Corp	10 pesos	6⅞	Sale	11⅞	Sale	15½	Sale	11¾ Aug 1	15½ Aug 29	6⅞ Jan 2	15½ Aug 29
62,900	777,700	Atlas Corp warrants		⅞	1⅛	1¼	Sale	1⅛	Sale	1 Aug 16	1⅜ Aug 5	⅞ Feb 11	1⅜ Jun 11
30,600	273,900	Atlas General Industries	1	13⅜	Sale	15⅛	Sale	16¼	Sale	15⅛ Aug 1	16¾ Aug 23	13 Jan 2	17½ Feb 21
29,500	193,500	Atlas Sewing Centers Inc	1	1/16	½	⅜	Sale	⅜	Sale	⅜ Aug 1	⅝ Aug 13	¼ Feb 27	¾ Jan 18
32,400	255,300	Audio Devices Inc	10c	11⅝	Sale	14⅝	Sale	14¼	Sale	14 Aug 12	15⅞ Aug 5	10¼ Apr 19	16¼ Jun 19
49,100	250,700	Aurora Plastics Corp	1	13½	13⅞	20⅝	Sale	26⅛	Sale	19⅞ Aug 12	26¾ Aug 28	13⅜ Jan 3	26¾ Aug 28
7,400	77,400	Automatic Radio Mfg Co	1	4⅞	Sale	3¾	Sale	3⅞	Sale	3½ Aug 13	3⅞ Aug 1	3½ Jun 26	5¾ Jan 9
17,000	44,900	Automatic Steel Products	1	4¾	Sale	5	Sale	5⅜	Sale	4⅞ Aug 1	5¾ Aug 7	4¼ July 23	6 Jun 7
11,400	174,800	Avien Inc	10c	4	Sale	3¼	Sale	3¼	Sale	3 Aug 20	3⅜ Aug 6	2½ Mar 25	4⅝ Jan 8
9,700	66,900	Avis Industrial Corp	5	12	12⅜	20	Sale	19⅞	Sale	18¾ Aug 15	21⅛ Aug 22	11½ Jan 8	22¾ May 15
400	10,100	Avondale Corp	10	--	--	14¾	15¼	14⅜	14⅞	14½ Aug 22	14¾ Aug 12	11½ Jan 10	15 Mar 14
2,100	15,400	Ayshire Collieries Corp	3	43	Sale	43⅜	44	43½	44¼	43 Aug 13	45 Aug 16	40½ Mar 8	48½ Jun 5
4,500	323,300	Bailey & Selburn Oil & Gas Class A	1	8 1/16	Sale	8⅝	8⅞	9	9½	8¼ Aug 14	9⅝ Aug 16	8¼ Aug 14	11¼ May 14
2,200	59,800	Baker Industries	1	8	8¼	9⅝	Sale	9¾	Sale	9½ Aug 5	9⅞ Aug 26	8 Jan 7	11⅞ Mar 22
24,600	140,200	Baldwin-Montrose Chemical Common	50c	5	Sale	7¼	Sale	7⅞	Sale	7⅛ Aug 2	8¾ Aug 14	5 Jan 2	8¾ Aug 14
12,800	101,500	Conv preferred	*	10½	Sale	14	Sale	14¾	Sale	13⅞ Aug 5	15 Aug 29	10⅜ Jan 7	15 Aug 29
14,200	105,000	Baldwin Securities	1c	3⅝	Sale	4⅛	Sale	4	Sale	4 Aug 5	4¼ Aug 9	3⅝ Jan 2	4⅜ Jun 4
30,500	291,100	Banff Oil Ltd	50c	1⅛	Sale	1⅛	Sale	1 1/16	Sale	1 1/16 Aug 1	1 3/16 Aug 30	1⅛ Jan 3	1⅜ May 9

For footnotes, see page 96.

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Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
10,800	118,300	Banner Industries Inc	10c	4	Sale	2⅝	Sale	2¾	2⅞	2½ Aug 7	2⅞ Aug 16	2⅜ Apr 15	4⅛ Jan 2
14,200	108,400	Bargain Town USA Inc	10c	6¾	7	7½	7¾	8¾	Sale	7¼ Aug 9	8¾ Aug 30	6½ Jan 3	9½ Apr 22
18,500	183,500	Barnes Engineering Co	1	19⅛	Sale	17	Sale	16⅛	Sale	15⅞ Aug 9	18 Aug 15	14½ July 29	23⅛ Jan 24
5,900	66,400	Barry Wright Corp	1	11	Sale	9⅞	Sale	9¾	Sale	9⅜ Aug 14	10⅛ Aug 2	9⅛ Apr 5	12¼ Jan 11
5,800	64,500	Barton's Candy Corp	1	10⅛	Sale	9⅛	9⅜	10⅛	10¼	9 Aug 15	10⅛ Aug 29	8¾ Mar 14	10⅞ Jan 7
16,200	174,600	Baruch-Foster Corp	50c	ⅱ	Sale	1	Sale	1⅛	Sale	1 Aug 1	1⅛ Aug 1	⅞ Jan 3	1⅜ July 10
114,800	548,400	Bayview Oil Corp	25c	1⅛	Sale	1⅛	Sale	1⅜	Sale	1⅛ Aug 1	1⅜ Aug 7	⅞ Feb 1	1½ Mar 15
29,200	138,600	Bearings Inc	*	14½	Sale	20⅞	Sale	21¾	Sale	19¾ Aug 12	22⅝ Aug 21	14½ Jan 2	22⅝ Aug 21
8,800	40,300	Beck (A S) Shoe Corp com	1	8⅛	Sale	6½	Sale	7⅜	Sale	6⅜ Aug 1	7⅜ Aug 29	6⅜ Jun 28	8⅞ Jan 14
5,200	42,300	Bell Electronic Corp	*	2⅞	3¼	2⅛	Sale	2⅛	Sale	2 Aug 6	2⅜ Aug 29	2 May 20	3½ Jan 10
5,600	49,500	Bell Telephone of Canada	25	49⅝	Sale	49⅝	50⅜	49¼	Sale	48⅞ Aug 13	49⅞ Aug 19	47½ July 19	53½ May 9
43,000	396,600	Belock Instrument Corp	50c	4	Sale	5⅛	Sale	5	Sale	4½ Aug 28	5⅜ Aug 2	4 Jan 2	6¼ May 9
9,800	122,500	Benrus Watch Co Inc	1	8¼	Sale	8⅝	Sale	8	Sale	8 Aug 28	9 Aug 7	7½ May 24	10⅝ May 31
9,000	163,600	Berkey Photo Inc	1	6⅝	Sale	7¾	Sale	7½	Sale	7¼ Aug 15	7¾ Aug 1	6⅝ Jan 2	9¼ Jan 18
3,600	37,700	Berkshire Frocks Inc	1	8	Sale	8⅜	Sale	7⅞	Sale	7⅞ Aug 19	8½ Aug 5	7 Mar 7	9¼ Jan 28
5,200	37,500	Bethlehem Corp (The)	*	2½	2⅞	2¼	2½	2⅜	Sale	2¼ Aug 5	2½ Aug 14	2⅛ Feb 11	2⅞ Apr 16
3,250	20,200	Bickford's Inc	1	26	Sale	20	21	21	Sale	19⅛ Aug 13	21 Aug 7	19 July 23	28½ Jan 16
20,700	59,800	Binney & Smith Inc	2.50	—	—	18¼	Sale	20¼	Sale	16⅞ Aug 5	20¼ Aug 30	16⅞ July 22	20⅝ May 13
11,400	95,600	Birdsboro Corporation	4	4	Sale	3½	3¾	4	Sale	3⅜ Aug 6	4 Aug 30	3⅜ Aug 26	4⅝ Mar 18
19,500	180,300	Blauner's	3	1¼	1⅜	2	Sale	2⅛	Sale	2 Aug 1	2⅛ Aug 5	⅞ Feb 27	2¼ July 29
19,200	246,600	Bloomfield Bldg Ind cl A	10c	7½	Sale	7⅜	Sale	6¼	Sale	5⅞ Aug 28	7⅜ Aug 1	5⅞ Aug 28	8½ Jan 28
4,200	25,600	Bloomfield Industries Inc	1	—	—	8⅛	Sale	7⅞	Sale	7¾ Aug 27	8⅛ Aug 1	7¼ July 5	10 Mar 25
5,900	50,600	Blossman Hydratane Gas	1	7	7¼	7¼	Sale	7½	7¾	7¼ Aug 1	7½ Aug 2	6⅝ Jan 20	8 Jan 29
16,300	79,800	Bohack (H C) Co common	*	20⅛	Sale	18	Sale	21⅝	Sale	17¾ Aug 8	22½ Aug 21	17¾ July 31	24½ Jan 22
240	5,545	5½% prior preferred	100	81½	Sale	85	87	88	Sale	86½ Aug 19	88 Aug 26	81½ Jan 2	90 Jan 25
19,000	207,000	Borne Chemical Co Inc	1.50	6⅜	Sale	6	Sale	5⅝	Sale	5¼ Aug 20	6⅜ Aug 8	5 July 22	7¼ Jan 3
900	13,200	Bourjois Inc	1	12¾	13¼	13¼	13½	13¼	13⅜	13 Aug 26	13⅜ Aug 16	13 Jan 3	16 Jan 30
14,400	151,600	Bowling Corp of Amer	10c	1⅜	Sale	1⅜	Sale	1¼	1⅜	1¼ Aug 13	1½ Aug 5	1¼ Jan 2	2 Jan 24
4,600	31,800	Brad Foote Gear Works	20c	2	Sale	1⅞	2	1¾	Sale	1¾ Aug 20	2 Aug 2	1¾ May 31	2¼ Mar 1
12,400	85,900	Brandywine Raceway	1	16¾	Sale	19	Sale	16¾	Sale	16¾ Aug 30	19¾ Aug 2	16⅛ Jun 17	23 Apr 26
29,300	1,180,800	Brazilian Tr Lt & Pwr ord	*	2½	Sale	2⅞	Sale	2¾	Sale	2¾ Aug 13	3 Aug 7	2½ Jan 2	4¼ Mar 15
16,700	145,800	Breeze Corp	1	8¾	Sale	7⅜	Sale	7¾	Sale	6⅞ Aug 19	8 Aug 5	6⅞ Aug 19	10⅜ Jan 23
25,900	169,450	Brillo Mfg Co	1	20¾	Sale	34	Sale	39¼	Sale	33¼ Aug 1	41¼ Aug 29	20¾ Jan 2	41¼ Aug 29
6,300	120,000	British American Oil Co	*	27¾	Sale	25⅛	Sale	24⅞	25	24⅝ Aug 15	25¼ Aug 2	24⅞ July 22	28¼ Jan 16
		British Amer Tob Ltd—											
9,000	20,000	Am dep rcts ord bear	10s	8⅛	9	8¼	Sale	9¼	Sale	7⅞ Aug 8	9¼ Aug 9	7¼ Jun 14	9⅞ Apr 5
8,400	25,900	Am dep rcts ord reg	10s	8⅛	9	8¼	Sale	9¼	Sale	8 Aug 5	9¼ Aug 30	7⅞ Jun 14	10 Mar 7
76,700	395,700	British Columbia Power	*	18½	Sale	20⅛	Sale	23	Sale	20⅛ Aug 1	23 Aug 28	18¼ Feb 26	23 Aug 28
		British Petroleum Co Ltd—											
236,000	1,550,200	American dep rcts reg	£1	6⅞	Sale	8⅛	Sale	8⅜	Sale	8⅛ Aug 1	8½ Aug 8	6⅜ Jan 2	8½ Aug 8
11,700	76,100	Brooks Instrument Co	25c	3	Sale	3⅜	3½	3½	Sale	3¼ Aug 16	3⅝ Aug 15	2½ Apr 23	5 Jun 17
67,900	613,100	Brown Company	1	10⅛	Sale	12⅜	Sale	13⅝	Sale	12¼ Aug 5	13⅝ Aug 30	10⅛ Jan 2	13¾ July 3
		Brown Forman Distillers—											
1,000	11,300	Class A common	30c	22½	23¼	27¼	27½	26⅞	27½	27 Aug 5	27¼ Aug 2	22⅝ Jan 3	28¾ May 17
12,300	106,200	Class B common	30c	22½	Sale	24⅛	Sale	24½	Sale	23¾ Aug 7	25½ Aug 19	22½ Jan 3	28⅜ May 17
6,400	51,500	4% preferred	10	7¾	Sale	8	8⅛	8⅛	Sale	8 Aug 5	8⅜ Aug 23	7⅝ Jan 7	8⅜ Aug 23
31,600	340,000	Bruce (E L) Co Inc	1	9⅞	Sale	11¾	Sale	11⅛	Sale	11⅛ Aug 26	12½ Aug 7	8½ May 7	12⅞ Jun 21
11,100	235,700	BSF Company	66⅔c	4⅛	4½	6⅞	Sale	6⅝	Sale	6 Aug 13	7 Aug 1	4⅜ Jan 3	8⅛ Jan 21
37,600	161,400	Budget Finance Plan com	50c	13⅝	Sale	14⅞	Sale	18⅛	Sale	14⅞ Aug 1	18⅝ Aug 13	13¼ Jan 18	18⅝ Aug 13
1,200	25,100	6% serial preferred	10	10¼	Sale	10¼	10½	10½	Sale	10¼ Aug 12	10½ Aug 28	10⅛ Jan 21	10⅞ Feb 4
5,200	28,400	Buell Industries Inc	1	5⅛	Sale	3⅞	Sale	3⅞	4¼	3½ Aug 7	4⅜ Aug 28	3½ Aug 7	6¼ Jan 14
54,500	440,100	Bunker Hill (The) Co	2.50	8¾	Sale	18¼	Sale	20	Sale	18¼ Aug 1	20¼ Aug 12	8½ Jan 3	20¼ Aug 12
3,700	16,400	Burgmaster Corp	1	—	—	11¾	Sale	11⅛	Sale	10⅞ Aug 29	11⅞ Aug 12	10⅞ Aug 29	14 Jun 10
		Burma Mines Ltd—											
28,000	126,900	Amer dep rcts ord	3s 6d	⅛	Sale	⅛	Sale	⅛	Sale	⅛ Aug 1	3/16 Aug 12	⅛ Jan 2	3/16 Jan 2
3,400	48,300	Burnell & Company Inc	25c	4	4¼	4⅛	Sale	4	Sale	4 Aug 5	4⅜ Aug 16	3⅛ May 9	5½ Jun 24
11,400	‡30,200	Burroughs (J P) & Son	1	—	—	6⅛	Sale	6½	6⅝	6 Aug 20	6¾ Aug 23	‡5⅝ May 21	6⅞ Apr 9
23,000	91,400	Butler's Shoe Corp	1	8⅜	Sale	6¾	Sale	7⅞	Sale	6⅝ Aug 5	8¾ Aug 12	6½ July 31	9⅞ Jan 17
56,900	483,000	B V D Co Inc	1	16¾	Sale	18¼	Sale	19¼	Sale	17¼ Aug 14	19⅞ Aug 21	16⅛ Apr 10	19⅞ Aug 21
10,100	113,000	Calgary & Edmonton Ltd	*	20½	20⅞	17⅝	Sale	17	17⅜	15¾ Aug 13	17¾ Aug 2	15¾ Aug 13	22½ Feb 28
35,500	357,100	California Electric Power	1	23⅜	Sale	28⅜	Sale	30½	Sale	28¼ Aug 1	31 Aug 19	22⅞ Feb 4	31 Aug 19
300	5,400	$3.00 preferred	50	63½	65	73¾	Sale	74¼	74¾	73¾ Aug 1	74½ Aug 6	63½ Jan 8	75 May 8
200	2,500	$2.50 preferred	50	52	53	52⅛	53	52½	53	52⅛ Aug 2	52½ Aug 14	52 Jan 9	55 Jun 3
750	9,110	6% preferred	50	57½	58	56	56½	56	Sale	55¼ Aug 15	56½ Aug 7	53¾ Jun 20	60¼ Mar 5
		Cameo-Parkway Records Inc											
10,400	195,700	Class A	10c	11¼	Sale	7⅛	Sale	7⅝	Sale	6¾ Aug 1	7¾ Aug 30	6¾ Aug 1	12¼ Jan 15
		Campbell Chibougamau											
47,400	435,300	Mines Ltd	1	3½	Sale	3½	Sale	3⅝	Sale	3 3/16 Aug 12	3⅞ Aug 15	3 3/16 Aug 12	4¾ May 16
3,800	41,600	Campbell Machine Inc	1	4⅝	4¾	5¾	6⅛	6½	Sale	5¾ Aug 6	6⅞ Aug 29	4⅝ Feb 1	7½ Jun 3
----	----	Canada Bread Co Ltd	*	5	8	4	6½	4	6½	-- ------	-- ------	-- ------	-- ------
----	5,700	Canada Cement Co Ltd	*	26½	26⅝	33¾	35	31¾	34¼	-- ------	-- ------	27¼ Jan 3	36¾ Apr 18
----	----	1.30 preferred	20	24	26½	25	27½	25	27	-- ------	-- ------	-- ------	-- ------
66,600	1,032,900	Canada Sou Petroleum vtc	1	4 1/16	Sale	3⅛	Sale	3⅞	Sale	3⅛ Aug 29	4⅛ Aug 9	3¼ Mar 8	4⅝ Jan 2
----	1,675	Canadn Dredge & Dock Co	*	7¼	8	6	7	--	--	-- ------	-- ------	6½ July 2	8¼ Jan 11
		Canadian Export Gas &											
17,000	247,500	Oil Ltd	16⅔c	1⅛	Sale	⅞	Sale	1	Sale	⅞ Aug 1	1 Aug 7	⅞ Jun 3	1⅛ Jan 2
12,600	128,100	Can Homestead Oils	10c	1	Sale	¾	Sale	¾	Sale	1⅛ Aug 5	⅞ Aug 8	1⅛ Aug 5	1 1/16 Feb 27
20,400	121,200	Canadian Indus Gas	2.50	8⅜	Sale	7⅝	Sale	8¼	Sale	7⅝ Aug 1	9 3/16 Aug 16	7½ July 19	9 3/16 Aug 16
961,600	3,352,100	Canadian Javelin Ltd	*	8⅜	Sale	14¼	Sale	12⅝	Sale	9¼ Aug 14	14⅜ Aug 1	8⅜ Jan 2	18¼ Jun 21
11,500	188,000	Canadian Marconi Co	1	3⅝	3¾	3⅞	Sale	3¾	Sale	3⅝ Aug 20	3⅞ Aug 1	3⅝ Jun 27	4⅝ Jan 29
400	12,700	Canadian Petrofina pfd	10	9¾	Sale	10⅛	10⅜	10	10¼	9⅞ Aug 26	10⅜ Aug 5	9¾ Jan 2	10⅞ Feb 7
2,700	63,800	Canadianwide Props Ltd	1	5⅜	Sale	4¾	5	4¾	5⅛	4½ Aug 13	5 Aug 29	4⅛ Feb 14	6⅛ Jan 18
5,600	47,200	Can Williston Minerals	6c	1/16	3/16	1/16	3/16	1/16	Sale	1/16 Aug 6	1/16 Aug 7	¼ Feb 6	1/16 Jan 4
6,800	89,250	Canal-Randolph Corp	1	14½	Sale	14¾	Sale	15	Sale	14½ Aug 2	15¼ Aug 19	13⅞ Apr 15	17⅜ Apr 8
30,900	291,700	Canaveral Internat'l	50c	6⅜	Sale	5½	Sale	5⅞	Sale	5 Aug 15	6½ Aug 28	4⅛ May 23	7⅜ Jan 22
63,300	309,100	Capital Cities Broadcast	1	17	Sale	22⅜	Sale	23⅛	Sale	21¼ Aug 8	24⅛ Aug 13	16⅞ Jan 2	24⅞ Apr 23
800	8,860	Capital City Products	1	17½	Sale	17⅞	18⅜	17¾	18½	18 Aug 29	18½ Aug 12	16½ Mar 20	19 Jan 10
12,200	52,500	Carey Baxter & Kennedy	1	4	4½	4½	4¾	5½	Sale	4¾ Aug 2	5½ Aug 23	4¼ Jun 21	6½ Mar 7
7,900	56,100	Carnation Co	5.50	88	Sale	89	Sale	103½	Sale	89 Aug 1	105 Aug 30	83 Mar 12	105 Aug 30
360	3,110	Carolina Pwr & Lt $5 pfd	*	107½	109	108¼	Sale	108½	109	108¼ Aug 1	110½ Aug 9	107¼ Jan 7	110½ Aug 9
		Carreras Ltd—											
6,500	84,500	Amer dep rcts B ord		ⅱ	Sale	¾	ⅱ	¾	Sale	¾ Aug 6	ⅱ Aug 6	1/16 Mar 25	⅞ Feb 11
1,500	19,800	Carter (J W) Co common	1	5¼	5¾	4	Sale	4	4⅜	4 Aug 1	4⅜ Aug 2	4 Mar 26	6 Jan 11
4,400	31,200	Castle (A M) & Co	10	10⅛	Sale	13⅜	13½	13¾	14	13¼ Aug 2	14 Aug 20	10⅛ Jan 2	14⅜ Mar 8
14,900	117,600	Catalin Corp of America	1	3¼	Sale	4⅛	Sale	4	Sale	3⅞ Aug 1	4⅛ Aug 1	3⅛ Jan 3	4¾ Jun 3
6,100	15,700	Central Charge Service	1	—	—	8⅜	Sale	9	9¼	8 Aug 6	9⅜ Aug 26	8 Aug 6	10¼ May 31
29,200	365,200	Central Hadley Corp	1	ⅱ	¾	ⅱ	Sale	ⅱ	Sale	ⅱ Aug 12	ⅱ Aug 1	⅝ Feb 25	1⅛ Apr 15
		Cent Maine Power Co—											
430	3,870	3.50% preferred	100	72	73	75	75¾	77½	Sale	75¼ Aug 2	77½ Aug 13	72½ Jan 4	77½ Aug 13
150	1,050	Cent Pwr & Lt 4% pfd	100	84¼	86¾	86⅝	Sale	87	88	86⅝ Aug 1	87½ Aug 2	85¾ Jan 17	88½ July 5
7,000	83,800	Central Securities Corp	1	17¼	Sale	18½	18¾	20⅛	Sale	18¾ Aug 2	19⅜ Aug 13	17⅛ Jan 2	20⅜ Apr 11
575	12,775	Conv pref $1.40 series B	*	28	28½	30½	31	31½	Sale	30⅜ Aug 6	31¾ Aug 22	28 Jan 4	32 Apr 15
3,700	16,400	Century Electric Co	10	7	7⅜	7½	7⅞	8⅞	Sale	7⅞ Aug 12	9⅛ Aug 15	7⅜ Jan 3	9⅛ Aug 15
9,100	77,900	Century Geophysical Corp	1	4⅜	Sale	3⅜	Sale	3⅛	Sale	3 Aug 28	3⅞ Aug 9	3 Aug 28	6⅞ May 2
1,100	9,700	Chamberlin Co of Amer	2.50	5	5¼	6½	6¾	6⅝	7	6½ Aug 12	7 Aug 12	5 Jan 8	9 Feb 18
9,000	175,000	Charter Oil Co Ltd	1	1	Sale	1 5/16	Sale	1¼	Sale	1¼ Aug 1	1 5/16 Aug 1	ⅱ Feb 5	1 7/16 Jun 17
5,800	71,200	Cherry-Burrell Corp	5	10¾	Sale	12⅝	Sale	13¾	Sale	12¼ Aug 12	13¾ Aug 29	10½ Feb 1	13¾ Aug 29
700	17,400	Chicago Rivet & Machine	2	22¾	23¼	26¼	27¼	27½	Sale	27¼ Aug 19	27½ Aug 27	22½ Jan 22	29 May 27
25,800	436,500	Chief Consol Mining Co	1	1¼	Sale	2	Sale	2⅜	Sale	1⅞ Aug 2	2⅜ Aug 30	1⅛ Jan 4	3 Feb 20
25,800	317,100	Christiana Oil Corp	1	5⅛	Sale	6⅜	Sale	6⅛	Sale	5⅞ Aug 14	6½ Aug 5	5⅛ Jan 2	8⅜ Jun 21
127,800	917,700	Chromalloy Corp	10c	12½	Sale	17⅞	Sale	20⅜	Sale	17¾ Aug 1	21¾ Aug 21	12⅛ Jan 8	22½ Apr 15
229,500	1,592,700	Cinerama Inc	1c	14	Sale	14	Sale	16⅛	Sale	12⅞ Aug 6	16¼ Aug 30	12⅞ Aug 6	17⅜ Mar 26
30,100	159,600	Circuit Foil Corp	25c	19⅝	Sale	28	Sale	32¾	Sale	27½ Aug 1	32¾ Aug 30	19 Mar 1	32¾ Aug 30
20,900	175,600	C K P Development Ltd	*	13¼	Sale	13⅛	Sale	13	Sale	12¾ Aug 30	13¼ Aug 1	10¼ Mar 19	13⅞ July 17
6,100	61,200	Clark Cable Corp	10c	5⅜	5¾	5⅛	Sale	5⅛	5¼	4⅞ Aug 13	5⅜ Aug 29	4⅞ Mar 12	6¼ Mar 18

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Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
15,200	92,600	Clarostat Mfg Co Inc	1	7¾	Sale	5⅞	6⅛	5⅛	Sale	4½ Aug 19	6 Aug 5	4½ Aug 19	7⅞ Jan 10
35,900	244,000	Clary Corporation	1	5	Sale	8¼	Sale	7¼	Sale	6⅝ Aug 23	8⅜ Aug 2	4½ Mar 25	9⅛ Jun 13
300	10,700	Clayton & Lambert Mfg	4	13	13½	14¼	15	13½	13¾	13¼ Aug 27	14¼ Aug 6	12⅝ Apr 11	15¾ Jun 7
4,400	52,400	Clopay Corporation	1	3	Sale	2¾	Sale	--	--	2¾ Aug 1	3⅛ Aug 26	2⅝ July 26	3½ Jan 31
20,800	199,700	Coburn Credit Co common	1	--	--	11	11¼	12⅜	Sale	10¾ Aug 5	12½ Aug 30	9⅛ Mar 29	12⅞ Apr 26
2,050	30,270	6% preferred	20	--	--	22⅝	23½	25½	Sale	22⅝ Aug 2	25¾ Aug 30	20¼ Mar 18	26¼ Apr 22
17,800	290,700	Cohu Electronics Inc	1	3¾	Sale	4⅞	Sale	4¼	Sale	4⅛ Aug 27	4⅞ Aug 1	3½ Apr 11	5¼ July 5
14,300	66,200	Coleman Company Inc	5	--	--	36¼	Sale	39⅞	Sale	35½ Aug 13	40⅛ Aug 29	29¾ Apr 30	40⅛ Aug 29
9,000	116,000	Colonial Sand & Stone Co	1	13⅞	Sale	15⅛	15⅜	14⅝	Sale	13¾ Aug 23	15¼ Aug 7	13¾ Aug 23	18⅝ Feb 11
2,900	18,900	Commercial Metals Co	5	4	Sale	5¼	Sale	6¾	Sale	5¼ Aug 1	7 Aug 19	4 Jan 2	7 Aug 19
37,400	379,400	Com'ty Discount Centers	10c	1⅛	Sale	1⅝	Sale	1⅜	Sale	1⅜ Aug 1	1⅝ Aug 1	1 Jun 14	1¾ Jan 23
7,000	95,600	Community Pub Service	10	43½	Sale	43¾	Sale	42¾	Sale	42¾ Aug 14	44 Aug 2	38½ May 31	46 Feb 20
		Compo Shoe Machinery—											
7,000	97,700	Vtc ext to 1965	1	10¼	Sale	8¼	Sale	7⅛	Sale	6¾ Aug 26	8¼ Aug 1	6¾ Aug 26	14⅜ Jan 31
17,900	532,200	†Compudyne Corp	25c	3	Sale	1¼	Sale	1	Sale	1 Aug 13	1¼ Aug 1	⅝ May 23	3⅝ Jan 24
2,100	44,300	Connelly Containers	50c	4½	4¾	5	5⅛	5	5⅛	5 Aug 2	5 Aug 2	4⅜ Mar 19	5¼ Apr 17
36,100	110,300	Consol Diesel Elec Corp	10c	4⅞	Sale	4¼	Sale	5¼	Sale	4⅛ Aug 13	5¼ Aug 28	4⅛ Apr 18	5¼ Aug 28
8,000	61,700	Consol Mng & Smelt Ltd	*	21⅜	Sale	24½	Sale	25¼	25½	24⅜ Aug 8	25¼ Aug 29	21¼ Jan 4	25¼ Apr 16
30,000	289,600	Consolidated Oil & Gas	20c	3¾	4	3⅞	Sale	3⅞	Sale	3⅝ Aug 14	4 Aug 27	3⅝ Jun 14	4¾ Feb 6
3,200	35,800	Consolidated Royalty Oil	*	8⅝	Sale	8¾	9	9⅛	Sale	8⅞ Aug 12	9¼ Aug 26	8⅜ Jan 15	10¼ Feb 15
28,900	367,700	Consolidated Sun Ray Inc	1	⅞	Sale	⅞	Sale	⅞	Sale	¾ Aug 6	1⅛ Aug 2	¾ Mar 12	1⅛ Mar 27
2,600	30,900	Construction Products A	1	1⅞	2⅛	1¼	1⅜	--	--	1⅛ Aug 27	1⅜ Aug 6	1⅛ Aug 27	2¼ Jan 3
3,000	37,200	Cont Aviation & Eng Corp	1	7	Sale	7½	Sale	7¼	7½	7¼ Aug 1	7⅝ Aug 16	7 Jan 2	8⅝ Feb 20
5,500	22,800	Cont Commercial Corp	1	5⅜	Sale	5⅛	Sale	5⅛	Sale	5⅛ Aug 1	5⅝ Aug 9	5⅛ Apr 23	5⅞ Feb 8
13,800	74,700	Cont Connector class A	50c	7⅛	Sale	9¼	Sale	7⅞	Sale	7⅝ Aug 23	10⅜ Aug 1	6¾ Mar 27	10⅜ Aug 1
35,900	222,600	Cont Materials Corp	10c	1⅛	Sale	⅝	Sale	9/16	Sale	½ Aug 15	1⅛ Aug 8	½ Aug 15	⅞ Jan 16
82,100	142,800	Continental Telephone Co	1	--	--	11⅝	Sale	13⅜	Sale	11½ Aug 1	13¾ Aug 12	11⅛ July 11	13¾ Aug 12
1,100	21,000	Cook Paint & Varnish	15	17¼	Sale	19¼	20	19¼	19½	18¾ Aug 16	19½ Aug 7	17⅛ Jan 2	20¼ July 15
4,000	45,900	Cooper-Jarrett Inc	1	5¾	Sale	6¼	Sale	6	Sale	5⅞ Aug 9	6¼ Aug 1	5¾ Jan 2	7⅞ May 20
		Corby H Distillery Ltd—											
200	1,200	Class A voting	*	14¾	16	16	18	15½	17½	16⅜ Aug 9	16½ Aug 13	15⅞ Jan 15	17½ May 8
----	400	Class B nonvoting	*	14⅝	16	15¾	17½	15½	17½	-- ------	-- ------	16 Apr 26	17 May 8
4,800	53,700	Coro Inc	5	6⅞	7¼	8½	Sale	7⅞	Sale	7⅝ Aug 30	8½ Aug 1	7¾ Jan 10	9¾ Jan 22
1,000	10,900	Corroon & Reynolds com	1	20⅛	20½	21¼	21½	21½	Sale	20⅞ Aug 26	21½ Aug 13	20 Jan 4	22¾ Feb 20
200	4,400	$1 preferred A	*	20¼	20¾	21	Sale	20⅝	21	21 Aug 1	21¼ Aug 20	20⅜ Apr 5	21½ Apr 22
8,300	72,100	Cott Beverage Corp	1.50	6	Sale	6¾	Sale	7⅛	Sale	6⅝ Aug 2	7¼ Aug 30	5½ Feb 6	7⅜ Jun 14
8,600	110,300	Cott Bottling Co of New England Inc	1	6½	Sale	6⅝	Sale	6¾	Sale	6½ Aug 28	7⅛ Aug 2	6⅜ Jan 11	8 Feb 18
		Courtaulds Ltd—											
600	4,700	Am dep rcts ord reg	£1	7½	7⅝	9¼	9½	9⅝	10	9⅜ Aug 8	10 Aug 16	7 5/16 Feb 6	10 Aug 16
39,700	736,400	Crane Carrier Indust	50c	2¼	Sale	2½	Sale	2½	Sale	2¼ Aug 14	2½ Aug 1	2¼ Jan 2	3 Jan 11
107,300	795,300	Creole Petroleum Corp	5	36⅝	Sale	42¼	Sale	43⅝	Sale	42 Aug 1	45¼ Aug 29	35⅝ Mar 11	45¼ Aug 29
2,300	39,200	Crestmont Consolidated	1	3¾	4⅛	4½	4⅝	4⅜	Sale	4¼ Aug 5	4⅝ Aug 13	3⅞ Jan 9	5¾ Jun 6
2,100	17,700	Crose-United Corp	25c	2½	2⅞	2¾	3	2½	2¾	2½ Aug 12	2¾ Aug 5	2½ Apr 18	3⅝ Jan 21
800	10,000	Crowley Milner & Co	1	7	7⅛	7⅝	7¾	7¾	Sale	7⅝ Aug 5	8 Aug 19	6¾ Jan 18	8⅜ Apr 22
9,400	92,900	Crown Alum Industries	25c	3	Sale	3¾	Sale	3½	Sale	3⅜ Aug 5	4 Aug 12	3 Jan 2	5¼ Jan 11
9,100	49,300	Crown Cent Petrol (Md)	5	13⅛	Sale	14⅛	Sale	12⅛	Sale	12⅛ Aug 30	14⅛ Aug 1	12⅛ Aug 30	14¾ May 2
16,200	68,800	Crown Drug	25c	2⅝	Sale	2⅛	2¼	2	Sale	2 Aug 7	2¼ Aug 2	2 Jun 18	2⅞ Feb 7
5,900	24,200	Crystal Oil & Land Co	10c	6¾	7¼	5⅝	5⅞	5⅜	Sale	5⅜ Aug 30	5¾ Aug 15	5⅜ Aug 30	6⅞ Jan 9
51,900	406,400	Cubic Corporation	*	10¼	Sale	7½	Sale	7½	Sale	6⅞ Aug 27	7¾ Aug 12	6⅝ Apr 25	12⅜ Jan 18
300	2,300	Curtis Mfg Co class A	4	8⅛	8⅜	8⅛	Sale	8⅛	8½	8⅛ Aug 1	8⅛ Aug 1	7⅞ Jan 21	8½ May 15
		Cutter Laboratories Inc—											
44,500	408,200	Class A common	1	11⅞	Sale	14⅞	Sale	15⅝	Sale	14⅝ Aug 1	15¾ Aug 6	11⅜ Jan 3	16¼ July 15
5,200	55,600	Class B common	1	11¼	Sale	14¼	14½	15½	Sale	14¼ Aug 5	15½ Aug 30	11¼ Jan 2	15½ July 15
43,700	238,500	Daitch Crystal Dairies	50c	4¼	Sale	6⅜	Sale	7⅛	Sale	6 Aug 5	7½ Aug 15	4¼ Jan 2	7½ Aug 15
4,200	204,800	Daryl Industries Inc	50c	3½	Sale	2½	Sale	2¼	Sale	2⅛ Aug 29	2⅝ Aug 5	2⅛ Aug 29	4⅛ Jan 14
693,900	1,985,200	Data-Control Systems	10c	--	--	25	Sale	28⅞	Sale	21 Aug 7	32⅞ Aug 22	12½ Jun 26	32⅞ Aug 22
36,600	114,300	Davidson Brothers Inc	1	4¼	4½	4⅛	Sale	4⅝	Sale	4 Aug 6	5⅛ Aug 26	4 July 22	5⅝ Apr 4
22,800	120,600	Day Mines Inc	10c	5⅜	Sale	5⅝	Sale	5½	Sale	5½ Aug 19	6 Aug 9	5 May 2	6⅛ Mar 13
880	6,450	Dayco Corp class A pref	35	29¾	30½	34¼	35	35	Sale	33 Aug 12	35⅜ Aug 28	30 Jan 8	35⅜ Aug 28
3,200	26,100	D C Transit System cl A	20c	11⅛	Sale	10¾	11	10⅞	11⅛	10¾ Aug 16	11⅛ Aug 29	10½ Apr 2	11⅜ Jan 23
4,500	30,700	Defiance Industries class B	1	5⅞	Sale	6	6¼	5⅝	6	5⅝ Aug 12	6½ Aug 15	5⅝ Aug 12	8½ May 20
13,600	141,100	Dennison Mfg Co class A	5	19	Sale	25¾	26	25½	Sale	24⅞ Aug 30	27⅜ Aug 15	18⅞ Jan 3	31 May 31
30	960	8% debenture stock	100	143	Sale	153	155¾	153½	154	153 Aug 2	153 Aug 2	142½ Jan 2	158½ Jun 24
30,500	109,900	Desilu Productions Inc	1	7⅝	Sale	6½	6¾	8½	Sale	6⅝ Aug 5	8⅞ Aug 26	6½ July 11	8⅞ Aug 26
5,500	130,200	Detroit Gasket & Mfg Co	1	8½	Sale	14	Sale	14⅜	Sale	13¾ Aug 1	14½ Aug 23	8½ Jan 2	15⅞ May 27
19,100	214,200	Detroit Industrial Prod	1	5½	Sale	4⅝	Sale	5	Sale	4⅜ Aug 6	5¼ Aug 23	4⅜ July 23	7⅜ Jan 16
21,300	141,000	Devoe & Raynolds Co Inc	1	24¼	Sale	28½	Sale	31	Sale	28⅜ Aug 1	32 Aug 28	24⅛ Jan 3	32 Aug 28
30,100	301,400	Devon-Palmer Oils Ltd	25c	1⅛	¾	9/16	Sale	½	Sale	½ Aug 23	⅝ Aug 2	½ Aug 23	⅞ Jan 23
27,200	329,500	Dialight Corp	1	10⅞	Sale	14½	Sale	14¾	Sale	14½ Aug 1	15⅜ Aug 9	10½ Jan 8	15⅜ Aug 9
12,800	44,500	Dielectric Products Engineering Co Inc	1	2½	2⅞	2¾	Sale	4	Sale	2¾ Aug 1	4⅛ Aug 30	2⅛ May 2	4⅛ Aug 30
		Dilbert's Quality											
2,500	135,600	Supermar'ts Inc com	10c	¾	⅞	¾	⅞	⅝	1⅛	⅝ Aug 13	⅞ Aug 6	⅜ Jun 26	1½ Jan 10
2,600	34,300	7% 1st preferred	10	1	Sale	1⅛	Sale	1	1⅛	1 Aug 26	1¼ Aug 5	⅝ Apr 2	1½ Jan 11
		Distillers Co Ltd—											
500	11,000	Am dep rcts ord reg	10s	4½	4⅝	4¾	4⅞	5¼	5½	4 1/16 Aug 6	5⅛ Aug 15	4 3/16 July 3	5⅛ Aug 15
1,600	15,200	Diversey (The) Corp	1	10⅛	Sale	10⅛	Sale	10	Sale	10 Aug 14	10¼ Aug 14	10 May 16	11¾ Feb 12
10,500	105,400	Dixilyn Corp com	10c	2¼	Sale	2⅛	Sale	2⅛	Sale	2 Aug 19	2¼ Aug 2	1¾ Apr 11	2½ Apr 22
500	114,500	Class A	4	--	--	2½	2¾	2½	2⅝	2½ Aug 5	2⅝ Aug 13	2⅛ Jan 4	2⅞ Feb 14
28,500	325,000	Dome Petroleum Ltd	2.50	12	Sale	13	Sale	12⅜	12⅞	12½ Aug 29	13⅜ Aug 5	10⅝ Jun 14	13⅞ Apr 18
----	4,900	Dominion Bridge Co	*	17½	18½	15½	17½	16¼	18	-- ------	-- ------	17⅛ Jan 3	21⅝ May 6
2,000	47,200	Dominion Steel & Coal ord	*	9⅛	9⅜	10½	10⅞	11	11⅜	10¾ Aug 2	11½ Aug 27	9⅜ Jan 7	14¼ Apr 23
16,200	116,000	Dominion Tar & Chem Ltd	*	16¼	Sale	15⅞	Sale	15½	Sale	15⅜ Aug 21	16⅛ Aug 1	15⅜ Aug 21	18½ May 10
100	2,400	Dominion Textile Co Ltd	*	15¼	16	18¼	20½	16½	18½	17½ Aug 20	17½ Aug 20	16 Jan 7	19⅛ Jun 18
29,100	198,300	Dorr-Oliver Inc com	7.50	12¼	Sale	11⅞	Sale	11¼	Sale	10⅝ Aug 9	12 Aug 5	10⅝ Aug 9	13⅞ Feb 1
475	5,925	$2 preferred	32.50	34½	35¼	37	38	36½	38	36¼ Aug 16	37½ Aug 28	35¼ Jan 4	41 Jan 29
10,400	135,400	Dorsey (The) Corp	1	7⅜	7⅝	8⅛	Sale	8⅛	Sale	8 Aug 8	8½ Aug 15	7⅜ Jan 3	9 Feb 13
5,700	175,900	Draper Corp	*	38¼	Sale	34½	Sale	36½	Sale	34⅛ Aug 1	37⅞ Aug 26	33⅝ July 1	40½ Feb 7
43,000	634,500	Drilling & Exploration Co	1	17½	Sale	17	Sale	17⅛	Sale	17 Aug 1	17¼ Aug 28	15¾ Feb 19	18⅝ Jan 9
2,600	30,400	Driver Harris Co	5	14⅜	15	19⅜	19⅞	20⅛	21	19 Aug 8	21¾ Aug 15	14⅝ Jan 8	25⅝ May 24
5,900	57,500	Drug Fair-Community Drug	1	6	Sale	6	Sale	5½	Sale	5½ Aug 28	6 Aug 1	5½ Mar 26	7 Jan 14
		Dunlop Rubber Co Ltd—											
600	10,800	Amer dep rcts ord reg	10s	4	Sale	4 7/16	4¾	4 9/16	Sale	4 5/16 Aug 6	4 5/16 Aug 6	4 Jan 2	4 11/16 Feb 28
800	19,700	Duralov (The) Company	1	3	Sale	2¼	2½	2½	2¾	2¼ Aug 6	2⅜ Aug 13	2¼ Aug 6	3½ Feb 19
11,800	114,200	Duro Test Corp	15c	7⅜	Sale	6½	Sale	6¾	Sale	6¼ Aug 27	6¾ Aug 2	6¼ Jun 21	7½ Jan 3
4,900	43,500	Du Val Corp	*	--	--	34¼	Sale	36¼	36½	33⅞ Aug 5	36½ Aug 23	31⅞ Jan 18	36¾ Jun 14
48,500	313,200	Dynalectron Corp	10c	2¼	Sale	2¼	Sale	2⅜	Sale	2⅛ Aug 14	2⅝ Aug 28	2⅛ Jan 2	3⅛ Feb 1
2,600	16,400	Eastern Air Devices	1	2⅜	Sale	1¾	2	1⅝	2	1¾ Aug 12	2 Aug 28	1⅝ May 1	3⅛ Feb 11
9,700	41,200	Eastern Can Co class A	1	7¼	7¾	7¾	Sale	7⅝	7⅞	6⅞ Aug 20	7⅞ Aug 5	6⅞ Aug 20	9 Jan 21
1,950	‡12,700	Eastern Company	25	41¾	Sale	42⅜	43¼	45½	Sale	43½ Aug 9	50¾ Aug 14	38 May 8	51 May 21
8,600	118,700	Eastern Freight Ways	20c	4⅜	Sale	4⅞	Sale	4⅜	4⅝	4⅜ Aug 28	5 Aug 7	4 Mar 22	5⅝ July 2
7,700	76,500	Eastern States Corp com	1	19¼	Sale	28	28½	30	Sale	28⅛ Aug 6	30 Aug 30	19¼ Jan 2	31¾ Jun 3
10	800	$7 preferred series A	*	178¼	190	186½	189½	183½	187¾	185½ Aug 7	185½ Aug 7	175¼ Mar 6	193½ Jun 26
----	280	$6 preferred series B	*	163½	167¾	172½	176½	174	176¾	-- ------	-- ------	165 Jan 11	181¾ Jun 26
30,200	226,000	Edo Corporation	1	10	Sale	13⅜	Sale	13⅞	Sale	12⅝ Aug 2	15⅛ Aug 20	10 Jan 2	16⅛ Jun 4
9,700	28,300	Elco Corporation	25c	--	--	7¾	Sale	7¾	Sale	6⅝ Aug 23	8 Aug 7	6⅝ Aug 23	9⅜ July 2
31,900	217,600	Elder-Peel Ltd	1	1⅛	Sale	⅞	Sale	1⅛	Sale	1⅛ Aug 14	⅞ Aug 1	1⅛ Aug 14	1⅛ Feb 7
3,500	28,300	Electro-Voice Inc	2	5	5½	5¾	5⅞	5⅜	Sale	5⅛ Aug 26	5¾ Aug 6	5 Apr 15	6⅜ Jan 11
12,800	45,200	Electrographic Corp com	1	15	Sale	21¼	Sale	20½	21	20⅛ Aug 27	21⅞ Aug 1	15 Jan 2	21⅞ Aug 1
21,400	467,700	Electronic Assistance	10c	4¼	Sale	7¼	Sale	8	Sale	7¼ Aug 1	8⅞ Aug 15	3⅞ Mar 22	8⅞ Aug 15
10,400	168,000	Electronic Communications	1	12⅝	Sale	13	Sale	11⅝	Sale	11⅝ Aug 30	13 Aug 1	10½ Apr 15	14⅞ Jan 30
		Electronic Research Assoc—											
7,400	66,800	Class A	10c	4⅝	Sale	5¾	6	6½	Sale	5¾ Aug 2	6½ Aug 13	4⅝ Jan 2	7⅛ July 12

For footnotes, see page 96.

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Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
6,400	80,500	Electronic & Missile— Facilities	25c	4⅝	4⅞	2½	Sale	2¾	Sale	2⅛ Aug 5	3 Aug 20	1⅞ July 24	6¼ Feb 21
11,300	108,300	Electronics Corp of Amer	1	5⅜	Sale	6⅛	Sale	5¼	5½	5¼ Aug 15	6¾ Aug 8	4⅝ Mar 6	7⅝ July 15
13,900	83,900	El-Tronics Inc	*	1⅞	Sale	1¾	1⅞	1¾	Sale	1½ Aug 16	1⅞ Aug 6	1½ Aug 16	3⅛ Jan 14
1,400	25,200	Emenee Corporation	1	4⅞	Sale	3¾	3⅞	4⅛	Sale	3¾ Aug 2	4⅛ Aug 30	3¾ May 13	5½ Jan 4
260	970	Empire Dist Elec 5% pfd	100	102	105	103¼	Sale	102½	104½	102¾ Aug 12	104½ Aug 21	98 Jan 9	105 Feb 7
96,400	742,000	Equity Corp common	10c	3¼	Sale	3½	Sale	3¾	Sale	3¼ Aug 2	3⅞ Aug 9	3 Mar 6	4 July 17
2,400	10,500	$2 conv preferred	1	44	44¾	48¾	49	48¾	Sale	48 Aug 26	51 Aug 8	44¾ Jan 3	55 July 17
23,300	128,300	Erie Forge & Steel Corp	1	2⅛	Sale	1⅝	Sale	1½	Sale	1⅜ Aug 30	1¾ Aug 8	1⅜ Aug 30	2⅜ Jan 3
1,400	20,200	6% conv 1st preferred	10	5⅛	5⅝	4⅝	4¾	4⅜	4½	4⅜ Aug 28	4¾ Aug 2	4¼ Jun 6	5⅞ Jan 10
4,400	30,500	Ero Manufacturing Co	1	4⅜	Sale	4	Sale	3¾	3⅞	3¾ Aug 27	4 Aug 1	3¾ Aug 27	4⅞ Jan 14
6,700	46,200	ERT Corp	1	4⅜	Sale	4⅛	4⅜	4⅛	4¼	4⅛ Aug 6	4¼ Aug 2	3⅞ Mar 7	4¾ Jan 7
3,800	21,900	Espey Mfg & Electronics	1	7⅛	7½	6¼	Sale	6¼	Sale	5⅞ Aug 23	6¾ Aug 1	5⅞ Aug 23	9½ Jan 28
7,000	60,500	Esquire Inc	1	6¾	Sale	8¼	Sale	8¾	9⅛	7⅞ Aug 1	10⅜ Aug 22	6¾ Jan 2	11¾ Mar 22
12,200	53,900	Esquire Rad & Electron	10c	2⅛	2⅜	3⅞	4⅛	4¼	Sale	3¾ Aug 27	4⅜ Aug 30	2⅛ Feb 6	4½ Jun 21
33,400	521,000	Essex Chemical Corp	*	3⅞	Sale	6	Sale	6⅛	Sale	5½ Aug 9	6½ Aug 28	3½ Apr 15	7¼ May 20
4,500	38,800	Evans Rule Co	1	6⅛	6½	5¾	Sale	5⅜	Sale	5 Aug 29	6 Aug 14	5 Aug 29	7⅞ Feb 18
29,000	320,000	Exquisite Form Indus	10c	3⅝	Sale	3⅞	Sale	4⅜	Sale	3½ Aug 21	4⅜ Aug 27	3⅛ Jan 11	5⅛ Feb 13
6,000	63,600	Fairmont Chemical Co	1	3½	3¾	3½	3¾	4	Sale	3½ Aug 5	4 Aug 27	3¼ Jun 7	5⅝ Jan 21
327,200	551,100	Falcon Seaboard Drilling	1½	4⅜	4⅝	11¾	Sale	17¾	Sale	11⅝ Aug 1	20¼ Aug 22	4½ Jan 15	20¼ Aug 22
6,200	33,500	Family Record Plan Inc	1	—	—	7½	Sale	7½	Sale	7⅜ Aug 2	7⅞ Aug 5	7⅜ Aug 2	9½ July 1
16,100	147,400	Famous Artists Schools	2c	11¾	Sale	12⅝	Sale	13⅞	Sale	12⅜ Aug 1	14½ Aug 13	11⅛ Jan 8	14¾ Feb 4
22,500	81,300	Fanny Farmer Candy Shops	1	26¼	Sale	28⅛	28¾	33⅝	Sale	28⅝ Aug 5	33¾ Aug 30	22⅛ Feb 25	33¾ Aug 30
31,500	258,800	Faraday Uran Mines Ltd	1	1⅝	Sale	1 1/16	Sale	1¼	Sale	1⅛ Aug 19	1 5/16 Aug 12	1⅛ July 22	1⅝ Jan 2
91,300	650,500	Fargo Oils Ltd	1	2½	Sale	2	Sale	2½	Sale	1 13/16 Aug 1	2 3/16 Aug 30	1 13/16 July 29	2 1/16 Jan 8
3,900	32,900	Federated Purchaser A	10c	7	Sale	4¾	Sale	4⅞	Sale	4½ Aug 7	5 Aug 19	4½ Aug 7	8¼ Jan 10
265,800	709,000	Felmont Petroleum Corp	1	5¼	Sale	6⅝	Sale	9½	Sale	6⅝ Aug 1	9¾ Aug 28	5¼ Jan 2	9¾ Aug 28
8,100	57,800	Fields Plastics & Chem	1	7½	7¾	6⅜	Sale	6½	Sale	6 Aug 2	6⅝ Aug 6	6 Aug 2	8⅞ Apr 18
9,700	109,700	Filmways Inc	25c	5	Sale	6¾	Sale	7⅛	Sale	6⅝ Aug 1	7½ Aug 28	4¾ Jan 4	7½ July 15
21,800	188,400	Financial General Corp	10c	14¾	Sale	15¼	Sale	16¼	Sale	15¼ Aug 1	16½ Aug 26	14½ Jan 2	18 Feb 13
3,700	48,100	First National Realty & Construction com	10c	3	3¼	3¼	3⅜	3⅛	3⅜	3 Aug 7	3⅜ Aug 16	2⅞ Jun 6	3⅞ Apr 22
1,700	14,400	60c conv preferred	8	10	10½	10⅞	11⅜	11¾	Sale	11 Aug 15	11¾ Aug 26	9¾ Mar 28	12⅛ Apr 19
3,600	66,600	Warrants	—	1	1¼	1	1⅛	1	1⅛	1 Aug 15	1⅛ Aug 13	1 Feb 26	1⅜ Feb 5
27,700	388,400	Firth Sterling Inc	2.50	5⅝	Sale	5⅛	5¼	5	Sale	4¾ Aug 5	5¼ Aug 13	4¾ Aug 5	7⅜ Feb 6
26,800	152,500	Fisher & Porter Co	1	14⅞	Sale	17¾	Sale	20¼	Sale	17⅜ Aug 9	20¼ Aug 30	13½ Mar 13	20¼ Aug 30
1,800	12,600	Fishman (M H) Co Inc	1	12⅜	Sale	8⅛	8½	8½	8¾	8⅝ Aug 7	9½ Aug 5	8⅝ Aug 7	12¾ Jan 14
32,800	143,000	Florida Capital Corp	1	—	—	3¾	Sale	3½	Sale	3⅝ Aug 5	3¾ Aug 1	3⅝ May 23	4⅜ Apr 9
42,600	373,600	Flying Tiger Lines Inc	1	14⅝	Sale	11½	Sale	11	Sale	10⅜ Aug 22	12⅜ Aug 2	10⅜ Aug 22	16¼ Feb 13
760	12,300	Ford Motor of Canada	*	162	Sale	161½	164	167½	Sale	161 Aug 6	167½ Aug 30	159 Feb 4	186½ Jun 11
10,000	48,600	Forest City Enterprises	1	5¼	Sale	5⅛	Sale	5¾	Sale	5 Aug 6	5⅞ Aug 26	5 Aug 6	6½ Feb 27
14,900	310,300	Fotochrome Inc	1	2⅜	2⅝	2¾	Sale	2¼	Sale	2¼ Aug 30	2¾ Aug 1	1⅞ Mar 28	4¾ May 23
25,300	93,000	Fresnillo (The) Company	1	4⅞	Sale	6⅜	Sale	7⅛	Sale	6⅜ Aug 1	7¼ Aug 29	4⅞ Jan 2	7¼ Aug 29
6,700	98,700	Friendly Frost Inc	10c	3⅛	Sale	3	3⅛	2⅞	Sale	2⅞ Aug 23	3⅛ Aug 9	2¼ May 14	4⅛ Jun 27
7,300	42,200	Fuller (Geo A) Co	5	31½	Sale	31⅜	Sale	35	Sale	31¼ Aug 1	36⅜ Aug 23	30½ Mar 15	36½ Apr 25
10,600	160,300	Garan Inc	1	10½	11	16⅛	Sale	17⅜	Sale	15½ Aug 1	18 Aug 8	10½ Jan 3	20¼ Jun 19
8,800	18,200	Gateway Sporting Goods	2.50	—	—	13¾	Sale	15	Sale	12 Aug 21	15 Aug 30	12 Aug 21	15 Aug 30
----	25,400	Gatineau Power Co com	*	31⅛	Sale	31½	32½	31½	32½	-- ------	-- ------	30⅝ Jan 3	32⅜ Apr 24
----	20	5% preferred	100	90	94	90	92	90	93½	-- ------	-- ------	91¼ Jan 7	91¾ Apr 5
3,300	36,900	Genl Acceptance warrants	—	6½	7	5⅜	5⅝	5⅛	Sale	5 Aug 27	5½ Aug 5	5 July 22	7¾ Jan 15
5,800	37,500	General Alloys Co	1	2	Sale	1⅝	Sale	2	Sale	1⅝ Aug 1	2⅛ Aug 20	1½ July 26	2⅜ May 13
116,400	432,600	Gen Battery & Ceramic	1	8½	Sale	8½	Sale	9⅞	Sale	8⅛ Aug 8	10⅜ Aug 29	7⅜ Apr 30	10⅜ Aug 29
18,500	117,500	General Builders Corp	1	3	Sale	2¾	Sale	3⅛	Sale	2¾ Aug 1	3⅝ Aug 13	2⅝ Feb 13	3⅝ Aug 13
66,100	807,900	General Development Corp	1	5¾	Sale	6	Sale	5⅜	Sale	5⅜ Aug 26	6 Aug 1	5⅛ Apr 3	7⅞ Jan 14
200	2,900	Genl Elec Co of Gt Britain Amer dep rcts ord reg	£1	5⅜	5⅞	7	7½	7⅝	8	7¼ Aug 23	7⅜ Aug 8	5¼ Jan 16	7⅜ Aug 8
9,100	72,600	General Fireproofing	5	29⅛	Sale	25⅜	25⅞	24⅞	Sale	24⅝ Aug 29	26 Aug 7	24⅝ Aug 29	34½ Feb 27
10,000	95,100	General Foam Corp	1	8½	Sale	7⅞	Sale	9	Sale	7½ Aug 12	9⅛ Aug 26	7½ Aug 12	10⅛ Jan 24
21,900	321,900	General Gas Corp	2.50	12¾	Sale	15¼	Sale	14⅜	Sale	13⅞ Aug 29	16¼ Aug 30	12¾ Jan 2	16¼ Aug 30
109,400	1,632,800	General Plywood Co	50c	19⅜	Sale	17⅝	Sale	16⅛	Sale	15 Aug 6	18⅜ Aug 2	13 Jun 20	24¾ Feb 15
13,500	128,500	General Stores Corp	1	⅛	1	1⅛	Sale	1⅛	1¼	1⅛ Aug 1	1¼ Aug 9	1/16 Jan 4	1⅜ Jan 16
93,900	93,900	General Supermarkets Inc	8c	—	—	—	—	15	Sale	13½ Aug 13	16¼ Aug 23	13½ Aug 13	16¼ Aug 23
5,500	41,700	Genung's Incorporated	1	12⅜	Sale	11⅝	Sale	12¼	Sale	11¼ Aug 23	12¼ Aug 30	11¼ Aug 23	12¾ Apr 16
50	400	Georgia Power $5 pfd	*	102	105	106	110	106	110	106 Aug 14	106 Aug 14	102 Jan 11	109 Feb 11
950	6,325	$4.60 preferred	*	98	99¾	99¾	Sale	100	100⅜	99½ Aug 7	100¼ Aug 9	98¼ Jan 16	101¾ Feb 8
40,700	386,100	Giannini Controls	50c	15	Sale	12¾	Sale	14	Sale	12½ Aug 6	14⅜ Aug 30	11 Apr 24	16½ Jan 14
2,200	37,800	Giant Food Inc class A	1	12⅝	Sale	11	11¼	11⅜	11⅝	11⅛ Aug 9	11½ Aug 15	10¼ Apr 19	13⅝ Feb 6
285,200	1,079,200	Giant Yellowknife Mines	1	10¼	Sale	11⅝	Sale	12	Sale	11 Aug 17	12⅝ Aug 26	10 Jan 11	12⅝ Aug 26
12,200	76,900	Gilbert (A C) Co	*	15	15⅞	31	31⅞	28⅞	Sale	26¾ Aug 14	31 Aug 2	13¾ Jan 18	32¾ July 15
100	13,200	Gilchrist Co	*	20¾	Sale	13⅞	14⅜	14⅛	14½	14⅜ Aug 28	14⅜ Aug 28	11¾ Apr 11	22⅛ Jan 3
60,700	403,100	Glass-Tite Industries	4c	4⅛	Sale	4⅜	Sale	4¾	Sale	3¾ Aug 9	5 Aug 28	3½ Feb 1	5¼ Apr 16
51,100	133,200	Glenmore Distilleries cl B	1	16	16⅝	16⅜	Sale	21⅛	Sale	16¼ Aug 6	22¼ Aug 29	16¼ Apr 10	23 Jan 25
22,400	123,900	Globe Security Systems	*	13⅛	14	14⅜	Sale	16⅞	Sale	14 Aug 1	17 Aug 30	12½ Apr 23	17 Aug 30
8,700	89,200	Gloray Knitting Mills Inc	1	10½	11	17⅞	Sale	17½	Sale	16⅝ Aug 12	17⅞ Aug 1	11 Jan 3	20½ July 11
4,500	66,600	Gluckin (Wm) Co Ltd	£1	10	Sale	9½	9¾	9¾	Sale	9⅛ Aug 23	9⅞ Aug 2	9⅛ Aug 23	11½ Apr 15
128,300	1,033,800	Goldfield Corp	1	—	—	1⅞	Sale	1¾	Sale	1½ Aug 19	1⅞ Aug 1	1⅛ Jan 2	2¼ Jun 25
4,100	47,100	Goodman Mfg Co	16⅔	26½	Sale	24½	25	26⅜	26⅞	23⅛ Aug 13	26⅝ Aug 28	23⅛ Aug 13	33¼ Feb 8
5,200	84,400	Goodway Printing Co Inc	*	5⅝	Sale	4⅞	Sale	4½	Sale	4⅜ Aug 20	4⅞ Aug 1	3⅞ Apr 4	7 Jan 8
3,200	27,500	Gordon Jewelry class A	1	9¼	9½	10⅜	10½	10	Sale	10 Aug 15	10⅝ Aug 2	9⅛ Mar 15	10⅝ Aug 2
7,400	79,300	Gorham Corporation	4	21	Sale	22¾	Sale	22⅞	Sale	22 Aug 29	23 Aug 12	21 Jan 2	26¼ Feb 15
8,900	98,600	Gray Manufacturing Co	5	3⅜	3¾	6½	Sale	6	6⅛	5⅝ Aug 16	7 Aug 23	3¾ Jan 3	7 May 22
65,300	646,200	Great Amer Industries	10c	1¼	Sale	1⅛	Sale	1⅛	Sale	1 Aug 14	1¼ Aug 2	1 Mar 19	1⅝ Jan 8
225,200	2,050,800	Great Basins Petrol Co	20c	3½	Sale	4⅝	Sale	4⅝	Sale	4⅛ Aug 15	5⅞ Aug 2	2¾ Apr 9	5⅞ Jun 11
1,500	19,400	Great Lakes Bowling Corp	1	5	5½	4¾	5	5¾	Sale	4¾ Aug 16	5¾ Aug 30	4½ May 6	5¾ Jun 20
26,500	433,000	Great Lakes Chemical	1	2⅛	Sale	2¼	Sale	2⅛	Sale	2 Aug 14	2¼ Aug 1	2 Aug 14	3⅜ Jan 10
8,300	62,100	Great Western Producers	60c	6⅛	Sale	7⅞	Sale	8	Sale	7¾ Aug 20	8⅛ Aug 19	6 Mar 4	8⅛ Aug 19
550	3,200	6% pfd series A	30	23½	25	24½	25	25¼	25¾	24½ Aug 8	25¼ Aug 27	24¼ July 1	26 Feb 21
31,500	132,500	Greer Hydraulics Inc	50c	2¾	Sale	2¾	Sale	2⅞	Sale	2⅜ Aug 16	3¼ Aug 5	2 Apr 8	3¼ Jan 28
800	6,500	Griesedieck Company	1	12⅜	12⅝	13¾	14	13⅞	14	13¾ Aug 5	13⅞ Aug 23	12⅜ Jan 8	14½ Feb 11
200	3,600	Grocery Store Products	5	34¼	36	33½	35	33¼	34	33¼ Aug 29	33¼ Aug 29	33¼ Aug 29	39 May 3
13,900	151,900	Grow (The) Corp	10c	2¼	Sale	2¾	Sale	2¾	Sale	2⅝ Aug 12	2⅞ Aug 2	1⅞ May 3	3 Jun 14
5,100	32,900	Guardsman Chemical Coatings Inc	1	9¾	10¼	10⅞	Sale	10¾	11⅛	10 Aug 7	11⅜ Aug 28	10 Aug 7	14½ Mar 14
16,800	125,300	Guerdon Industries	*	3½	Sale	8⅛	Sale	7⅞	Sale	7¾ Aug 7	8¼ Aug 1	3½ Jan 2	8⅜ July 30
56,100	1,057,200	Gulf American Land Corp	1	6	Sale	4½	Sale	4½	Sale	4½ Aug 1	4⅞ Aug 2	4⅜ July 31	6⅝ Jan 7
29,300	81,700	Gulf Sts Land & Indus	50c	14¾	Sale	15½	Sale	18¼	Sale	13⅛ Aug 9	21 Aug 26	13⅛ Aug 9	21 Aug 26
13,700	144,000	Gulf & Western Indus	1	26½	Sale	30⅞	Sale	29½	Sale	28¼ Aug 9	31 Aug 26	26½ Jan 2	35¼ Apr 22
21,500	192,300	Gulton Industries Inc	1	33¼	Sale	26⅞	Sale	28¼	Sale	25¾ Aug 20	28⅝ Aug 12	25¾ Aug 20	36⅞ Jan 29
28,400	412,900	H & B Corporation	10c	2⅜	Sale	3⅛	Sale	3⅛	Sale	3 Aug 14	3⅞ Aug 9	2 Feb 27	4 Jun 11
5,700	50,900	Hall (C M) Lamp Co	2	4	Sale	3½	3⅞	4½	Sale	3 Aug 20	4½ Aug 30	3 Aug 20	5⅞ Feb 13
70,800	312,200	Hanson-Van Winkle-Munning	3.50	—	—	14	Sale	11⅞	Sale	10¾ Aug 22	14 Aug 1	10¾ Aug 22	18½ July 11
17,100	233,000	Hardeman (Paul) Inc	25c	16⅛	Sale	12¼	Sale	11⅛	Sale	10¾ Aug 22	12¼ Aug 1	10¾ Aug 22	17¼ Jan 10
5,100	119,600	Harn (The) Corp	1	7	Sale	6¾	7	7	Sale	6⅜ Aug 15	7 Aug 2	6⅝ Aug 15	9 May 28
4,600	38,600	Harnischfeger Corp	10	16⅝	Sale	16½	Sale	16⅜	Sale	16¼ Aug 8	16¾ Aug 23	16 Mar 7	18⅞ Apr 11
6,400	79,600	Hartfield Stores Inc	1	6¼	Sale	5½	5¾	6	Sale	5⅝ Aug 2	6⅛ Aug 26	5⅝ July 31	8⅛ Jan 31
7,100	42,200	Hartford Electric Light	25	40½	Sale	43¾	Sale	47¼	47¾	43¾ Aug 1	47½ Aug 29	40½ Jan 2	47½ Aug 29
2,500	41,000	Harvard Industries Inc	1	2½	Sale	1¾	1⅞	1¾	Sale	1⅝ Aug 13	1⅞ Aug 7	1⅝ Aug 13	2⅞ Jan 9
3,200	58,100	Harvey Radio Co Inc	1	3⅝	Sale	3½	Sale	3⅜	3½	3⅜ Aug 13	3⅝ Aug 19	3¼ July 10	4⅞ May 22
6,500	33,600	Harvey's Stores class A	1	4½	Sale	3⅞	4	4	Sale	3⅝ Aug 19	4⅛ Aug 29	3⅝ Aug 19	5¼ Jan 9
5,400	77,600	Hastings Mfg Co	2	7½	Sale	6⅞	Sale	7	Sale	6⅞ Aug 1	7⅛ Aug 9	6¾ Mar 15	8¼ Feb 1
76,300	437,300	Hazel Bishop	10c	5⅛	Sale	4¼	Sale	4½	Sale	4⅛ Aug 5	5⅜ Aug 15	3⅞ May 16	6 Jan 3
23,600	89,200	Hebrew National Kosher Foods	50c	5⅛	Sale	5⅜	Sale	6¼	Sale	5⅛ Aug 8	6½ Aug 22	5 Mar 13	6½ Aug 22
28,600	331,500	Hecla Mining Co	25c	13⅜	Sale	19¼	Sale	20⅜	Sale	19¼ Aug 1	20⅞ Aug 14	13⅜ Jan 2	21 July 25
26,900	139,300	Heinicke Instrument	16⅔c	9⅜	Sale	6⅜	Sale	7⅜	Sale	5⅝ Aug 9	8⅛ Aug 19	5⅝ Aug 9	9⅝ Jan 7
2,800	50,200	Helena Rubinstein Inc	*	28	Sale	35½	36½	33½	Sale	33¼ Aug 26	35⅞ Aug 8	27⅞ Jan 4	38¾ May 6
33,900	321,000	Heli-Coil Corp	*	26⅛	Sale	30¼	Sale	31⅜	Sale	28⅜ Aug 22	32⅛ Aug 26	26⅛ Jan 2	35½ July 12
90	750	Heller (W E.) & Co— 5½% preferred	100	103	105	105	Sale	105	106	104½ Aug 8	105 Aug 1	102 Jan 17	107 Jan 10
----	340	4% preferred	100	79	80	81	84	81	85	-- ------	-- ------	76 Jan 14	85 May 1

For footnotes, see page 96.

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Aggregate Sales in August Shares	Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
7,600	56,000	Henderson's Portion Pak	1	14¾	Sale	11⅝	Sale	10⅛	Sale	10 Aug 22	11⅝ Aug 1	10 Aug 22	15½ Jan 18
26,600	173,400	Hercules Galion Prod	10c	4	Sale	4½	Sale	4⅝	Sale	4½ Aug 1	4¾ Aug 2	3¾ Jan 28	5 Apr 25
2,100	28,900	Higbie Mfg Co	1	13½	14	18	Sale	17¼	17⅝	17⅛ Aug 20	18 Aug 1	13¾ Jan 11	19 July 1
14,900	132,100	Highway Trailer Indus— Common	1.25	7	Sale	5½	Sale	4⅞	Sale	4¼ Aug 13	6¼ Aug 16	4¼ Aug 13	9⅝ Feb 13
1,500	30,400	5% conv preferred	10	5⅜	5¾	5½	5⅝	5¼	Sale	4⅝ Aug 13	5½ Aug 5	4⅝ Aug 13	7⅞ Feb 13
3,700	24,700	Hill's Supermarkets Inc	50c	13	Sale	15⅞	Sale	17½	17⅞	15⅞ Aug 1	18½ Aug 8	13 Jan 2	18½ Aug 8
22,600	152,400	Hilton Hotels Corp warrants		6⅞	Sale	5⅛	Sale	4⅝	Sale	4½ Aug 13	5⅛ Aug 1	4½ Aug 13	7⅛ Jan 4
10,800	58,200	Hoe (R) Co Inc common	1	1¾	Sale	1⅝	Sale	1¾	1⅞	1⅝ Aug 1	1⅞ Aug 15	1⅝ Jan 3	2⅝ Jan 17
8,200	67,500	Class A	2.50	7	Sale	7¾	Sale	8	8⅛	7⅝ Aug 21	8⅛ Aug 9	7 Jan 2	9¼ Jan 17
5,900	170,300	Hoffman International	1	3¾	4	1¾	Sale	2	Sale	1⅝ Aug 21	2⅛ Aug 30	1 May 16	4⅜ Jan 14
7,600	47,900	Hofmann Industries Inc	25c	⅝	Sale	⅝	1⅛	1⅛	Sale	1/16 Aug 27	1⅛ Aug 30	1/16 Mar 22	1⅛ Jan 21
9,400	74,300	Hollinger Cons G M	5	19½	Sale	24½	Sale	24⅜	Sale	24¼ Aug 7	24⅞ Aug 20	19½ Jan 2	27¼ Jun 12
13,900	236,650	Holly Corporation	50c	1⅛	Sale	1	Sale	1	Sale	1 Aug 1	1¼ Aug 8	1 Feb 4	1⅝ Mar 20
31,400	128,500	Holly Stores Inc	1	5¼	5½	6⅛	Sale	7½	Sale	6 Aug 1	7⅞ Aug 9	4⅜ Mar 8	7⅞ Aug 9
2,000	20,900	Holophane Co Inc	*	32½	Sale	35	Sale	34¾	35	34¾ Aug 5	35 Aug 1	32½ Jan 2	37½ Feb 27
100	‡49,150	Holyoke Shares Inc	5	28⅝	Sale	28½	29½	28⅝	29½	29 Aug 14	29 Aug 14	28½ Jan 3	31¾ Jun 19
3,800	29,900	Home Finance Group Inc	1	12⅝	13	12⅜	Sale	14	Sale	12⅜ Aug 1	14 Aug 30	12⅜ Aug 1	14⅜ Jan 25
8,900	106,500	Home Oil Co Ltd class A	*	10⅞	Sale	10	Sale	10½	Sale	10 Aug 1	10⅞ Aug 16	9⅝ July 29	13½ May 23
3,300	73,600	Class B	*	10¾	11	11⅛	Sale	11¼	Sale	10⅝ Aug 22	11¼ Aug 2	10⅜ July 24	13½ May 22
4,750	17,725	Hormel (Geo A) & Co	7.50	28	Sale	28¾	Sale	28¼	Sale	27 Aug 6	29 Aug 20	27 Aug 6	34¼ Feb 4
1,190	5,670	Horn & Hardart Baking	*	110	111½	106⅝	107	104	Sale	102½ Aug 30	109 Aug 20	102½ Aug 30	124 Jan 10
5,200	51,200	Horn & Hardart common	*	19⅞	Sale	18⅜	Sale	19¼	Sale	18⅜ Aug 1	19⅞ Aug 23	18¼ July 23	23 Jan 10
260	2,070	5% preferred	100	94¾	96	99¼	100¾	99⅝	100	100 Aug 13	100¼ Aug 19	95¼ Jan 15	100¾ July 22
500	10,750	Hoskins (The) Mfg Co	2.50	27⅜	28	33⅝	34	33⅜	34	33½ Aug 22	34½ Aug 15	28 Jan 4	35¼ May 8
2,800	17,900	Howell Elec Motors Corp	1	4¾	Sale	5½	5¾	5½	5¾	5¼ Aug 13	6 Aug 16	4⅝ Jan 2	6⅝ May 13
6,300	32,700	Hubbell (Harvey) Inc— Class A common	5	17⅜	17⅞	17⅞	18	18	Sale	17½ Aug 15	18½ Aug 22	17⅜ Jan 4	20 Apr 16
4,800	36,200	Class B common	5	17¼	17¾	17¾	18⅛	17⅝	Sale	17½ Aug 15	18¼ Aug 6	17 Jan 4	20⅞ Apr 8
10,100	69,500	Hudson & Manhattan Corp Class A	10	29¼	Sale	30½	Sale	32⅜	Sale	30½ Aug 1	33¾ Aug 12	26¾ Feb 20	33¾ Aug 12
9,100	74,000	Hudson Vitamin Products	1	13½	Sale	12	Sale	11¾	Sale	11⅛ Aug 14	12¼ Aug 1	11⅛ Aug 14	14½ Jan 3
21,800	114,900	Hughes and Hatcher Inc	1	—	—	13½	Sale	15⅞	Sale	13½ Aug 1	16⅜ Aug 28	12⅜ Jan 2	16⅜ Aug 28
19,500	240,800	Husky Oil Canada Ltd	1	—	—	5 1/16	Sale	5¾	Sale	5⅜ Aug 2	5⅞ Aug 28	5 5/16 July 19	6⅞ May 20
79,100	758,400	Hycon Mfg Company	10c	2⅜	Sale	3⅛	Sale	3	Sale	3 Aug 2	3⅜ Aug 12	2⅜ Jan 2	3¾ Apr 19
3,600	39,300	Hydromatics Inc	1	5⅛	Sale	3	Sale	2⅝	Sale	2½ Aug 26	3 Aug 1	1⅝ Apr 19	5½ Jan 10
224,500	586,100	Hydrometals Inc	2.50	5¼	Sale	7	Sale	8⅛	Sale	6¾ Aug 1	9⅜ Aug 14	5⅛ Jan 2	9⅜ Aug 14
3,600	84,600	Hygrade Food Products	5	15⅞	Sale	18⅞	Sale	18⅝	19	18⅝ Aug 6	19 Aug 1	15⅞ Jan 2	22⅛ Apr 15
7,900	52,300	IMC Magnetics Corp	33⅓c	4¼	Sale	5⅜	Sale	5¾	Sale	5⅜ Aug 1	6⅜ Aug 15	4 Mar 28	6¾ Jun 10
27,600	233,200	Imperial Chem Indus Ltd— Amer dep rcts ord reg	£1	8 1/16	8 3/16	8⅝	Sale	9¼	Sale	8⅝ Aug 1	9¼ Aug 28	7½ Jan 28	9¼ Aug 28
11,300	150,400	Imperial Oil (Canada)	*	40¾	Sale	38¼	Sale	38⅜	Sale	38¼ Aug 1	39 Aug 23	36⅝ July 19	42⅛ May 17
5,200	199,500	Imperial Tobacco of Can	5	13⅛	Sale	12¾	Sale	12½	12¾	12½ Aug 14	12⅞ Aug 8	12 Jun 21	14¾ May 7
500	500	Imperial Tobacco of G B & I New common	£1	—	—	—	—	6	6¼	6 Aug 13	6 Aug 13	6 Aug 13	6 Aug 13
15,500	136,400	Independent Telephone	1	8⅝	Sale	8¾	9	9	Sale	8⅝ Aug 2	9½ Aug 19	8½ July 22	10¾ Feb 18
310	3,130	Indianapolis Pwr & Light— 4% preferred	100	88¼	90¼	89⅛	Sale	90⅛	91	89⅛ Aug 1	92 Aug 13	88 Apr 8	92¾ Jun 4
4,000	29,400	Industrial Electronic Hardware Corp	50c	3	3¼	3¼	Sale	3⅛	Sale	2⅞ Aug 29	3½ Aug 2	2⅞ Aug 29	3⅞ Mar 13
1,400	18,700	Industrial Plywood Co	25c	3¼	3½	3	3⅜	3⅛	3¼	3 Aug 2	3⅜ Aug 12	3 July 26	4¾ May 24
6,800	66,400	Inland Credit Corp cl A	1	16	Sale	10	Sale	9½	Sale	8⅞ Aug 15	10⅛ Aug 1	8⅞ Aug 15	17½ Feb 1
3,200	22,500	Inland Homes Corp	1	9½	9⅞	10	Sale	—	—	9¾ Aug 16	10½ Aug 5	9½ Feb 28	11¼ May 24
37,500	278,800	Insur Co of North Amer	5	94¼	Sale	91½	Sale	94¾	Sale	90 Aug 1	96¼ Aug 21	90 Aug 1	102½ May 1
7,300	73,100	International Breweries	1	3⅜	Sale	3½	Sale	3⅝	Sale	3⅛ Aug 22	3⅝ Aug 5	3⅛ Aug 22	5¼ Feb 4
6,700	54,000	Internat'l Holdings Corp	1	33	Sale	33	33½	35¾	Sale	33½ Aug 2	36¼ Aug 20	31 Feb 15	36¼ Aug 20
46,900	341,000	Internatl Oil & Gas Corp	1	5	Sale	6	Sale	5⅞	Sale	5⅝ Aug 16	6⅛ Aug 1	4⅛ May 15	6⅛ July 31
5,300	60,500	International Products	5	2⅞	Sale	4⅝	Sale	5⅛	5⅜	4⅝ Aug 1	5½ Aug 12	2⅞ Jan 2	5⅞ Feb 1
33,300	294,100	Internat'l Stretch Prods	1	8⅛	Sale	14⅜	Sale	14¼	Sale	13½ Aug 6	14⅝ Aug 7	7⅛ Feb 11	14¾ July 31
6,100	60,200	Intex Oil Company	33½c	6	6¼	7⅛	7½	6¾	Sale	6¼ Aug 14	7⅛ Aug 2	6 Jan 3	9 Jun 5
11,000	72,600	Investmt Prop Builders	10c	1¼	Sale	1	Sale	1⅛	Sale	1 Aug 1	1⅛ Aug 12	1 May 6	1¾ Jan 18
1,800	17,400	Investors Funding Corp (N Y) class A	5	11⅜	Sale	11⅛	11⅜	11⅝	11⅞	11⅛ Aug 7	11¾ Aug 20	10¼ Feb 7	15¼ Feb 28
6,700	68,400	Investors Royalty Co	1	3¼	Sale	3⅝	Sale	3¾	Sale	3½ Aug 2	3¾ Aug 30	3¼ Jan 2	3¾ Jun 17
20	390	Iowa Public Service Co— 3.90% preferred	100	82¾	85½	85½	87	86½	89	87 Aug 13	88 Aug 13	83¾ May 20	88 Aug 13
12,300	210,100	Ipco Hospital Supply Corp	1	9⅞	Sale	11⅞	Sale	11¼	Sale	11⅛ Aug 28	12⅛ Aug 15	9⅝ Jan 7	13⅜ July 9
97,600	233,500	Irving Air Chute	1	19¼	20½	33	Sale	39⅛	Sale	32⅜ Aug 1	40½ Aug 27	20½ Jan 7	40½ Aug 27
438,000	2,707,400	Israel-American Oil Corp	10c	1/16	Sale	¼	Sale	⅜	Sale	¼ Aug 1	1/16 Aug 1	⅛ Mar 22	⅜ Mar 28
6,900	82,500	Jeannette Glass Co	1	8¼	Sale	9¾	Sale	9¾	Sale	9 Aug 12	9⅞ Aug 27	8 Jan 2	12⅝ May 2
10,000	240,000	Jefferson Construction	1	3⅝	Sale	4⅜	Sale	4	Sale	4 Aug 23	4⅝ Aug 6	3⅝ Jan 2	6⅛ Apr 19
11,600	52,500	Jefferson Lake Asbestos	1	10½	Sale	7⅜	Sale	4½	Sale	4½ Aug 30	7⅜ Aug 1	4½ Aug 30	10⅞ Jan 9
11,400	69,400	Jefferson Lake Petrochemicals Ltd	1	4½	4⅝	5⅜	Sale	6	Sale	4¾ Aug 8	6 Aug 23	4 3/16 Jan 9	6 1/16 Apr 26
1,200	46,800	Series B warrants		1⅞	2⅛	2 1/16	Sale	2⅛	2⅜	2 Aug 13	2 5/16 Aug 22	1 11/16 Jan 10	2 13/16 Apr 23
7,100	77,900	Jetronic Industries Inc	10c	2⅜	2½	2¼	Sale	2¼	2⅜	2¼ Aug 1	2½ Aug 8	2⅛ Apr 16	3¼ Jan 16
8,900	94,500	John's Bargain Stores	25c	—	—	11¼	Sale	13	Sale	11¼ Aug 1	13⅛ Aug 6	11 July 26	15⅞ May 8
21,900	117,400	Jupiter Corp (The)	75c	4¼	Sale	3⅞	4	3⅝	Sale	3⅜ Aug 16	4 Aug 2	3⅜ Aug 16	5 Mar 25
79,900	1,001,400	Kaiser Industries Corp	4	6½	Sale	6⅞	Sale	7¼	Sale	6⅝ Aug 5	7¼ Aug 13	6¼ Mar 1	8½ Apr 16
20,300	157,700	Kaltman (D) & Co	50c	1½	Sale	1½	Sale	1½	Sale	1½ Aug 1	1⅝ Aug 1	1½ Jan 2	2⅛ Feb 8
40	400	Kansas G & E 4½% pfd	100	97⅜	—	98	100	100	104	98 Aug 9	100 Aug 19	97 Jun 6	100 Apr 2
11,800	98,400	Katz Drug Company	1	11	Sale	13¼	Sale	14⅞	Sale	12¾ Aug 6	15¼ Aug 27	10⅝ Jan 7	15⅝ Mar 12
29,700	290,800	Kaufman & Broad Bldg Co	1	14⅛	Sale	27	Sale	33	Sale	27 Aug 1	33 Aug 30	13⅞ Jan 4	33 Aug 30
6,600	155,400	Kavanau Corporation	1	9¼	Sale	6	Sale	6	6¼	5¾ Aug 2	6⅛ Aug 29	4⅞ May 23	10 Jan 4
90,900	282,300	Kawecki Chemical	25c	23¾	Sale	24½	Sale	30⅜	Sale	22⅝ Aug 14	31½ Aug 30	20¾ Feb 19	31½ Aug 30
2,400	38,300	Kay Jewelry Stores Inc	1	7⅜	Sale	6½	6⅝	7⅛	Sale	6½ Aug 2	7½ Aug 28	6¼ Mar 29	7⅞ Jan 14
3,300	38,300	Kidde (Walter) & Co	2.50	12¼	Sale	12½	13	13	Sale	12⅝ Aug 14	13⅛ Aug 22	12 Jan 3	15 Feb 8
16,400	165,300	Kilembe Copper Cobalt Ltd	1	2⅜	Sale	2 1/16	Sale	2½	Sale	2½ Aug 28	3 Aug 7	2⅜ Jan 2	3¼ Apr 22
89,700	261,700	Kin-Ark Oil Company	10c	1⅝	Sale	1⅜	Sale	1½	Sale	1¼ Aug 5	1⅝ Aug 14	1⅛ Apr 29	2 Jan 14
51,500	299,100	Kingsford Company	1.25	1⅛	Sale	1¼	Sale	1¾	Sale	1⅛ Aug 21	1¾ Aug 30	1 Mar 7	1¾ Aug 30
8,200	211,600	Kingston Products	1	3	3¼	3¾	Sale	3¾	3⅞	3⅝ Aug 12	3⅞ Aug 9	3⅛ Jan 3	5 Apr 17
14,600	150,100	Kinney Service Corp	1	14⅛	Sale	20⅜	Sale	19¼	Sale	18½ Aug 29	20½ Aug 6	14 Feb 25	22⅞ July 11
60,200	344,500	Kirby Petroleum Co	1	19½	Sale	32⅞	Sale	36	Sale	32⅜ Aug 1	37½ Aug 23	18⅛ Mar 6	37½ Aug 23
17,900	133,100	Kirkeby-Natus Corp	1	15⅜	Sale	20½	Sale	22⅞	Sale	20⅜ Aug 13	22⅞ Aug 29	15⅛ Jan 2	22⅞ Aug 29
1,600	28,800	Kleer-Vu Industries Inc	10c	2½	2¾	2⅝	2¾	2⅝	Sale	2½ Aug 12	2¾ Aug 15	2⅜ Apr 22	3¾ Jan 22
35,900	174,900	Klein (S) Dept Stores Inc	1	13⅛	Sale	11⅝	Sale	13	Sale	10⅛ Aug 6	13⅜ Aug 30	10⅛ Aug 6	14⅞ Mar 13
2,000	18,600	Kleinert (I B) Rubber	2.50	12	12⅜	11¾	Sale	11⅛	Sale	11⅛ Aug 30	11¾ Aug 1	11⅛ Aug 30	14 Feb 6
41,700	241,700	Kollon (H L) Inc	25c	4½	Sale	3⅞	Sale	4⅝	Sale	3½ Aug 14	4¾ Aug 30	3⅛ May 20	5⅝ Jun 21
2,400	11,600	Knott Hotels Corp	5	17	Sale	18¾	19⅛	18	18½	17½ Aug 20	18¾ Aug 2	15⅝ Mar 28	19⅞ July 25
1,800	10,000	Kostin Corp	7.50	14¾	15	16⅛	Sale	16⅜	17⅜	16⅛ Aug 1	16½ Aug 1	14¾ Jan 3	16½ July 24
71,900	2,017,200	Kratter (The) Corp cl A	1	15⅜	Sale	9⅜	Sale	9½	Sale	9¼ Aug 20	10 Aug 2	7⅝ May 1	17⅛ Jan 18
6,200	130,300	Kropp (The) Forge Co	33⅓c	1⅝	1¾	1¾	Sale	1⅞	Sale	1¾ Aug 1	1⅞ Aug 2	1⅝ Jan 18	2¾ Feb 21
15,300	82,100	Kulka Smith Electronics— Common	10c	4⅝	Sale	5	Sale	4⅝	Sale	4⅝ Aug 29	5⅛ Aug 27	4 Jun 28	5⅜ Jan 28
4,900	45,100	L'Aiglon Apparel Inc	1	9¾	Sale	9⅛	9⅝	8½	Sale	8 Aug 19	9¾ Aug 6	8 Aug 19	12 Jun 5
9,500	153,300	Lafayette Rad & Electron	1	9¾	Sale	12	Sale	11⅛	Sale	11⅛ Aug 30	12⅜ Aug 9	9¾ Jan 2	14⅜ Jun 13
9,100	72,800	Lake Shore Mines Ltd	1	2⅜	Sale	2⅛	2¼	2⅛	Sale	2 Aug 16	2¼ Aug 2	1⅞ Jun 20	2¾ Jan 29
3,000	45,200	Lamb Industries Inc	3	3⅜	Sale	2½	Sale	2¾	Sale	2½ Aug 1	3 Aug 2	2⅜ July 31	4¼ Jan 22
7,900	51,000	Lamson Corp of Del	5	11½	Sale	13⅜	Sale	15	Sale	13⅜ Aug 1	15¼ Aug 29	11¼ Jan 3	15¼ Aug 29
3,300	41,500	Lamson & Sessions Co	10	14½	14⅞	18⅛	Sale	17⅞	Sale	17½ Aug 5	18¼ Aug 30	14⅞ Jan 3	18½ July 29
8,400	32,800	Lanston Industries Inc	5	2¾	Sale	2⅜	Sale	2½	Sale	2 Aug 19	2⅝ Aug 29	2 Aug 19	3¾ Mar 7
4,300	38,300	Larchfield Corp	1	5	Sale	5⅜	5⅝	5⅞	Sale	5⅜ Aug 2	5⅞ Aug 21	5 Jan 2	5⅞ Jan 29
40,300	231,900	Lease Plan Interna'l Corp	1	22⅞	Sale	31	Sale	34¼	Sale	30⅛ Aug 9	35⅞ Aug 30	22¾ Jan 2	36⅞ Jun 7
2,300	17,600	Lee Filter Corp	1	2⅞	3⅛	2⅞	Sale	2⅛	Sale	2⅛ Aug 29	2⅞ Aug 1	2⅛ Aug 29	3⅞ Jan 25
2,000	21,800	Lee Motor Products cl A	1	2	2¼	1¾	Sale	1¾	2	1⅝ Aug 1	1⅞ Aug 22	1½ July 22	2⅝ Feb 5
103,800	1,272,200	Lefcourt Realty Corp	25c	½	Sale	1/16	Sale	1/16	Sale	1/16 Aug 1	1/16 Aug 30	1/16 July 15	2/16 May 27
20,800	175,800	Leslie Fay Inc class A	1	9½	Sale	8¾	Sale	9	Sale	8⅝ Aug 2	9½ Aug 9	8½ July 26	11⅜ Mar 11
2,200	11,200	Levine's Inc	4	10¾	11½	10½	10¾	10½	Sale	10⅜ Aug 20	10⅝ Aug 15	10¼ Apr 15	12⅛ Feb 1
13,400	28,500	Levitt and Sons Inc	70c	—	—	5	Sale	5	Sale	4⅛ Aug 13	5⅜ Aug 28	4⅛ Aug 13	5⅞ July 8
19,600	268,800	Liberty Fabrics of N Y	1	22½	Sale	14	Sale	12⅛	Sale	11⅝ Aug 30	14 Aug 1	11⅝ Aug 30	23⅜ Jan 4
200	3,450	5% preferred	10	7¾	8	8	8⅛	8⅛	8⅜	8⅛ Aug 12	8¼ Aug 13	7⅝ Mar 13	8⅜ May 27

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Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
29,800	249,100	Lithium Corp of America	1	6⅞	Sale	7	Sale	6⅞	Sale	6⅝ Aug 5	7¼ Aug 7	6⅝ Aug 5	9¼ Mar 27
16,600	53,300	Lithonia Lighting Inc	*	—	—	11¼	Sale	10½	Sale	9⅝ Aug 7	11¼ Aug 1	9⅝ Aug 7	14⅞ July 22
162,100	841,000	Livingston Oil Co	10c	8⅞	Sale	13	Sale	14	Sale	12½ Aug 15	14⅜ Aug 23	8¼ Feb 18	14⅜ Aug 23
4,700	29,200	Locke Steel Chain	2.50	13¾	Sale	8⅝	8⅞	8⅝	Sale	7⅞ Aug 22	8¾ Aug 15	7⅞ Aug 22	15⅛ Jan 23
3,000	33,400	Lockwood Kessler & Bartlett class A	25c	3⅝	Sale	3	3¼	3	Sale	2⅞ Aug 23	3¼ Aug 30	2¾ May 29	4⅝ Jun 12
7,500	131,700	Lodge & Shipley (The) Co	1	1⅛	1¼	1⅛	Sale	1⅛	Sale	1⅛ Aug 1	1¼ Aug 9	1 Mar 20	1⅜ Jan 14
1,900	19,000	Longines-Wittnauer Watch	1	9⅛	9½	9¼	9½	9⅜	9⅝	9⅜ Aug 8	9⅝ Aug 6	8¾ Feb 15	10¼ Jun 5
10,100	13,900	Louis Lesser Enterprises— Class A	10c	—	—	9⅜	Sale	9½	Sale	8¾ Aug 22	10⅜ Aug 28	8¾ Aug 22	10⅜ Aug 28
4,200	36,200	Louis Sherry Preserves	1	2¾	Sale	2⅝	Sale	3	Sale	2⅝ Aug 1	3 Aug 30	2½ July 15	4¼ Mar 12
10,200	98,200	Louisiana Gas Service	10	18	Sale	20½	20⅞	21⅝	21¾	20¾ Aug 8	21¾ Aug 8	17¾ Jan 2	22½ May 31
21,000	276,000	Louisiana Land & Explor	30c	71¾	Sale	85½	Sale	85½	Sale	84⅝ Aug 22	86⅛ Aug 13	70½ Jan 2	90 Apr 19
42,900	323,100	Lucky Friday Silver-Lead Mines Company	10c	25¾	Sale	34	Sale	33¾	Sale	33 Aug 6	35¼ Aug 21	25⅝ Jan 2	38⅜ July 25
16,900	114,200	Lundy Electronics & Systems Inc	10c	4⅝	Sale	4⅝	Sale	5¼	Sale	4⅝ Aug 1	5⅝ Aug 26	4¼ Apr 16	5⅞ Feb 8
2,150	‡17,500	Lunkenheimer (The) Co	2.50	25⅛	25⅝	28	Sale	27½	Sale	27 Aug 21	28¼ Aug 1	25⅝ Jan 3	29¾ Feb 20
39,900	177,000	Lynch Corp	2	7¾	Sale	9	Sale	9	Sale	8¾ Aug 23	10 Aug 14	7⅝ Jan 2	10 Feb 8
43,500	225,300	MacFadden-Bartell Corp	50c	1¾	Sale	4	Sale	4¼	Sale	3¾ Aug 6	4⅝ Aug 14	1¾ Jan 2	4⅝ Aug 14
12,400	173,800	Mack Trucks Inc warrants		18	Sale	19⅝	Sale	19	Sale	17¾ Aug 14	20¼ Aug 28	17¼ Mar 6	26¾ Apr 15
4,600	43,600	Macke Vending Co class A	1	23⅛	Sale	22⅛	22⅝	22	Sale	21⅜ Aug 8	22½ Aug 14	21 Jan 29	24¼ Jun 20
297,300	700,600	Mackey Air Lines Inc	33⅓c	⅞	1	2⅜	Sale	4⅛	Sale	2¼ Aug 2	4¼ Aug 26	⅞ Jan 10	4¼ Aug 26
6,700	78,700	Macoid Industries Inc	*	2¾	3	3	3⅛	2⅞	Sale	2⅞ Aug 13	3⅛ Aug 12	2¾ Feb 5	3¾ Apr 26
173,400	830,300	Magellan Petroleum Corp— Voting trust ctfs	1c	1⅜	Sale	13/16	Sale	1⅛	Sale	¾ Aug 2	1¼ Aug 21	¾ Jun 27	1⅝ Jan 9
42,800	234,300	Magna Oil Corporation	50c	5¾	Sale	4⅞	Sale	5¼	Sale	4⅝ Aug 9	5⅞ Aug 29	4⅛ Jun 5	6⅜ Mar 14
5,000	33,700	Maine Public Service	7	21¾	Sale	21	21½	22⅝	Sale	21¼ Aug 14	22⅝ Aug 30	20⅞ July 30	22⅝ Aug 30
6,800	120,700	Majestic Specialties Inc	*	13	Sale	14⅝	Sale	14¼	Sale	13½ Aug 20	15⅜ Aug 14	12⅛ Mar 14	18⅝ May 16
2,600	23,300	Mallory Randall Corp	10c	4	Sale	—	—	2½	2¾	2½ Aug 16	3 Aug 2	2½ Aug 16	4½ Apr 26
65,700	213,100	Mangel Stores Corp	1	20⅝	Sale	16½	Sale	18¾	Sale	16⅛ Aug 2	19½ Aug 26	16⅛ Aug 2	22½ Jan 10
15,900	174,000	Mansfield Tire & Rubber	2½	6⅝	6¾	8	Sale	7⅞	Sale	7¾ Aug 27	8⅛ Aug 2	6⅝ Jan 4	8⅝ May 24
----	----	Marconi Internat Marine American dep rcts	£1	3¾	4¼	4⅜	4¾	4⅜	4¾	—	—	—	—
6,500	88,600	Marlene Industries Corp	10c	—	—	5⅞	6	5¾	Sale	5⅝ Aug 14	6 Aug 8	4⅞ Mar 7	7⅛ Jan 17
18,500	142,600	Martin-Marietta "wts"		28½	29¼	20⅞	Sale	21	Sale	19½ Aug 8	22¼ Aug 22	19½ Aug 8	29⅝ Jan 4
15,100	61,900	Mary Carter Paint com	1	—	—	7¾	Sale	8⅛	Sale	7 Aug 5	8⅞ Aug 12	6¾ July 12	10½ May 27
38,300	136,300	Class A	1	—	—	5⅜	Sale	5⅜	Sale	5⅛ Aug 28	6¼ Aug 14	4⅞ July 30	8 May 28
9,100	112,300	Maryland Cup Corp	1	27¾	Sale	32¼	Sale	33¾	Sale	32¼ Aug 1	34⅝ Aug 16	27¾ Jan 2	35 May 9
24,500	‡62,800	Masco Corp	1	—	—	17¾	Sale	18⅛	Sale	17½ Aug 2	18⅝ Aug 16	‡17⅜ July 24	20⅛ May 28
62,900	634,800	Massey-Ferguson Ltd	*	11⅝	Sale	12¾	Sale	13¼	Sale	12¼ Aug 13	13⅜ Aug 29	11⅜ Feb 13	14¼ July 12
3,400	56,100	Maule Industries Inc	3	4½	Sale	—	—	7	7⅛	7 Aug 2	7 Aug 2	4½ Jan 2	7⅛ Apr 29
127,600	1,294,200	McCrory Corp warrants		4½	Sale	3¼	Sale	2⅞	Sale	2¼ Aug 20	3¼ Aug 1	2¼ Aug 20	5¼ Feb 6
21,600	‡53,500	McCulloch Oil	50c	—	—	8½	Sale	9⅛	Sale	8½ Aug 1	9⅜ Aug 30	8½ July 30	10⅛ Jun 3
170,700	1,870,700	Mead Johnson & Co	1	22	Sale	22¾	Sale	24⅞	Sale	22 Aug 1	25½ Aug 13	17⅞ Feb 18	28¼ Jun 5
20,700	48,800	Medco Inc class A	10c	—	—	6⅛	6½	8	Sale	6¼ Aug 2	8¾ Aug 14	5¾ Apr 9	8¼ Apr 15
12,900	106,700	Melnor Industries Inc	1	—	—	9⅞	Sale	9¾	Sale	9¾ Aug 1	10¾ Aug 7	9⅜ July 2	12 Jan 23
29,600	547,200	Menasco Mfg Co	1	4½	Sale	5⅞	Sale	5½	Sale	5½ Aug 13	6 Aug 1	4⅜ Jan 3	8¾ Aug 14
700	10,500	Merchants Refrigerating	1	19½	20½	23⅛	24	22¾	23½	23⅛ Aug 6	23⅝ Aug 6	20¼ Jan 14	24⅞ Apr 4
8,200	47,800	Merrill Island Mining Ltd	1	7/16	⅝	7/16	½	½	Sale	7/16 Aug 2	⅝ Aug 29	7/16 Jun 26	⅝ Jan 3
2,700	17,100	Miami Extruders Inc	10c	4½	4⅝	4⅝	Sale	3⅞	4⅛	4⅛ Aug 16	4⅝ Aug 1	4⅛ Aug 16	5½ Feb 27
20,800	95,700	Michigan Chemical Corp	1	11	Sale	12⅛	Sale	14⅛	Sale	12 Aug 7	14⅜ Aug 29	11 Jan 2	14⅜ Aug 29
96,000	1,315,000	Michigan Sugar common	1	2¾	2⅞	5¾	Sale	7	Sale	5⅛ Aug 7	7⅜ Aug 30	2⅝ Jan 28	10½ May 21
42,100	199,600	6% preferred	10	11⅝	Sale	13	Sale	15⅜	Sale	12⅞ Aug 1	15½ Aug 30	11⅜ Jan 4	15½ Aug 30
24,500	79,200	Micromatic Hone Corp	1	7¾	8¼	10	Sale	11⅜	11½	10 Aug 1	13¾ Aug 20	7⅞ Jan 23	13¾ Aug 20
19,400	254,500	Microwave Associates Inc	1	13¼	Sale	11	Sale	10⅜	Sale	10 Aug 26	11½ Aug 28	9⅝ Apr 25	15 Jan 24
6,400	52,300	Mid-West Abrasive Co	50c	13	13¼	13⅝	Sale	13½	13⅝	13¼ Aug 7	13¾ Aug 5	13¼ Jan 3	16¼ Apr 18
200	9,000	Midwest Investment Co	5	19⅝	20	20¼	21	20½	21	20⅛ Aug 6	20⅜ Aug 26	19⅝ Jan 3	20¾ July 31
43,500	416,500	Midwestern Financial	50c	7⅛	Sale	6	Sale	6¼	Sale	5⅝ Aug 21	6½ Aug 28	5½ Jun 3	8¼ Jan 4
10,800	58,300	Mill Factors Corp	2.50	15⅞	Sale	15	Sale	15	Sale	14¾ Aug 1	15⅜ Aug 12	14¾ Aug 1	16⅞ Feb 15
4,600	46,800	Miller-Wohl Co common	50c	4	Sale	4	Sale	4	Sale	3¾ Aug 22	4 Aug 1	3⅝ Jun 25	4⅜ Jan 11
275	1,650	4½% conv preferred	50	31	32	33	Sale	33½	Sale	32⅜ Aug 13	33½ Aug 30	31¼ Jan 15	36¼ Jun 12
4,600	62,000	Milo Electronics Corp	1	7⅝	Sale	6½	Sale	5½	Sale	5¼ Aug 20	6½ Aug 1	5¼ Aug 20	8½ Jan 14
6,900	27,500	Mining Corp of Canada	*	12⅞	Sale	16½	Sale	17¼	Sale	16½ Aug 1	17¼ Aug 28	12⅞ Jan 2	17¼ July 10
150	1,875	Minnesota P&L 5% pfd	100	102	104	104	105	103½	105	103½ Aug 15	104½ Aug 13	102 Jan 10	107 May 21
1,700	12,700	Mirro Aluminum Co	10c	24⅜	24⅝	25	25½	24	Sale	23½ Aug 23	25 Aug 6	22½ Apr 4	26¼ Jun 25
13,900	77,700	Missouri-Kansas-Texas ctfs		4¼	Sale	5⅜	Sale	5⅞	Sale	5⅛ Aug 1	6¼ Aug 15	4¼ Jan 2	6⅞ Feb 14
20,000	360,100	Mohawk Airlines Inc	1	4½	Sale	5⅜	Sale	5½	Sale	5¼ Aug 23	6 Aug 2	4¼ Jan 24	6⅝ May 3
13,400	100,200	Molybdenite Corp of Can	1	7/16	½	7/16	Sale	⅜	Sale	⅜ Aug 14	½ Aug 6	⅜ July 8	11/16 Feb 15
97,300	333,400	Molybdenum Corp of Amer	1	22⅜	Sale	24⅛	Sale	30⅝	Sale	23⅞ Aug 1	31½ Aug 30	22 Jan 2	31½ Aug 30
125,200	768,500	Warrants		9¼	Sale	3¾	Sale	5⅜	Sale	2 Aug 8	6⅛ Aug 30	2 Aug 8	11⅝ Jan 9
32,400	204,900	Monogram Indus Inc	1	1¾	Sale	1½	Sale	1⅜	Sale	1⅜ Aug 5	1½ Aug 1	1⅜ Apr 8	2 Jan 22
890	4,640	Monongahela Power Co— 4.40% cum pfd	100	94	95	96½	97¼	96	96¾	96 Aug 26	97¼ Aug 2	94 Jan 8	99 Apr 10
110	1,750	4.80% cum pfd ser B	100	102	103	103¾	105	103⅞	104¾	103¾ Aug 13	103⅞ Aug 28	101½ Jan 10	106 May 21
40	490	4.50% cum pfd ser C	100	96	97½	103	104	102	103½	102½ Aug 12	103 Aug 12	97½ Jan 16	103 July 29
380	9,070	Montgomery Ward & Co A	*	155	Sale	160¾	161½	160¾	161¾	160¼ Aug 6	161½ Aug 15	155 Jan 2	164 Mar 14
6,000	56,900	Morse Electro Products	25c	3⅞	4	2⅜	Sale	2	Sale	1⅞ Aug 27	2⅜ Aug 1	1¾ July 1	4⅜ Jan 9
41,000	199,600	Mt Clemens Metal Products	1	5⅞	Sale	8	Sale	9¾	Sale	7½ Aug 7	10⅜ Aug 30	5⅛ Feb 1	10⅜ Aug 30
----	1,400	6% preferred	4	3⅞	4	3⅞	4	3⅞	4	—	—	3⅞ Jan 11	4 Apr 11
700	13,900	Mount Diablo Company	1	5¾	Sale	7½	7⅞	7½	7¾	7½ Aug 21	7¾ Aug 6	5⅝ Jan 3	8 July 23
1,800	20,700	Mount Vernon Mills Inc	2.50	13	Sale	16	Sale	16⅜	16⅞	16 Aug 1	17⅛ Aug 12	13 Jan 2	17⅜ May 20
13,800	183,900	Mountain Sts Tel&Tel	12½	26⅝	Sale	27¾	Sale	29	Sale	27¾ Aug 1	29⅛ Aug 29	26¼ Jan 2	31⅞ Apr 19
3,100	26,400	Movielab Inc class A com	1	9¾	Sale	10¼	10⅝	9¾	Sale	9¾ Aug 30	10⅞ Aug 8	9 May 13	11⅞ July 17
2,600	36,800	Movie Star Inc class A	50c	3½	3¾	3⅞	4⅛	4⅛	4¼	3⅞ Aug 8	4¼ Aug 26	3⅝ Jan 17	4⅜ Apr 2
8,800	107,800	MPO Videotronics class A	1	5¾	Sale	11⅛	Sale	10¾	Sale	9⅝ Aug 16	11½ Aug 5	5¾ Jan 2	13 July 11
23,300	251,400	Muntz TV Inc	1	4⅞	Sale	4⅝	Sale	4¾	Sale	4⅜ Aug 5	4¾ Aug 12	4¼ July 12	5¾ Feb 11
9,400	77,500	Murray Ohio Mfg Co	2.50	26⅛	Sale	35¼	Sale	33¾	Sale	33 Aug 8	35¼ Aug 1	26 Jan 2	37¼ Jun 3
46,700	256,200	Muskegon Piston Ring	2.50	12⅛	Sale	15⅛	Sale	16½	Sale	14⅝ Aug 19	16⅞ Aug 28	12⅛ Jan 2	16⅞ Aug 28
700	7,800	Muskogee Co	10	44⅜	44¾	48	48¾	48	49	47½ Aug 5	48½ Aug 23	45 Jan 7	49½ Jan 22
8,300	90,400	Muter Company	50c	4	4¼	4⅛	Sale	4¼	Sale	3⅞ Aug 12	4¼ Aug 28	3⅞ Aug 12	5⅛ Mar 11
3,700	37,200	Nachman Corp	5	4⅞	5⅞	5	5¼	5	5⅛	4⅞ Aug 21	5 Aug 6	4⅞ Feb 19	5⅝ Jan 10
25,500	382,000	Napco Industries Inc	1	6⅝	6¾	7	Sale	7¼	Sale	6¾ Aug 12	7¾ Aug 27	6⅝ Jan 4	9½ May 24
6,800	106,700	Nat Nast Inc class A	25c	5⅜	Sale	1¾	Sale	1½	Sale	1½ Aug 6	1¾ Aug 1	1½ Apr 8	5¾ Jan 4
11,400	132,100	Nat Alfalfa Dehydrating & Milling Company	3	9	Sale	10¾	Sale	10⅝	Sale	10⅝ Aug 21	11½ Aug 12	7⅝ Feb 13	11½ Aug 12
52,400	324,000	National Bellas Hess	1	7⅜	Sale	6⅛	Sale	6⅞	Sale	5⅝ Aug 16	7⅜ Aug 30	5⅝ Aug 16	8¼ May 23
12,100	86,400	National Bowl-O-Mat Corp	1	1⅜	1⅝	1⅛	Sale	1¼	Sale	1⅛ Aug 1	1¼ Aug 2	1 Feb 21	1⅜ Jan 10
6,662	23,512	National Casket Co	5	22	23	23½	Sale	29¼	Sale	23½ Aug 1	32⅝ Aug 13	22 Jan 31	32⅝ Aug 13
7,600	54,400	National Company Inc	1	7	Sale	6⅝	Sale	6⅝	6¾	6¼ Aug 20	6⅞ Aug 29	6¼ Aug 20	8 Apr 4
2,400	25,500	Nat Elec Welding Mach	1	9	9⅜	11⅛	Sale	11¼	Sale	10¾ Aug 15	11⅜ Aug 1	9¼ Jan 3	12½ Jun 25
10,100	138,000	National Equipment Rental	1	11⅜	Sale	10¾	Sale	10⅛	Sale	9⅝ Aug 20	11 Aug 6	9⅝ Aug 20	14¾ Feb 8
91,200	607,100	National Petroleum Ltd	25c	2 1/16	Sale	2 3/16	Sale	2 1/16	Sale	1⅞ Aug 6	2⅜ Aug 9	1 1/16 May 6	2⅝ July 10
2,000	35,500	Nat Presto Industries Inc	2	15⅜	Sale	16⅛	Sale	16¼	Sale	15⅞ Aug 13	16⅝ Aug 21	15⅛ Feb 12	18 Jan 24
7,200	131,300	National Rolling Mills Co	1	5⅝	Sale	10⅜	Sale	11⅜	Sale	10⅜ Aug 1	11⅜ Aug 30	5⅝ Jan 2	14⅜ Jun 6
8,500	‡48,900	National Rubber Mach	5	—	—	22	Sale	21¼	Sale	21⅛ Aug 12	23¼ Aug 15	‡21 Apr 29	25 May 3
1,300	12,200	National Transit Co	1	3⅝	3¾	4¾	Sale	4⅝	4⅞	4½ Aug 12	4¾ Aug 1	3¾ Jan 3	4¾ Aug 1
26,700	119,300	Natl Union Elec Corp	30c	2⅛	2⅜	2⅛	Sale	2¼	Sale	2 Aug 8	2⅜ Aug 19	2 May 8	2⅞ Jan 15
31,800	823,500	National Video class A	50c	6¾	Sale	13⅜	Sale	12	Sale	12 Aug 28	13½ Aug 22	6¾ Jan 2	15⅜ Jun 25
6,300	74,100	Nedick's Stores Inc	20c	8⅞	Sale	9⅞	10⅛	10	Sale	9 Aug 15	10⅜ Aug 21	8⅜ Jan 7	11 Jun 21
2,700	62,800	Needham Packing Co Inc	*	8	Sale	5½	5⅞	5½	Sale	5½ Aug 5	5⅞ Aug 8	5½ May 23	8⅛ Jan 7
2,300	38,100	Nelly Don Inc	2	10⅞	Sale	11¾	Sale	11⅞	12⅛	11¾ Aug 1	12⅜ Aug 15	10⅞ Jan 2	14½ May 17
8,600	82,300	Nestle Le Mur Co	1	12⅜	12¾	13⅞	Sale	13	Sale	13 Aug 29	14½ Aug 7	10¾ Feb 8	16⅜ Jun 4
80,000	309,700	New Idria Mining & Chemical Co	50c	1/16	Sale	½	Sale	11/16	Sale	½ Aug 1	11/16 Aug 28	½ Apr 29	¾ Jan 7
24,300	123,100	New Jersey Zinc	25	31⅛	Sale	31¾	Sale	36½	Sale	31⅜ Aug 1	38½ Aug 16	28¼ Mar 6	38½ Aug 16
30,500	161,600	New Mexico & Ariz Land	1	10	Sale	12⅝	Sale	15¾	Sale	12½ Aug 1	15¾ Aug 30	9¾ Mar 20	15¾ Aug 30
781,800	1,584,800	New Park Mining Co	1	2⅜	Sale	3⅛	Sale	4⅜	Sale	3 Aug 1	5⅜ Aug 14	1⅝ Mar 14	5⅝ Aug 14
29,845	72,735	New Process Co	*	38⅞	Sale	76½	Sale	89¼	Sale	76⅛ Aug 2	102 Aug 13	32½ Jan 14	102 Aug 13
2,600	10,600	N Y Auction Co	*	33½	34	31½	Sale	33¾	34	31½ Aug 1	34⅛ Aug 19	29½ Mar 26	34⅛ Aug 19
12,500	63,643	N Y & Hond Rosario	3.33⅓	36¾	37½	60½	Sale	68½	Sale	60 Aug 2	72 Aug 23	37½ Jan 3	72 Aug 23

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Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
18,500	282,000	Noma Corp	1	6⅜	Sale	7¼	Sale	7	Sale	6⅞ Aug 13	7½ Aug 23	5⅜ Jan 25	8⅞ Apr 16
12,700	174,000	Noramco Inc	1.25	2	Sale	2⅛	Sale	2¼	Sale	2 Aug 5	2¼ Aug 29	1⅞ May 24	3 Feb 7
9,600	95,200	Norfolk Southern Ry Co	1	7½	Sale	8¼	Sale	9	Sale	8 Aug 6	9 Aug 26	7½ Jan 2	10¼ Feb 14
2,900	24,200	North Amer Royalties Inc	1	1⅝	1⅞	1⅞	2	1¾	Sale	1¾ Aug 22	2 Aug 27	1⅝ Jan 8	2 Mar 15
18,800	244,500	North Canadian Oils Ltd	25	1 1/16	Sale	1 1/16	Sale	1½	Sale	1¼ Aug 13	1½ Aug 27	1 1/16 Jan 2	1 11/16 Apr 16
38,800	282,200	Northeast Airlines	1	2¾	Sale	3	Sale	3¼	Sale	2⅝ Aug 5	3¼ Aug 28	2½ Apr 15	4⅝ July 25
60	3,350	North Pennsylvania RR	50	57	58	66¼	67¼	65½	67	65½ Aug 27	67½ Aug 12	57½ Jan 16	67½ Aug 12
2,260	9,130	North Ind PS 4¼% pfd	100	93½	Sale	93¾	Sale	94¼	94½	93 Aug 13	94¾ Aug 14	92 Jan 11	96 Mar 6
1,200	702,300	Nor Rankin Nickel Mines	1	3/16	¼	¼	Sale	--	--	¼ Aug 1	1/16 Aug 1	1/16 Jan 4	1/16 Jan 7
54,300	147,400	Novo Industrial Corp	1	5⅞	Sale	9⅜	Sale	11⅜	Sale	9⅛ Aug 5	12¼ Aug 23	5⅞ Jan 2	12¼ Aug 23
27,900	405,800	Nuclear Corp of Amer	10c	2¼	Sale	1⅝	Sale	1⅝	Sale	1½ Aug 5	1¾ Aug 26	1½ Apr 8	2⅜ Jan 3
7,300	96,300	Oak Manufacturing Co	1	13⅜	Sale	14½	Sale	15⅜	Sale	14⅜ Aug 7	15⅜ Aug 30	13 Jan 3	17¼ May 17
476,500	2,395,400	Occidental Petroleum	20c	20⅜	Sale	27⅛	Sale	32⅞	Sale	27⅝ Aug 1	33⅜ Aug 22	19⅝ Jan 30	33⅜ Aug 22
89,900	535,600	Ogden Corp	50c	5	Sale	5¼	Sale	6½	Sale	5¼ Aug 1	6⅝ Aug 15	4¾ Mar 20	6⅝ Aug 15
13,100	86,150	Ohio Brass Co	1	23¼	Sale	33	Sale	33¾	34	31¾ Aug 13	34¼ Aug 28	23¼ Jan 2	34¼ Aug 28
550	6,730	Ohio Power 4½% pfd	100	98	Sale	99¾	Sale	100	100¾	99¾ Aug 1	101¼ Aug 19	98 Jan 2	101¼ Aug 19
6,100	59,000	Old Town Corp common	1	11⅛	11½	9	Sale	8⅝	8¾	8⅝ Aug 8	9⅛ Aug 5	7¾ Apr 18	11⅝ Jan 25
2,000	43,100	40c preferred	7	5	5¼	3⅞	4	4⅜	4⅝	4¼ Aug 21	4¾ Aug 2	4¼ Aug 21	6⅛ Jan 25
3,950	48,550	O'okiep Copper Co Ltd— American shares	10c	51	Sale	66⅜	Sale	72½	Sale	66⅜ Aug 1	73 Aug 19	51 Jan 2	74¾ May 14
5,000	36,000	O'Sullivan Rubber Corp	1	6⅞	Sale	5	Sale	5	Sale	5 Aug 1	5⅜ Aug 19	4⅞ July 29	7⅜ Feb 14
2,200	13,100	Overseas Securities Co	1	10¾	Sale	13½	13¾	13⅜	13⅝	13 Aug 23	13⅝ Aug 5	10⅜ Jan 4	14¼ Jun 3
1,500	41,000	Oxford Electric Corp	1	3⅝	3¾	3⅞	4	3¾	Sale	3¾ Aug 19	4 Aug 2	3⅝ Jan 14	4½ Jan 24
21,400	191,800	Oxford Mfg Co class A	1	--	--	20¾	Sale	20⅝	Sale	20¼ Aug 19	22¾ Aug 6	‡17⅝ May 17	22¾ Aug 6
2,200	26,000	Pacific Clay Products	8	25½	Sale	35	Sale	33¼	33⅝	33⅛ Aug 14	35 Aug 1	25½ Jan 2	37¼ July 9
22,100	141,300	Pacific Coast Co common	1	10	Sale	10	Sale	10	Sale	9¾ Aug 30	10⅜ Aug 7	9⅝ July 26	13¼ Feb 27
350	2,695	5% conv preferred	25	20	Sale	20¼	21	20¼	Sale	20¼ Aug 30	20½ Aug 12	20 Jan 2	22 Mar 19
600	1,900	6% conv 2nd pfd A	25	18¾	19¾	22	23	21¼	22	22 Aug 6	22⅛ Aug 6	19¾ Jan 8	23 May 6
58,900	417,600	Pacific Coast Props Inc	1	7⅜	Sale	10¾	Sale	10¼	Sale	9⅝ Aug 27	10⅞ Aug 1	7¼ Jan 4	11½ July 31
14,800	131,400	Pacific G&E 6% 1st pfd	25	33⅛	Sale	33⅜	Sale	33⅜	Sale	32⅞ Aug 7	33⅜ Aug 1	32⅝ Feb 8	35 Jan 17
3,000	27,100	5½% 1st preferred	25	29⅛	29⅜	29¾	30	29⅞	Sale	29¾ Aug 30	30¼ Aug 2	29¼ Jan 9	31¼ Jun 4
2,500	18,800	5% 1st preferred	25	27¼	Sale	27⅞	28¼	28½	Sale	27¾ Aug 2	28⅞ Aug 29	26¾ Apr 25	29⅜ Jun 21
7,200	64,400	5% red 1st preferred	25	27¼	Sale	27	Sale	26⅜	26¾	26½ Aug 5	27 Aug 1	26½ Apr 17	27⅜ Feb 1
4,100	24,800	5% red 1st preferred A	25	27	27½	27⅜	27¾	27	27⅜	26½ Aug 20	27⅝ Aug 2	26½ Aug 20	27¾ May 2
2,100	35,800	4.80% red 1st preferred	25	26¾	Sale	26½	26¾	27	27¼	26¾ Aug 2	27¼ Aug 16	26 Feb 6	27⅝ July 11
1,600	25,400	4.50% red 1st preferred	25	24¾	25¼	25	25¼	24¾	Sale	24¾ Aug 12	25⅛ Aug 14	24⅝ Feb 15	26 Apr 17
3,300	17,800	4.36% red 1st preferred	25	24⅛	24½	24¼	24¾	24½	24⅞	24 Aug 7	24¾ Aug 13	24 Aug 7	25⅛ Jan 28
8,700	135,300	Pacific Industries Inc	2	4	Sale	4¼	Sale	4¼	Sale	4 Aug 14	4¼ Aug 1	3½ May 2	5⅛ Jan 9
1,890	20,680	Pacific Lighting $4.50 pfd	*	99⅝	Sale	100⅝	Sale	100	100½	99⅞ Aug 5	100¾ Aug 2	98¾ Jun 19	101 Jan 30
270	3,490	$4.40 div cum pfd	*	96	96¾	97½	98¼	97	Sale	97 Aug 30	98 Aug 7	96¼ Jan 7	99¼ Jun 13
1,570	8,910	$4.75 div preferred	*	102	102¼	102	102¾	102	102¾	102 Aug 16	103½ Aug 21	101¼ Mar 15	104½ Jan 28
300	1,640	Conv $4.75 div pfd	*	156	162	149¼	Sale	152	155	149¼ Aug 1	152½ Aug 16	140 May 7	163½ Jan 24
1,580	8,110	$4.36 div preferred	*	95¼	95¾	96½	Sale	97	97¾	96 Aug 1	97 Aug 7	95⅛ Jan 11	98⅜ Apr 3
12,400	93,700	Pacific Northern Airlnes	1	3⅛	Sale	3⅜	Sale	3¾	Sale	3¼ Aug 6	3⅞ Aug 15	3 Jan 22	4 May 27
44,300	269,800	Pacific Northw't Bell Tel	11	23¾	Sale	23¾	Sale	24¼	Sale	23¾ Aug 1	25¼ Aug 16	22⅝ Jun 19	26¾ Feb 19
25,900	233,700	Pacific Petroleums Ltd "wts"		6⅛	Sale	6	Sale	6⅜	Sale	5¾ Aug 9	7½ Aug 16	5¾ Feb 28	8⅝ May 10
1,000	8,660	Pacific Pwr & Lt 5% pfd	100	103	103⅞	104½	105¼	102¾	Sale	101¾ Aug 20	105 Aug 14	101¾ Aug 20	106¾ May 29
2,300	12,400	Packer's Super Markets	1	3¾	3⅞	4¼	Sale	4	Sale	4 Aug 30	4⅝ Aug 5	3¾ Jan 3	4⅝ Mar 6
35,300	307,400	Paddington Corp cl A	50c	56	Sale	58	Sale	56	Sale	53⅛ Aug 19	58 Aug 1	51⅜ Mar 1	66½ May 22
5,400	57,300	Page-Hersey Tubes Ltd	*	19⅜	Sale	18¼	Sale	18⅜	Sale	17¾ Aug 9	18¾ Aug 5	17¾ Aug 9	21¾ Jan 8
8,400	69,500	Pall Corp class A	1	36⅝	Sale	36⅛	Sale	37½	Sale	35⅝ Aug 28	39 Aug 8	35½ July 24	42½ Jun 3
379,900	644,200	Pancoastal Petroleum vtc 2B		½	Sale	1/16	Sale	1⅜	Sale	1/16 Aug 1	1⅝ Aug 29	1/16 Jan 3	1⅝ Aug 29
12,200	67,200	Pantasote Co	1	3⅝	Sale	3½	Sale	4⅜	Sale	3¼ Aug 12	4⅜ Aug 30	3⅛ Apr 26	4⅜ Jan 24
11,800	34,200	Park Chemical Company	1	5⅞	Sale	7⅛	7½	8⅝	9	7⅛ Aug 6	9⅝ Aug 15	5⅞ Jan 2	9⅝ Aug 15
12,400	49,600	Park Electrochemical A	10c	8	8½	8¾	9⅛	10¾	Sale	8¼ Aug 5	10¾ Aug 30	6½ May 9	10¾ Aug 30
900	14,700	Parker Pen Co class A	2	19½	19¾	24½	24⅞	24	24½	24⅛ Aug 29	24¾ Aug 5	19¾ Jan 3	24⅞ July 31
1,600	36,300	Class B	2	19	19½	24¼	24½	24⅛	24⅜	24⅛ Aug 26	24⅝ Aug 20	19¼ Jan 7	24⅞ July 29
85,000	292,800	Parkersburg-Aetna Corp	1	8¾	9	10½	Sale	11½	Sale	10½ Aug 1	12 Aug 29	8¾ Jan 8	12 Aug 29
7,800	51,000	Parvin Dohrmann Co— Common	50c	--	--	14¼	14⅜	13	Sale	13 Aug 23	14½ Aug 7	11½ Jun 25	16 Jun 27
100	700	$2.50 conv preferred	2.50	--	--	57	Sale	57	57½	57 Aug 1	57½ Aug 1	54¾ Jun 24	57½ Aug 1
22,300	101,800	Pato Cons Gold Dredging	1	3 1/16	Sale	3 1/16	3⅛	3¼	Sale	3 1/16 Aug 2	3 1/16 Aug 12	3 Jan 15	3 11/16 Aug 12
1,500	14,400	Penn Traffic Co	2.50	7⅛	7½	6¾	7	6⅞	7	6⅞ Aug 7	7 Aug 14	6⅞ Apr 1	7½ May 17
12,300	551,300	Pentron Electronics Corp	1	2⅛	Sale	1⅞	Sale	1⅝	1¾	1⅝ Aug 28	2 Aug 2	1½ Apr 9	2½ Jan 9
1,700	31,500	Pep Boys (The)	1	11⅞	12¼	11⅞	12	12¼	Sale	12 Aug 5	12⅜ Aug 26	11½ Apr 4	13½ Apr 26
3,600	27,000	Pepperell Mfg Co (Mass)	20	71¾	72½	84	Sale	81¼	82	80⅝ Aug 2	84 Aug 1	72¼ Jan 3	84 July 23
2,700	25,900	Pepsi-Cola Bottling Co of Long Island Inc	25c	9¾	Sale	9¼	Sale	9¾	Sale	9¼ Aug 1	10 Aug 29	8¼ Mar 12	10 Jan 10
33,400	681,400	Perfect Photo	*	5	Sale	4⅜	Sale	4¾	Sale	4⅛ Aug 6	5½ Aug 16	4⅛ Aug 6	7⅛ Jan 21
44,300	550,500	Permian Corporation	10c	12⅞	Sale	13	Sale	13⅜	Sale	11⅞ Aug 29	14¼ Aug 15	11⅞ Aug 29	16 Apr 15
25,400	208,100	Peruvian Oils & Minerals	1	¾	Sale	1/16	Sale	9/16	Sale	½ Aug 27	1/16 Aug 1	½ Aug 27	⅞ Apr 8
45,600	429,400	Phillips-Eckardt Elec	1	5⅝	Sale	8	Sale	7⅛	Sale	6¾ Aug 21	8⅛ Aug 12	5⅜ Apr 10	8⅝ July 30
176,300	278,800	Phillips Electronics & Pharmaceutical Industries	5	25	Sale	32⅛	Sale	44½	Sale	32⅛ Aug 1	47⅛ Aug 12	23½ Apr 11	47⅛ Aug 12
19,100	38,400	Philippine Long Dist Tel	5	4	Sale	5¼	Sale	5⅜	Sale	4¾ Aug 21	6½ Aug 2	3¾ Jan 9	6½ Aug 2
3,400	23,200	Phillips Screw Company	10c	3⅞	4	4¼	Sale	4⅜	Sale	4⅛ Aug 8	4⅜ Aug 2	3⅞ Jan 4	4⅞ May 29
33,000	231,700	Phoenix Steel Corp (Del)	4	11⅜	Sale	13⅜	Sale	11¾	Sale	11½ Aug 29	13⅜ Aug 1	9½ Apr 4	13⅞ July 31
4,000	33,600	Piasecki Aircraft Corp	1	6⅜	Sale	6⅝	Sale	6½	Sale	6¼ Aug 27	6¾ Aug 2	5⅞ Jan 16	8¾ Apr 30
5,400	61,500	Pierce Industries Inc	1	7	7¼	6¾	Sale	6¾	Sale	6½ Aug 9	6⅞ Aug 1	6½ Apr 30	8½ Feb 18
4,400	44,400	Pioneer Plastics Corp	1	9⅜	Sale	9	Sale	8⅞	Sale	8½ Aug 7	9 Aug 1	8½ Aug 7	10 Jan 10
4,150	125,400	Pitts & Lake Erie RR	50	104½	106½	112¾	Sale	120	Sale	112¼ Aug 2	126 Aug 28	105 Jan 7	126 Aug 28
42,900	268,600	Pittsburgh Railways Co	*	23¼	Sale	29½	Sale	27⅞	Sale	24 Aug 14	31¼ Aug 2	21½ Jan 17	32¾ July 18
4,700	72,900	Plant Industries Inc	50c	--	--	3¼	Sale	2⅞	3	2⅞ Aug 9	3¼ Aug 1	2¼ Jun 21	5 Jan 11
3,200	33,800	Plastic Materials & Polymers Inc	10c	3½	Sale	3⅛	3⅜	3⅜	3½	3⅛ Aug 6	3⅜ Aug 13	2⅞ Apr 26	4⅛ Feb 19
9,200	60,400	Plume & Atwood Mfg Co	*	8⅜	8⅝	9⅝	9⅞	9¾	10	9¼ Aug 16	10½ Aug 6	7⅝ Apr 3	10½ Aug 6
2,200	8,100	Pneumatic Scale Corp	10	34¼	35¾	37	38	47¾	Sale	36 Aug 13	48¼ Aug 30	33 Apr 15	48¼ Aug 30
38,600	254,900	Polarad Electronics	50c	4½	Sale	4⅛	Sale	4	Sale	3½ Aug 16	4⅜ Aug 30	3½ Aug 16	6 Jan 23
5,000	47,100	Poloron Products class A	1	1½	1¾	2½	2⅝	2⅜	Sale	2¼ Aug 30	2⅝ Aug 5	1½ Jan 7	2⅞ July 16
10,600	68,500	Polycast (The) Corp	2.50	4¾	Sale	3⅛	Sale	4½	Sale	2⅜ Aug 9	4½ Aug 29	2⅜ Aug 9	6⅞ Feb 27
3,400	13,100	Polychrome Corp	1	--	--	6¼	Sale	4⅞	5	4⅞ Aug 28	6¼ Aug 1	4⅞ Aug 28	7⅞ Apr 29
4,100	37,500	Polymer (The) Corp cl A	1	12⅞	Sale	12⅝	Sale	12⅛	Sale	11¾ Aug 30	12⅞ Aug 8	11⅛ Apr 10	13⅞ May 27
100	5,100	Powdrell & Alex'er (Del)	2½	9¼	10¼	14¼	15	--	--	15¼ Aug 5	15¼ Aug 5	9½ Jan 15	15¼ Aug 5
7,300	80,100	Power Corp of Canada	*	--	--	8¼	8⅝	8 5/16	8 9/16	8⅛ Aug 19	8 11/16 Aug 8	7½ July 19	9⅞ May 17
15,000	262,200	Prairie Oil Royalties Ltd	1	2 11/16	Sale	2 9/16	2 11/16	2 11/16	Sale	2 1/16 Aug 5	3 Aug 13	2½ Jun 20	3⅞ Feb 15
3,650	16,650	Pratt & Lambert	*	31	Sale	31¼	Sale	32¼	Sale	29⅛ Aug 1	32¼ Aug 30	29⅛ Aug 1	35½ Jun 10
8,900	56,400	Precision Microwave Corp	1	2½	Sale	1¼	Sale	1¼	Sale	¾ Aug 26	1½ Aug 6	¾ Aug 26	3⅛ Jan 24
800	14,000	Precisionware Inc	1	3¼	Sale	3¼	3⅝	3½	Sale	3⅜ Aug 2	3⅝ Aug 14	3⅛ May 1	3⅞ Feb 18
14,600	154,300	Prentice-Hall Inc	66⅔c	34½	Sale	31½	Sale	33	Sale	31 Aug 2	33½ Aug 15	29 Jun 6	37 Jan 17
3,100	33,500	Presidential Realty— Class A	10c	8⅜	Sale	7⅝	7⅞	8½	Sale	7¾ Aug 2	8⅞ Aug 16	7⅝ Apr 5	8⅞ Aug 16
6,600	65,300	Class B	10c	8⅛	Sale	7⅝	7⅞	8¾	Sale	7⅝ Aug 2	8¾ Aug 30	7⅛ July 29	8¾ Aug 30
17,400	155,200	Preston Mines Ltd	*	6⅜	Sale	7¾	Sale	7⅝	Sale	7⅜ Aug 27	7⅞ Aug 1	6 1/16 Jan 3	9¼ Jun 3
8,400	139,200	Proctor-Silex (The) Corp	1	3⅞	Sale	4½	4¾	4¼	Sale	4⅛ Aug 15	4⅝ Aug 2	3⅝ Jan 21	5⅝ Jun 25
49,100	212,900	Progress Mfg Company Inc	1	10⅛	Sale	14⅞	Sale	15⅞	Sale	14⅞ Aug 1	17½ Aug 26	10⅛ Jan 2	17½ Aug 26
900	8,500	$1.25 conv preferred	20	20⅛	21¾	23⅝	24¼	23½	24½	23⅝ Aug 5	24½ Aug 27	21¾ Jan 17	24½ Aug 27
3,500	51,700	Prophet (The) Company	1	23¾	24	22½	23	22½	22⅞	22¼ Aug 5	22⅞ Aug 8	22¼ Jun 27	25⅝ Feb 27
6,500	51,600	Providence Gas Co	*	12½	Sale	13⅝	Sale	13⅞	Sale	13½ Aug 2	13⅞ Aug 9	12¼ Jan 21	14⅜ Apr 18
400	5,820	Public Service of Colorado— 4¼% cum preferred	100	93¾	95	94¾	95½	93½	Sale	92½ Aug 28	94½ Aug 7	92½ Mar 1	96 July 2
2,200	47,000	Puerto Rico Telephone	20c	49¼	50	65	Sale	66⅝	Sale	65 Aug 1	67 Aug 16	49¼ Jan 4	69¾ Jun 12
8,900	38,000	Puritan Sportswear Corp	*	9	Sale	11¾	Sale	13⅛	13¼	11¾ Aug 1	13⅞ Aug 16	9 Jan 2	13⅞ Aug 16
42,800	394,500	Pyle-National Co	5	26⅛	Sale	37⅞	Sale	39⅝	Sale	33¼ Aug 21	39⅝ Aug 30	23⅛ Mar 19	39⅝ Aug 30
5,000	136,500	Quality Importers Inc	1	8¾	Sale	11⅜	Sale	11½	11¾	11⅜ Aug 2	12¼ Aug 5	8½ Feb 26	14¼ May 16
3,100	43,900	Quebec Lithium Corp	1	2¼	2⅜	2 1/16	2¼	2	2⅛	2 Aug 12	2⅛ Aug 6	2 Aug 12	3⅛ Jan 21
----	3,025	Quebec Power Company	*	32¾	Sale	32½	36½	31¼	36	-- ------	-- ------	32½ Jan 3	34 Feb 28

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Aggregate Sales in August Shares	Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
55,000	493,700	Radiation Inc	25c	8½	Sale	14⅝	Sale	12⅞	Sale	12⅜ Aug 28	15⅞ Aug 5	8½ Jan 2	16 July 8
800	8,700	Ramco Enterprises Inc cl A	*	10¾	Sale	10⅝	Sale	10¾	11⅛	10⅝ Aug 1	11 Aug 7	10½ Feb 11	11¼ Jan 8
20,200	234,700	Ramer Industries Inc	20c	8¾	Sale	6⅛	Sale	5½	Sale	5¼ Aug 19	6¼ Aug 1	5⅛ May 1	9¼ Jan 8
25,600	345,400	Ramo Inc class A	1	6¾	7	10½	Sale	9⅜	Sale	9¼ Aug 19	11⅛ Aug 2	6¾ Jan 3	16 Feb 19
51,800	701,500	Rapid American Corp	1	18	Sale	7⅝	Sale	6⅝	Sale	5⅜ Aug 19	7⅝ Aug 1	5⅜ Aug 19	19⅝ Feb 6
11,900	96,900	Rath Packing Co	10	11⅛	Sale	10⅝	Sale	11⅞	Sale	10½ Aug 2	12¼ Aug 9	10⅛ July 23	14½ Feb 25
164,500	625,600	Rayette Inc	40c	23¼	Sale	50⅞	Sale	57½	Sale	50⅝ Aug 1	63¼ Aug 20	23 Mar 1	63¼ Aug 20
10,500	119,000	Real Estate Investment Trust of America	1	20¼	Sale	21⅛	Sale	22¼	Sale	20¾ Aug 9	22⅜ Aug 16	19⅜ Jan 22	23⅜ May 16
17,100	193,000	Real Properties Corp of America class A	1	9¼	Sale	6⅞	Sale	7⅞	Sale	6⅝ Aug 7	8½ Aug 26	5⅞ Apr 24	9¼ Jan 2
4,100	53,600	Realty Equities of N Y	1	7⅛	7⅜	6⅛	6¼	6⅛	6½	6⅛ Aug 5	6⅜ Aug 5	6⅛ Aug 5	7⅝ Jan 4
3,900	33,200	Warrants		1⅝	1¾	1⅛	1¼	1⅛	Sale	1⅛ Aug 6	1¼ Aug 7	1⅛ Aug 6	2 Feb 1
1,100	6,800	Reda Pump Company	1	27	28	27½	28¾	28⅜	29	28¼ Aug 12	28⅞ Aug 27	27 Jan 21	30½ May 21
43,600	371,000	R. E. D. M. Corp	25c	—	—	7¾	Sale	8	Sale	7¼ Aug 13	8½ Aug 22	5⅜ May 13	9⅜ July 10
103,300	173,300	Reeves Broadcasting & Development Corp	1	2⅛	2⅜	2¾	3	3⅛	Sale	2¾ Aug 12	3½ Aug 16	2⅛ Jan 3	3⅝ Jun 5
218,700	648,800	Reeves Industries Inc	5c	3⅜	Sale	3⅞	Sale	4⅜	Sale	3¾ Aug 2	5⅛ Aug 13	2⅞ May 27	5⅛ Aug 13
13,600	92,000	Reis (Robert) & Co	1	⅝	Sale	— ⅝	Sale	⅝	Sale	½ Aug 30	⅞ Aug 5	½ Aug 30	⅞ Jan 8
23,400	‡168,200	Reliance Insurance	5	--	--	43⅛	Sale	43⅝	Sale	42½ Aug 5	45¼ Aug 8	‡41 Apr 19	46⅛ July 12
19,300	140,400	Remington Arms Co Inc	1	11	Sale	12	Sale	12¼	Sale	11½ Aug 9	12¾ Aug 23	11 Jan 2	13¾ Apr 3
14,100	41,000	Republic Foil Inc	1	15½	15¾	18½	Sale	21	Sale	18 Aug 1	21½ Aug 16	14 Mar 11	21½ Aug 16
21,500	292,200	Republic Industrial Corp	1	3¾	Sale	5½	Sale	5⅜	Sale	5¼ Aug 9	5½ Aug 1	3⅝ Jan 3	5⅝ July 31
5,800	75,200	Republic-Transcon Indus	*	4⅛	Sale	4⅛	4¼	4⅛	4⅜	4 Aug 5	4⅞ Aug 14	4 Apr 4	5⅜ Jan 14
13,500	104,600	Resistoflex Corp	1	14¼	Sale	15⅞	Sale	16½	Sale	14⅞ Aug 22	16½ Aug 30	14¼ Jan 2	18¾ Jan 30
34,500	166,100	Restaurant Assoc't's Inc	10c	8½	Sale	7¼	Sale	6⅞	Sale	6⅛ Aug 23	7¼ Aug 1	6⅛ Aug 23	9⅛ Jun 20
113,200	3,304,100	RIC Group Inc	1	--	--	11⅝	Sale	11⅛	Sale	10⅞ Aug 13	12½ Aug 22	4⅜ Jan 2	14½ Jun 4
700	17,400	Rico Argentine Mining	50c	1⅝	1⅞	2½	Sale	2½	Sale	2⅜ Aug 20	2½ Aug 1	1⅝ Jan 16	2¾ Jun 3
----	17,200	Ridgeway Corp	1	6¼	6¾	7½	8	7½	8	-- ------	-- ------	6⅝ Jan 8	8¾ Mar 11
22,100	261,000	Rio Algom Mines Ltd	*	10¾	Sale	--	--	12¼	Sale	12⅛ Aug 28	12¾ Aug 7	10⅝ Jan 2	14 May 9
25,000	373,800	Warrants series A		⅜	1⅝	⅜	Sale	⅜	Sale	⅜ Aug 1	1⅝ Aug 6	⅜ Jan 3	½ Jan 22
32,400	249,400	Rio Grande Valley Gas— Vtc extended	1	4⅞	Sale	6½	Sale	5¾	Sale	5¾ Aug 21	6⅝ Aug 1	4⅞ Jan 2	6⅝ July 31
7,500	53,000	Ritter Finance Co Inc— Class B common	1	4⅝	Sale	5⅛	5¼	5⅛	Sale	5 Aug 21	5⅜ Aug 6	4⅝ Jan 2	5⅞ Jan 25
30,200	137,300	Robinson Technical Prod	20c	8¾	Sale	6⅜	Sale	5¾	Sale	5½ Aug 5	6⅜ Aug 1	5½ Aug 5	9⅞ Jan 8
2,180	6,220	Rochester Gas & Electric— 4% preferred F	100	85⅛	Sale	87¾	88½	87½	Sale	86½ Aug 19	87¾ Aug 7	85 Jan 3	89½ Jan 23
700	10,800	Rodney Metals Inc	1	4⅛	4⅜	4	4⅛	4⅛	4⅜	3¾ Aug 7	4¼ Aug 28	3¾ Aug 7	5¼ Jan 21
4,400	28,400	Rogers Corporation	*	11¾	12	12	12½	13¾	Sale	11⅞ Aug 14	14 Aug 30	11½ Apr 2	14¼ Apr 29
17,700	53,300	Rollins Broadcasting Inc	1	14	Sale	17	Sale	16	Sale	16 Aug 22	17½ Aug 9	13¼ Jan 24	17¾ Apr 16
100	6,800	Rolls-Royce Ltd— American dep rcts reg	£1	3½	3⅞	4⅛	5	4⅝	5	5 Aug 7	5 Aug 7	3¾ Jan 21	5 July 31
3,100	29,400	Roosevelt Field Inc	1.50	5	Sale	3⅛	3¼	4	4¼	3¼ Aug 13	4¼ Aug 16	3¼ Jun 6	6 Jan 15
9,200	‡45,800	Roosevelt Raceway	1.20	--	--	13½	Sale	13½	Sale	13 Aug 19	13¾ Aug 9	13 Aug 19	16 Apr 18
6,100	52,300	Rosenau Brothers Inc	1	7⅝	8	9¼	Sale	9⅛	Sale	9 Aug 14	10 Aug 2	7¼ Mar 22	10 Aug 2
13,800	159,100	Ross Products Inc	1	4⅛	4⅜	5½	Sale	5⅛	Sale	4⅞ Aug 2	5½ Aug 1	3⅝ Mar 1	8 Jun 10
1,100	35,400	Rowland Products Inc	5	8¾	Sale	8¾	9	8⅛	8⅜	8⅛ Aug 21	8¾ Aug 2	7 Feb 11	10⅜ Jan 7
6,100	44,800	Roxbury Carpet Co	1	11	Sale	10	Sale	9⅛	9⅜	9⅛ Aug 16	10 Aug 1	9⅛ Aug 16	12⅞ Feb 19
18,900	193,200	Royal American Indus	50c	2⅛	Sale	1¾	Sale	1⅝	Sale	1⅝ Aug 12	1¾ Aug 1	1⅝ July 25	3⅛ Mar 25
11,300	88,100	Royal School Laboratories	1c	11⅞	Sale	8¾	Sale	8⅞	Sale	8 Aug 28	9⅜ Aug 6	8 Aug 28	12⅞ Jan 10
21,100	70,900	Royalite Oil Co Ltd	*	13½	Sale	10⅛	10¼	13¼	Sale	10 Aug 2	13¼ Aug 28	9¾ July 22	13½ Jan 2
27,800	315,600	Rusco Industries	1	3¾	Sale	3⅞	Sale	4	Sale	3¾ Aug 5	4¼ Aug 16	3⅝ Jan 2	5¼ May 13
26,400	285,800	Russeks Inc	50c	2¼	Sale	3¼	Sale	3¼	Sale	3⅛ Aug 9	3½ Aug 6	2¼ Jan 2	4 May 31
32,700	280,100	Russ Togs Inc class A	1	15⅛	Sale	15½	Sale	16⅛	Sale	15⅛ Aug 7	17 Aug 27	14⅞ Jan 2	17⅝ May 8
8,500	17,000	Ryan Consol Petroleum	1	3⅛	Sale	2⅝	Sale	2¾	Sale	2⅜ Aug 20	2⅞ Aug 2	2 Jun 26	3½ Jan 27
7,900	45,900	Ryerson & Haynes	1	3½	3¾	4⅛	Sale	3⅝	3¾	3½ Aug 16	4⅛ Aug 6	3 Mar 18	4½ Jun 21
1,100	17,400	St Lawrence Corp Ltd	*	20⅝	20⅞	19⅞	20⅜	20	20⅛	19 Aug 16	20 Aug 28	19 Aug 16	21 Mar 19
10,500	59,100	Salem-Brosius Inc	2.50	2⅝	Sale	2¼	Sale	2¼	Sale	2⅛ Aug 2	2⅜ Aug 1	2⅛ Aug 2	3¼ Jan 9
13,800	198,800	San Carlos Milling Co Ltd	16 pesos	7¼	7½	13¾	14⅛	14¾	Sale	10¼ Aug 15	15¼ Aug 30	7⅜ Jan 7	24 May 21
3,200	15,600	San Diego Gas & Elec Co— Cum pfd 5% series	20	21⅞	22	21⅞	Sale	21½	22⅛	21¼ Aug 5	22¼ Aug 12	21¼ Aug 5	23 Apr 9
1,000	6,000	Cum pfd 4½% series	20	19¼	20	20	20¾	19⅝	20⅛	19¼ Aug 8	19⅝ Aug 27	19¼ Aug 8	20⅜ May 16
100	5,900	Cum pfd 4.40% series	20	19¼	20	19½	20	19¼	19¾	20 Aug 8	20 Aug 8	19½ Jan 4	22½ Apr 5
12,100	138,500	Sarcee Petroleums Ltd	50c	⅞	1⅛	1	1 1/16	1⅛	Sale	1⅛ Aug 7	1⅛ Aug 29	1⅛ Jan 4	1 1/16 Jan 28
12,500	114,400	Savoy Industries Inc	25c	8⅛	8⅜	10½	Sale	10⅞	Sale	10⅜ Aug 2	11⅜ Aug 16	8⅛ Jan 3	11¾ Apr 22
6,100	38,900	Saxon Paper Corp com	25c	5⅛	5½	5¼	Sale	5½	Sale	5⅛ Aug 6	5⅝ Aug 15	4⅞ May 17	5⅞ Mar 8
4,400	35,100	6% conv preferred	10	9⅝	Sale	10¼	Sale	10⅝	11	10¼ Aug 1	11 Aug 13	9¼ Mar 27	11 Aug 13
13,500	167,500	Sayre & Fisher Co	1	3⅞	Sale	4	4⅛	3⅞	Sale	3¾ Aug 2	4¼ Aug 26	3¾ Aug 2	5½ Mar 4
8,100	148,400	Screen Gems Inc	1	17¼	18	21⅛	Sale	23⅝	Sale	21 Aug 5	24½ Aug 15	16¾ Feb 28	25⅜ May 8
399,700	1,491,450	Scurry-Rainbow Oil Ltd	3.50	9¼	Sale	16	Sale	19	Sale	14⅞ Aug 21	19⅝ Aug 28	9¼ Jan 2	19⅝ Aug 28
2,100	50,400	Seaboard Allied Mill'g Cp	1	6⅛	6½	7¾	Sale	7⅛	7¼	7⅛ Aug 23	7⅞ Aug 2	6¼ Jan 9	8¾ Apr 23
2,600	48,200	Seaboard Plywood & Lum	1	2⅞	3	2½	2⅝	2½	Sale	2⅜ Aug 26	2⅝ Aug 8	2⅜ Aug 26	4½ Feb 21
547,700	1,928,400	Seaboard World Airlines	3	5⅝	Sale	5⅜	Sale	6⅝	Sale	5¼ Aug 1	6¾ Aug 26	4¾ Mar 11	6¾ Aug 26
9,500	70,100	Sealectro Corp	25c	6⅞	7	6⅛	Sale	6	Sale	5½ Aug 19	6¼ Aug 6	5½ Aug 19	9⅛ Jan 28
11,000	66,000	Season-All Industries Inc	1	--	--	7⅝	8	4⅞	Sale	4⅞ Aug 30	7⅜ Aug 7	4⅞ Aug 30	12 Jan 16
2,000	42,000	Security Freehold Petrol	*	6⅜	Sale	6½	6⅝	--	--	6 Aug 12	6⅞ Aug 15	6 Feb 13	7 1/16 Apr 29
59,200	718,400	Seeburg (The) Corp	1	13¼	Sale	18⅞	Sale	19½	Sale	18½ Aug 2	20¼ Aug 22	13 Jan 2	21¼ Jun 24
89,000	546,200	Seeman Bros	3	9¾	Sale	8¼	Sale	9¼	Sale	7 Aug 8	9⅞ Aug 16	7 Aug 8	11¾ Jan 24
8,000	73,300	Seligman & Latz Inc	1	13½	Sale	16	Sale	16⅛	Sale	16 Aug 1	18½ Aug 12	12½ Feb 28	18⅞ July 10
8,600	238,200	Servo Corp of America	1	4¼	Sale	5⅛	Sale	4⅞	Sale	4⅞ Aug 1	5¼ Aug 8	4 Mar 13	7¾ Jun 25
8,500	97,600	Servomechanisms Inc	20c	4	Sale	3¾	4	3½	3⅝	3½ Aug 8	3⅞ Aug 7	3½ Mar 20	5¼ May 1
3,400	41,930	Seton Leather	*	11¼	11¾	14⅝	Sale	14⅝	Sale	13½ Aug 16	14⅝ Aug 1	10⅝ Apr 19	16¼ Jun 26
6,800	43,000	Shaer Shoe Corp	1	--	--	7⅜	Sale	7¼	Sale	7 Aug 28	7⅝ Aug 6	6⅞ Jun 7	9½ Mar 14
117,200	360,800	Shattuck Denn Mining	5	5	Sale	8¾	Sale	9⅛	Sale	8¼ Aug 5	10¼ Aug 19	5 Jan 2	10¼ Aug 19
500	365,600	Shawinigan Water & Pwr	*	27⅜	Sale	22	28	26¼	26½	26¼ Aug 21	26¼ Aug 21	26¼ July 29	28 Feb 27
25,800	175,300	Sherwin-Williams Co	12.50	80¼	Sale	79⅝	Sale	84½	Sale	78¼ Aug 12	86¼ Aug 26	74¾ Feb 12	89½ Jun 3
380	1,590	4% preferred	100	94¾	96	98	98½	98½	100½	97¾ Aug 12	99¼ Aug 27	96 Jan 11	100 Jun 7
225	2,500	Sherwin-Williams of Can	*	21¾	23	22¼	23½	23	Sale	23 Aug 30	24 Aug 7	23 Mar 26	25 Jan 25
39,200	230,900	Siboney-Caribbean Pet	10c	¼	Sale	3/16	Sale	3/16	Sale	3/16 Aug 1	5/16 Aug 6	3/16 May 29	⅜ Apr 1
132,800	1,424,400	Signal Oil & Gas class A	2	26¼	Sale	27½	Sale	27⅛	Sale	26¾ Aug 27	28 Aug 1	25 Mar 6	31⅞ May 22
650	3,025	Class B	2	26¾	28	28¾	Sale	27½	28½	27 Aug 22	29½ Aug 1	26¼ Mar 7	32½ May 22
36,000	99,500	Silicon Transistor Corp	20c	4⅜	Sale	4¼	4½	6	Sale	4½ Aug 2	6¼ Aug 15	3⅝ May 7	6¼ Aug 15
101,100	741,500	Silver Creek Precision	10c	¾	Sale	½	Sale	9/16	Sale	½ Aug 1	⅝ Aug 13	⅜ July 1	⅞ Jan 18
3,800	75,700	Silvray Lighting Inc	25c	1⅝	1⅞	2⅜	Sale	2⅜	Sale	2¼ Aug 27	2½ Aug 6	1¾ Jan 14	3⅛ Jun 20
600	7,600	Simca Automobiles— Amer dep receipts	100f	44½	46	29	32	33	35	29½ Aug 9	33½ Aug 29	29½ Aug 9	49¼ Jan 22
550	7,550	Simmons-Boardman Publish Corp $3 conv preferred	*	14¼	Sale	17	Sale	15½	15¾	15½ Aug 28	17½ Aug 5	12½ Mar 25	21 Jun 19
1,900	37,600	Simpson's Ltd common	*	27⅜	27⅞	30¼	Sale	29½	Sale	29½ Aug 27	30⅜ Aug 12	28 Jan 3	32½ Jun 12
5,980	42,580	Sinclair Venezuelan Oil	1	41¼	Sale	53½	Sale	54	Sale	51¼ Aug 14	58½ Aug 23	41¼ Jan 2	60 Apr 29
700	6,400	Singer Mfg Ltd— Am dep rcts ord reg shs	£1	5½	5⅞	5⅛	5⅜	5	5¼	5 Aug 5	5¼ Aug 2	5 July 25	6 Mar 28
21,400	159,600	Skyline Homes Inc cl A	50c	--	--	32½	Sale	39⅜	Sale	32½ Aug 1	39⅜ Aug 30	11 Jan 18	39⅜ Aug 30
10,600	110,900	Slick Airways Inc	*	6⅛	6½	4⅝	Sale	4½	Sale	4½ Aug 30	5⅛ Aug 14	4½ July 26	7⅛ Jan 8
10,500	46,800	Sonotone Corp	1	7½	Sale	6	6¼	6¼	Sale	5¼ Aug 9	6⅜ Aug 29	5¼ Aug 9	8¼ Jan 14
6,600	71,800	Soss Manufacturing Co	1	16	Sale	14⅝	Sale	15¾	Sale	14⅜ Aug 5	16 Aug 28	14⅜ Aug 5	17⅞ Jun 13
6,500	136,100	South Coast Corp	1	27¾	Sale	31½	Sale	31⅜	Sale	31⅛ Aug 29	33⅛ Aug 9	27⅛ Jan 3	40½ May 21
550	11,250	Southern Calif Edison— 5% original pfd	8.33⅓	29	29¾	28¼	29¼	31	32½	29 Aug 5	31¼ Aug 9	28½ July 23	33 May 16
1,500	19,100	4.78% cum preferred	25	26½	Sale	26¼	Sale	26⅝	Sale	26¼ Aug 1	26⅝ Aug 21	26⅛ Feb 28	27¼ Jan 24
7,800	54,500	4.32% cum preferred	25	23¾	Sale	23⅝	23⅞	23¼	23¾	23½ Aug 6	23⅞ Aug 2	23⅛ Apr 11	25 Feb 12
1,100	19,800	4.24% cum preferred	25	23⅝	23¾	24	24⅛	23¾	24	23¾ Aug 7	24⅜ Aug 20	23½ Feb 28	25 Jan 30
1,100	6,400	4.08% preferred	25	22½	23¼	22⅝	22¾	23¼	23½	22¾ Aug 2	23⅝ Aug 21	22⅝ Feb 15	23⅝ Aug 21
9,400	66,900	Southern Calif Petroleum	2	18¼	Sale	19	Sale	18⅝	18¾	18¼ Aug 27	19¼ Aug 7	16 Apr 11	19⅜ July 31
6,800	61,700	Southern Realty & Util	1	2⅝	Sale	2⅝	Sale	2⅞	3	2⅜ Aug 5	3⅛ Aug 15	2⅜ Aug 5	4¼ Feb 26
600	8,200	Southland Royalty Co	5	75	77	79¼	80¾	78¼	79¾	79 Aug 26	79¾ Aug 6	74½ Mar 4	80 Apr 24

For footnotes, see page 96.

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Aggregate Sales in August Shares	Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
4,500	51,600	Speed-O-Print Business Machines Corp	1	11¾	Sale	10¼	Sale	9½	Sale	9⅛ Aug 19	10½ Aug 6	9⅛ Aug 19	14⅞ Apr 23
4,000	48,600	Speedry Chem Prod cl A	50c	5½	5⅞	3¾	Sale	3¾	Sale	3½ Aug 1	3⅞ Aug 28	3½ July 29	6¾ Jan 22
12,200	89,300	Spencer Shoe Corp	1	9⅝	Sale	7¼	Sale	9⅜	Sale	7 Aug 5	9⅜ Aug 30	7 Aug 5	12 Jan 14
172,800	1,084,800	Sperry Rand Corp warrants		7½	Sale	7¾	Sale	8⅛	Sale	7 Aug 20	8¼ Aug 30	6⅝ Apr 2	8¾ Jun 12
24,100	247,200	Sports Arenas Inc	1c	1⅝	Sale	1¼	Sale	1⅜	Sale	1¼ Aug 1	1¾ Aug 21	1¼ July 23	2⅝ Jan 21
18,600	229,200	Standard Brands Paint	1	18⅞	Sale	22¾	Sale	23¾	Sale	22½ Aug 2	25⅛ Aug 13	18⅝ Jan 3	25⅞ May 28
11,000	101,100	Standard Dredging Corp	1	7⅞	Sale	10¾	Sale	10⅜	Sale	9⅞ Aug 23	11⅜ Aug 12	7⅞ Jan 2	11⅝ July 2
1,250	10,010	$1.60 conv preferred	20	23¾	24	26⅞	27	26⅞	Sale	26⅞ Aug 8	27 Aug 2	23¾ Feb 11	27½ July 15
12,300	63,200	Standard Forgings Corp	1	13⅝	Sale	12¾	Sale	15	Sale	12¾ Aug 1	15½ Aug 29	12¾ Apr 18	17¼ Jan 25
358,500	506,900	Standard Metals	3c	4⅛	Sale	3⅞	Sale	4	Sale	3⅛ Aug 6	4⅛ Aug 13	3⅛ Aug 6	4¾ Jan 28
5,600	23,100	Standard Motor Prods Inc— Class A	2	—	—	14½	14⅞	13⅝	Sale	13½ Aug 22	14¾ Aug 7	13½ Aug 22	16⅝ May 23
11,200	120,400	Standard Products Co	1	12¾	Sale	14½	Sale	14⅛	14½	14⅛ Aug 2	15½ Aug 13	11 Mar 5	17¼ Jun 26
3,600	35,200	Standard Shares Inc	1	31¼	32¼	33½	34	33⅞	Sale	32½ Aug 21	34 Aug 2	30 Feb 28	34¼ July 12
5,800	88,000	Standard-Thomson Corp	1	6	Sale	4¾	Sale	5	Sale	4⅝ Aug 16	5⅛ Aug 26	4⅜ July 25	6¼ Jan 14
19,300	45,200	Standard Tube class B	1	3⅝	3⅞	4½	4¾	5⅜	Sale	4⅝ Aug 2	6¼ Aug 7	3⅝ Apr 5	6¼ Aug 7
13,300	203,500	Stanley Aviation Corp	10c	8	8½	13¼	13½	13¼	Sale	12⅜ Aug 7	14⅝ Aug 9	7⅞ Jan 16	19⅛ Jun 12
56,700	588,900	Stanrock Uranium Mines	1	⅞	Sale	¾	Sale	¾	Sale	⅝ Aug 21	1⅛ Aug 9	⅝ July 25	1¼ Feb 13
12,600	150,700	Star Industries Inc cl A	1	22¼	Sale	26⅜	Sale	26⅛	Sale	25¾ Aug 27	27⅞ Aug 13	22⅛ Jan 2	29¾ May 24
10,300	106,700	Statham Instruments Inc	1	9	Sale	12	Sale	11¾	Sale	10½ Aug 16	12⅜ Aug 5	8¼ Mar 15	13⅞ July 15
2,100	49,500	Steel Co of Canada Ltd	*	17¼	17½	18½	18¾	18⅝	Sale	18⅝ Aug 2	19 Aug 14	17⅛ Mar 12	20 May 3
11,300	94,100	Steel Parts Corp	5	17¼	Sale	24	Sale	25⅛	Sale	21 Aug 13	25½ Aug 21	16½ Jan 4	27¼ Jun 24
63,200	487,000	Stelma Incorporated	10c	8	Sale	12⅞	Sale	12⅝	Sale	10⅞ Aug 20	13 Aug 1	7⅜ Apr 23	14⅛ July 11
6,800	80,800	Stepan Chemical Co	1	19⅞	Sale	16	Sale	15¾	Sale	15¾ Aug 19	17⅝ Aug 23	15½ July 16	23½ Feb 8
15,900	205,000	Stephan (The) Co	50c	12⅛	12½	17½	Sale	16⅜	Sale	14½ Aug 13	19¼ Aug 22	12½ Jan 3	21¼ Jun 10
6,100	41,400	Sterling Aluminum Prod	5	10½	10¾	13⅝	Sale	14½	14⅝	13⅝ Aug 1	14⅝ Aug 23	10½ Jan 3	14¾ July 17
2,800	20,900	Sterling Breweries Inc	1	16¼	17¼	17	Sale	16⅞	17	16⅞ Aug 5	17 Aug 1	16¾ Feb 15	17⅞ Mar 27
32,700	470,700	Sterling Precision (Del)	10c	1½	Sale	1½	Sale	1½	Sale	1½ Aug 1	1¾ Aug 2	1⅜ Apr 3	1⅞ Jan 23
500	3,000	Stetson (John B)	*	40	Sale	27¾	28¾	27	28	26¾ Aug 22	27¾ Aug 2	26¾ Aug 22	40 Jan 2
15,900	174,400	Stop & Shop Inc	1	19¾	Sale	19⅞	20⅛	22¼	Sale	19⅞ Aug 2	22¼ Aug 30	19¼ July 29	26⅞ Apr 5
25,800	292,500	Strong Cobb Arner Inc	1	4⅜	Sale	5¼	Sale	5	Sale	4⅞ Aug 23	5⅞ Aug 5	4⅛ Jan 2	6½ May 27
50,600	469,100	Struthers Wells Corp	1	5⅜	Sale	7⅜	Sale	7⅝	Sale	6⅞ Aug 1	8⅜ Aug 23	4⅞ May 21	8½ July 17
8,800	72,800	Stylon Corp	4	7	Sale	7¼	Sale	7¾	Sale	7¼ Aug 1	7⅞ Aug 30	6 Feb 8	8 Jun 25
5,900	38,600	Sunair Electronics Inc	10c	2	2¼	1¾	1⅞	1⅝	Sale	1⅛ Aug 26	1¾ Aug 2	1⅛ Aug 26	2⅞ Jan 14
78,100	565,400	Sunset Internat Petroleum	1	6½	Sale	6¼	Sale	6⅜	Sale	6 Aug 12	6⅝ Aug 16	6 Jan 4	7⅛ Jan 18
4,300	53,200	†Supercrete Ltd	25c	½	Sale	⅝	¾	½	9/16	½ Aug 23	⅝ Aug 2	½ Jan 2	⅞ Mar 28
9,600	36,500	Superior Window cl A	10c	¾	⅞	1	Sale	9/16	⅝	½ Aug 15	1 Aug 1	½ Aug 15	1⅞ May 10
14,300	53,400	Supermarkets Operating	50c	12⅝	13⅜	19	Sale	24⅞	Sale	18½ Aug 15	25¼ Aug 26	13¼ Jan 4	25¼ Aug 26
2,700	41,100	Supronics Corp	25c	2¾	2⅞	2	Sale	2⅛	Sale	2 Aug 1	2⅛ Aug 9	2 July 5	3¾ Jan 25
48,000	84,900	Swanee Paper Corp	1	11¾	12	11	Sale	15	Sale	11 Aug 1	17⅛ Aug 14	9¾ Mar 6	17⅛ Aug 14
733,300	3,224,500	Syntex Corporation	2	35⅞	Sale	102¾	Sale	114⅛	Sale	102½ Aug 1	124¼ Aug 13	35 Jan 2	124¼ Aug 13
120,400	196,500	Talley Industries	1	—	—	12¾	Sale	14⅛	Sale	10⅝ Aug 21	14½ Aug 29	10⅝ Aug 21	15¼ July 29
----	6,750	Talon Inc 4% preferred	10	8	8¼	8½	8¾	8½	9	-- ------	-- ------	8 Jan 8	9 Apr 2
39,200	‡170,100	Tampa Electric Co	*	--	--	23⅝	Sale	24⅝	Sale	23⅝ Aug 1	25 Aug 26	‡23 May 17	25 Aug 26
326,200	650,100	Tastee Freez Industries	67c	--	--	7½	Sale	8	Sale	5⅝ Aug 23	9⅜ Aug 29	5⅝ Aug 23	18⅛ Mar 14
92,800	491,700	Technical Operations Inc	*	20⅜	Sale	37⅝	Sale	42	Sale	36¼ Aug 6	44⅜ Aug 23	16⅝ Feb 28	44⅜ Aug 23
198,600	1,978,800	Technicolor Inc	1	8¾	Sale	16½	Sale	16⅞	Sale	15⅝ Aug 7	17⅝ Aug 13	8⅝ Jan 2	18⅝ July 11
28,500	123,600	Tel-A-Sign Inc	20c	2¼	Sale	1⅞	Sale	1⅝	Sale	1½ Aug 7	1⅞ Aug 1	1½ Apr 11	2⅜ Jan 2
17,800	122,200	Telectro Industries	10c	2⅜	Sale	2¼	2½	2⅝	Sale	2¼ Aug 2	2¾ Aug 28	2¼ Jan 2	3⅛ Mar 14
16,100	116,700	TelePrompTer Corp	1	5½	Sale	4⅞	Sale	5¼	Sale	4⅜ Aug 8	5⅜ Aug 16	4⅛ Mar 19	6¾ Jan 4
37,000	523,100	Teleregister Corp	*	5⅛	Sale	5	Sale	5½	Sale	5 Aug 2	5¾ Aug 8	4⅜ Mar 19	7⅛ Apr 8
4,100	38,500	Warrants		2½	Sale	2	Sale	2	Sale	2 Aug 1	2⅜ Aug 8	1⅞ Mar 8	3⅛ Apr 9
7,500	166,700	Television Industries	1	2½	Sale	1⅛	Sale	1⅛	Sale	1⅛ Aug 1	1⅜ Aug 8	⅞ Mar 12	2¾ Jan 4
6,300	44,300	Tenney Engineering Inc	10c	3½	Sale	3⅛	Sale	2⅝	Sale	2½ Aug 28	3⅛ Aug 1	2¾ Jan 11	3⅞ Mar 8
45,100	424,800	Term-Hudson Electronics	25c	7½	Sale	4⅛	Sale	3½	Sale	2⅞ Aug 12	4¼ Aug 6	2⅞ Aug 12	7⅞ Jan 31
200	2,425	Texas P & L $4.56 pfd	*	96	98½	100	101¼	101	102	100 Aug 2	101½ Aug 6	98½ Jan 4	102 July 12
225,000	479,300	Texstar (The) Corp	10c	⅝	Sale	11/16	Sale	¾	Sale	9/16 Aug 15	¾ Aug 26	9/16 Aug 15	⅞ Jan 29
8,800	60,000	Textron Electronics Inc	50c	5¾	6⅛	5¼	Sale	5⅛	Sale	4⅝ Aug 9	5¼ Aug 1	4⅝ Aug 9	6⅝ Mar 1
74,700	597,200	Textron Inc warrants		13⅞	Sale	13⅜	Sale	15½	Sale	12⅞ Aug 1	16⅛ Aug 14	11⅞ Mar 19	16¼ Jun 7
4,800	69,100	Thew Shovel Co	5	20⅝	Sale	24¼	Sale	24⅛	Sale	23⅞ Aug 13	24½ Aug 5	20⅝ Jan 2	25¾ July 18
17,200	242,600	Thompson-Starrett Co	10c	1¾	Sale	2	Sale	1¾	Sale	1¾ Aug 8	2 Aug 1	1⅝ Jan 21	2¼ Feb 15
400	10,000	70c conv preferred	10	11½	11⅞	12¼	12¾	12⅝	12⅞	12⅛ Aug 19	12½ Aug 19	11 Feb 7	13⅛ Jun 3
5,100	46,600	Thorofare Markets Inc	25c	16⅞	17¼	15⅛	Sale	15¾	Sale	15 Aug 5	15¾ Aug 30	15 May 21	18⅜ Jan 9
6,100	68,900	Thriftimart Inc class A	1	22⅜	Sale	22⅜	Sale	22¾	Sale	22¼ Aug 19	23½ Aug 15	21⅛ Mar 19	24⅞ Jan 11
6,500	29,900	Tillie Lewis Foods Inc	1	—	—	6¾	7	7⅜	Sale	6¾ Aug 2	7⅝ Aug 16	6⅜ Jun 18	8 Jun 25
----	1,700	Tobacco Secur Trust Co— Am dep rcts def reg	5c	2 1/16	3	2⅞	3½	2¾	3½	-- ------	-- ------	2⅝ Jan 22	3¼ Feb 8
600	2,400	Am dep rcts reg	5s	6½	7	7 1/16	7¼	7 1/16	7¼	7 Aug 20	7⅛ Aug 7	6⅛ Jan 7	8⅜ Apr 23
2,800	31,000	Todd Shipyards Corp	20	21⅜	21⅞	25⅜	Sale	27	Sale	25⅜ Aug 1	27¾ Aug 15	21¼ Mar 7	27¾ Aug 15
725	8,450	Toledo Edison 4¼% pfd	100	90½	Sale	92	92½	92¾	Sale	91¾ Aug 12	93¾ Aug 9	90½ Jan 2	94¾ Jun 28
1,500	11,700	Tonopah Mining of Nev	1	3¼	3½	3¾	3⅞	3¾	4⅛	3¾ Aug 6	4⅛ Aug 28	3¼ Jan 9	4⅛ Aug 28
13,000	195,400	Tower Universal Corp	1	3½	Sale	3⅛	Sale	3¼	Sale	2⅞ Aug 7	3⅜ Aug 15	2⅞ July 2	5⅛ Feb 6
2,600	28,700	Town Photolab Inc	5c	3	3⅜	2¾	Sale	3	3¼	2¾ Aug 1	3⅛ Aug 28	2¾ Jan 10	4⅜ Feb 11
10,100	62,300	Trans-Lux Corp	1	12¼	Sale	12⅜	Sale	13⅜	Sale	11¼ Aug 27	13⅜ Aug 30	11 Jun 26	13⅜ Mar 14
162,600	470,600	Trans World Airlines 'wts'		4¼	4½	8¼	Sale	10¾	Sale	8⅛ Aug 8	11⅜ Aug 14	4⅛ Jan 15	11⅜ Aug 14
4,300	67,400	Transportation Cp Amer	10c	9⅛	Sale	8½	Sale	8⅝	Sale	8¼ Aug 6	8⅝ Aug 27	7⅝ Mar 7	9⅛ Jan 2
14,100	78,000	Transue & Williams Steel Forging Corp	*	--	—	17¾	Sale	16¼	Sale	15¾ Aug 6	18½ Aug 1	9¼ Jan 4	18½ Aug 1
24,400	76,300	Trav-ler Industries	1	4⅜	Sale	4½	Sale	5¾	Sale	4¼ Aug 2	6 Aug 29	3⅞ May 22	6 Aug 29
4,300	57,700	Triangle Conduit & Cable	1	9¾	10	14	Sale	13⅞	Sale	12 Aug 21	14 Aug 1	9¾ Mar 27	15⅝ Jun 17
26,800	283,700	Tri-Continental Corp warr		33½	Sale	35¾	Sale	39¼	Sale	35½ Aug 1	39¼ Aug 29	32⅛ Mar 6	40⅜ Jun 4
1,100	26,900	True Temper Corp	10	29	Sale	35¾	36¼	36	36½	35¾ Aug 23	36⅜ Aug 15	29 Jan 2	36⅜ Aug 15
10,900	119,700	Unexcelled Chemical Corp	5	8	Sale	7	Sale	6⅞	Sale	6⅝ Aug 2	7⅝ Aug 13	6½ Apr 18	10¼ Jan 25
2,500	11,700	Union Gas of Canada	*	16⅞	17½	19	19½	19½	Sale	17⅞ Aug 19	19½ Aug 26	17¼ Mar 4	21 Jun 7
1,000	6,800	Union Investment Co	4	12⅛	12⅝	13¼	13¾	14	14¼	13½ Aug 8	14 Aug 22	12¼ Jan 17	14 Aug 22
1,800	9,900	Union Stk Yds of Omaha	20	21⅛	22	22	22½	22⅛	22½	22 Aug 20	22½ Aug 5	21¾ Jan 3	23½ May 28
4,900	58,900	United Aircraft Prod	50c	4⅜	Sale	--	--	3⅝	Sale	3⅝ Aug 23	3⅞ Aug 2	3⅝ Aug 23	5⅛ Apr 8
32,600	251,900	United Asbestos Corp	1	3 1/16	Sale	3	Sale	2¾	Sale	2¾ Aug 22	3 Aug 1	2¾ Aug 22	3 1/16 Jan 4
80,000	341,600	United Canso Oil & Gas vtc	1	3 1/16	Sale	1⅜	Sale	1⅝	Sale	1 5/16 Aug 5	1 1/16 Aug 29	1⅛ Jan 2	1 1/16 Aug 29
3,000	36,600	United Elastic Corp	*	40	40½	37⅛	Sale	37¾	Sale	36 Aug 14	37¾ Aug 30	36 Mar 13	41 Jan 4
10,100	71,600	United Foods Inc	1	7	Sale	8	8⅛	9	Sale	7⅝ Aug 9	9½ Aug 19	7 Jan 2	9⅞ Apr 4
32,900	233,600	United Imp & Inv Corp	2.60	4¼	Sale	3½	Sale	2⅞	Sale	2¾ Aug 20	3½ Aug 1	2¾ Aug 20	5⅛ Jan 10
700	5,700	United Milk Products	5	5⅞	6⅜	5½	5¾	5¼	5⅝	5¼ Aug 14	5½ Aug 6	5¼ Aug 14	6¼ Jan 21
500	5,100	United Molasses Co Ltd— Amer dep rcts ord reg	10s	4⅛	4¼	5	Sale	5	5¼	5 Aug 1	5 Aug 1	4¼ Jan 3	6½ May 23
240	1,700	United N J Ry & Canal	100	184½	186	199¼	200	199¼	200	199½ Aug 16	200½ Aug 11	184½ Jan 4	202 May 15
7,100	39,500	U S Air Conditioning	50c	2⅜	Sale	2½	Sale	2¾	Sale	2½ Aug 1	2¾ Aug 9	2¼ Jan 2	3½ Apr 1
3,500	49,600	U S Ceramic Tile Co	1	5	Sale	7⅝	7⅞	8	8⅜	7⅝ Aug 2	8⅜ Aug 23	5 Jan 2	8⅜ Jun 21
26,600	196,100	U S Natural Gas Corp	1	7	Sale	9⅝	Sale	11	Sale	9 Aug 7	11¼ Aug 29	6 Jan 17	11¼ Aug 29
40,300	76,600	U S Rubber Reclaim Co	1	5½	5¾	8	Sale	11	Sale	7⅞ Aug 9	11⅜ Aug 29	5¾ Jan 3	11⅜ Aug 29
6,200	41,100	United Stockyards Corp	25c	5⅜	5¾	4¾	4⅞	5¼	Sale	4¾ Aug 2	5¼ Aug 14	4¾ July 31	6¼ Jun 7
4,300	72,000	Universal American Corp— 1962 series warrants		2¾	Sale	2⅛	Sale	1⅞	Sale	1¾ Aug 14	2⅛ Aug 1	1¾ Aug 14	2⅞ Jan 10
700	24,700	1955 series warrants		2⅜	2⅝	2	2⅛	1¾	1⅞	1½ Aug 14	2 Aug 5	1½ Aug 14	3 Feb 14

For footnotes, see page 96

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Aggregate Sales in August Shares	Aggregate Sales Since Jan. 1 Shares	American Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
6,900	100,600	Universal Automated Ind	10c	--	--	1⅞	2	2¼	2⅜	1⅞ Aug 2	2½ Aug 16	1⅞ July 16	3 Jan 7
1,200	38,000	Universal Container A	10c	4¾	5	5⅞	6	5⅝	5⅞	5½ Aug 23	5⅞ Aug 14	5 Jan 4	6⅞ Jun 27
211,500	1,128,800	Universal Controls Inc	25c	4¾	Sale	4½	Sale	5¼	Sale	4⅜ Aug 12	5¼ Aug 30	4⅜ Apr 16	5½ Jan 7
100	3,350	Universal Insurance	17.78	33¼	34½	32¾	33	32¾	33½	32½ Aug 5	32½ Aug 5	31 July 17	39¾ Jan 9
34,600	230,400	Universal Marion (Fla)	*	8⅝	Sale	9	Sale	9	Sale	9 Aug 1	9½ Aug 1	8⅝ Jan 2	9⅝ Feb 12
7,500	7,500	Uris Building Corp wts		--	--	--	--	12½	Sale	12⅛ Aug 28	13 Aug 26	12⅛ Aug 28	13 Aug 26
51,400	886,000	Utah Idaho Sugar Co	5	9½	Sale	13¼	Sale	14	Sale	12 Aug 19	14⅛ Aug 30	9⅜ Jan 2	19⅞ May 21
14,100	49,500	Valspar Corp	1	6¾	Sale	7⅜	Sale	8½	Sale	7 Aug 1	8¾ Aug 29	6⅛ Mar 5	9 Jun 11
18,000	206,100	Valve Corp of America	25c	9⅝	Sale	18⅛	Sale	16½	Sale	16 Aug 9	18½ Aug 1	9⅜ Jan 31	19⅜ July 23
6,200	63,700	Venture Capital Corp	1	4⅛	Sale	3⅞	4	3⅜	3½	3¼ Aug 27	3⅞ Aug 2	3¼ Mar 18	4⅝ Jun 6
197,600	857,800	Victoreen Instrument Co	1	7⅞	Sale	10½	Sale	10¼	Sale	9½ Aug 7	11½ Aug 2	7⅞ Jan 2	11½ Aug 2
22,900	159,500	Viewlex Inc class A	25c	3½	Sale	2¾	Sale	3	Sale	2½ Aug 12	3⅛ Aug 23	2½ July 24	3⅞ Jan 18
40,900	167,500	Virginia Dare Stores Corp	1	7⅛	7⅜	7	Sale	6¾	Sale	5⅝ Aug 19	7⅝ Aug 23	5⅝ Aug 19	8⅞ May 3
133,000	336,100	Va Iron Coal & Coke	2	9¾	Sale	9⅞	Sale	10⅞	Sale	9¾ Aug 1	12⅛ Aug 21	9¼ Mar 4	12⅛ Aug 21
4,100	36,600	Vita Food Products Inc	25c	15⅜	Sale	16¼	Sale	16⅛	Sale	15⅝ Aug 14	17 Aug 5	15⅜ Jan 2	20½ Mar 15
21,300	47,600	Vogt Manufacturing Corp	*	11	11½	12¼	12¾	14⅜	Sale	12¼ Aug 5	16½ Aug 15	10¾ Jan 4	16½ Aug 15
18,900	55,200	VTR Inc	1	5	5¼	5	Sale	5	Sale	4⅞ Aug 28	5⅛ Aug 7	4⅞ Jun 4	5⅝ Feb 15
900	17,400	Waitt & Bond common	4	3¼	3½	3½	3⅞	3⅜	3¾	3½ Aug 23	3¾ Aug 12	3⅜ Jan 7	4⅞ May 27
300	5,900	6% conv preferred	10	6½	7	7	7½	6¾	7¼	6¾ Aug 28	7⅛ Aug 20	6¾ Jan 7	9¾ May 24
35,800	359,800	Waltham Precision Inst Co	1	2¼	Sale	1⅞	Sale	1⅞	Sale	1⅞ Aug 1	2 Aug 1	1¾ July 25	2⅜ Jan 9
123,400	2,697,400	Webb & Knapp Inc com	10c	ⅱ	Sale	½	Sale	½	Sale	½ Aug 1	1/16 Aug 1	⅜ Jun 6	1⅛ Jan 8
1,440	15,860	$6 series preference	*	80½	Sale	48	Sale	45½	Sale	42 Aug 6	48 Aug 1	42 Aug 6	87 Jan 8
3,900	26,000	Weiman & Company Inc	1	3⅞	Sale	3½	3⅝	3½	Sale	3½ Aug 2	3⅝ Aug 2	3½ May 24	4 Jan 3
7,600	61,600	Wentworth Mfg Co	1.25	4½	4¾	3½	Sale	3½	3⅝	3½ Aug 1	3¾ Aug 19	3½ July 26	5 Jan 11
4,800	25,500	West Chemical Products	50c	22¼	22½	23½	23⅞	26⅛	Sale	24 Aug 2	26¼ Aug 14	21½ Jun 3	26¼ Aug 14
		West Texas Utilities Co—											
350	1,270	4.40% preferred	100	93	94½	96½	97¼	96	96¾	96 Aug 20	97¼ Aug 7	94½ Jan 10	97½ May 31
28,900	216,900	Westbury Fashions	10c	9¼	Sale	6	Sale	3⅛	Sale	3 Aug 29	6⅛ Aug 5	3 Aug 29	12½ Jan 10
61,600	231,300	Western Equities Inc	10c	3⅜	Sale	2¼	Sale	2⅝	Sale	2¼ Aug 1	2⅞ Aug 9	2⅛ Apr 23	3⅛ May 15
51,500	367,400	Western Nuclear Inc	5c	3	Sale	3⅝	Sale	3⅛	Sale	3⅛ Aug 26	3⅝ Aug 1	2⅞ Mar 3	4 July 30
		Western Stockholders Inc—											
57,300	207,600	Amer dep rcts ord shs	1s	1/16	Sale	7/16	½	½	Sale	1/16 Aug 2	3/16 Aug 29	7/16 Jan 2	3/16 Aug 29
4,300	28,100	West Tablet & Stationery	*	19⅛	20	21½	Sale	21	Sale	20⅜ Aug 6	21½ Aug 1	19¼ Jan 3	25½ Feb 6
2,500	35,200	Weyenberg Shoe Mfg	1	23⅛	23¾	25	Sale	24½	Sale	24½ Aug 6	25⅛ Aug 1	22¾ Jan 7	26⅞ May 15
9,200	35,100	Whippany Paper Board	10c	8⅞	9⅛	10⅛	Sale	11⅞	Sale	10 Aug 6	12⅜ Aug 22	9⅛ Jan 3	12⅜ Aug 22
79,800	400,100	White Eagle Internat'l	10c	1/16	Sale	½	Sale	7/16	Sale	⅜ Aug 29	3/16 Aug 5	1/16 July 1	ⅱ Jan 8
		White Stag Mfg—											
7,900	35,200	Class A	1	--	--	22	22½	25¼	Sale	21⅞ Aug 14	25⅝ Aug 21	19¾ July 17	25⅝ Aug 21
11,800	72,600	Whitmoyer Laboratories	1	10	Sale	12⅜	Sale	14½	Sale	12¼ Aug 1	14¾ Aug 30	9¾ Jan 9	14¾ Jun 13
10,100	65,100	Wichita River Oil Corp	1	1⅞	2⅛	2	Sale	2	Sale	1⅞ Aug 12	2⅛ Aug 15	1½ Feb 21	2½ Jun 18
2,400	30,300	Wieboldt Stores Inc	*	14½	14⅞	15⅜	15½	14⅝	Sale	14⅝ Aug 29	15⅜ Aug 9	13⅞ Jun 3	16⅝ Apr 18
3,600	22,800	Williamhouse (The) Inc	10c	5½	5¾	5⅛	5¼	5	Sale	5 Aug 27	5¼ Aug 14	4¾ July 23	6 Feb 6
12,800	143,000	Williams Brothers Co	1	13⅞	Sale	14⅝	Sale	14	Sale	14 Aug 29	15 Aug 13	13⅞ Jan 2	18⅜ Apr 19
23,900	135,700	Williams-McWilliams Ind	10	5⅜	Sale	6½	Sale	7⅛	Sale	6½ Aug 1	7¼ Aug 30	5⅛ Jan 2	7½ Feb 11
27,300	131,900	Williams (R C) & Co	1	15	Sale	11¾	Sale	9⅓	Sale	8¾ Aug 20	11⅞ Aug 1	8⅝ Jun 28	17⅜ Mar 8
74,500	494,300	Wilshire Oil Co of Tex	1	2 1/16	Sale	1ⅱ	Sale	2 1/16	Sale	1⅞ Aug 2	2¼ Aug 12	1ⅱ July 23	2 3/16 Mar 21
16,300	106,700	Wilson Brothers common	1	7	Sale	6¼	Sale	6¾	Sale	6 Aug 2	7⅜ Aug 9	5⅞ Jun 5	8⅝ Jan 25
725	10,275	5% preferred	25	15¾	Sale	17	Sale	17¾	18½	17 Aug 1	18⅜ Aug 26	15¾ Jan 2	19⅝ Mar 27
210	1,790	Wisconsin P&L 4½% pfd	100	96½	Sale	101	Sale	97	98½	98½ Aug 28	101 Aug 1	95½ Jan 10	102 Jun 4
1,500	10,900	Wood (John) Co	*	--	--	8⅝	9	8⅝	8⅞	8⅝ Aug 6	8⅞ Aug 29	8⅝ July 24	9⅜ May 17
8,350	70,390	Wood Newspr Mach Corp	1	12¾	Sale	11⅝	Sale	11	Sale	10⅝ Aug 27	11⅝ Aug 1	10½ Jun 27	13⅞ Jan 4
1,600	37,300	Woodall Industries Inc	2	17½	17⅞	19¼	Sale	19	Sale	18⅞ Aug 9	19¼ Aug 1	16½ Feb 19	20¾ May 16
		Woolworth (F W) Ltd—											
6,700	19,400	Amer dep receipts	5c	6⅛	6½	7⅜	7½	8¼	8¾	7⅝ Aug 7	8¾ Aug 27	6⅜ Jan 4	8¾ Aug 27
----	400	6% preference	£1	2⅜	3	2¼	2⅞	2¼	2⅞	-- ------	-- ------	2½ Mar 11	2¾ Mar 29
7,600	7,600	Work Wear Corp	1	--	--	--	--	16⅝	Sale	16½ Aug 22	17⅝ Aug 15	16½ Aug 22	17⅝ Aug 15
31,100	174,800	Wright-Hargreaves Ltd	40c	¾	Sale	ⅱ	Sale	¾	Sale	ⅱ Aug 1	⅞ Aug 20	ⅱ Jan 2	1 Feb 5
		Yale Express System Inc—											
68,100	485,000	Class A	25c	8¾	9	14⅜	Sale	13⅞	Sale	13¾ Aug 20	15½ Aug 7	8⅛ Mar 25	17¼ Jun 18
14,800	260,400	Yonkers Raceway com	25c	3⅞	Sale	4¼	Sale	4⅛	Sale	4 Aug 14	4¼ Aug 1	3¾ May 28	4¾ Feb 25
1,300	31,900	6% preferred	5	3⅞	4	4¼	4⅜	4¼	4⅜	4¼ Aug 2	4⅜ Aug 8	3⅞ Jan 11	4⅜ Apr 4
19,800	115,800	Zale Jewelry Co	1	15⅝	Sale	17¼	Sale	20⅛	Sale	17¼ Aug 1	20⅝ Aug 20	15⅜ Jan 2	20⅝ Aug 20
25,600	264,900	Zapata Off-Shore Co	50c	4¾	4⅞	7¾	Sale	8	Sale	7⅜ Aug 5	8½ Aug 23	4⅞ Jan 3	8⅝ July 17
1,100	11,500	Zion Foods Corp	1	4¼	4½	3⅞	Sale	3¾	4	3¾ Aug 26	4 Aug 5	3¾ Jun 18	4⅞ Feb 13
		BONDS											
$	$												
48,000	2,996,000	Alsco Inc 5½s conv	1974	26⅛	27	70	73½	71	74	69½ Aug 5	74 Aug 19	27 Jan 3	75 July 15
		Amer Realty & Petrol Co—											
5,000	529,000	6½s	1972	--	--	86	95	85⅛	89	86 Aug 7	87 Aug 23	84½ Jan 17	102½ Feb 4
----	34,000	△Amer Steel & Pump 4s	1994	58⅛	62	60	65	60	65	-- ------	-- ------	58½ Apr 26	64 Feb 1
84,000	656,000	Appalach'n El Pwr 3¼s	1970	94	Sale	93	Sale	94	Sale	93 Aug 1	94½ Aug 21	92½ July 18	95⅝ Jun 14
		Baldwin Montrose Chem—											
43,000	874,000	7s	1972	70	Sale	85¾	Sale	86⅛	86½	85½ Aug 1	88½ Aug 19	68½ Jan 11	88½ Aug 19
		Belock Instrument Corp—											
86,000	935,000	6s series A	1975	--	--	120½	130	118	Sale	112 Aug 28	125 Aug 5	100 Feb 11	148½ Jun 4
6,000	11,000	Bethlehem Steel 6s	1998	126¾	128	127	--	127	--	128 Aug 26	128 Aug 26	126½ May 21	128 Aug 26
		Bloomfield Bldg Indus											
144,000	1,607,000	6½s	1977	107¼	Sale	97	Sale	92	Sale	90 Aug 7	98 Aug 2	90 Aug 7	115½ Jan 28
67,000	335,000	Boston Edison 2¾s	1970	90¾	Sale	90¾	Sale	90¾	Sale	90¾ Aug 1	91½ Aug 5	90¼ Mar 14	92¼ Feb 6
		Brandywine Raceway											
1,000	23,000	Assn 6s debs	1978	100	--	100⅝	--	100	--	100⅝ Aug 16	100⅝ Aug 16	100 Feb 18	100¾ May 8
79,000	653,000	BSF Corp 5¾s conv	1969	70½	71⅞	94	Sale	94	Sale	94 Aug 1	94 Aug 1	71½ Jan 8	96 Jun 4
		Chicago Transit Authority—											
2,000	169,000	3¾s rev ser '47	1978	100⅜	100¾	101¾	102	101⅛	102	101⅛ Aug 13	101⅛ Aug 13	100⅜ Jan 7	102¼ May 16
		Coburn Credit Co Inc—											
43,000	497,000	6s conv subord debs	1976	--	--	135	Sale	154	Sale	130½ Aug 12	154 Aug 30	118½ Mar 27	159½ May 6
136,000	559,000	5½s conv subor debs	1978	--	--	104	Sale	107	110	101 Aug 13	111 Aug 28	100 July 19	111 Jun 21
		Delaware Lack & West RR Lackawanna of N J Div—											
6,000	632,000	1st mtge 4s ser A	1993	30¼	30½	37¼	Sale	39¼	39⅜	37¼ Aug 1	39½ Aug 26	30½ Jan 3	42 Feb 19
23,000	329,000	△1st mtge 4s ser B	1993	11¼	12	15	Sale	14⅛	17½	13½ Aug 7	15 Aug 1	11¼ Jan 3	19½ Feb 18
		First Nat Realty & Constr											
39,000	436,000	Corp 6½s ex warr	1976	69¼	71	76	79	76½	Sale	76 Aug 5	78 Aug 14	69½ Mar 13	78 Aug 14
55,000	752,000	Fotochrome Inc 5½s	1981	53¾	Sale	52¼	53	50½	51¾	50½ Aug 21	52¾ Aug 7	50½ Aug 21	62 Jan 15
121,000	958,000	Gen Development 6s	1975	85½	87	93½	Sale	90	Sale	89 Aug 28	94 Aug 6	87⅝ May 1	96 May 24
42,000	660,000	General Foam Corp 6s	1981	78	Sale	81	Sale	81½	82½	78 Aug 16	82½ Aug 22	77½ Jan 15	84½ Feb 8
		Gulf American Land—											
349,000	4,260,000	6½s convertible	1977	87½	Sale	80	Sale	80½	Sale	78½ Aug 1	82 Aug 2	76 July 31	93¾ Jan 15
46,000	693,000	Hartfield Stores 5½s	1981	70	Sale	70¼	72	71½	73	70⅜ Aug 2	72½ Aug 28	69½ July 30	79 Jan 15
76,000	1,243,000	Hoffman Inter'n 7s	1973	80	85	53⅛	Sale	59	Sale	52½ Aug 6	62 Aug 16	50 Feb 27	86 Jan 14
		Hudson & Manhattan Corp—											
128,000	743,000	1st mortgage 6s	1982	98⅜	99	98½	99	98½	99	98½ Aug 19	99¼ Aug 8	96¼ Feb 20	99¾ Feb 8
126,000	688,000	Hydrometals 6s A	1972	61¾	65	79	Sale	80½	84	79 Aug 1	90 Aug 14	61 Jan 7	90 Aug 14
		Italian Power Realization—											
65,000	353,000	△Trust 6½s liq tr ctfs		44¼	52½	42½	43¾	42	45	42 Aug 16	44⅛ Aug 8	41¼ July 19	48½ Mar 1
70,000	404,000	Kaltman & Co 6s	1977	116½	Sale	107	Sale	102	105½	100¼ Aug 12	108 Aug 18	99 July 24	127 Feb 11
92,000	344,000	Kawecki Chemical 4⅞s	1976	102¼	104¾	104¾	106¼	110	Sale	104½ Aug 27	110 Aug 30	103 Jan 28	110 Aug 30
1,073,000	6,145,000	Livingston Oil 5¾s	1982	117½	Sale	146	Sale	157	Sale	142 Aug 1	160½ Aug 29	112 Mar 1	160½ Aug 29
35,000	554,000	Mergenthaler Lino 5s	1977	101½	102	104½	Sale	104	105	104 Aug 5	105 Aug 1	102 Jan 3	106½ Jun 3

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For footnotes, see page 96

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Midwest Stock Exchange

A compilation of the round-lot transactions only

Stock Sales—	1963	1962	Bond Sales—	1963	1962
August (Shares)	3,337,000	2,980,000	August	------	$500
Jan. 1 to Aug 31 (Shares)	27,260,000	25,827,000	Jan. 1 to Aug. 31	$2,200	1,000

Aggregate Sales in August Shares	Aggregate Sales Since Jan. 1 Shares	Midwest Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
3,200	89,400	Abbott Laboratories	5	75⅝	Sale	107½	Sale	118⅜	Sale	105¼ Aug 2	120⅛ Aug 23	73⅜ Jan 21	120⅛ Aug 23
8,100	58,900	Acme Steel Co	10	13¾	Sale	17¼	Sale	18¾	Sale	17⅛ Aug 5	18¾ Aug 16	13¾ Jan 2	19 Jun 4
2,700	2,700	Addressograph-Multigraph	2.50	--	--	50⅝	50¾	53½	53⅞	52¼ Aug 6	54¾ Aug 12	52¼ Aug 6	54¾ Aug 12
16,300	72,800	Admiral Corp	1	11¾	Sale	16⅝	16⅞	22⅝	Sale	16⅞ Aug 5	23⅛ Aug 30	11¾ Jan 2	23⅛ Aug 30
----	46,100	Advance Ross Electronics	25c	3⅞	4	--	--	--	--	-- ------	-- ------	3⅞ Jan 4	6⅛ Feb 13
----	200	Aid Investment & Discount	1	--	--	--	--	--	--	-- ------	-- ------	23⅛ May 31	23⅜ July 12
2,200	17,900	Alleghany Corp (Un)	1	11	11⅜	10	Sale	10½	10¾	9¾ Aug 13	10½ Aug 15	9¾ Aug 13	13⅛ Jan 11
6,800	65,200	Allied Chemical Corp	9	43½	43¾	49⅝	Sale	50⅛	Sale	49⅝ Aug 1	51¼ Aug 28	42⅜ Mar 1	52 May 9
9,600	97,500	Allis-Chalmers Mfg	10	14⅝	Sale	16⅝	Sale	17¾	Sale	16⅝ Aug 1	x18⅛ Aug 29	14⅝ Jan 2	20¼ May 23
4,000	109,100	Aluminium Ltd	*	20⅛	Sale	x24⅜	Sale	24⅜	Sale	23½ Aug 9	25 Aug 5	20⅛ Jan 2	27¾ May 9
5,500	29,600	Aluminum Co of Amer (Un)	1	54¼	Sale	63¼	Sale	63½	Sale	62 Aug 2	65½ Aug 26	52 Mar 25	68⅞ Jun 21
21,400	112,500	American Airlines (Un)	1	18⅛	Sale	27	Sale	29⅛	Sale	26¾ Aug 2	29¼ Aug 30	17⅞ Jan 3	29¼ Aug 30
3,500	40,500	American Broadcasting Param't Theatres (Un)	1	33⅛	33½	28¾	29⅛	33⅛	Sale	29⅜ Aug 5	34⅛ Aug 28	28 Jun 18	37⅝ Jan 24
6,300	69,400	American Can Co (Un)	12.50	45⅞	Sale	45	Sale	46⅞	Sale	44¾ Aug 2	47 Aug 30	43¾ Apr 2	47¼ Feb 4
8,400	71,400	American Cyanamid (Un)	10	49⅛	Sale	57⅞	Sale	61⅛	Sale	57 Aug 12	61½ Aug 30	48¼ Jan 2	61½ Aug 30
3,900	32,600	Amer Home Products (Un)	1	52⅞	Sale	57½	58	63½	Sale	57⅜ Aug 14	64½ Aug 29	49½ Mar 25	64½ Aug 29
900	11,700	American Investment (Ill)	1	20½	Sale	22¾	23¼	22½	Sale	22⅜ Aug 21	23 Aug 16	20½ Jan 2	23½ Jun 16
15,500	131,400	American Mach & Fdry	1.75	20⅝	Sale	18⅝	Sale	19½	Sale	18⅜ Aug 2	19⅝ Aug 23	18⅜ Aug 2	24¼ Feb 14
22,500	294,900	Amer Motors Corp	1.66⅔	16¼	Sale	17⅞	Sale	18	Sale	17½ Aug 9	18⅝ Aug 16	16¼ Jan 2	23 Feb 14
12,900	97,500	Amer Radiator & SS (Un)	5	12⅞	Sale	17	Sale	17½	Sale	16⅞ Aug 1	18 Aug 22	12⅞ Jan 2	18 Aug 22
28,300	225,500	American Tel & Tel	33⅓	116⅞	Sale	120¼	Sale	124¼	Sale	119⅞ Aug 5	125 Aug 19	114¾ Jan 2	126 May 1
33,800	173,400	Amer Tobacco Co (Un)	6.25	29¼	Sale	28⅛	Sale	28¾	Sale	27 Aug 22	x29¼ Aug 6	27 Aug 22	33⅞ Apr 18
9,600	51,400	American Viscose (Un)	25	60½	60⅞	67¼	67¾	74⅞	Sale	71⅝ Aug 5	75 Aug 28	59 Apr 1	75 Aug 28
		Name changed effective Aug 6 to A V C Corp											
9,800	71,100	Ampex Corp (Un)	1	16¾	Sale	18½	18¾	18⅞	Sale	17⅜ Aug 9	19⅛ Aug 30	14¾ Mar 18	21¼ Jun 24
2,700	14,400	Amsted Industries Inc	1	30⅜	Sale	37¼	Sale	39	39¼	37¼ Aug 1	40 Aug 14	30⅜ Jan 2	40 Aug 14
4,900	52,000	Anaconda Co (Un)	50	40⅞	Sale	46¾	Sale	50	Sale	46½ Aug 1	50⅛ Aug 19	40⅝ Jan 2	53⅞ Jun 7
5,800	236,400	Apache Corp	1.25	11⅛	Sale	14⅝	Sale	12¼	12½	11¼ Aug 22	14¾ Aug 1	9¾ Apr 25	14⅞ July 31
26,400	183,300	Arkansas Louisiana Gas	2.50	28¾	Sale	32¾	33	36¾	Sale	32⅞ Aug 8	36⅞ Aug 29	28½ Jan 2	36⅞ Aug 29
9,900	62,700	Armco Steel Co (Un)	10	52	Sale	55¼	Sale	61½	Sale	54¾ Aug 1	61⅞ Aug 26	52 Jan 2	61⅞ Aug 26
15,200	54,100	Armour & Co	5	42¾	Sale	41⅛	Sale	44	Sale	41⅛ Aug 1	45 Aug 28	41⅛ Aug 1	48⅝ Apr 15
4,300	27,300	Ashland Oil & Ref	1	26	Sale	29	Sale	30⅞	Sale	29 Aug 1	30⅞ Aug 30	26 Jan 2	31 May 13
18,800	187,400	Atch Topeka & Santa Fe	10	25⅛	Sale	28⅜	Sale	29½	Sale	28⅛ Aug 1	29¾ Aug 19	25 Jan 2	30⅜ Jun 25
2,900	33,500	5% non-cum preferred	10	10⅛	10⅜	10⅝	10⅞	10⅝	10⅞	10⅝ Aug 29	11 Aug 12	10⅜ Jan 7	11¼ Jun 19
500	8,000	Athey Products Corp	4	22¾	23¾	22½	23½	22¼	23	22¼ Aug 12	22½ Aug 9	22⅛ July 12	26¼ Jan 10
2,000	13,400	Atlantic Refining Co (Un)	10	48	48¼	52⅞	53⅛	55	55¼	53 Aug 2	55¼ Aug 28	48½ Jan 3	56¾ Apr 16
10,900	107,900	Automatic Canteen Co of America	2.50	13⅞	Sale	13½	Sale	14⅝	Sale	13 Aug 7	15⅛ Aug 21	13 Aug 7	17⅛ Jan 22
7,600	75,800	Avco Corporation	3	25	Sale	25⅞	Sale	26½	Sale	24¾ Aug 19	26¾ Aug 12	23⅛ Mar 1	29¼ Jun 12
3,500	22,200	Baldwin-Lima-Ham (Un)	13	13⅜	13¾	12	Sale	12	Sale	11⅝ Aug 14	12¼ Aug 5	11⅝ Aug 14	14⅜ Jan 24
1,700	17,550	Bastian-Blessing	*	22¾	Sale	24½	25	24	Sale	24 Aug 26	25 Aug 15	22¼ Jan 4	25¾ July 17
4,100	35,200	Belden Mfg	10	22¾	23¼	23⅜	Sale	22¾	Sale	22¼ Aug 23	23⅜ Aug 1	22¼ Aug 23	26½ Feb 8
----	12,100	Bell & Gossett Co	2	13⅜	13¾	--	--	--	--	-- ------	-- ------	13½ Jan 8	21⅛ Apr 22
3,700	107,800	Bell & Howell Co	*	22¾	Sale	23½	Sale	25⅝	Sale	23½ Aug 1	26⅝ Aug 23	21½ Feb 8	30¼ Jun 13
5,400	61,300	Bendix Corp	5	54¼	54¾	50¼	Sale	51⅜	Sale	49 Aug 8	52⅜ Aug 14	49 Aug 8	58½ Jan 25
18,000	70,100	Benguet Consol Inc (Un)	p2	1¼	1⅜	1¼	1⅜	1¼	Sale	1¼ Aug 7	1⅜ Aug 7	1¼ Jan 3	1½ Feb 18
20,400	175,000	Bethlehem Steel Corp (Un)	8	28¾	Sale	29⅞	Sale	31¾	Sale	29½ Aug 2	31⅞ Aug 29	28¾ Jan 2	34⅝ Apr 16
500	4,200	Binks Manufacturing Co	1	25¼	26	28	28¾	28	28¼	27 Aug 12	28 Aug 7	24½ Jan 11	30 Jun 25
11,800	48,800	Boeing Company (Un)	5	37	37½	33	Sale	34⅝	Sale	32¾ Aug 16	36½ Aug 28	30½ July 26	40⅛ Feb 4
6,950	17,600	Booth Fisheries Corp	5	35	35½	31¼	Sale	34	Sale	31¼ Aug 1	35 Aug 15	26⅝ Jun 12	35 Aug 15
6,400	58,100	Borg-Warner Corp	5	42	Sale	43	Sale	47½	Sale	43 Aug 1	47½ Aug 30	41½ Mar 6	47¾ Jun 13
1,200	10,300	Brach & Sons (E J)	*	33¼	33¾	33⅛	Sale	34½	35	33⅛ Aug 1	35¼ Aug 28	29⅝ May 21	35¼ Aug 28
----	1,600	Brad Foote Gear Works	20c	2	2⅛	1⅞	2	1¾	1⅞	-- ------	-- ------	1⅞ May 3	2 Jan 11
----	800	Brown Shoe Co	15	--	--	--	--	--	--	-- ------	-- ------	90¼ May 2	90¼ May 2
66,300	423,100	Brunswick Corp	*	18⅞	Sale	12¾	Sale	12⅛	Sale	12 Aug 6	13¼ Aug 5	12 Aug 6	20⅝ Jan 8
1,400	26,000	Budd Co	5	11⅞	12	13⅝	Sale	14¾	15	13⅝ Aug 1	14¾ Aug 28	12½ Mar 19	15⅞ Jun 25
2,600	77,300	Burlington Indus (Un)	1	25⅞	Sale	36	Sale	37¾	38	36 Aug 1	37⅞ Aug 26	25⅞ Jan 2	37⅞ Aug 26
13,000	90,900	Burroughs Corp	5	28¼	Sale	26¼	Sale	27¾	Sale	25¾ Aug 1	29 Aug 12	25¾ Aug 1	34 Feb 18
21,800	80,300	Rights		--	--	¼	Sale	--	--	3/32 Aug 1	r3/32 Aug 5	1/32 July 24	11/32 July 19
700	6,600	Burton-Dixie Corp	12½	21¾	22¼	21	21¾	20½	21	20½ Aug 16	21 Aug 28	19¾ July 22	24 Mar 19
8,700	132,500	Business Capital Corp	1	5⅜	Sale	6	Sale	6	Sale	5½ Aug 27	6⅛ Aug 5	4½ Mar 22	6¾ Jun 28
16,000	34,700	Calumet & Hecla Inc	5	11½	12	12⅜	Sale	14¾	Sale	12⅜ Aug 1	14⅞ Aug 21	11⅛ May 6	14⅞ Aug 21
1,800	8,600	Canadian Export Gas & Oil Ltd	16⅔c	1	1⅛	1/16	1/16	⅞	1	⅞ Aug 26	1 Aug 12	⅞ May 31	1⅛ Jan 14
2,100	15,000	Canadian Pacific (Un)	25	22⅝	22⅞	28	28¼	30⅜	Sale	28¼ Aug 12	30⅜ Aug 30	23¼ Jan ⅜	30½ July 9
----	6,100	Carrier Corp common	10	37	Sale	--	--	--	--	-- ------	-- ------	37 Jan 2	42 Apr 17
----	10	4½% preferred	50	47¾	48½	--	--	--	--	-- ------	-- ------	50 Apr 2	50 Apr 2
5,900	90,200	Caterpillar Tractor (Un)	*	37⅛	Sale	43⅜	43⅝	45¼	Sale	43⅝ Aug 2	45⅜ Aug 23	34⅞ Mar 21	46⅞ Jun 5
2,900	27,800	Celanese Corp of Am (Un)	*	38½	Sale	49	49½	54½	Sale	49⅝ Aug 5	54½ Aug 28	37¼ Feb 26	54½ Aug 28
6,900	174,700	Central & South West	2.50	41¼	Sale	43	Sale	44	Sale	42⅞ Aug 6	45 Aug 16	41¼ Jan 2	46⅞ Feb 7
5,000	49,000	Central Illinois Pub Serv	*	23⅞	24¼	24½	Sale	24¼	Sale	24¼ Aug 27	25 Aug 19	22¾ Mar 4	26¾ May 1
3,500	24,300	Certain-Teed Prods (Un)	1	15⅞	Sale	15½	Sale	15¾	16	14⅞ Aug 5	17 Aug 21	13¾ Jun 6	19½ Jan 31
600	36,000	Champlin Oil & Ref com	1	30	Sale	33⅞	Sale	34	34⅛	33¾ Aug 16	34½ Aug 2	29½ Feb 12	34½ Jan 17
481	3,933	$3 conv preferred	*	63	64½	62	67	62	67	62 Aug 13	63 Aug 15	62 Aug 13	64½ Mar 14
----	6,871	Chemetron Corp	1	18⅜	18⅝	--	--	--	--	-- ------	-- ------	19⅜ Jan 3	22 Feb 1
4,000	43,100	Chesapeake & Ohio Ry (Un)	25	51½	Sale	62¼	Sale	64⅛	64½	62¼ Aug 1	64⅞ Aug 19	51½ Jan 2	64⅞ Aug 19
4,400	34,600	Chic Mil St Paul & Pac	*	9¼	9½	13¾	14	16⅛	16⅜	13⅝ Aug 2	16¾ Aug 28	9¾ Jan 3	16¾ Aug 28
14,900	53,300	Chicago & Northwest Ry	*	13⅜	13⅞	25¼	Sale	33½	Sale	25¼ Aug 1	34 Aug 28	14½ Feb 4	34 Aug 28
8,400	37,000	5% series A preferred	100	20½	21	44¾	45¼	52	Sale	45¼ Aug 2	53⅝ Aug 19	21⅜ Jan 3	53⅝ Aug 19
5,100	27,500	Chicago R I & Pac Ry	*	18½	19	24¾	25	26½	Sale	24⅞ Aug 6	27 Aug 15	19½ Jan 3	27 Aug 15
2,600	81,300	Chicago South Shore and South Bend RR	12.50	10⅞	Sale	16¾	Sale	16¾	17	16⅛ Aug 5	17⅛ Aug 26	10⅞ Jan 2	19 May 27
77,600	260,000	Chrysler Corp	12.50	--	--	x57¼	Sale	73	Sale	x55⅝ Aug 1	73 Aug 30	51¼ May 6	73 Aug 30
3,500	15,500	Cincinnati Gas & Elec	8.50	--	--	25⅜	Sale	26	Sale	25⅜ Aug 1	26⅝ Aug 6	25 July 22	28¼ Apr 29
3,700	38,200	Cities Service Co	10	56½	Sale	71⅛	Sale	68¼	Sale	68 Aug 29	71¾ Aug 7	56½ Jan 2	71¾ Aug 7
2,100	16,200	City Products Corp	*	25⅜	Sale	30⅝	Sale	33	Sale	30⅝ Aug 1	34 Aug 28	25⅜ Jan 2	34 Aug 28
600	3,100	Cleveland-Cliffs Iron com	1	36¾	37⅜	43¼	43¾	44¾	45¼	43¾ Aug 8	r44¾ Aug 26	39 Jan 8	45⅛ May 16
850	4,872	4½% preferred	100	93	95	93¾	95	94½	Sale	94 Aug 5	96 Aug 6	93½ Jun 27	96¾ Jun 21
3,900	7,300	Cleveland Elec Illuminatg	*	--	--	33⅝	33⅞	34	34⅜	33¾ Aug 7	34⅞ Aug 5	32¼ May 23	34⅞ Aug 5
----	16,700	Clevite Corp	1	--	--	--	--	--	--	-- ------	-- ------	39¼ Feb 4	39¾ Feb 15
4,300	10,558	Club Aluminum Products	*	--	--	4	Sale	4	Sale	3⅞ Aug 9	4⅛ Aug 14	3⅛ Jun 25	4⅛ Aug 14
----	40,050	Coleman Co Inc	5	19¼	19¾	--	--	--	--	-- ------	-- ------	18⅞ Jan 9	34¼ May 9
2,500	3,300	Colgate-Palmolive new (Un)	1	--	--	47	Sale	45½	Sale	45½ Aug 30	48⅛ Aug 5	44½ July 26	48⅛ Aug 5
2,400	29,900	Colorado Fuel & Iron Corp	5	8¾	Sale	8⅞	Sale	9⅜	9⅝	8⅝ Aug 7	10 Aug 23	8½ July 18	10⅞ Apr 16
11,200	68,200	Columbia Gas Sys (Un)	10	26¾	27	29½	Sale	30⅛	Sale	29⅜ Aug 2	30⅜ Aug 27	26⅞ Jan 3	30⅜ Jun 11
27,700	204,000	Commonwealth Edison	12.50	44⅜	Sale	49	Sale	52⅝	Sale	48⅝ Aug 1	53⅜ Aug 27	44⅜ Jan 2	53⅜ Aug 27

*No par value. ‡Corrected volume. a Deferred delivery sale. r Cash sale. x Ex-dividend. (Un) Issue admitted to unlisted trading privileges. y Ex-rights.

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Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	Midwest Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
2,000	41,700	Consolidated Foods	1.33⅓	34¾	Sale	40¾	Sale	45¾	46	40¾ Aug 1	45¾ Aug 28	33⅝ Jan 4	45¾ Aug 28
3,900	29,800	Consumers Power Co	*	42⅜	Sale	46¼	46¾	49¼	49¾	46⅜ Aug 2	50⅛ Aug 23	40⅞ Mar 4	50⅛ Aug 23
17,900	92,500	Container Corp of Amer	5	24¾	Sale	26⅛	Sale	28⅛	Sale	24¾ Aug 6	28½ Aug 26	23⅞ Jan 3	29½ May 10
3,100	89,200	Continental Can Co (Un)	10	44⅝	45	45⅜	Sale	46¼	46½	45⅜ Aug 1	47 Aug 23	42¾ Apr 3	48 Jun 17
2,100	37,500	Continental Insurance Co	5	58½	59	56¼	56¾	57	Sale	56 Aug 7	59 Aug 16	56 Aug 7	64½ Feb 18
1,500	15,000	Continental Motors (Un)	1	10¾	10⅞	11⅝	11⅞	11⅞	12⅛	12 Aug 12	12⅜ Aug 7	11 Jan 8	13½ Jun 5
3,200	31,100	Continental Oil (Del)(Un)	5	53½	54	59	59½	64⅝	65	60 Aug 6	63⅞ Aug 15	54⅞ Jan 4	63⅞ Aug 15
1,600	8,200	Controls Co of America	5	23	23½	23⅞	24⅛	25	25⅜	23⅝ Aug 14	25¾ Aug 28	22½ Jan 21	28¾ May 29
3,800	43,100	Corn Products Co	50c	49½	50	55¾	Sale	59¾	60	55⅝ Aug 5	59½ Aug 27	49¾ Jan 3	59¾ May 23
8,700	60,200	Crowell-Collier Publishing	1	19⅛	Sale	17⅝	Sale	19¾	Sale	17⅜ Aug 5	20¼ Aug 30	14⅜ Apr 2	20½ Jan 4
9,500	37,000	Crucible Steel Co of America (Un)	12.50	16⅞	Sale	20¾	Sale	24⅜	24⅝	20¾ Aug 1	25¼ Aug 23	16⅞ Jan 2	25¼ Aug 23
4,100	66,200	Curtiss-Wright Corp (Un)	1	17½	17¾	19⅞	Sale	20⅜	20⅝	19⅝ Aug 7	21¼ Aug 15	17⅝ Jan 16	24¼ May 16
2,800	24,300	Deere & Co	1	51¾	Sale	61½	Sale	67¼	67¾	60 Aug 8	68¾ Aug 26	51¾ Jan 2	69 Jun 11
6,300	33,100	Detroit Edison (Un)	10	28⅞	Sale	32	32¼	34½	Sale	32⅜ Aug 2	34⅝ Aug 23	31⅝ Jan 14	34¾ Jan 30
4,850	32,450	Dodge Manufacturing	5	56	Sale	35⅞	Sale	35½	Sale	35¼ Aug 15	36 Aug 19	28⅞ Jan 2	36⅞ Jun 24
5,900	42,100	Dow Chemical Co	5	31¼	31¾	58½	Sale	61¼	Sale	58½ Aug 1	61½ Aug 30	55¾ Mar 1	65⅞ May 1
1,900	15,400	du Pont (E I) (Un)	5	234¼	235	238¼	239	243½	Sale	240⅝ Aug 8	246½ Aug 16	229½ July 26	254 May 10
8,500	25,100	Eastern Air Lines Inc	1	19½	Sale	23⅞	Sale	27¼	Sale	23½ Aug 7	27¼ Aug 30	19¼ Jan 2	27¼ Aug 30
4,300	30,800	Eastman Kodak (Un)	10	106⅝	107¼	108⅜	Sale	109¾	110¼	108¼ Aug 2	111⅞ Aug 20	106¼ July 24	122 Apr 26
19,000	150,600	El Paso Natural Gas	3	17⅛	Sale	19	Sale	18½	Sale	18⅜ Aug 29	19¼ Aug 19	17⅛ Jan 2	20⅜ Apr 22
----	181	Elder Manufacturing Co	7.50	28	28½	13⅞	16½	13⅛	16½	-- ------	-- ------	12¼ Mar 1	13¾ Apr 26
3,300	55,400	Emerson Electric Mfg	1	12¼	--	34	34½	35½	35¾	33⅛ Aug 13	35⅜ Aug 28	27⅜ Jan 3	36½ May 13
----	100	Erie Lackawanna RR Co	*	--	--	--	--	--	--	-- ------	-- ------	3⅞ Feb 25	3⅞ Feb 25
14,600	128,300	Fairbanks-Whitney Corp	1	4½	Sale	5¼	Sale	5¼	Sale	4¾ Aug 16	5½ Aug 30	4¼ Apr 16	6⅛ Jan 11
3,300	27,000	Fairchild Camera & Instrument Corp (Un)	1	45¼	Sale	35	Sale	40¾	Sale	34¾ Aug 7	41 Aug 22	32¾ Apr 5	50½ Jan 14
14,200	117,100	Firestone Tire & Rub (Un)	*	35⅛	Sale	32⅝	Sale	35¼	Sale	32½ Aug 1	36¼ Aug 27	32¼ July 23	37⅝ Jan 29
2,700	28,400	First Wisconsin Bankshs	5	45	Sale	49	49¼	51	51¾	49¼ Aug 6	51 Aug 22	44¾ Jan 16	51 Aug 22
100	4,950	Flour Mills of America Inc	1	6½	7½	6	7½	5½	6	6 Aug 5	6 Aug 5	5½ Apr 17	7¼ Feb 8
21,600	306,200	Ford Motor Co	2.50	45⅜	Sale	50⅝	Sale	53⅞	Sale	49¾ Aug 1	54 Aug 26	42 Feb 28	56⅜ Jun 7
6,600	49,800	Foremost Dairies Inc	2	8¾	Sale	9¾	10	10½	10¾	9¾ Aug 15	10⅞ Aug 29	8¾ Jan 2	11 May 20
12,100	84,850	Fruehauf Corp	1	24¾	Sale	28¼	Sale	30½	30¾	28 Aug 9	31⅛ Aug 23	24¾ Jan 2	33⅜ Jun 7
1,400	24,750	FWD Corp	10	8⅞	9	9½	Sale	9¼	Sale	9 Aug 19	9½ Aug 1	8¾ Jan 2	10¼ Jan 31
600	9,600	General Amer Transport	1.25	70	70	77¼	78	79	80	78½ Aug 5	79⅞ Aug 19	67½ Mar 4	81 Jun 6
600	13,900	General Bankshares Corp	2	8¾	9	8⅝	8⅞	8¾	9	8⅝ Aug 5	8⅞ Aug 26	8⅜ Apr 8	9¼ Jan 24
4,800	84,500	General Box Corp	1	2⅜	Sale	2⅞	Sale	3	Sale	2⅞ Aug 1	3 Aug 5	2⅜ Jan 2	3¾ Feb 7
811	4,332	General Candy Corp	5	9½	10	10	Sale	11	12⅜	10 Aug 1	13 Aug 16	9 Feb 12	13 Aug 16
23,200	78,000	General Contract Finance	2	5	5⅜	4¾	5	5	Sale	5 Aug 5	5⅛ Aug 15	4⅝ May 24	5⅞ Jun 5
17,500	111,700	General Dynamics	1	28⅝	Sale	25½	Sale	27	Sale	23½ Aug 19	27¼ Aug 30	23½ Jun 27	29½ Feb 6
10,100	103,600	General Electric (Un)	5	76⅜	Sale	78	Sale	81⅜	Sale	78 Aug 1	82 Aug 15	72⅛ Mar 6	84¼ Jun 3
3,500	30,500	General Foods Corp	*	77¾	78½	81¾	82¼	86¼	Sale	82 Aug 9	86¾ Aug 29	78 Mar 1	86¾ Aug 29
22,900	69,000	General Mills	3	31¾	Sale	34⅞	Sale	38¼	Sale	34⅞ Aug 1	39 Aug 26	31½ Jan 3	39 Aug 26
59,300	521,500	General Motors Corp	1.66⅔	58	Sale	71⅛	Sale	75½	Sale	70½ Aug 1	75½ Aug 30	57⅞ Jan 2	75½ Aug 30
4,900	60,500	General Portland Cement	1	17½	Sale	20⅝	21	22½	22¾	20⅜ Aug 5	23⅛ Aug 23	17½ Jan 2	23⅛ May 13
2,600	25,100	Gen Public Util (Un)	2.50	32	32¼	32⅝	33	33¾	Sale	32½ Aug 14	34 Aug 28	32⅛ Jan 3	34¾ Feb 25
29,100	127,500	General Telephone & Electronics Corp	3.33⅓	23	Sale	25⅝	Sale	28	Sale	25⅝ Aug 1	28 Aug 30	23 Jan 2	28 Aug 30
6,500	210,900	General Tire & Rubber	30c	21	Sale	23¼	Sale	25⅜	Sale	22⅝ Aug 12	25⅜ Aug 30	20¾ Jan 16	27¾ May 1
----	4,000	Genesco Inc	1	--	--	--	--	--	--	-- ------	-- ------	36 Mar 26	36 Mar 26
2,000	2,500	Gerber Products Co	5	--	--	--	--	--	--	68½ Aug 28	68½ Aug 28	54¼ Jan 4	68½ Aug 28
45,200	375,600	Gillette (The) Co	1	31¼	Sale	33⅞	Sale	39	Sale	33⅞ Aug 1	40¾ Aug 26	28 Jan 11	40¾ Aug 26
----	5,800	Glen Alden Corp (Un)	1	9¾	10	--	--	--	--	-- ------	-- ------	10 Jan 4	12⅞ Feb 11
1,200	9,400	Glidden Co (Un)	10	36⅜	Sale	42	42½	43⅜	43¾	42⅜ Aug 14	44½ Aug 29	36⅜ Jan 2	44½ Aug 29
500	7,100	Goldblatt Brothers	8	14½	15½	14⅛	14⅝	14½	15¾	14 Aug 26	15 Aug 29	13 Mar 14	18 Jan 15
21,200	150,400	Goodyear Tire & Rubber	*	33½	Sale	34⅞	Sale	37⅝	38	34¾ Aug 1	38⅝ Aug 27	32 Mar 1	38⅝ Aug 27
1,500	18,900	Gossard Co (H W)	*	17¼	18	18	Sale	19½	Sale	18 Aug 1	19½ Aug 29	17⅛ Jan 4	19½ Aug 29
14,500	59,300	Granite City Steel	6.25	27⅝	Sale	26¼	Sale	28¼	Sale	26¼ Aug 1	29⅛ Aug 22	26 July 26	33 Apr 16
7,700	45,800	Gray Drug Stores	1	13¾	Sale	13¾	14½	13⅞	Sale	12⅛ Aug 20	14⅜ Aug 2	12⅛ Jun 27	15⅝ Jan 10
2,200	17,200	Great Lakes Dredge & Dk	*	44¾	45	56½	57¼	59¼	Sale	56¾ Aug 16	59¼ Aug 30	45 Jan 3	59¾ Jun 17
50	820	Gt Lakes Towing Co com	*	28	--	28	30	28	30	28 Aug 6	28 Aug 6	28 Mar 7	31 Jan 11
----	272	7% non-cum preferred	100	96½	--	96½	--	96½	--	-- ------	-- ------	96½ Apr 1	96½ Apr 1
495	2,200	Greif Bros Cooperage cl A	*	--	--	62	66	62	--	61½ Aug 14	62½ Aug 9	60 Jan 8	65 Jun 7
7,400	52,400	Greyhound Corp (Un)	3	31⅞	Sale	39¾	Sale	45	Sale	39¾ Aug 1	45½ Aug 16	31½ Jan 2	45½ Aug 16
324	4,120	Griesedieck Co	1	12⅜	Sale	13½	--	13½	--	13½ Aug 5	13¾ Aug 19	12⅜ Jan 2	13¾ Apr 10
18,300	169,600	Gulf Oil Corp	8.33⅓	39½	Sale	48	Sale	49⅜	Sale	47¾ Aug 2	50¼ Aug 29	38¼ Jan 8	50¼ Aug 29
4,400	17,300	Gulf States Utilities Co	*	39⅝	Sale	35¾	36½	38⅜	38¾	35⅞ Aug 14	38⅛ Aug 22	34⅝ Jan 3	39 Mar 15
----	2,600	Hammond Organ Co	1	--	--	--	--	--	--	-- ------	-- ------	22 Mar 6	22⅝ Jan 25
5,000	28,200	Hanna (M A) Co	2.50	26¼	26½	31¾	32	36⅝	Sale	32 Aug 5	36⅝ Aug 30	26¼ Jan 3	36⅝ Aug 30
2,350	22,400	Heileman (G) Brewing	1	15½	16	19⅝	20	19½	19⅝	19½ Aug 5	19⅞ Aug 2	16 Jan 4	20½ Jun 20
2,350	20,375	Hein-Werner Corp	3	15	15¼	18	18½	20½	Sale	18½ Aug 5	20½ Aug 30	13¾ Jan 25	21 July 16
13,400	37,000	Heller (W E) & Co	25c	17⅝	Sale	13⅞	Sale	14½	Sale	13¾ Aug 2	15⅛ Aug 19	13⅝ July 5	18⅞ Jan 28
900	13,000	Hertz Corp	1	44½	45	46⅝	47	45⅝	46	46⅛ Aug 23	49 Aug 15	42 Feb 12	54½ Jun 7
105	823	Hibbard Spencer Barlett	25	--	153	142	150	148	181	149 Aug 23	150 Aug 21	140 Jun 26	181 May 14
100	4,200	Holmes (D H) Co Ltd	20	23	23¾	30	30½	30½	30¾	30½ Aug 14	30½ Aug 14	24 Jan 4	31 Jun 28
4,000	139,000	Howard Industries Inc	1	6¾	Sale	6½	Sale	6½	Sale	6½ Aug 1	6¾ Aug 6	6⅜ Jan 3	8⅛ Feb 4
----	1,500	Hubbell (Harvey) class A	5	--	--	--	--	--	--	-- ------	-- ------	17⅝ Mar 7	17⅝ Mar 7
15,100	31,600	Hupp Corp	1	7⅞	Sale	6⅞	7½	7¾	Sale	6⅝ Aug 12	8 Aug 29	6⅝ Aug 12	8½ Jan 9
1,350	10,850	Huttig Sash & Door	10	24½	25¼	28⅛	Sale	29	29¾	27⅞ Aug 8	29¼ Aug 28	25¼ Jan 3	30⅜ Jun 3
800	44,200	Illinois Brick Co	10	18¾	19½	22½	23½	22⅛	Sale	22 Aug 19	23 Aug 9	19 Jan 8	26½ Mar 8
2,200	29,000	Illinois Central RR	*	39⅜	Sale	53½	53⅞	56¾	Sale	53⅜ Aug 5	57⅝ Aug 19	39⅜ Jan 2	59 Jun 24
----	21	Indiana & Michigan Electric Co 4⅛% preferred	100	--	--	--	--	--	--	-- ------	-- ------	92 May 10	92 May 10
----	1,400	Indianapolis Pow & Light	*	--	--	--	--	--	--	-- ------	-- ------	31 Mar 13	32⅝ Jun 18
15,100	92,700	Inland Steel Co	*	36⅜	36¾	x40⅝	Sale	44½	Sale	x40⅛ Aug 1	44⅝ Aug 30	36 Mar 1	44⅝ Aug 30
2,900	26,000	Interlake Steamship Co	*	25	25¾	28⅝	Sale	29½	29¾	28⅛ Aug 8	30 Aug 26	26 Jan 4	32 Apr 23
11,800	71,200	Int'l Harvester Co	*	49¾	50⅛	54½	Sale	57⅛	Sale	54⅜ Aug 5	57⅝ Aug 29	50⅞ Jan 4	63 May 20
6,400	31,300	Int'l Minerals & Chem	5	40¾	41¼	51½	Sale	61⅜	Sale	51¼ Aug 1	61⅜ Aug 30	40¼ Jan 3	61⅜ Aug 30
1,700	12,200	Int'l Nickel Co (Un)	*	62⅜	62⅞	56¾	57¼	64¼	Sale	57⅛ Aug 2	64¼ Aug 30	57⅛ Aug 2	67⅜ Jan 16
10,700	122,100	Internatl Paper (Un)	2.50	26⅜	Sale	28⅝	28⅞	31⅜	Sale	28⅝ Aug 2	31⅜ Aug 30	26⅜ Jan 2	32½ Apr 5
4,800	22,600	International Shoe Co	*	25	25¾	23¾	24¼	25⅝	26¼	24 Aug 2	26¼ Aug 27	24 Aug 2	28¼ Apr 2
11,400	60,800	Int'l Tel & Tel (Un)	*	41⅞	42⅛	49¼	Sale	52¾	53	49¼ Aug 1	52¼ Aug 29	42⅝ Mar 21	52½ Aug 29
----	2,000	Iowa Power & Light	10	--	--	--	--	--	--	-- ------	-- ------	55¼ Mar 28	55 Mar 28
18,400	54,300	Jefferson Electric Co	5	9	Sale	8	Sale	6⅝	Sale	6⅜ Aug 9	8⅛ Aug 1	6⅜ Aug 9	9 Jan 15
1,200	18,400	Johns Manville Corp (Un)	5	43	43½	46⅜	46⅞	48½	50	46⅞ Aug 8	49 Aug 22	43 Jan 3	61 Jan 6
100	1,780	Johnson Stephens Shinkle	*	6	6⅜	5½	6	5⅜	6	5½ Aug 6	5½ Aug 6	5⅜ Apr 24	6⅛ Mar 19
3,800	24,900	Jones & Laughlin Steel (Un)	10	47⅞	Sale	53	53⅜	60½	Sale	55⅛ Aug 9	61¼ Aug 29	47⅞ Jan 2	61¾ Aug 29

*No par value. †Corrected volume. a Deferred delivery sale. r Cash sale. x Ex-dividend. (Un) Issue admitted to unlisted trading privileges y Ex-rights. z Ex-stock dividend.

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Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	Midwest Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
2,700	27,200	Kaiser Alum & Chem	33⅓	35⅝	Sale	33¼	33¾	34¾	Sale	34⅝ Aug 6	36⅝ Aug 21	32¾ Mar 1	42 Jun 5
600	8,700	Kansas City Pw & Lt (Un)	*	--	--	--	--	--	--	42¼ Aug 13	42¼ Aug 13	39½ Apr 17	42¼ Aug 13
100	3,700	Kansas Pwr & Lt (Un)	8.75	47½	48¼	50¾	51½	49½	50½	51¼ Aug 19	51¼ Aug 19	49⅝ May 22	53½ Mar 7
6,400	56,100	Kennecott Copper (Un)	*	66¾	Sale	72¼	Sale	74¼	74¾	71⅞ Aug 5	74½ Aug 21	66¾ Jan 2	79¼ May 2
2,800	35,200	Kimberly-Clark Corp	5	54⅛	Sale	62¾	63¼	69½	Sale	63¼ Aug 8	69½ Aug 30	52⅝ Mar 13	69½ Aug 30
1,400	13,100	Knapp Monarch Co	1	6⅝	Sale	7⅛	7¼	7½	Sale	7⅛ Aug 2	7½ Aug 29	6⅝ Jan 2	8⅛ Mar 11
1,000	14,700	Laclede Gas Co	4	27¾	Sale	29¾	30	29	29½	28½ Aug 20	30 Aug 2	27¾ Jan 2	35⅜ May 7
300	6,150	Leath & Co	*	19⅛	20	20¾	21¼	21¼	21½	21 Aug 6	21½ Aug 21	19⅛ Jan 14	23½ Apr 22
4,300	96,000	Libby McNeil & Libby	7	12¼	12½	14⅜	14⅝	14	Sale	13⅞ Aug 28	14¾ Aug 9	12¼ Jan 22	16¼ May 1
3,400	23,400	Liggett & Myers Tob (Un)	25	66¾	Sale	73¾	74⅜	74¼	Sale	72 Aug 16	76¼ Aug 7	66¾ Jan 2	83¾ May 6
1,000	22,900	Lincoln Printing Co com	50c	9	Sale	6¾	7⅛	5⅜	6	5⅞ Aug 29	6¾ Aug 2	5 Jun 21	9⅜ Jan 2
----	20	$3.50 preferred	*	--	46	--	42	--	39	-- ------	-- ------	43¾ Jan 28	43¾ Jan 28
9,400	46,400	Ling Temco Vought (Un)	50c	16½	Sale	16	16¼	16½	Sale	15⅜ Aug 14	17⅝ Aug 27	13¾ July 12	18⅛ Feb 27
200	29,700	Lockheed Aircraft (Un)	1	52¾	53¼	49⅞	Sale	--	--	49¼ Aug 2	49⅞ Aug 1	48⅜ July 23	58¼ Jun 25
5,700	6,500	New common	1	--	--	37	37⅜	37⅜	Sale	35½ Aug 16	38 Aug 6	35½ Aug 16	43¾ Jun 24
3,100	33,300	Lorillard (P) Co (Un)	5	42½	42⅞	44½	Sale	47⅞	Sale	44⅜ Aug 1	48⅛ Aug 29	42½ Feb 28	54 Apr 18
----	500	Louisville Gas & Electric	*	--	--	--	--	--	--	-- ------	-- ------	36 Apr 19	36 Apr 19
400	8,400	Lytton's (Henry C) & Co	1	8¼	8¾	8⅞	9	9	9¼	8⅝ Aug 13	9 Aug 20	8¼ Jan 31	11⅛ Apr 26
3,500	44,900	Marathon Oil Co	*	44½	Sale	54⅞	55⅛	58⅛	58⅝	55¼ Aug 5	59⅜ Aug 16	43½ Feb 28	59⅜ Aug 16
5,500	109,300	Marquette Cement Mfg	4	37	Sale	33⅛	33⅜	35	35½	33¼ Aug 2	35¼ Aug 26	33¼ Aug 2	40¼ May 23
7,400	56,500	Marshall Field & Co	*	33¾	34¼	35⅛	Sale	34	34½	33¾ Aug 23	35⅜ Aug 1	32⅝ Apr 3	38¼ Feb 5
31,700	234,500	Martin-Marietta (Un)	1	21⅝	Sale	18½	Sale	19⅝	Sale	18⅛ Aug 9	19⅞ Aug 22	18 July 26	22⅝ Jan 4
----	3,500	McCrory Corp	50c	16	16⅜	--	--	--	--	-- ------	-- ------	13¼ Apr 30	17 Feb 6
393	1,807	McKay Machine Co	*	47¾	Sale	47	50	50½	Sale	47 Aug 6	50½ Aug 30	47 July 26	51 Apr 22
1,950	20,000	Means (F W) & Co	*	35¼	Sale	47¼	Sale	49¾	50¼	47¼ Aug 1	50¼ Aug 16	35 Jan 2	50¼ Aug 16
1,600	9,600	Merck & Co (Un)	16⅔c	77⅜	78¼	95¼	Sale	107⅞	Sale	95¼ Aug 1	107⅜ Aug 30	79¼ Jan 4	107⅜ Aug 30
1,000	16,100	Merritt Chapman & Scott	12½	12	12¼	11⅞	12⅛	12	Sale	12 Aug 2	12 Aug 2	11½ July 16	13¼ Apr 26
7,400	23,300	Metropolitan Brick Inc	4	5⅝	Sale	5	5¼	4¼	4¾	4⅝ Aug 30	5⅛ Aug 7	4⅝ Aug 30	6 Feb 8
1,236	5,028	Meyer Blanke Co	*	9⅛	Sale	7½	9½	8	9½	7½ Aug 5	9 Aug 29	7½ Apr 29	9⅛ Jan 2
500	8,750	Mickelberry's Food Prod	1	17	17½	19	Sale	19	19½	19 Aug 1	19⅛ Aug 28	17 Jan 9	19¾ Jun 13
3,700	52,400	Middle South Utilities	10	35¼	35¾	37¾	Sale	28¾	Sale	37¾ Aug 1	39¾ Aug 21	35 Jan 17	39¾ Aug 21
6,800	35,300	Minneapolis Brewing Co	1	10⅛	Sale	12	Sale	12⅝	12⅞	12 Aug 1	12⅞ Aug 13	10⅛ Jan 2	13¼ May 27
26,200	193,700	Minn Min & Mfg (Un)	*	53	Sale	58	Sale	63	Sale	58 Aug 1	63¾ Aug 19	53 Jan 2	64⅜ Apr 24
3,300	65,700	Mississippi River Fuel	10	38⅜	Sale	37⅜	27¾	40¼	40¾	37⅜ Aug 7	40⅜ Aug 26	37⅜ Aug 7	43½ Feb 18
----	100	Missouri Portland Cem't	6.25	--	--	--	--	--	--	-- ------	-- ------	36⅜ May 16	36'⅜ May 16
2,450	11,400	Modine Manufacturing Co	*	26	27	27½	29	29½	Sale	26¾ Aug 26	29½ Aug 30	25¼ Mar 13	31½ May 24
475	5,028	Monroe Chemical Co	*	4	4⅞	4¾	Sale	3½	4½	3½ Aug 6	4¾ Aug 1	3½ Jan 16	4¾ Apr 17
13,200	76,500	Monsanto Chemical (Un)	2	49¾	Sale	51½	Sale	54½	Sale	50⅜ Aug 14	55 Aug 26	49 Jan 17	55 Aug 26
13,300	186,800	Montgomery Ward & Co	*	32½	Sale	37⅜	Sale	39⅛	Sale	36¾ Aug 2	39⅝ Aug 23	32½ Jan 3	41¼ Jun 12
600	5,600	Morris (Philip) Inc (Un)	5	74¼	74¾	73¾	74¼	77	77½	72⅝ Aug 22	74⅞ Aug 12	72⅝ Aug 22	88 Apr 19
4,200	48,000	Motorola Inc	3	60¾	Sale	71¾	72¼	75¼	75¾	71⅜ Aug 2	77⅜ Aug 16	58½ Apr 5	77⅜ Aug 16
200	3,300	Muter Co	50c	3⅞	4⅜	4	4½	4⅛	Sale	4 Aug 9	4⅛ Aug 30	4 Aug 9	5⅛ Mar 14
500	6,000	Nachman Corp	5	--	--	--	--	--	--	5 Aug 20	5 Aug 20	5 Feb 26	5⅛ Apr 3
3,200	25,000	Nat'l Cash Register (Un)	5	80¼	80¾	66½	Sale	70½	Sale	66½ Aug 1	71 Aug 19	65⅛ July 22	80⅝ Jan 8
7,700	54,600	Nat'l Distillers & Chem Corp (Un)	5	24⅜	Sale	25⅜	Sale	25½	Sale	25 Aug 8	25¾ Aug 16	24 Feb 28	26⅛ Jan 28
700	16,700	Nat'l Gypsum Co (Un)	1	40½	40⅞	45¼	Sale	46⅜	46¾	45¼ Aug 1	46⅝ Aug 29	41⅜ Jan 4	50 May 3
4,300	47,700	National Lead Co	5	--	--	74¼	Sale	77	Sale	74¼ Aug 1	78⅜ Aug 27	70 May 27	78⅜ Aug 27
500	9,800	National Tile & Mfg	1	3⅛	Sale	4⅛	4¼	3¾	Sale	3¾ Aug 30	4¼ Aug 2	3 Feb 5	5¼ Mar 27
13,100	52,900	New York Central RR	1	15⅜	Sale	19⅞	20⅛	23½	Sale	20⅜ Aug 14	23⅞ Aug 23	15¼ Jan 2	23⅞ Aug 28
3,200	44,600	Nor Amer Aviation (Un)	1	64¾	65	55¼	55⅝	54½	54¾	51½ Aug 15	56⅜ Aug 19	51½ Aug 15	64⅞ Apr 8
2,100	11,100	North American Car Corp	7	24⅜	Sale	22	22½	23⅜	Sale	23¼ Aug 29	24 Aug 14	21 Mar 5	25⅝ May 2
650	4,300	Northern Illinois Corp	*	15	15½	17⅝	18	17⅝	18	17¾ Aug 22	18 Aug 6	15 Jan 7	18¼ July 22
32,000	226,900	Northern Illinois Gas Co	5	58½	Sale	61	Sale	61⅝	Sale	60½ Aug 16	61⅝ Aug 22	57¾ Jan 7	66½ May 15
7,500	64,600	Northern Indiana Public Service Co	*	39½	39⅞	54½	Sale	54¾	Sale	54⅜ Aug 7	57⅜ Aug 15	43¾ Jan 4	57⅜ Aug 15
1,200	21,100	Northern Natural Gas Co	10	43⅜	Sale	52½	53⅛	56	Sale	51½ Aug 9	57⅛ Aug 26	43⅜ Jan 2	57⅛ Aug 26
3,400	34,300	Northern Pacific Ry (Un)	5	39½	39⅞	47⅛	Sale	48	48½	46½ Aug 7	48½ Aug 15	39⅛ Jan 17	48½ Jun 21
3,700	45,000	Northern States Power (Minn) (Un)	5	35½	Sale	36	36⅛	36¼	Sale	35½ Aug 13	36½ Aug 23	33½ Mar 29	38¼ Jun 5
1,300	9,700	Northwest Bancorp	3.33	44	44¾	46¼	46¾	50¼	50¾	46 Aug 13	50 Aug 28	43¾ Jan 8	50 Aug 28
----	17,700	Oak Manufacturing Co	1	13⅛	13⅜	--	--	--	--	-- ------	-- ------	13¼ Jan 7	17½ Apr 1
1,800	12,000	Ohio Edison Co	15	47¼	Sale	46¾	47	50½	51	47½ Aug 2	51¼ Aug 26	46⅛ July 26	51¼ Aug 26
1,500	26,600	Oklahoma Nat Gas Co	7.50	36¼	36¾	37½	37⅞	37⅞	38¼	38 Aug 5	38¾ Aug 14	34⅝ May 31	38¾ Aug 14
7,200	40,800	Olin Mathieson Chemical	5	31½	Sale	40¼	Sale	42¾	Sale	40¼ Aug 1	43¾ Aug 15	31½ Jan 2	44⅜ Jun 24
----	2,600	Owens-Illinois Glass Co	6.25	--	--	--	--	--	--	-- ------	-- ------	72½ Jan 24	72½ Jan 24
6,200	30,400	Pacific Gas & Elec (Un)	10	32	Sale	31½	Sale	33⅞	Sale	31⅜ Aug 1	33⅞ Aug 30	31 July 24	34½ Jan 28
4,400	19,700	Packaging Corp of Amer	5	15⅞	16¼	14¾	Sale	16	Sale	14½ Aug 2	16⅛ Aug 26	14 Apr 25	17½ Jan 16
11,200	82,100	Pan American World Airways Inc (Un)	1	22	Sale	39	Sale	44⅜	Sale	38⅞ Aug 1	44⅜ Aug 30	21¾ Jan 4	44⅜ Aug 30
1,100	4,100	Paramount Pictures (Un)	1	36⅛	36⅝	43⅝	Sale	51½	52	43½ Aug 5	47½ Aug 14	36 Mar 20	47½ Aug 14
72,900	188,000	Parke-Davis & Co	*	24¾	25	26⅛	Sale	32½	Sale	25¾ Aug 2	34¼ Aug 12	24½ Mar 20	34¼ Aug 12
100	800	Parker Pen class B	2	--	--	--	--	--	--	24¼ Aug 16	24¼ Aug 16	22⅜ May 9	24¼ Aug 16
7,700	27,200	Peabody Coal Co	5	30⅝	30⅞	36¼	36½	39⅝	39⅞	36½ Aug 2	40 Aug 29	29⅝ Jan 28	40 Aug 29
24,600	134,800	Pennsylvania RR	10	13¼	Sale	18⅛	Sale	21¾	Sale	18⅛ Aug 1	21¾ Aug 30	13¼ Jan 2	21¾ Aug 30
8,600	60,100	Peoples Gas Lt & Coke	*	47½	Sale	52⅝	Sale	52⅝	Sale	52 Aug 16	53½ Aug 19	46 Feb 12	56⅛ May 15
1,500	18,000	Pepsi-Cola Co	33⅓c	46⅛	46½	52	52¼	58	58¼	54¼ Aug 6	57⅞ Aug 29	46½ May 27	57⅞ Aug 30
9,000	55,200	Pfizer (Charles) (Un)	33⅓c	47	Sale	48½	Sale	54¾	Sale	47¾ Aug 5	55⅛ Aug 29	47 Jan 2	55⅛ Aug 29
1,200	23,600	Phelps Dodge (Un)	12.50	54¾	Sale	62⅛	62⅜	62⅛	62½	60½ Aug 19	62½ Aug 6	53 Mar 1	62½ Jun 14
11,700	98,200	Phillips Petroleum Co (Un)	5	49	Sale	52	Sale	53⅛	Sale	51¼ Aug 2	53½ Aug 23	47⅛ Jan 14	55½ Jun 7
316	3,346	Potter Co (The)	1	16½	18½	12	15⅞	11½	12½	11⅞ Aug 21	16 Aug 5	11⅞ Aug 21	17 Feb 5
----	23	Process Corp	*	14¾	--	16⅜	--	16⅜	--	-- ------	-- ------	15 May 21	16⅜ May 21
3,800	49,100	Procter & Gamble (Un)	*	70⅞	Sale	72⅜	Sale	79	Sale	72 Aug 2	79⅞ Aug 16	70⅛ Mar 1	79⅞ Aug 16
18,900	34,900	Pub Serv Co of Colo	5	--	--	--	--	--	--	30⅞ Aug 14	30⅞ Aug 14	28⅞ Apr 10	30⅞ Aug 14
1,100	34,100	Public Serv Corp of Ind	*	32¼	32¾	39¾	40¼	39¾	40¼	x38½ Aug 12	40⅛ Aug 15	32½ Jan 4	40⅞ July 25
4,400	39,500	Pullman Co (Un)	*	24⅛	Sale	27⅜	Sale	28¾	Sale	27 Aug 8	29½ Aug 23	24 Jan 2	31½ Jun 3
9,300	83,100	Pure Oil Co	5	37	37¼	44⅜	Sale	46⅝	47	43½ Aug 21	47½ Aug 27	36½ Jan 11	47½ Aug 27
2,800	14,500	Quaker Oats Co	5	62	62¾	64¼	64¾	72¼	72¾	64 Aug 5	72¼ Aug 29	61¼ Apr 17	72¼ Aug 29
10,500	94,100	Radio Corp of Amer (Un)	*	57¼	Sale	68	Sale	72	Sale	67⅜ Aug 1	72⅝ Aug 26	56¾ Jan 3	74⅜ Jun 13
4,500	33,200	Raytheon Company	5	28⅜	28⅝	21½	Sale	20¾	Sale	19⅜ Aug 28	22¼ Aug 8	19⅜ Aug 28	30¼ Feb 25
17,500	112,900	Republic Steel (Un)	10	35	Sale	36½	Sale	40	Sale	36½ Aug 1	40⅜ Aug 23	34⅞ Jan 2	41¼ Apr 16
10,200	39,500	Revlon Inc	*	40⅝	Sale	41½	Sale	46¾	Sale	41⅜ Aug 1	47½ Aug 28	40½ July 25	48⅜ Jan 24
4,300	32,300	Rexall Drug & Chemical (Un)	2.50	33	Sale	38	Sale	40¼	Sale	37½ Aug 1	41⅛ Aug 26	29⅛ Mar 8	41⅛ Aug 26
5,600	126,400	Reynolds Metals Co (Un)	*	23¾	Sale	31¼	Sale	33¼	Sale	30⅞ Aug 2	34½ Aug 26	23¾ Jan 2	37⅛ Jun 12
28,400	202,300	Reynolds (R J) Tob (Un)	5	41¾	Sale	37¾	Sale	41¼	Sale	37⅜ Aug 1	41¼ Aug 30	36¾ July 17	47¼ May 14
3,450	65,100	Richman Bros Co	*	28	Sale	28	Sale	28⅞	Sale	28 Aug 1	28⅞ Aug 30	27⅛ Jun 27	30⅞ Jan 24
----	400	Rockwell Standard Corp	5	--	--	--	--	--	--	-- ------	-- ------	39⅜ May 6	40⅜ May 22
13,100	204,100	Royal Dutch Petrol (Un)	20g	43⅜	Sale	47½	Sale	47¼	Sale	46⅜ Aug 14	48¾ Aug 7	43½ Jan 2	49¾ May 1

*No par value. ‡Corrected volume. a Deferred delivery sale. r Cash sale. t Ex-liquidating distribution. x Exdividend. (Un) Issue admitted to unlisted trading privileges. y Ex-rights

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Aggregate Sales in August Shares	Since Jan. 1 Shares	Midwest Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
126	3,208	St Louis Nat Stockyards	*	--	53	51	52	50	Sale	50 Aug 23	51 Aug 2	48 Jan 9	53 Jan 7
----	58,200	St Louis Pub Serv cl A	12	13⅜	Sale	--	--	--	--	------	------	13⅜ Jan 2	14 Apr 25
3,500	51,400	St Regis Paper Co	5	26⅝	Sale	29⅜	Sale	31¾	Sale	28¼ Aug 5	32⅛ Aug 26	26⅝ Jan 2	34¼ Apr 23
11,600	98,800	San Diego Imperial Corp	1	10	Sale	11¾	12	13⅜	Sale	11⅝ Aug 21	13¾ Aug 29	10 Jan 2	13¾ Apr 15
----	4,200	Sangamo Electric Co	5	11⅝	11⅞	--	--	--	--	------	------	11¼ Apr 10	13⅛ Jan 11
1,000	22,100	Schenley Indus (Un)	1.40	18⅜	18⅝	20⅝	20⅞	21½	Sale	21 Aug 8	21¾ Aug 19	18½ Jan 3	23 May 21
5,800	31,100	Schering Corp (Un)	1	40⅜	40⅝	36¾	Sale	38	Sale	36 Aug 5	38 Aug 30	35½ July 22	44⅞ Jan 18
5,961	15,252	Schwitzer Corp	1	59	Sale	76¾	Sale	96	102	76½ Aug 1	105 Aug 26	59 Jan 2	105 Aug 26
13,000	118,900	Sears Roebuck & Co	3	76½	Sale	88	Sale	93¾	Sale	87¾ Aug 5	94¼ Aug 14	74⅜ Jan 17	94¼ Aug 14
2,300	18,300	Servel Inc	1	9⅛	9¾	7⅜	7⅝	6⅞	Sale	6¾ Aug 22	7½ Aug 2	6¾ Aug 22	11¼ Jan 22
2,100	14,000	Sheaffer (WA) Pen Co cl A	1	8⅛	8⅝	8¾	Sale	9¼	Sale	8¾ Aug 1	9¼ Aug 30	8½ Jun 10	9¼ Apr 11
1,700	11,600	Class B	1	8¼	8⅝	8⅝	9	8⅞	9¼	8⅝ Aug 2	9¼ Aug 2	8⅝ Jan 3	9⅜ Apr 30
1,000	44,300	Shell Oil Co	1	38	Sale	43½	43⅞	46¼	Sale	44 Aug 2	46⅜ Aug 20	34⅝ Jan 16	46⅜ Aug 20
----	2,000	Signode Steel Strapping	1	23⅞	24¼	--	--	--	--	------	------	22½ Mar 4	22⅝ Mar 4
19,000	121,500	Sinclair Oil Corp	5	35⅞	Sale	45⅝	Sale	49⅛	Sale	45½ Aug 1	49½ Aug 29	35½ Jan 2	49½ Aug 29
9,300	89,200	Socony Mobil Oil (Un)	15	58¾	Sale	69⅜	Sale	72¾	Sale	68¼ Aug 2	73⅛ Aug 28	58½ Jan 22	73⅛ Aug 28
8,400	76,500	Southern Co (Un)	5	51¼	Sale	55¼	55¾	55⅝	Sale	54⅝ Aug 23	56 Aug 5	51⅛ Jan 2	56⅞ May 13
8,700	93,800	Southern Pacific Co (Un)	*	29½	Sale	34⅝	Sale	35½	Sale	34⅝ Aug 1	37⅛ Aug 22	28½ Feb 28	37⅜ Jun 25
1,100	10,000	Southwest'n Pub Serv Co	1	34¼	34¾	36⅛	36⅜	36⅛	Sale	36 Aug 2	36¼ Aug 5	33½ Mar 8	38 Jun 21
----	45	Sparton Corp 6% pfd	100	89½	96	88½	--	89	--	------	------	95 Jun 7	96 Mar 18
45,500	327,600	Sperry-Rand Corp (Un)	50c	13¾	Sale	15	Sale	15¾	Sale	13⅞ Aug 9	15¾ Aug 30	13 Jan 11	16½ Jun 12
6,600	35,200	Spiegel Inc	*	25¼	Sale	26⅞	Sale	29¼	Sale	26⅜ Aug 2	29¼ Aug 30	25¼ Jan 2	32¼ May 20
2,100	16,900	Square D Co (Un)	5	36¼	Sale	44⅜	44⅞	48	Sale	44⅝ Aug 8	48 Aug 28	36 Jan 2	48 Aug 28
100	1,000	Standard Dredging	1	7⅝	8⅛	10½	11	10⅛	10⅝	10⅛ Aug 28	10⅛ Aug 28	8⅛ Jan 16	10½ Jun 20
4,100	18,200	Stand Kollsman Ind (Un)	1	18¾	19	13½	Sale	14½	Sale	12⅝ Aug 14	15 Aug 15	12⅝ Aug 14	20½ Feb 14
4,200	46,300	Stand Oil Co of Calif	6.25	62	Sale	66⅜	Sale	65⅞	Sale	65⅝ Aug 21	67¼ Aug 6	61½ Feb 28	69 Apr 24
21,200	192,700	Standard Oil of Indiana	25	47	Sale	62	Sale	65	Sale	61½ Aug 1	65⅝ Aug 15	47 Jan 2	65⅝ Aug 15
29,900	3,366,700	Standard Oil N J (Un)	7	59½	Sale	70⅛	Sale	71½	Sale	70 Aug 1	71¾ Aug 6	58½ Jan 2	71¾ Aug 6
2,200	28,600	Standard Oil of Ohio	10	53¼	Sale	65½	65⅞	66	Sale	63¾ Aug 27	67½ Aug 9	52¾ Jan 2	70 May 13
3,300	26,400	Standard Packaging	1	14½	Sale	13⅝	Sale	13¾	Sale	13⅛ Aug 13	14¼ Aug 30	12½ July 15	16⅛ Jan 15
----	10,400	Stanray Corp	1	7¼	Sale	--	--	--	--	------	------	7¼ Jan 2	9⅜ Feb 25
800	28,900	Stewart-Warner Corp	2.50	30	Sale	35⅜	Sale	34⅛	Sale	34 Aug 26	35⅜ Aug 1	29¼ Feb 25	37 Jun 10
548	9,997	Storkline Corp	5	31	Sale	--	44	--	47	41½ Aug 13	43 Aug 14	28¼ May 3	45 July 15
51,500	276,700	Studebaker Corp (Un)	1	6¼	Sale	6⅜	Sale	7½	Sale	6⅜ Aug 1	7½ Aug 30	5⅞ May 20	8 Feb 14
2,700	35,300	Sunbeam Corp	1	42½	43	53½	54	54¼	Sale	53 Aug 6	54⅜ Aug 14	42 Jan 25	54¾ Jun 24
900	28,100	Sunstrand Corp	5	22¼	Sale	24½	Sale	x24¼	Sale	22⅝ Aug 20	24½ Aug 1	22¼ Jan 2	28 May 23
45,400	234,000	Sunray D X Oil Co	1	25½	Sale	34⅞	Sale	34⅜	Sale	34¼ Aug 22	36¼ Aug 5	25½ Jan 2	36¼ Aug 5
2,200	33,200	Swift & Co	25	40¾	Sale	40⅜	40⅝	40⅛	Sale	39½ Aug 13	40⅛ Aug 22	38¾ July 19	43⅞ Apr 10
38,400	360,700	Tenn Gas Transmission	5	18	Sale	20	Sale	20¼	Sale	20 Aug 1	20⅜ Aug 16	17⅞ Jan 2	21½ Apr 20
9,400	127,900	Texaco Inc	12.50	61¾	Sale	72	Sale	73⅛	Sale	71¼ Aug 2	74¼ Aug 28	59½ Jan 7	74¼ Aug 28
11,200	105,200	Texas East'n Trans Corp	3.50	16⅜	Sale	18¼	Sale	19⅛	Sale	18⅛ Aug 9	19¼ Aug 30	16⅜ Jan 2	19¼ Aug 30
----	5,300	Texas Gas Transmission	5	41½	42	--	--	--	--	------	------	41½ Mar 4	45 Apr 17
5,700	53,400	Texas Gulf Producing	3.33⅓	41⅝	42⅛	57	Sale	60	Sale	57 Aug 1	60 Aug 12	43½ Jan 9	62 Jun 12
20,800	121,300	Texas Gulf Sulphur (Un)	*	14⅛	Sale	14⅞	Sale	15½	Sale	14⅞ Aug 1	16¼ Aug 14	13¾ Mar 27	16⅝ Apr 24
----	800	Texas Utilities Co	*	--	--	--	--	--	--	------	------	52⅝ July 1	52⅝ July 1
2,800	40,200	Textron Inc	50c	29⅞	Sale	35½	Sale	38⅜	38¾	35½ Aug 1	39¼ Aug 14	29½ Mar 21	39¼ Aug 14
600	4,800	Thompson Ramo-Wooldr	5	52¼	52¾	53½	54	53	Sale	51½ Aug 21	53 Aug 30	51½ Aug 21	59½ Jun 5
----	2,500	Thor Power Tool Co	*	29	29½	--	--	--	--	------	------	30¾ July 23	32¾ Feb 12
100	3,600	Toledo Edison Co	5	26¼	26½	28¾	29¼	30	30⅜	29¾ Aug 9	29¾ Aug 9	25¾ Mar 1	29¾ Aug 9
----	4,800	Trane Co	2	--	--	--	--	--	--	------	------	70 July 25	75¼ May 1
4,400	19,300	Transamerica Corp (Un)	2	44⅝	45	52	Sale	54⅜	54⅝	52 Aug 1	54⅞ Aug 16	44¾ Feb 5	54⅞ Aug 16
----	4,400	Trav-ler Industries	1	4	4¼	--	--	--	--	------	------	4 Apr 2	4⅓ Jan 10
1,900	12,400	Tri-Continental Corp (Un)	1	42¼	42¾	46	Sale	47¾	48¼	45⅜ Aug 8	48⅛ Aug 29	42¾ Mar 4	48⅛ Aug 29
2,100	17,400	20th Cent-Fox Film (Un)	1	20	20¼	29⅛	29½	33⅜	Sale	29¼ Aug 2	33⅝ Aug 29	21⅞ Jan 4	36 May 31
35	1,075	208 So La Salle St Corp	*	72½	77	74½	75½	74⅝	75	74½ Aug 8	74¾ Aug 23	71½ Jan 7	76 Jan 10
1,000	6,900	Union Bag-Camp (Un)	6⅔	34½	35	35¼	35⅝	40⅛	40⅝	35½ Aug 8	39⅞ Aug 27	35⅛ July 25	41 May 23
3,600	71,400	Union Carbide Corp	*	101	Sale	x105½	Sale	109¼	109¾	x105½ Aug 1	109¼ Aug 26	101 Jan 2	112 May 17
11,000	42,800	Union Electric (Un)	5	--	--	27¼	Sale	28⅝	29¼	27⅛ Aug 2	29¼ Aug 23	26¾ July 1	29¼ Aug 23
1,300	15,700	Union Oil of Calif	25	63	63⅜	73⅞	74¼	82¾	Sale	74⅞ Aug 6	82¾ Aug 30	60¼ Jan 25	88 Aug 30
3,200	77,900	Union Pacific RR (Un)	10	33½	Sale	39⅜	Sale	40⅛	Sale	39⅜ Aug 1	40⅜ Aug 6	33½ Jan 2	42 Jun 3
5,100	23,900	United Air Lines Inc	10	31⅞	32¼	39	Sale	39¾	40	38⅛ Aug 21	40¾ Aug 14	32⅛ Jan 7	43 Jun 21
4,400	36,300	United Fruit Co (Un)	*	21⅞	Sale	25⅛	Sale	25⅛	Sale	24¾ Aug 1	25⅜ Aug 26	21⅞ Jan 2	30 May 22
4,100	54,500	U S Gypsum	4	73½	74	85¾	Sale	88	Sale	85 Aug 1	88 Aug 30	73⅞ Jan 3	82¾ Aug 30
2,700	30,500	U S Rubber (Un)	5	40⅜	40¾	45	45⅜	49⅝	49⅞	45⅜ Aug 5	49⅝ Aug 27	40⅝ Jan 3	49⅝ Aug 27
40,800	369,000	U S Steel Corp	16⅔	44⅛	Sale	46¾	Sale	51⅝	Sale	46¼ Aug 2	52 Aug 29	43⅝ Jan 2	54 Apr 16
3,700	65,600	Universal Match Corp	2.50	13⅞	Sale	16	16⅜	17	Sale	15⅞ Aug 8	17¾ Aug 23	13½ Apr 4	20⅜ Jun 13
4,400	52,000	Universal Oil Products Co	1	38¼	38⅝	33⅝	34	37⅝	Sale	33¼ Aug 8	37⅝ Aug 30	28½ Apr 2	42⅜ Jan 9
4,400	42,800	Upjohn Co (Un)	1	33	Sale	41	Sale	44⅜	Sale	40¼ Aug 7	44⅜ Aug 29	33 Jan 2	44⅜ Aug 29
2,900	11,100	Walgreen Co	10	46½	47	45	Sale	48¼	48¾	45 Aug 1	49¾ Aug 2	42⅛ Jun 11	49¾ Aug 2
14,800	103,300	Webcor Inc	1	6⅝	Sale	5½	Sale	6¼	Sale	5⅛ Aug 19	6⅜ Aug 30	5⅛ Aug 19	7¾ Jan 7
5,700	31,700	Western Bancorp (Un)	2	32⅜	32¾	39¾	Sale	42¼	Sale	39¾ Aug 1	42½ Aug 8	32 Jan 17	42½ Aug 8
9,600	99,100	Western Union Teleg	2.50	26⅝	Sale	27⅜	Sale	30	Sale	27⅜ Aug 1	30⅝ Aug 28	25⅜ Jun 25	33 Apr 9
11,600	134,000	Westinghouse Electric	6.25	32	Sale	34¾	Sale	37⅛	Sale	r34⅛ Aug 1	37⅛ Aug 30	31⅞ Jan 3	38¾ Jun 5
3,000	42,600	Whirlpool Corp	5	35¾	36⅛	43⅝	Sale	48¾	Sale	43⅝ Aug 1	49⅞ Aug 29	36½ Jan 11	51 Jun 7
3,000	4,500	White Motor Co	1	--	--	28½	28⅞	32	32⅜	28¼ Aug 8	32 Aug 29	28¼ July 19	32 Aug 29
30	640	Wieboldt Stores $4.25 pfd	*	79	84⅞	--	80	--	80	75 Aug 23	75 Aug 23	75 Feb 25	81 Apr 4
400	7,900	Wilson & Co (Un)	*	38¼	Sale	38¼	38¾	38	38⅜	38¼ Aug 29	39¼ Aug 19	37⅝ July 26	44 Jun 14
1,400	13,200	Wisconsin Elec Pwr (Un)	10	--	--	29⅜	29⅝	30¼	Sale	29⅝ Aug 7	30½ Aug 26	28⅞ July 26	32 Jun 21
----	5,900	Wisconsin Public Service	10	44½	Sale	--	--	--	--	------	------	42¾ Jan 30	46¾ May 13
1,400	17,500	Woolworth (FW) Co (Un)	10	64⅜	Sale	67⅜	67⅞	71⅞	72¼	67½ Aug 2	72 Aug 29	63¼ Feb 13	75⅜ May 22
18,900	123,100	World Publishing Co	1	9	9¼	15½	Sale	16	Sale	12⅛ Aug 12	16½ Aug 16	9 Jan 9	16½ Aug 16
300	2,800	Wrigley (Wm) Jr	*	103½	105	99½	100½	97½	98	97½ Aug 29	102½ Aug 13	97½ Aug 29	106¼ Feb 5
900	4,000	Yates-Amer Machine	5	14	14½	15¾	16	17½	18	16 Aug 5	17½ Aug 27	13⅝ Jan 9	17½ Aug 27
2,300	18,600	Youngstown Sheet & Tube	*	85¼	Sale	103⅛	103⅞	119¼	Sale	106½ Aug 7	119⅞ Aug 29	85¼ Jan 2	119⅞ Aug 29
6,000	102,300	Zenith Radio Corp	1	54¾	Sale	61¾	Sale	64⅛	64⅝	60¾ Aug 1	65 Aug 26	51⅜ Mar 20	68 Jun 12
$	$	BONDS											
----	$2,200	Monroe Chemical 5s	1985	--	--	68	--	--	--	------	------	67 Jun 24	68 Mar 20

*No par value. ‡Corrected volume. a Deferred delivery sale r Cash sale. x Ex-dividend. (Un) Issue admitted to unlisted trading privileges. Ex-rights. s Ex-stock dividend.

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Philadelphia-Baltimore-Washington Stock Exchange

Monthly and Yearly Record

RANGE OF PRICES ON THE PHILADELPHIA-BALTIMORE-WASHINGTON STOCK EXCHANGE

Stock Sales—	1963	1962	Bond Sales—	1963	1962
August (Shares)	1,069,033	955,280	August	------	------
Jan. 1 to Aug. 31 (Shares)	------	9,495,149	Jan. 1 to Aug. 31	$7,000	$248,400

Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	Phila.-Balt.-Wash. Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
		LISTED ISSUES											
1,968	26,291	Acme Markets Inc	1	71¼	Sale	71⅞	Sale	72¾	Sale	70¾ Aug 9	73½ Aug 20	68 Feb 28	80¼ Jan 15
191	4,215	Alan Wood Steel com	10	12½	12⅞	18	18½	19½	19¾	17⅞ Aug 2	19⅝ Aug 27	12⅞ Feb 5	21⅝ Jun 20
----	320	5% preferred	100	62½	64½	76	76¾	76	77¾	-- ------	-- ------	69½ Apr 10	75 Apr 17
34,436	259,199	American Tel & Tel	33⅓	115¾	Sale	119⅞	Sale	123⅜	Sale	119⅝ Aug 5	125⅛ Aug 19	114½ Jan 2	126¼ Apr 19
2,230	16,019	Arundel Corp	*	24½	25	26¼	26¾	26½	Sale	26⅛ Aug 21	26¾ Aug 7	24⅝ Jan 7	28⅛ Feb 11
3,095	27,333	Atlantic City Electric	4.33	43	44	45¼	Sale	47⅝	Sale	44¾ Aug 2	48⅛ Aug 19	43⅛ Jun 11	48¼ Jan 26
914	17,851	Atlantic Research Corp	1	13⅛	Sale	10½	Sale	12¼	Sale	10½ Aug 1	12½ Aug 29	9 May 14	14½ Jan 31
1,033	11,152	Baldwin-Lima-Hamilton	13	13	Sale	12⅛	Sale	11⅞	12⅛	11⅝ Aug 13	12¼ Aug 19	11⅝ Aug 13	14¼ Jan 8
2,339	39,090	Baltimore Transit Co	1	8	8⅛	10⅛	Sale	10½	11	9⅞ Aug 1	10½ Aug 1	8⅛ Jan 3	11 May 21
1,817	26,061	Budd Co	5	11⅝	11⅞	13⅞	Sale	14⅝	Sale	13⅝ Aug 2	14⅞ Aug 29	12¼ Jan 3	16 Jun 25
921	9,771	Campbell Soup Co	1.80	94⅜	94⅝	98	Sale	100	Sale	98 Aug 1	100¾ Aug 12	92¼ Apr 17	107 Jan 28
308	388	Central Charge Service	1	--	--	8¼	8⅜	9	9¼	8 Aug 13	9¼ Aug 23	8 Aug 13	9¼ Aug 23
200	1,928	Central RR of New Jersey	50	22	23½	19	20½	19	20	19 Aug 8	19 Aug 8	19 Aug 8	24½ Jan 17
24,371	97,766	Chrysler Corp new	12.50	--	--	57	Sale	72½	Sale	55¾ Aug 1	72¾ Aug 30	51½ Apr 29	72¾ Aug 30
2,505	17,727	Curtis Publishing	1	6	6¼	6⅝	Sale	6	6¼	5⅝ Aug 20	6¾ Aug 9	5⅝ Aug 20	8¼ Feb 18
		D C Transit System—											
40	573	Class A common	20c	11	11¼	10¾	11	10⅞	11⅛	10⅞ Aug 5	10⅞ Aug 5	10⅝ Mar 20	11⅛ Jun 4
1,544	10,604	Delaware Pwr & Light	6.75	47¼	Sale	52½	Sale	55⅜	Sale	51¾ Aug 8	56¼ Aug 28	46¼ Jan 3	56¼ Aug 28
6,041	46,136	Duquesne Light Co	5	30⅞	Sale	32⅝	Sale	32¾	Sale	32⅜ Aug 1	34½ Aug 19	30 Apr 1	34½ Aug 19
1,357	6,968	Electric Storage Battery	10	50¼	Sale	53⅜	53⅝	55½	Sale	53½ Aug 2	58 Aug 7	50¼ Jan 2	58 Aug 7
----	2,428	Eltra Corp	25c	--	--	--	--	--	--	-- ------	-- ------	23⅞ Jan 14	26½ Feb 15
		Finance Co of America—											
100	1,251	Class A	5	--	--	--	--	24¾	Sale	24¾ Aug 30	24¾ Aug 30	24½ Jun 10	25½ Jan 21
		Firemans Insurance Co of											
----	----	Washington (D C)	20	29½	--	29½	--	29½	--	-- ------	-- ------	-- ------	-- ------
2,980	26,986	Food Fair Stores	1	21⅛	Sale	--	--	23¼	Sale	21⅝ Aug 7	23¼ Aug 29	21⅛ Jan 2	25½ Feb 8
13,275	158,633	Ford Motor Co	2.50	46¼	Sale	50⅜	Sale	54¼	Sale	49¾ Aug 2	54¼ Aug 26	41¾ Feb 28	56½ Jun 7
1,482	23,152	Foremost Dairies Inc	2	8½	Sale	9¾	Sale	10½	Sale	9¾ Aug 1	10½ Aug 28	8½ Jan 2	11¼ May 20
50	1,472	Garfinkel (Julius)	50c	39¾	--	36	37¼	36½	37½	36 Aug 26	36 Aug 26	35½ July 26	41⅜ Jan 29
878	14,964	General Acceptance Corp	1	--	--	19⅜	Sale	19⅞	Sale	17¾ Aug 21	20 Aug 29	17¾ Aug 21	22⅛ Apr 4
---	350	60c conv voting pfd	*	--	--	--	--	--	--	-- ------	-- ------	12¼ Jan 8	12½ Apr 5
168	1,940	$1 preferred	*	16¼	17¼	18	18¾	18¼	19	17¾ Aug 21	18½ Aug 23	16 Feb 5	18½ Apr 26
40,159	323,513	General Motors Corp	1.66⅔	58⅛	Sale	71	Sale	75	Sale	70½ Aug 1	75¾ Aug 26	57⅝ Jan 2	75¾ Aug 26
189	1,521	Giant Food class A	1	12⅜	13	11	11¼	11⅜	11⅝	10⅞ Aug 6	11⅛ Aug 13	10⅜ Apr 11	14¾ Feb 4
----	200	Gimbel Bros	5	33¼	33½	--	--	--	--	-- ------	-- ------	38 Apr 1	38 Apr 1
----	2,420	Homasote Co	1	9	10½	10	10½	10	11¼	-- ------	-- ------	8⅜ May 7	10⅞ Jun 11
		Hudson Pulp & Paper—											
800	850	5% series A preferred	25	21	--	22	23	22	23	22½ Aug 5	22½ Aug 5	22½ Jun 16	22½ Jun 18
----	----	5.12% series B pfd	25	22	--	22½	24	22½	23	-- ------	-- ------	-- ------	-- ------
60	334	$1.41 conv 2nd pfd	24.50	22	--	25½	26¼	24¾	25½	25¾ Aug 9	26 Aug 9	25¾ Aug 9	29 Jan 29
1,302	20,676	International Resistance	10c	26	27	22	Sale	23¼	Sale	21⅝ Aug 13	23⅝ Aug 23	20⅛ Apr 19	29 Feb 7
10	190	Lanston Industries	5	--	--	2¾	2½	2⅜	2⅝	2⅛ Aug 22	2⅛ Aug 22	2⅛ Aug 22	3 May 1
31	1,368	Lehigh Coal Navigation	1	--	--	--	--	7½	7¾	7⅜ Aug 6	7⅞ Aug 6	6⅞ May 28	7⅞ Aug 6
60	9,402	Macke Vending Corp cl A	1	23	23½	21⅛	21⅜	21⅞	22¼	21⅞ Aug 20	22 Aug 2	21⅞ Feb 1	24⅛ Jan 4
5,091	29,939	Madison Fund Inc	1	22⅞	Sale	21	Sale	21	Sale	20⅜ Aug 2	21¼ Aug 19	19¾ Jun 25	24 Jan 14
15,041	99,117	Martin-Marietta Corp	1	21½	Sale	18½	Sale	19⅝	Sale	18 Aug 9	19⅞ Aug 22	17⅞ July 26	22¾ Jan 4
980	9,354	Merck & Co Inc	16⅔c	77¾	Sale	94⅝	Sale	106¾	Sale	94½ Aug 2	107 Aug 30	77¾ Jan 2	107 Aug 30
----	----	Natl Bank of Washington	10	58	60	57	61	57	--	-- ------	-- ------	-- ------	-- ------
		National Mtge & Invest—											
----	----	Common	1	52	--	70	--	70	--	-- ------	-- ------	-- ------	-- ------
----	----	5% non-cum preferred	7	7	--	7½	--	7½	--	-- ------	-- ------	-- ------	-- ------
----	75	Oxford Mfg class A	1	--	--	--	--	--	--	-- ------	-- ------	37¼ Feb 8	37½ Feb 8
3,693	17,363	Pennsalt Chemicals Corp	3	34⅜	34⅝	40½	Sale	44¼	Sale	40½ Aug 1	44¼ Aug 30	30⅝ Jun 13	44¼ Aug 30
2,888	22,843	Pennsylvania Gas & Water	*	35½	Sale	45¾	46⅜	48⅝	49⅜	46¼ Aug 5	49¾ Aug 19	32⅝ Jan 4	49¾ Aug 19
6,196	65,127	Pennsylvania Pwr & Lt	*	32⅞	Sale	34¾	Sale	35½	Sale	34⅛ Aug 1	35⅝ Aug 27	32½ Apr 3	36⅛ May 16
27,223	191,390	Pennsylvania RR	10	13⅜	Sale	18⅜	Sale	21⅞	Sale	17⅞ Aug 2	21⅞ Aug 30	12¼ Jan 2	21⅞ Aug 30
324	5,726	Peoples Drug Stores Inc	5	35⅝	Sale	41¼	41½	41¼	Sale	41¼ Aug 30	42 Aug 6	35⅝ Jan 2	43½ July 10
		Pepsi-Cola Bottling Co											
134	7,754	of Long Island	25c	9⅝	Sale	9¼	9½	9¾	10	9¾ Aug 7	9¾ Aug 7	8⅛ Mar 11	9¾ Jan 2
800	4,990	Perfect Photo Inc	*	--	--	4⅜	Sale	--	--	4⅛ Aug 9	5⅜ Aug 26	4⅛ Aug 9	7⅛ Jan 21
17,670	206,906	Philadelphia Electric	*	29½	Sale	35⅜	Sale	35⅞	Sale	35 Aug 1	36½ Aug 26	29⅜ Jan 2	36½ Aug 26
17,901	178,320	Phila Transportation	10	6¼	Sale	9⅛	Sale	10¼	Sale	9 Aug 1	10¼ Aug 30	5¾ Jan 15	10¼ Aug 30
		Potomac Electric Power—											
14,290	72,976	Common	10	--	--	20⅜	Sale	22¼	Sale	20¼ Aug 1	22½ Aug 22	20 July 17	24 Apr 18
----	10	$2.44 preferred	50	51	52	51½	--	51	--	-- ------	-- ------	51¼ Jun 18	51¼ Jun 18
----	10	$2.46 preferred	50	51½	--	52¼	--	51	--	-- ------	-- ------	52¼ Jun 18	52¼ Jun 18
416	818	Progress Mfg Co	1	--	--	--	--	--	--	14⅞ Aug 8	15 Aug 8	11⅞ Feb 21	15½ May 17
1,430	19,622	Public Service Elec & Gas	*	68⅝	Sale	74⅞	Sale	76¾	Sale	74¼ Aug 1	79¾ Aug 13	68⅝ Jan 2	79¾ Aug 13
241	4,007	Reading Co	50	--	--	9½	Sale	11¼	11½	9½ Aug 1	11 Aug 28	7⅝ Feb 4	12¾ Jun 25
5	189	Riggs National Bank	25	162	166	183	Sale	184	--	183 Aug 1	183 Aug 1	169 Jan 8	186 Jun 26
2,150	14,397	Ritter Finance class B	1	--	--	--	--	--	--	4⅞ Aug 26	5⅜ Aug 6	4⅞ Apr 17	5¾ Jan 29
14,559	105,773	Scott Paper	*	32½	Sale	33⅝	Sale	38¼	Sale	31⅛ Aug 2	38¼ Aug 30	30⅞ Mar 19	38¼ Aug 30
		Smith Kline &											
8,956	24,182	French Laboratories	*	63⅞	Sale	--	--	66¼	Sale	63½ Aug 6	69⅜ Aug 20	60¾ Mar 20	69⅜ Aug 20
1,119	12,600	South Jersey Gas Co	2.50	33⅛	Sale	39¾	Sale	40¾	Sale	39⅜ Aug 2	41½ Aug 23	33⅛ Jan 2	41⅝ Jun 3
40	1,659	Southeastern Pub Serv	10c	--	--	--	--	--	--	21⅞ Aug 6	21⅞ Aug 6	21⅞ Aug 6	26 Apr 29
2,384	25,026	Sun Oil Co	*	43⅞	Sale	50¾	Sale	51¼	Sale	50 Aug 2	52¼ Aug 7	43⅜ Jan 4	52¼ Aug 7
6,843	57,058	Texas Eastern Transmn	3.50	16½	Sale	18⅜	Sale	19⅛	Sale	18 Aug 9	19¼ Aug 30	16½ Jan 2	19¼ Aug 30
		Thompson Ramo-											
1,268	6,765	Wooldridge	5	--	--	53¼	Sale	--	--	51⅛ Aug 27	54 Aug 5	50⅜ Mar 20	60 May 8
340	11,592	United Corp	1	8	Sale	8⅛	8⅜	8⅝	8⅞	8⅜ Aug 13	8⅝ Aug 16	8 Jan 2	9 May 31
2,071	24,330	United Gas Improvem't	4.50	21½	Sale	24¼	24½	25⅜	Sale	24⅛ Aug 5	25¾ Aug 26	21⅛ Jan 2	27½ May 22
213	1,526	Universal Marion Corp	*	8¾	8⅞	9¼	Sale	9	9⅛	8⅞ Aug 21	9¼ Aug 1	8¾ Feb 5	9¼ Aug 1
1,226	12,045	Warner Co	10	--	--	--	--	29	Sale	28 Aug 6	30¼ Aug 16	25⅜ Mar 11	31⅛ July 10
2,391	27,471	Washington Gas Light com	*	36¼	Sale	37¾	Sale	38¼	Sale	37⅜ Aug 28	38⅞ Aug 20	33⅜ Mar 5	40⅝ May 29
155	234	$4.25 preferred	*	87½	--	88¼	--	88¼	92	87 Aug 16	88½ Aug 16	87 Aug 16	90 May 21
----	10	$4.60 conv preferred	*	123	--	140	--	140	--	-- ------	-- ------	143¾ July 26	143¾ July 26
----	21	$5 preferred	*	102½	--	103½	--	--	--	-- ------	-- ------	102 Jun 18	104 Jun 18
172	365	White Motor Co	1	--	--	--	--	32⅛	Sale	28¾ Aug 6	32⅛ Aug 30	28¾ Aug 6	32⅛ Aug 30
		Woodward & Lothrop—											
300	1,568	Common	1.25	30	31	32½	Sale	32	33½	32½ Aug 1	33 Aug 16	29½ Mar 4	33 Aug 16
----	----	5% preferred	100	96¾	--	100	--	95¾	--	-- ------	-- ------	-- ------	-- ------
		BONDS											
$	$	Baltimore Transit Co—											
----	2,000	1st deb inc 4s ser A	1975	96¼	--	97¼	99	97½	--	-- ------	-- ------	98¼ Jun 14	98¼ Jun 14
----	2,000	Cum inc deb 5s ser A	1975	96¾	--	97¼	--	98	--	-- ------	-- ------	98⅝ May 13	98⅝ May 13
----	3,000	6⅔% inc subord debs	1977	88	--	97	--	97¼	--	-- ------	-- ------	98 May 13	98 May 13

*No par value. a Deferred delivery sale. r Cash sale. x Ex-dividend. y Ex-rights.

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Detroit Stock Exchange

Monthly and Yearly Record

RANGE OF PRICES ON THE DETROIT STOCK EXCHANGE

Stock Sales—	1963	1962	Stock Sales—	1963	1962
August (Shares)	254,509	151,344	Jan. 1 to Aug. 31 (Shares)	2,032,947	1,687,287

Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	Detroit Stock Exchange STOCKS LISTED ISSUES	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
2,366	43,298	Allen Elec & Equipment	1	6½	7	11½	12	11¼	11⅝	11⅝ Aug 2	12½ Aug 5	6⅜ Jan 21	12¾ July 29
1,570	15,132	Allied Supermarkets	1	11½	12½	12	13	12½	13½	12¾ Aug 16	13 Aug 28	12⅜ July 1	13¾ Jan 11
3,547	15,587	Amer Metal Products Co	2	14	15	18½	19½	18½	19½	18⅝ Aug 23	19¼ Aug 6	15½ Jan 4	19⅞ May 24
13,492	21,436	Associated Brewing Co	5	2⅝	—	3⅜	3¾	4½	Sale	3⅝ Aug 4	4½ Aug 30	2⅝ Jan 3	4½ Aug 30
2,224	9,300	Avis Industrial Corp	5	—	—	20	Sale	—	—	19 Aug 16	21 Aug 23	12 Jan 10	21½ May 17
—	—	Bethlehem Corp	*	—	—	—	2⅝	—	2⅜	— —	— —	— —	— —
—	400	Bohn Aluminum & Brass	5	—	—	—	—	—	—	— —	— —	34¼ May 1	34¼ May 1
—	10,813	Borman Food Stores	1	10½	11½	12½	13½	12½	13½	— —	— —	10⅝ Mar 1	14 May 8
1,825	10,357	Briggs Mfg Co	*	4½	5½	5½	Sale	5¾	Sale	5½ Aug 1	5⅞ Aug 12	4¾ Apr 5	6¼ May 31
1,270	26,733	Brown-McLaren Mfg Co	1	92c	98c	94c	1⅛	1	1⅛	1 Aug 29	1⅜ Aug 2	65c Jan 25	1⅜ Aug 2
560	9,478	Budd Company (The)	5	11	12	13½	14½	14½	15½	13⅞ Aug 9	15 Aug 29	12¾ Mar 18	15⅞ Jun 25
459	2,657	Buell Industries	1	—	8	—	6	—	6	4⅛ Aug 26	4⅛ Aug 26	4⅛ July 10	5½ Feb 25
8,149	65,200	Burroughs Corp	5	27½	28½	26¼	Sale	27⅝	Sale	26 Aug 2	28¾ Aug 12	26 Aug 2	34 Feb 18
8,866	35,168	Rights	—	—	—	¼	Sale	—	—	3/32 Aug 1	3/32 Aug 5	3/32 Aug 1	⅜ July 19
24,658	85,608	Chrysler Corp	12.50	—	—	57⅞	Sale	72¼	Sale	56¼ Aug 1	72¼ Aug 30	52⅜ May 10	72¼ Aug 30
7,225	72,840	Consolidated Paper	10	10¼	10½	10¼	Sale	10⅛	10½	10 Aug 5	10⅜ Aug 13	9⅝ July 24	13 Jan 28
3,350	26,372	Consumers Power Co com	*	—	—	46¼	Sale	—	—	46¼ Aug 1	49⅞ Aug 27	41 Mar 4	49⅞ Aug 27
31	120	$4.50 preferred	*	—	—	—	—	—	—	101⅜ Aug 5	101⅜ Aug 5	100½ Apr 11	101½ Jun 21
—	—	$4.16 preferred	*	—	—	—	—	—	—	— —	— —	— —	— —
—	8,700	Continental Motors	1	10⅞	11½	11¾	12½	11¾	12½	— —	— —	11 Jan 7	13½ Jun 5
—	1,210	Copeland Refrigeration	1	—	—	—	—	—	—	— —	— —	23½ Apr 11	26½ Jan 14
—	615	Cox Instruments Corp	1	—	—	—	—	—	—	— —	— —	6½ Jan 8	8 Jan 11
—	100	Crowley Milner & Co	1	—	—	—	—	—	—	— —	— —	6⅞ Jan 22	6⅞ Jan 22
—	470	Cunningham Drug Stor's	2½	—	—	—	—	—	—	— —	— —	21¾ Jan 16	21¾ Jan 16
207	1,425	D W G Cigar Corp	5	—	—	—	—	—	—	22 Aug 20	22 Aug 20	17½ Apr 19	22 Aug 20
—	192	Davidson Brothers Inc	1	4	—	4	—	—	—	— —	— —	4⅞ Feb 8	4⅞ Feb 8
20,645	205,800	Detroit Edison Co	10	31⅝	Sale	32⅛	Sale	34½	Sale	32⅛ Aug 1	34⅝ Aug 30	31⅝ Jan 2	34¾ Jan 31
—	9,252	Detroit Gasket & Mfg	1	—	9⅛	13⅞	—	—	—	— —	— —	9⅛ Jan 10	15¾ Jun 7
132	796	Detroit Industrial Prod	1	4⅜	—	4⅜	—	—	—	4½ Aug 9	4½ Aug 9	4½ Aug 9	6 Apr 26
1,634	22,262	Detroit Steel Corp	1	10½	11½	12	13	13	14	13⅛ Aug 22	14⅛ Aug 23	11½ Jan 8	14⅛ Apr 17
—	—	Dielectric Products Engr	1	—	3¼	—	4¾	—	—	— —	— —	— —	— —
—	1,542	Divco-Wayne Corp	1	—	—	—	—	—	—	— —	— —	19⅛ Jan 3	26⅜ Jun 19
555	967	Drewry's Ltd U S A Inc	1	—	—	—	—	—	—	18¾ Aug 20	20 Aug 2	18¾ Aug 20	24 Jan 8
632	5,884	Eaton Mfg Co	2	—	—	—	—	—	—	34¾ Aug 5	36⅞ Aug 29	34¾ Aug 5	37⅛ Jun 3
712	4,208	Economy Baler Company	1	4	5¼	4⅝	5	—	—	4⅞ Aug 27	5 Aug 29	4½ Jan 29	5⅛ Jan 11
—	8,635	Ex-Cell-O Corp	3	—	—	—	—	—	—	— —	— —	38¾ May 7	45⅞ Feb 6
1,437	14,844	Fed Mogul Bower Bearings	5	—	40	—	—	—	—	45¼ Aug 29	45⅞ Aug 9	38 Mar 12	47⅜ Jun 6
—	—	Fenestra Incorporated	10	—	—	—	—	—	—	— —	— —	— —	— —
12,593	163,247	Ford Motor Co	2.50	45	46	50	Sale	53	54	50 Aug 1	54 Aug 26	42 Feb 28	56⅜ Jun 7
5,571	75,048	Fruehauf Trailer	1	24½	25½	27½	28½	30½	Sale	28⅜ Aug 6	31⅛ Aug 23	25½ Jan 3	33⅜ Jun 7
393	55,559	Gar Wood Industries	1	2¾	3½	3¾	5	4	6	4½ Aug 28	4⅞ Aug 27	3⅜ Jan 9	6½ Mar 28
29,332	334,623	General Motors Corp	1.66⅔	58	Sale	71	Sale	74½	75½	70⅞ Aug 1	75 Aug 29	57⅞ Jan 2	75 Aug 29
12,514	149,957	Goebel Brewing	1	45c	Sale	75c	Sale	65c	Sale	65c Aug 30	80c Aug 8	45c Jan 2	1⅛ Jan 22
150	2,826	Great Lakes Bowling	1	—	—	—	—	—	—	4¾ Aug 2	4¾ Aug 2	4¾ Aug 2	5¼ Jun 20
911	5,961	Gt Lakes Chemical Corp	1	2	3	1¾	2⅝	—	—	2⅛ Aug 19	2¼ Aug 5	2⅛ Jan 4	3¼ Jan 10
—	2,373	Hall Lamp Co	5	3½	5½	—	4¾	—	4¾	— —	— —	4¼ Jan 17	5¾ Feb 13
—	2,436	Hastings Mfg Co	2	—	9	—	9	—	9	— —	— —	7 Jun 12	7⅞ Jan 25
210	210	Higbie Mfg Co	1	—	—	—	—	—	—	17½ Aug 19	18 Aug 2	17½ Aug 19	18 Aug 2
510	2,055	Hoskins Mfg Co	2.50	—	—	—	—	—	—	33½ Aug 22	34 Aug 6	29¼ Jan 22	34 Aug 6
523	3,809	Houdaille Industries Inc	3	—	—	—	—	27½	Sale	26¾ Aug 28	27½ Aug 30	20 Jan 18	27½ Aug 30
200	200	Hughes & Hatcher Inc	1	—	—	—	—	—	—	13¾ Aug 13	13¾ Aug 13	13¾ Aug 13	13¾ Aug 13
—	450	International Breweries	1	—	—	3	—	—	—	— —	— —	4⅜ Feb 11	4⅜ Apr 7
—	1,238	King-Seeley Thermos Co	1	—	—	—	—	—	—	— —	— —	36 Feb 1	44⅛ July 17
—	2,572	Kingston Products Corp	1	—	3½	—	—	—	—	— —	— —	3¼ Jan 11	4⅝ Apr 17
8,056	56,167	Kresge (S S) Co	10	21⅝	Sale	22⅞	Sale	22½	Sale	22¼ Aug 28	23¼ Aug 14	21⅝ Jan 2	24⅞ Jan 16
3,435	43,621	Kysor Industrial Corp	1	7¾	8¼	8½	9½	9½	9⅞	8¾ Aug 6	9⅞ Aug 19	8 Mar 22	11 Jun 26
9,509	9,709	Lakey Foundry Co	1	1½	2	—	—	1⅛	Sale	1 Aug 28	1¾ Aug 15	1 Aug 28	2¼ Feb 28
1,210	12,510	Lansing Stamping Co	1	3⅛	3¼	3⅛	Sale	2⅞	3	2⅞ Aug 13	3⅛ Aug 1	2½ Apr 5	3½ Jan 30
—	965	LaSalle Wines & Champ	2	1⅞	2⅛	2	2½	2	2½	— —	— —	2 July 16	2½ Feb 14
—	5,673	Leonard Refineries Inc	3	—	10⅜	10½	12	10½	11	— —	— —	10 Jan 18	11¼ May 22
151	151	Lynch Corp	2	—	—	—	—	—	—	9⅞ Aug 6	9⅞ Aug 6	9⅞ Aug 6	9⅞ Aug 6
—	300	Macoid Industries Inc	*	2½	4	2	4	2	4	— —	— —	3½ May 9	3⅝ May 13
250	4,765	Madison Square Garden	1	1⅝	3	1½	2	1½	2	2 Aug 7	2 Aug 7	1½ July 10	2⅛ Jan 16
—	410	Masco Corp	1	—	30	—	—	—	—	— —	— —	17½ July 26	17½ July 26
383	1,955	Michigan Chemical Corp	1	—	—	11⅛	—	12	—	12¾ Aug 22	12¾ Aug 22	11⅛ Jan 29	13 Feb 19
150	12,375	Michigan Sugar common	*	2	4	—	—	—	—	5½ Aug 7	5½ Aug 7	2⅞ Jan 29	10⅛ May 22
—	611	6% preferred	10	—	—	—	12	—	—	— —	— —	12 Jan 10	14¾ May 22
684	792	Micromatic Hone Corp	1	—	12	—	—	—	—	11⅛ Aug 6	11¾ Aug 21	9⅞ July 26	11¾ Aug 21
190	190	Mid-West Abrasive Co	50c	—	—	—	—	—	—	13⅜ Aug 9	13⅜ Aug 9	13⅜ Aug 9	13⅜ Aug 9
429	1,047	Motor Wheel Corp	5	16½	17½	20½	21½	—	—	22½ Aug 22	23¾ Aug 27	21 Jun 18	23¾ Aug 27
—	1,656	Mt Clemens Indus com	1	—	—	—	—	—	—	— —	— —	6⅛ Apr 4	6⅛ Apr 4
—	681	6% preferred	4	6	—	3¾	4	3¾	4	— —	— —	3⅞ Feb 1	3⅞ Feb 1
—	—	Murray Corp	10	30	31	—	—	38½	39½	— —	— —	— —	— —
—	1,550	Natl Brewing Co (Mich)	1	—	—	—	—	—	—	— —	— —	4 Feb 12	4⅛ Jan 10
—	1,953	Nat'l Elec Welding Mach	1	—	—	—	—	—	—	— —	— —	9½ Jan 25	12½ Jun 26
—	—	Nautec Corp	5	—	—	—	—	—	—	— —	— —	— —	— —
41,685	115,543	Parke Davis & Co	*	24¾	Sale	26	27	32⅝	Sale	25¾ Aug 5	34 Aug 12	24⅝ Mar 21	34 Aug 12
—	—	Parker Rust-Proof Co	2.50	—	—	—	—	—	—	— —	— —	— —	— —
—	—	Peninsular Metal Products	1	—	—	—	—	—	—	— —	— —	— —	— —
—	5,160	Prophet (The) Co	1	—	—	20½	26	20½	—	— —	— —	22¾ July 1	24⅝ Feb 27
4,394	40,549	Rickel (H W) & Co	2	2⅛	2⅜	2½	2⅞	2⅝	2⅞	2½ Aug 26	2¾ Aug 28	2 Jan 17	3 July 1
1,188	11,218	Rockwell Standard Corp	5	34	35	42⅜	Sale	42	44	42⅜ Aug 1	43¼ Aug 14	34⅞ Jan 4	43¼ Aug 14
9,617	38,837	Rudy Mfg Company	1	18	Sale	20¾	Sale	24⅞	Sale	20⅝ Aug 1	25¼ Aug 26	17 Mar 25	25¼ Aug 26
812	23,548	Scotten Dillon Co	10	23⅜	Sale	25⅝	27	26	Sale	25¾ Aug 5	26⅞ Aug 13	23⅜ Jan 2	27⅞ May 24
—	1,246	Sheller Mfg Co	1	19	20	—	—	—	25	— —	— —	20¾ Jan 23	25 May 24
—	1,072	Soss Mfg Co	1	—	—	—	—	—	—	— —	— —	15⅝ May 24	17½ Jun 13
426	1,634	Standard Tube class B	1	—	—	—	—	—	6	4⅞ Aug 5	5⅜ Aug 9	4⅛ May 2	5⅜ Aug 9
2,283	29,348	Studebaker Corp	10	6	6¼	6¼	7	7	8	6⅜ Aug 12	7¼ Aug 26	5⅞ May 22	8 Feb 14
—	—	Superior Tool & Die Co	1	—	—	—	—	—	—	— —	— —	— —	— —
495	11,605	Udylite Corp	1	14⅞	18	19⅞	24	—	24	19⅞ Aug 2	19⅞ Aug 2	19½ July 19	23 Apr 18
—	343	Union Investment Co	4	—	—	—	—	13	—	— —	— —	12½ Apr 5	13 July 26
100	965	United Shirt Distributors	1	1	3	2⅛	3½	1	3⅜	2⅛ Aug 20	2⅛ Aug 20	2 Jan 16	3 May 14
—	2,035	Universal Controls Inc	25c	4¼	—	4¼	—	4¾	—	— —	— —	4½ Apr 25	5¼ Jan 8
354	3,308	Upjohn (The) Co	1	—	—	—	—	—	—	41⅞ Aug 14	41⅞ Aug 14	33½ Jan 3	41⅞ Aug 14
—	6,261	Vinco Corp	1	2½	5	—	—	—	—	— —	— —	75c Feb 19	3 Jan 11
—	405	Woodall Industries	2	—	—	—	—	—	—	— —	— —	19¼ Jun 28	19¼ Jun 28
300	850	Young (L A) Spg & Wire	*	—	—	—	—	—	—	30 Aug 9	30 Aug 9	30 Aug 9	34 May 22

*No par. a Deferred delivery sale. r Cash sale. x Ex-dividend. y Ex-rights.

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Pacific Coast Stock Exchange

Monthly and Yearly Record

RANGE OF PRICES ON THE PACIFIC COAST STOCK EXCHANGE

Stock Sales—	1963	1962	Bond Sales—	1963	1962
August (Shares)	4,450,235	3,853,051	August	------	------
Jan. 1 to July 31 (Shares)	33,406,630	35,768,310	Jan. 1 to Aug. 31	------	$5,000

Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	Pacific Coast Stock Exchange Stocks	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
195	11,540	ACF Industries (Un)	25	--	--	--	--	--	--	-- ------	-- ------	76 Jan 8	95¾ May 23
3,856	15,941	Abbott Laboratories	5	--	--	106⅞	Sale	119	Sale	106¾ Aug 6	119 Aug 22	74 Jan 14	119 Aug 22
11,517	37,647	Admiral Corp	1	--	--	--	--	23	Sale	17⅝ Aug 6	23⅛ Aug 29	12 Jan 3	23⅛ Aug 29
1,801	11,629	Air Reduction (Un)	*	--	--	--	--	--	--	53 Aug 14	55⅛ Aug 27	53 Aug 14	61 Apr 22
1,649	19,220	A J Industries	2	--	--	--	--	--	--	3½ Aug 14	3¾ Aug 9	3⅜ May 6	4 Jan 10
10	709	Alaska Airlines	1	--	--	--	--	--	--	a-- ------	a-- ------	4⅝ Mar 7	5⅜ Feb 18
1,101	11,412	Alleghany Corp (Un)	1	--	--	--	--	--	--	9⅞ Aug 2	10¼ Aug 15	9¾ Apr 4	12⅜ Jan 11
300	6,807	Warrants (Un)	--	--	--	--	--	--	--	7 Aug 6	7 Aug 6	7 Mar 25	9⅝ Jan 11
754	14,897	Allied Artists Pictures Corp	1	--	--	--	--	--	--	2⅝ Aug 14	2¾ Aug 6	2⅜ May 21	3⅞ Jun 12
5,928	79,934	Allied Chemical Corp (Un)	9	--	--	--	--	50	Sale	49¾ Aug 14	51⅜ Aug 28	43 Mar 1	51⅝ May 9
222	1,811	Allied Supermarkets (Un)	1	--	--	--	--	12⅞	Sale	12⅞ Aug 30	12⅞ Aug 30	12½ Mar 28	13¼ Apr 15
6,550	53,796	Allis-Chalmers Mfg (Un)	10	14¾	Sale	16¾	Sale	17⅝	Sale	16⅝ Aug 2	18 Aug 28	14⅝ Jan 2	20¼ Jun 3
3,563	58,663	Aluminium Ltd	*	20½	Sale	24⅜	Sale	--	--	23½ Aug 9	25¼ Aug 15	20½ Jan 2	27¾ May 9
4,039	38,107	Aluminum Co of Amer (Un)	1	--	--	63¼	Sale	63½	Sale	62¼ Aug 5	64⅞ Aug 15	51⅞ Mar 21	68½ July 11
1,170	11,450	Ambassador Oil Corp	1	5½	5¾	5½	5¾	5⅜	5¾	5⅛ Aug 15	5½ Aug 26	5⅛ Aug 15	6⅜ Feb 15
8,825	11,541	‖Amerada Petrol (Un)	*	--	--	68½	Sale	--	--	68½ Aug 1	80¼ Aug 13	64¼ July 23	80¼ Aug 13
11,162	179,701	Amer Airlines Inc (Un)	1	18⅛	Sale	27	Sale	29⅜	Sale	26¾ Aug 2	29⅜ Aug 30	18 Jan 3	29⅜ Aug 30
1,951	15,408	Amer Bosch Arma (Un)	2	13⅞	Sale	--	--	--	--	14½ Aug 22	16 Aug 28	13⅞ Jan 2	16¾ Apr 23
7,193	28,281	Amer Broadcstg-Paramount Theatres (Un)	1	33	Sale	28⅞	Sale	33½	Sale	28⅞ Aug 1	34⅛ Aug 27	28 Jun 19	37⅛ Jan 24
4,324	34,623	Amer Can Co (Un)	12½	--	--	44⅞	Sale	--	--	44⅞ Aug 1	46½ Aug 26	43¾ Apr 23	47⅜ Jan 2
5,647	59,585	American Cement Corp	5	--	--	11½	Sale	11	Sale	11 Aug 21	11⅝ Aug 7	10½ Mar 28	12¼ Jun 21
1,275	8,184	$1.50 preferred	25	23½	24½	25	25¾	26	Sale	25⅛ Aug 7	26 Aug 30	25 Jan 7	26¼ Apr 22
5,639	63,090	American Cyanamid (Un)	10	--	--	57⅝	Sale	61½	Sale	56⅝ Aug 12	61½ Aug 30	48⅞ Jan 3	61½ Aug 30
1,275	20,668	American Electronics Corp	1	3⅛	3⅜	3¾	4	--	--	3½ Aug 5	3¾ Aug 6	3 Mar 18	5⅛ May 27
291	5,901	American & Foreign Power Co Inc (Un)	*	--	--	--	--	11⅜	Sale	11⅜ Aug 30	11½ Aug 14	9⅜ Jan 3	13⅛ May 27
100	2,000	Americ'n-Int'l Alum Corp	25c	--	--	--	--	--	--	3⅛ Aug 22	3⅛ Aug 22	2 Feb 7	3⅛ Aug 22
9,053	88,774	Amer Machine & Fry	1.75	20⅝	Sale	18⅝	Sale	19⅜	Sale	18½ Aug 1	19½ Aug 26	18½ Aug 1	24⅛ Jan 31
4,755	23,330	American M A R C Inc	50c	--	--	2⅜	Sale	2½	Sale	2¼ Aug 23	2½ Aug 16	2¼ Aug 23	3⅜ Jan 28
21,869	411,159	Amer Motors (Un)	1.66⅔	16⅛	Sale	18	Sale	18	Sale	17½ Aug 8	18¼ Aug 16	16⅛ Jan 2	23 Feb 14
1,985	18,096	American Pot & Chem	*	--	--	--	--	--	--	29½ Aug 21	32⅛ Aug 26	27¼ Mar 25	32⅛ Aug 26
8,690	68,402	Amer Radiator & Standard Sanitary (Un)	5	12⅞	Sale	--	--	17⅝	Sale	16⅞ Aug 2	18 Aug 23	12¾ Jan 2	18 Aug 23
2,474	13,841	Amer Smelt & Ref (Un)	*	--	--	--	--	84½	Sale	81 Aug 6	87⅜ Aug 28	58¼ Jan 15	87⅜ Aug 28
30,071	259,663	American Tel & Tel	33⅓	114⅞	Sale	120¼	Sale	124	Sale	119⅞ Aug 5	124⅞ Aug 19	114⅞ Jan 2	126 May 1
62,421	239,422	American Tob (Un)	6.25	29½	Sale	28¼	Sale	28¾	Sale	27⅛ Aug 13	29¼ Aug 6	27⅛ Aug 13	33⅞ Apr 17
45,357	144,676	American Viscose (Un)	25	--	--	67¼	Sale	--	--	66½ Aug 1	75 Aug 29	59½ Apr 1	75 Aug 29
		Name changed to A V C Corp											
23,588	241,916	Ampex Corp	1	16½	Sale	18½	Sale	19⅛	Sale	17⅜ Aug 9	19⅛ Aug 30	14½ Mar 19	21¼ Jun 24
967	5,908	Amphenol-Borg Electronics	1	--	--	23⅝	Sale	--	--	23½ Aug 13	24⅝ Aug 28	22⅜ Jan 8	26½ July 3
9,106	71,334	Anaconda Co (Un)	50	40¾	Sale	46⅝	Sale	--	--	46⅝ Aug 1	50¼ Aug 28	40¾ Jan 2	54 Jun 6
1,775	9,729	Anthony Pools Inc	1	--	--	--	--	--	--	4⅛ Aug 21	4½ Aug 15	3 Jan 7	4¾ May 7
----	199	Apollo Industries Inc	5	7⅛	8	12¼	12¾	10¾	11¼	-- ------	-- ------	8⅝ Apr 5	8⅝ Apr 8
350	1,704	Archer-Daniels Midland	*	--	--	--	--	42⅞	Sale	42⅞ Aug 30	42⅞ Aug 30	40¾ Apr 17	42⅞ Aug 30
9,061	70,637	Arizona Public Service	2.50	30⅜	Sale	--	--	--	--	30¼ Aug 5	33⅝ Aug 23	28⅜ July 17	33⅝ Aug 23
3,455	19,823	Arkansas-La Gas (Un)	2.50	--	--	33	Sale	--	--	32¾ Aug 1	36⅞ Aug 28	29⅜ Jan 7	36⅞ Aug 28
11,499	34,344	Armco Steel Corp (Un)	10	--	--	55	Sale	--	--	55 Aug 1	62 Aug 27	52 Mar 6	62 Aug 27
706	12,870	Armour & Co (Del) (Un)	5	42½	Sale	--	--	--	--	42⅝ Aug 21	44½ Aug 27	41¼ July 31	48 Apr 16
100	552	Warrants (Un)	*	--	--	--	--	26⅝	Sale	26⅝ Aug 30	26⅝ Aug 30	26⅝ Aug 30	28 Apr 9
392	28,135	Ashland Oil & Refin'g (Un)	1	--	--	--	--	--	--	30⅛ Aug 28	30⅛ Aug 28	26½ Jan 28	30⅞ May 13
16,892	204,778	Atch T & S Fe Ry (Un)	10	25⅛	Sale	28¼	Sale	29⅝	Sale	28⅛ Aug 15	29⅝ Aug 19	25½ Jan 2	30¼ Jun 6
25	10,140	Atlantic Coast Line RR	*	--	--	--	--	--	--	a-- ------	a-- ------	47½ Jan 22	57 May 22
3,409	28,232	Atlantic Refining Co (Un)	10	48¼	Sale	--	--	--	--	54¼ Aug 7	55⅜ Aug 29	48¼ Jan 2	56⅝ Apr 17
7,089	68,603	Atlas Corp common (Un)	1	2⅛	Sale	--	--	--	--	2½ Aug 20	2¾ Aug 13	2⅛ Jan 2	3 May 31
1,785	11,176	Warrants (Un)	--	--	--	--	--	--	--	1⅛ Aug 13	1¼ Aug 6	⅞ Mar 20	1⅜ Jun 11
100	639	5% preferred (Un)	20	--	--	--	--	--	--	16¾ Aug 16	16¾ Aug 16	15¼ Jan 28	17⅛ May 24
1,955	10,508	Automatic Retailers of America	50c	--	--	32⅞	Sale	--	--	30¼ Aug 28	34⅜ Aug 21	30¼ Aug 28	41 Jun 12
9,644	100,520	Avco Mfg Corp (Un)	3	25	Sale	26	Sale	26½	Sale	24⅞ Aug 19	26¾ Aug 12	23 Mar 4	29¼ Jun 11
1,286	31,527	Avnet Electronics Corp	5c	--	--	--	--	--	--	16 Aug 9	16⅝ Aug 20	15⅞ May 21	24⅜ Mar 7
4,092	42,880	Baker Oil Tools Inc	1	--	--	10⅜	Sale	10¼	Sale	10⅛ Aug 8	10⅜ Aug 1	10⅛ Aug 8	14 Jan 22
13,088	88,439	Baldwin-Lima-Ham (Un)	13	--	--	12⅛	Sale	--	--	11⅝ Aug 14	12¾ Aug 2	11⅝ Aug 14	14⅝ May 22
100	1,443	Baldwin Securities (Un)	1c	--	--	--	--	--	--	4⅛ Aug 13	4⅛ Aug 13	3⅞ Apr 9	4¼ Jun 4
170	1,687	Balt & Ohio RR (Un)	100	--	--	--	--	37⅜	Sale	37⅜ Aug 30	37⅜ Aug 30	30½ Jan 4	37⅜ Aug 30
----	2,910	Baruch-Foster Corp	50c	¾	1	--	--	--	--	-- ------	-- ------	⅞ Jan 21	1 Jan 10
3,643	28,159	Beckman Instruments	1	--	--	--	--	76	Sale	73¾ Aug 6	79 Aug 12	71¾ July 12	114⅜ Jan 14
674	5,691	Beech Aircraft Corp	1	--	--	--	--	--	--	13 Aug 2	14¼ Aug 9	13 Aug 2	16¾ Jan 9
2,365	9,698	Bell Electronic Corp	*	3	3⅜	2	2¼	2⅜	Sale	2 Aug 2	2⅜ Aug 30	2 Aug 2	3½ Jan 11
222	2,360	Bell Intercont'l Corp (Un)	1	--	--	--	--	10½	Sale	10½ Aug 30	10½ Aug 30	10½ Jan 7	11⅝ Jun 6
4,518	85,671	Bell & Howell Company	*	22½	Sale	23⅝	Sale	25⅝	Sale	23⅜ Aug 1	26½ Aug 22	21¼ Feb 8	30⅜ Jun 13
1,730	16,377	Bendix Corp (Un)	5	--	--	50	Sale	--	--	48⅞ Aug 9	51⅞ Aug 19	48⅞ Aug 9	57⅞ Jan 28
4,136	16,824	Benguet Consol (Un)	2p	--	--	1⅜	Sale	--	--	1¼ Aug 2	1⅜ Aug 1	1¼ Jan 3	1½ Feb 13
141	3,795	Bestwall Gypsum (Un)	40c	--	--	--	--	--	--	a-- ------	a-- ------	28⅛ Jan 31	34 July 18
21,479	182,902	Bethlehem Steel (Un)	8	29¼	Sale	29¾	Sale	31½	Sale	29⅝ Aug 2	31⅝ Aug 30	29 Jan 2	34⅝ Apr 16
11,729	118,276	Boeing Company (Un)	5	37¼	Sale	33⅛	Sale	--	--	33⅛ Aug 1	36½ Aug 28	31 July 26	40⅜ Feb 27
340	5,059	Bond Stores Inc (Un)	1	--	--	--	--	--	--	19⅝ Aug 27	19⅝ Aug 27	18⅜ Mar 28	20⅜ May 20
566	6,805	Borden Co (Un)	7.50	--	--	--	--	--	--	63⅝ Aug 22	64½ Aug 29	59⅞ Apr 9	67¼ May 20
6,134	38,346	Borg-Warner Corp	5	--	--	42⅞	Sale	--	--	42⅞ Aug 1	47⅛ Aug 29	41½ Mar 6	47¼ Jun 14
3,190	50,364	Brewer (C) & Co Ltd	*	35	36½	59⅝	Sale	60⅛	61½	59⅝ Aug 1	61 Aug 1	37 Jan 9	75 May 23
13,018	117,393	Broadway Hale Stores	5	32¼	Sale	35⅜	Sale	36	Sale	35 Aug 2	36 Aug 27	28 Feb 27	36⅛ Jun 4
53,410	298,919	Brunswick Corp	*	18⅜	Sale	12½	Sale	12⅛	Sale	12 Aug 6	13⅛ Aug 5	12 Aug 6	20⅝ Jan 8
2,110	27,472	Buckner Industries Inc	1	1.95	2.15	1.90	2.00	1.85	Sale	1.80 Aug 29	1.90 Aug 2	1.75 Mar 26	2.35 Jan 29
2,183	27,994	Budd Co	5	--	--	--	--	--	--	13¾ Aug 6	15 Aug 28	12⅝ Mar 19	15½ July 2
5,269	14,251	Budget Finance Plan com	50c	13¼	13⅝	15⅜	Sale	--	--	15¼ Aug 1	18⅝ Aug 13	13⅝ Jan 3	18⅝ Aug 13
345	1,505	6% preferred	10	10¼	10¾	--	--	--	--	10⅛ Aug 27	10½ Aug 29	10⅛ July 23	10½ Aug 29
6,093	31,943	Bullock's Inc	5	--	--	62⅜	Sale	62½	Sale	61¾ Aug 21	63 Aug 15	55 Jan 17	64 July 24
670	7,182	Bunker Hill Co (Un)	2.50	8½	8⅞	18½	Sale	19¾	20¼	18½ Aug 1	19½ Aug 28	8½ Jan 3	19½ Aug 28
3,598	24,854	Burlington Industries (Un)	1	--	--	--	--	37⅞	Sale	36¼ Aug 2	37⅞ Aug 30	26 Jan 3	37⅞ Aug 30
16,138	66,302	Burroughs Corp	5	--	--	26¼	Sale	27½	Sale	26¼ Aug 1	29½ Aug 12	26¼ July 25	34 Feb 18
21,482	69,682	Rights	--	--	--	3/32	Sale	--	--	3/32 Aug 1	1/4 Aug 1	3/32 July 24	5/16 July 22
48,850	523,749	Buttes Gas & Oil Co	*	4⅛	Sale	4⅜	Sale	4½	Sale	4⅛ Aug 13	4¾ Aug 23	4 Jan 9	6 Jan 17
890	6,848	Cabol Enterprises Limited	*	½	¾	45c	55c	47c	55c	45c Aug 2	48c Aug 9	45c Aug 2	1 Jan 10
12,838	191,106	Calif Financial Corp	1	8¼	Sale	8⅝	Sale	9⅜	Sale	8¼ Aug 2	10 Aug 23	8¼ Jan 2	11½ Apr 11
2,437	19,063	California Ink Co Inc	5.50	18	18⅝	19½	20¼	20	20½	19 Aug 8	20 Aug 20	18⅞ Jan 7	22 Apr 22
8,293	119,191	California Packing	2.50	24¼	Sale	31¾	Sale	31⅞	Sale	31½ Aug 2	33 Aug 19	23⅞ Apr 24	33 Aug 19
918	7,219	Campbell Soup Co (Un)	1.80	--	--	--	--	--	--	98¾ Aug 2	99⅜ Aug 20	93⅞ Apr 19	100¾ Feb 18
874	6,511	Canada Dry Corp (Un)	1⅔	--	--	--	--	--	--	23¼ Aug 5	24¾ Aug 28	21⅞ Mar 22	24¾ Aug 28
60	7,530	Canada Southern Pet Ltd	1	4⅜	4¾	--	--	--	--	a-- ------	a-- ------	3⅜ Mar 13	4⅛ May 21
2,769	44,665	Canadian Pacific Ry (Un)	25	--	--	--	--	30⅜	Sale	28⅜ Aug 14	30⅜ Aug 30	23¼ Jan 16	30½ July 9
415	6,201	Carrier Corp (Un)	10	--	--	--	--	--	--	37½ Aug 26	38⅞ Aug 15	37½ Aug 26	42¼ May 10
7,002	42,397	Case & Co (J I) (Un)	12½	--	--	9	Sale	--	--	9 Aug 1	11 Aug 26	7⅛ Jan 3	11 Aug 26
10,636	129,255	Castle & Cooke, Inc	10	26⅜	Sale	29⅞	Sale	31¾	Sale	29⅞ Aug 1	32¼ Aug 20	26⅜ Jan 2	37¾ May 22
7,276	62,913	Caterpillar Tractor	*	37	Sale	43⅜	Sale	--	--	43⅜ Aug 1	45¼ Aug 22	34⅝ Mar 1	46½ Jun 5
3,274	36,786	Celanese Corp of America	*	--	--	--	--	54⅜	Sale	49⅝ Aug 5	54⅜ Aug 30	37 Feb 25	54⅜ Aug 30
752	18,136	Cenco Instruments Corp	1	--	--	--	--	--	--	44 Aug 9	49¼ Aug 13	40¼ Jan 10	49¼ Aug 13
512	42,236	Central & South West Corp (Un)	2.50	--	--	--	--	--	--	43¼ Aug 5	44⅞ Aug 23	42 Jun 3	44⅞ Aug 23
8,510	27,637	Cerro Corp (Un)	5	--	--	--	--	32	Sale	27½ Aug 2	33¼ Aug 28	19⅞ Jan 3	33¼ Aug 28
11,813	32,505	Certain-teed Prods Corp	1	16	Sale	15⅝	Sale	15⅝	Sale	14½ Aug 8	17 Aug 21	13⅞ Jun 4	19¾ Feb 6
470	13,936	Chadbourn Gotham Inc	1	--	--	--	--	--	--	3⅝ Aug 7	3¾ Aug 5	3⅝ Jun 18	4⅝ Jan 11
2,212	14,897	Champlin Oil & Ref (Un)	1	--	--	34⅛	Sale	34	Sale	33¾ Aug 16	34¾ Aug 5	29¾ Mar 1	34¾ Aug 5
----	750	Charter Oil Co Ltd	1	--	--	--	--	--	--	-- ------	-- ------	1⅛ Feb 19	1⅜ Jun 18
4,082	32,198	Chesapeake & Ohio (Un)	25	--	--	--	--	--	--	63⅛ Aug 6	64⅞ Aug 19	52⅞ Jan 3	64⅞ Aug 19

(Un) Admitted to unlisted trading privileges. See page 50 for all other footnotes.

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Aggregate Sales in August Shares	Since Jan. 1 Shares	Pacific Coast Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
2,142	11,462	Chicago Mil St Paul & Pacific RR (Un)	*	—	—	—	—	—	—	14⅞ Aug 9	16⅞ Aug 28	10¼ Mar 27	16⅞ Aug 28
3,332	26,173	Chicago Rock Island & Pacific RR (Un)	*	—	—	24¾	Sale	—	—	24¾ Aug 1	27 Aug 19	19½ Jan 3	27 Aug 19
543	7,969	Chris Craft Industries	1	—	—	—	—	—	—	13¼ Aug 19	14⅛ Aug 7	12¼ Mar 18	18¼ Apr 11
2,771	17,503	Christiana Oil Corp	1	—	—	—	—	—	—	5⅞ Aug 28	6⅜ Aug 5	5⅝ Jan 4	8¼ Jun 20
94,644	340,509	¶Chrysler Corp	12½	56⅜	Sale	57	Sale	72¾	Sale	55¾ Aug 1	72⅞ Aug 30	51⅛ May 6	72⅞ Aug 30
7,130	34,134	Cities Service Co (Un)	10	4¾	5	—	—	68⅜	Sale	67¼ Aug 26	72¼ Aug 5	56⅜ Jan 2	72¼ Aug 5
921	14,575	Clary Corp	1	3⅝	Sale	8	8¼	7⅛	7⅜	8⅛ Aug 2	8½ Aug 7	4⅝ Mar 22	9⅛ Jun 13
496	7,105	Cohu Electronics Inc	1	—	—	—	—	—	—	4⅜ Aug 12	4⅜ Aug 12	3⅝ Jan 2	5⅛ July 1
4,089	33,053	Colorado Fuel & Iron	5	—	—	—	—	9⅝	Sale	8⅝ Auf 6	10 Aug 23	8⅜ July 19	10¾ Apr 16
5,407	37,027	Columbia Broadcast Sys	2.50	—	—	64	Sale	—	—	64 Aug 1	70½ Aug 28	44⅝ Jan 8	70½ Aug 28
4,163	40,404	Columbia Gas System (Un)	10	—	—	—	—	—	—	29¼ Aug 8	30¼ Aug 19	27 Feb 5	30⅜ Jun 5
8,018	25,812	Commercial Solvents (Un)	1	44¼	Sale	26⅛	Sale	—	—	26⅛ Aug 1	29⅜ Aug 27	22⅛ Apr 5	29⅜ Aug 27
2,759	27,891	Commonwealth Edison	12½	—	—	48¾	Sale	52¾	Sale	48¾ Aug 1	53¼ Aug 26	44¼ Jan 2	53¼ Aug 26
4,012	32,518	Consol Edison of NY (Un)	*	—	—	86¾	Sale	—	—	86⅝ Aug 1	88¼ Aug 21	83¾ Jan 7	88¼ Aug 21
894	4,438	Consolidated Foods	1⅓	—	—	—	—	—	—	42⅝ Aug 5	45¼ Aug 13	34¼ Jan 8	45¼ Aug 13
275	4,503	Consol Nat Gas Co (Un)	10	—	—	—	—	—	—	a—	a—	58½ Apr 8	65 May 21
200	7,102	Consolidated Oil & Gas	20c	—	—	—	—	—	—	3¾ Aug 22	3⅞ Aug 20	3⅝ July 19	4⅝ Feb 11
447	4,071	Consumers Power (Un)	*	—	—	—	—	—	—	46⅝ Aug 2	48½ Aug 14	40⅞ Mar 4	48½ Aug 14
2,224	21,756	Continental Can (Un)	10	—	—	—	—	—	—	45½ Aug 2	46⅞ Aug 16	42⅝ Apr 2	47⅞ Jun 24
700	3,033	Continental Copper & Steel Industries	2	—	—	—	—	5¾	Sale	5¾ Aug 30	6 Aug 20	4½ Mar 19	6¼ July 10
3,671	29,075	Continental Insur (NY)	5	—	—	56⅛	Sale	—	—	56⅛ Aug 1	57½ Aug 13	56⅛ Aug 1	64⅛ Feb 18
2,770	61,124	Continental Motors (Un)	1	—	—	11⅝	Sale	12⅛	Sale	11⅝ Aug 1	12⅜ Aug 6	10⅞ Jan 3	13½ Jun 5
6,714	49,577	Continental Oil Co (Un)	5	—	—	—	—	—	—	59⅜ Aug 5	64¼ Aug 28	55 Jan 4	64¼ Aug 28
—	793	Controls Co of America	5	—	—	—	—	—	—	—	—	25⅞ May 8	25⅞ May 8
2,637	29,628	Corn Products	50c	50	Sale	—	—	—	—	55⅞ Aug 2	58⅝ Aug 21	50 Jan 2	59¼ May 23
737	5,408	Crane Co (Un)	25	—	—	—	—	—	—	54 Aug 14	54 Aug 14	46¾ Feb 12	54 Aug 14
243	8,429	Crestmont Consol Corp	1	—	—	—	—	—	—	4⅝ Aug 15	4⅝ Aug 15	3⅞ Jan 3	5½ Jun 6
5,831	81,772	Crown Zellerbach com	5	46	Sale	—	—	50	Sale	46⅜ Aug 6	50⅛ Aug 16	45¾ Jan 3	57½ Apr 25
19	695	$4.20 preferred	*	—	—	—	—	—	—	a—	a—	96 July 11	99 Apr 1
6,461	35,775	Crucible Steel Co of America (Un)	12.50	—	—	20⅞	Sale	24⅝	Sale	20⅞ Aug 1	25 Aug 23	17¼ Jan 30	25 Aug 23
537	6,937	Cudahy Packing Co (Un)	5	8	Sale	—	—	8¼	Sale	7 Aug 14	8¼ Aug 30	7 July 22	10 Jan 25
370	4,830	Curtis Publishing Co (Un)	1	—	—	—	—	6	Sale	6 Aug 30	6 Aug 30	6 Aug 30	8½ Feb 14
3,318	66,799	Curtiss-Wright Corp (Un)	1	17½	Sale	—	—	20⅜	Sale	19¾ Aug 6	21 Aug 16	17½ Jan 2	24¼ May 16
120	710	Class "A" (Un)	1	—	—	—	—	—	—	a—	a—	37⅝ July 10	37⅝ July 10
2,007	28.249	Cutter Laboratories Inc— Class A common	1	11	11¾	14¾	Sale	15¼	16	14¾ Aug 1	15⅝ Aug 12	11⅝ Jan 7	15⅞ Jun 19
240	2,255	Class B common	1	11¼	11⅝	14	15	15	15¾	14⅞ Aug 22	14⅞ Aug 22	13 Mar 8	15¼ Jun 19
500	6,117	Cypress Abbey Co	2	2.15	2.25	2.45	2.60	2.45	2.60	2.40 Aug 23	2.45 Aug 23	2.15 Jan 21	2.50 Jun 13
230	3,399	Decca Records Inc	50c	—	—	—	—	—	—	45½ Aug 7	45½ Aug 7	45¼ Jan 22	46 Apr 26
1,161	18,821	Deere & Co (Un)	1	—	—	—	—	—	—	59⅛ Aug 9	61 Aug 6	53¼ Jan 9	69¼ Jun 7
1,692	21,336	Denver & Rio Grande Western RR (Un)	*	—	—	—	—	22¼	Sale	21½ Aug 14	22½ Aug 29	19¾ Mar 29	23 May 29
12,418	23,183	Desilu Productions Inc	1	7¼	7¾	6¾	Sale	8¾	Sale	6¾ Aug 1	8⅞ Aug 26	6⅝ July 31	8⅞ Aug 26
7,892	39,735	DiGiorgio Fruit Corp	2.50	13⅝	14	14	14⅜	14¼	Sale	14⅛ Aug 2	15⅛ Aug 9	11⅜ Feb 28	15⅝ May 14
8,705	44,627	Disney (Walt) Prod	2.50	28¾	Sale	38¾	Sale	—	—	38¾ Aug 1	45⅛ Aug 29	28¾ Jan 2	45⅛ Aug 29
5,091	12,485	Dome Mines Ltd (Un)	*	—	—	—	—	—	—	29¾ Aug 7	32½ Aug 20	24⅝ Jan 15	32½ Aug 20
715	2,876	Dorr-Oliver Corp com	7½	12	12½	11⅝	12⅛	11¼	Sale	11¼ Aug 30	11½ Aug 23	11¼ Aug 30	13¼ Jan 29
100	815	$2 preferred	32½	34	35½	37	38	36	38	36¼ Aug 7	36¼ Aug 7	35¾ May 7	39½ Feb 8
5,820	53,088	Douglas Aircraft	*	—	—	22⅞	Sale	23⅝	Sale	22½ Aug 9	23¾ Aug 29	22½ Aug 9	29¾ Jan 11
3,366	39,235	Dow Chemical Co	5	55⅞	Sale	58⅝	Sale	61½	Sale	58⅝ Aug 1	61½ Aug 30	55 Mar 1	65⅞ Apr 30
8,301	31,521	Dresser Industries	50c	—	—	26⅝	Sale	27¼	Sale	26⅝ Aug 1	29 Aug 12	22⅝ Jan 3	29 Aug 12
2,227	21,025	du Pont de Nemours (Un)	5	—	—	237½	Sale	—	—	236¾ Aug 1	244⅜ Aug 16	233 July 23	256¾ May 9
6,345	30,731	Eastern Air Lines (Un)	1	—	—	24¾	Sale	27¾	Sale	23⅝ Aug 9	27¾ Aug 30	19⅛ Apr 16	27¾ Aug 30
3,288	38,523	Eastman Kodak Co (Un)	10	—	—	108⅜	Sale	109¾	Sale	108⅜ Aug 1	111¼ Aug 20	106½ July 24	120⅞ Apr 25
—	1,300	Elder Peel Corp Ltd	1	¾	1	—	—	—	—	—	—	⅞ Mar 15	1⅛ May 17
13,668	126,961	El Paso Natural Gas	3	17¼	Sale	—	—	18⅜	Sale	18⅜ Aug 30	19⅛ Aug 8	17⅛ Jan 2	20½ Apr 22
150	2,506	Electric Bond & Sh (Un)	5	—	—	—	—	30⅜	Sale	30⅜ Aug 30	30⅜ Aug 30	28⅜ Jan 7	31 Apr 29
3,652	78,017	Electronics Specialty	50c	24¼	Sale	27¼	Sale	30½	Sale	26 Aug 2	31 Aug 30	20¾ Mar 28	33⅞ July 12
890	1,275	Eltra Corp com (Un)	25	—	—	—	—	—	—	26¾ Aug 28	27⅜ Aug 20	26¼ July 5	27⅜ Aug 20
305	424	$1.40 conv pfd (Un)	34½	—	—	—	—	—	—	a—	a—	30¼ July 16	30¼ July 16
843	8,922	Emerson Radio & Phonograph (Un)	5	—	—	10⅛	Sale	—	—	9⅞ Aug 8	10⅛ Aug 1	9⅜ Mar 1	11⅜ Jan 24
4,798	60,200	Emporium Capwell	10	37¾	Sale	37⅞	Sale	41¾	Sale	37⅞ Aug 1	41¾ Aug 30	34¾ Mar 1	41¾ Aug 30
1,951	10,898	Erie-Lack RR (Un)	*	—	—	—	—	—	—	3⅜ Aug 15	3⅝ Aug 28	3 Jan 7	4⅛ Feb 13
85,948	314,344	Eureka Corp Ltd ($1 or 25c)		⅛	⅛	23c	Sale	30c	Sale	23c Aug 1	34c Aug 27	15c Feb 4	35c Mar 5
16,921	48,988	Eversharp Inc	1	25½	Sale	44¼	Sale	48½	Sale	43⅛ Aug 9	57⅜ Aug 21	25½ Jan 2	57⅜ Aug 21
8,150	120,855	Exeter Oil Co Ltd "A"	1	.40	Sale	45c	Sale	42c	45c	41c Aug 1	45c Aug 12	35c Feb 26	62c May 3
12,565	56,201	Factor (Max) & Co	1	—	—	—	—	—	—	45 Aug 7	47⅜ Aug 21	37⅝ Jan 3	48½ May 3
2,851	50,438	Fairbanks Whitney	1	—	—	5¼	Sale	5¼	Sale	4⅞ Aug 22	5¼ Aug 1	4¼ Apr 17	6⅛ Jan 11
5,125	39,354	Fairchild Camera & Instrument Corp (Un)	5	45⅛	Sale	34½	Sale	—	—	34½ Aug 1	40¾ Aug 22	32¾ Apr 5	49¾ Jan 14
175	11,934	Fairchild Stratos (Un)	1	7¼	Sale	—	—	—	—	a—	a—	6 Jun 18	8¾ Feb 6
575	2,950	Family Record Plan	1	—	—	7¼	7¾	7⅝	Sale	7⅝ Aug 20	7⅞ Aug 6	7⅝ Aug 20	9 Jun 28
2,491	9,876	Fansteel Metallurgical (Un)	5	—	—	17¼	Sale	17⅜	Sale	17⅛ Aug 1	20⅞ Aug 19	16¾ July 11	22¾ Feb 18
1,800	6,903	Fargo Oils Ltd	1	—	—	—	—	2½	Sale	2 Aug 2	2½ Aug 30	1⅛ July 30	2⅜ Jan 15
—	4,445	Fawick Corp	2	—	—	—	—	—	—	—	—	8⅛ Mar 7	9⅝ May 16
52	3,133	Fedders Corp (Un)	1	—	—	—	—	—	—	a—	a—	16¾ July 9	19¾ May 17
49	4,711	Federal-Mogul-Bower Bearings	5	38¼	39¼	43	44	44½	45½	a—	a—	38 Mar 13	47 Jun 10
3,547	33,759	Fibre Board Paper Prod	*	24	Sale	—	—	29	Sale	26 Aug 13	29 Aug 29	24 Jan 2	29½ May 3
4,027	18,322	Firestone Tire & Rub (Un)	*	—	—	32½	Sale	35¼	Sale	32½ Aug 1	36¼ Aug 27	32½ Aug 1	37½ May 10
6,752	73,197	First Charter Financial	*	—	—	—	—	44⅜	Sale	39 Aug 7	45 Aug 28	32 Jan 24	45 Aug 28
2,566	33,948	Flintkote Co (The)	5	17⅞	Sale	—	—	—	—	20⅜ Aug 5	22¼ Aug 28	17⅞ Jan 2	23⅛ Jun 4
787	4,746	Florida Power & Light (Un)	*	—	—	—	—	—	—	70¼ Aug 2	73¾ Aug 15	69½ Mar 6	74¾ May 13
952	12,236	Fluor Corp Ltd	2.50	—	—	—	—	—	—	18 Aug 14	19¼ Aug 28	14¼ May 14	19⅜ Jun 14
1,456	19,683	Flying Tiger Line Inc	1	14½	Sale	11⅝	12	—	—	10½ Aug 22	11⅜ Aug 5	10½ Aug 22	16 Feb 13
11,253	79,419	FMC Corp	10c	—	—	42⅜	Sale	47⅜	Sale	42⅛ Aug 2	48¾ Aug 21	35¾ Jan 3	48¾ Aug 21
1,031	6,469	Food Fair Stores Inc	1	—	—	—	—	—	—	21¾ Aug 2	22¾ Aug 23	21¾ Aug 2	24¾ Feb 27
28,690	348,632	Ford Motor Co	2½	45½	Sale	50	Sale	54	Sale	50 Aug 1	54 Aug 26	42 Feb 28	56¼ Jun 7
13,212	134.259	Foremost Dairies Inc	2	8¾	Sale	—	—	10¾	Sale	9¾ Aug 14	10⅞ Aug 29	8⅜ Jan 7	11⅛ May 20
18,575	96,287	Friden Inc	33⅓c	28¾	29⅜	39⅛	Sale	43¼	Sale	39⅛ Aug 1	43¼ Aug 27	26⅝ Mar 20	43¼ Aug 27
10,446	71,418	Fruehauf Trailer Co	1	24⅞	Sale	—	—	30⅝	Sale	28 Aug 8	31⅛ Aug 23	24⅞ Jan 2	35½ Jun 5
580	5,047	Garrett Corp	2	—	—	—	—	—	—	42¾ Aug 16	42¾ Aug 16	40¼ Mar 20	45½ May 1
691	19,681	Gen Amer Oil Co of Tex	5	—	—	—	—	35⅜	Sale	33 Aug 5	35⅜ Aug 30	33 Aug 5	40 Jan 3
5,829	63,583	General Dynamics Corp	1	28⅜	Sale	—	—	26¾	Sale	23¼ Aug 19	27⅛ Aug 30	23¼ Aug 19	30 Feb 6
10,226	93,811	Gen Electric Co (Un)	5	—	—	78⅛	Sale	81½	Sale	78⅛ Aug 1	82⅛ Aug 15	72½ Mar 18	84¼ May 31
34,750	301.389	Genl Explor Co of Calif	1	7¾	8⅛	15⅜	Sale	16⅞	Sale	14⅜ Aug 12	17 Aug 29	7¾ Jan 4	17 Aug 29
2,040	28,219	General Foods Corp (Un)	*	—	—	—	—	86¼	Sale	82½ Aug 8	86¼ Aug 30	77⅞ Mar 1	86¼ Aug 30
10,674	35.392	General Mills Inc (Un)	3	—	—	—	—	—	—	34¾ Aug 2	38½ Aug 28	31⅝ Jan 7	38½ Aug 28
42,843	417,327	General Motors Corp	1⅔	58⅛	Sale	71	Sale	75¾	Sale	70½ Aug 1	75¾ Aug 30	58½ Jan 2	75¾ Aug 30
4,692	25.028	Genl Public Serv (Un)	10c	—	—	5¾	Sale	—	—	5⅝ Aug 7	5⅞ Aug 14	5½ Mar 20	5⅞ Jan 28
3,225	17.110	General Public Util (Un)	2½	—	—	32½	Sale	—	—	32¼ Aug 6	33⅝ Aug 26	31¾ Jan 11	34¼ Feb 12
38,096	285,776	General Telephone & Electronics Corp (Un)	3⅓	23⅛	Sale	25¾	Sale	28	Sale	25⅝ Aug 1	28 Aug 30	23 Jan 2	28 Aug 30
18,073	102.654	Gen Tire & Rubber	30c	—	—	23¼	Sale	25¼	Sale	22⅝ Aug 12	25¼ Aug 30	20¾ Jan 16	27¾ May 1
5,080	29,792	Georgia-Pac Corp (Un)	80c	—	—	—	—	—	—	49½ Aug 14	52⅜ Aug 26	44⅝ Mar 13	53¼ Jun 13
514	4,571	Gerber Products Corp	5	—	—	—	—	68	Sale	68 Aug 30	68 Aug 30	53½ Jan 28	68 Aug 30
5,660	59.986	Getty Oil Co	4	—	—	23¾	Sale	24⅞	Sale	23⅛ Aug 1	25¼ Aug 7	17½ Jan 10	26¼ July 15
5,984	14,260	Gibraltar Financial Corp	1	—	—	—	—	29⅝	Sale	24½ Aug 20	30 Aug 28	24½ Aug 20	36½ Apr 15
16,223	189,538	Gillette Co	1	31	Sale	34	Sale	39⅛	Sale	34 Aug 1	40½ Aug 26	28¼ Jan 11	40½ Aug 26
240	2,655	Gimbel Bros (Un)	5	—	—	—	—	—	—	36¾ Aug 7	36¾ Auf 7	36¾ Aug 7	39 Jun 7
1,105	20,780	Glen Alden Corp (Un)	1	—	—	14¾	Sale	15½	Sale	14⅜ Aug 12	15½ Aug 30	10⅛ Jan 3	16⅜ July 12
573	4,308	Glidden Co (Un)	10	—	—	—	—	—	—	42⅛ Aug 2	42⅞ Aug 2	38⅛ Jan 4	42⅞ Aug 2
4,514	91,183	Goebel Brewing Co	1	.48	Sale	70c	75c	59c	63c	59 Aug 20	70 Aug 7	45c Jan 2	1.10 Jan 22
117,432	798,615	Good Humor Co of Calif	10c	.83	Sale	55c	Sale	57c	Sale	44c Aug 27	59c Aug 29	44c Aug 27	95c Jan 7
23,590	54,987	Goodrich (B F) (Un)	10	—	—	48	Sale	—	—	48 Aug 1	54⅜ Aug 23	42⅞ Jan 3	54⅜ Aug 23
7,976	62.569	Goodyear Tire & Rubber	*	—	—	34⅞	Sale	37¾	Sale	34⅞ Aug 1	38¾ Aug 27	32⅜ Mar 6	38¾ Aug 27
4,411	19.354	Grace (W R) & Co	1	40	Sale	43¾	Sale	47⅝	Sale	43¾ Aug 1	47⅝ Aug 30	37⅞ Mar 1	49⅛ Jun 4
1,235	18,092	Granite City Steel (Un)	6¼	—	—	26¼	Sale	—	—	26¼ Aug 1	28¾ Aug 23	26⅛ July 16	31⅝ Apr 15

(Un) Admitted to unlisted trading privileges. See page 50 for all other footnotes.

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Aggregate Sales in August Shares	Aggregate Sales Since Jan. 1 Shares	Pacific Coast Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST — Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 — Lowest Sale Prices	Highest Sale Prices
48,843	901,532	Great Basins Petroleum	20c	3½	Sale	4½	Sale	4⅝	Sale	4¼ Aug 15	5 Aug 2	2⅝ May 2	5⅞ Jun 7
3,145	70,820	Great Lakes Chemical	1	2	2⅛	2⅛	2¼	2⅛	Sale	2 Aug 29	2¼ Aug 5	2 Aug 29	3⅜ Jan 10
4,916	51,664	Great Northern Ry (Un)	*	--	--	--	--	53⅜	Sale	51¼ Aug 2	54 Aug 28	44 Jan 16	55 July 2
14,918	174,638	Great Western Financial	1	18	Sale	18⅛	18⅜	20¾	21⅛	18 Aug 2	21⅝ Aug 28	17 Jan 14	24½ Apr 15
----	419	Gt Western Producers	60c	5¾	6¼	7⅜	8⅜	7½	8¼	-- ------	-- ------	a-- ------	a-- ------
3,989	36,279	Greyhound Corp com	3	31⅞	Sale	--	--	44¼	Sale	40 Aug 5	44⅞ Aug 16	31⅞ Jan 2	44⅞ Aug 16
122	797	4½% conv pfd	50	--	--	--	--	--	--	a-- ------	a-- ------	62¼ Jan 3	62¼ Jan 3
1,358	13,382	Grumman Aircraft Engineering (Un)	1	44¾	Sale	--	--	--	--	44¾ Aug 23	45⅞ Aug 6	42¼ Jan 29	52¼ May 13
4,097	28,689	Gulf American Land Corp	1	6	6¼	4½	Sale	4⅜	4⅝	4½ Aug 1	4⅞ Aug 5	4½ July 31	6⅝ Jan 8
2,300	6,341	Gulf Mobile & Ohio RR Co (Un)	*	--	--	--	--	--	--	40 Aug 5	43⅞ Aug 28	32 Jan 4	43⅞ Aug 28
29,169	195,190	Gulf Oil Corp (Un)	8⅓	38⅝	Sale	47⅞	Sale	49⅜	Sale	47⅝ Aug 2	50 Aug 27	38⅛ Jan 7	50 Aug 27
6,242	27,327	Hammond Organ Co (Un)	1	--	--	25⅛	Sale	26¼	Sale	24¼ Aug 23	26¼ Aug 30	21⅝ Mar 4	26¼ Aug 30
4,427	42,129	Hartfield Stores	1	6	6½	--	--	--	--	5⅞ Aug 20	6⅛ Aug 28	5⅞ Aug 20	7⅛ Jan 10
572	2,439	Hawaiian Telephone Co	5	--	--	--	--	22⅜	Sale	21⅞ Aug 23	23¼ Aug 12	21⅞ Aug 23	24⅞ May 6
1,072	51,119	Hercules Powder (Un)	1 1/24	41⅜	Sale	--	--	--	--	35⅝ Aug 20	36¾ Aug 21	35⅛ July 24	43¼ Jan 15
285	15,695	Hertz Corp (Un)	1	--	--	--	--	--	--	47⅞ Aug 9	47⅞ Aug 9	43 Feb 11	52 May 16
54,724	109,535	Hewlett-Packard Co	1	23⅝	Sale	21⅜	Sale	--	--	19½ Aug 15	21⅜ Aug 1	18¾ Apr 9	26¾ Jan 11
9,216	30,089	Hilton Hotels Corp	2.50	--	--	20	Sale	--	--	18¾ Aug 14	22¼ Aug 1	18¾ Aug 14	28¾ Feb 7
525	4,865	Warrants	----	--	--	4½	Sale	--	--	4½ Aug 1	4½ Aug 1	4½ Aug 1	7¾ Jan 14
4,374	28,051	Hoffman Electronics	50c	9½	Sale	--	--	8⅛	Sale	7¼ Aug 7	8⅛ Aug 30	7¼ Aug 7	10⅜ Jan 4
1,161	27,240	Holly Oil Co	1	1.60	1.70	1.60	1.70	1.60	1.65	1.60 Aug 2	1.70 Aug 7	1.50 Jun 12	1.85 Jan 14
170	1,511	Home Oil Co Ltd cl A	*	10½	11	10	10¼	10	10⅜	10½ Aug 19	10½ Aug 19	9⅞ July 19	11¾ Feb 7
----	642	Class B	*	10⅜	10¾	10⅝	11	--	--	-- ------	-- ------	11⅝ Feb 12	11⅞ Feb 4
2,227	20,435	Homestake Min'g (Un)	12½	--	--	52½	Sale	--	--	51½ Aug 27	53 Aug 2	45⅛ Jan 7	53 Aug 2
1,024	8,432	Howe Sound Co (Un)	1	11¼	Sale	--	--	--	--	12¼ Aug 29	12½ Aug 13	11¼ Jan 2	13⅝ Jun 19
2,955	10,170	Hupp Corp (Un)	1	--	--	--	--	8	Sale	6⅝ Aug 16	8 Aug 29	6⅝ Aug 16	8⅝ Jan 14
1,715	6,432	Idaho Power Co	5	--	--	--	--	--	--	32¾ Aug 5	35¼ Aug 22	32¾ Aug 5	36½ May 23
1,698	18,264	Ideal Cement Co	5	--	--	23⅜	Sale	--	--	23⅛ Aug 8	24¼ Aug 29	21⅛ Mar 15	26½ Jun 3
197	7,410	Illinois Central RR (Un)	*	--	--	--	--	--	--	a-- ------	a-- ------	42¼ Jan 7	55¼ Jun 21
2,942	19,892	Inland Steel Co (Un)	*	--	--	--	--	44⅝	Sale	40⅛ Aug 2	44⅝ Aug 30	36¾ Mar 18	44⅝ Aug 30
272	2,388	Interlake Iron Corp (Un)	*	--	--	--	--	--	--	a-- ------	a-- ------	24¼ July 31	26⅝ Apr 15
8,557	17,230	Int'l Business Mach (Un)	5	--	--	432	Sale	446½	Sale	432 Aug 1	458¼ Aug 15	428½ July 22	477½ Jun 3
6,465	43,000	Internat'l Harvester (Un)	*	--	--	54½	Sale	--	--	54⅜ Aug 1	57⅜ Aug 26	50½ Jan 3	63 May 20
1,126	20,186	International Nickel Co of Can Ltd (Un)	*	--	--	--	--	--	--	59½ Aug 7	63⅜ Aug 29	57¾ July 31	67⅜ Jan 31
11,525	104,946	Int'l Paper Co (Un)	2.50	--	--	28¾	Sale	31¼	Sale	28½ Aug 1	31¼ Aug 30	27 Mar 4	32⅜ Apr 8
92	1,517	Int'l Pipe & Ceramics com	1	--	--	--	--	--	--	a-- ------	a-- ------	31 Apr 25	35 Jun 25
60	6,548	5% conv preferred	100	--	--	--	--	--	--	a-- ------	a-- ------	104¾ Jan 17	107 Apr 4
2,456	19,188	Int'l Rectifier Corp	1	--	--	--	--	8½	Sale	8¼ Aug 6	8⅝ Aug 12	8 May 7	10½ Jan 28
7,926	52,443	Int'l Tel & Tel (Un)	*	--	--	--	--	52⅜	Sale	49⅛ Aug 14	52⅜ Aug 30	42½ Jan 3	52⅜ Aug 30
925	2,625	Interstate Power Co	3½	--	--	--	--	--	--	26½ Aug 23	26¾ Aug 29	26 Feb 13	27 Mar 1
400	8,741	Intex Oil Co	33½c	6	Sale	7	7¼	6⅞	Sale	6½ Aug 22	6⅞ Aug 30	6 Jan 2	9 Jun 5
33,116	211,532	Jade Oil Co	50c	3¾	Sale	3⅞	Sale	4⅜	Sale	3¾ Aug 1	4⅜ Aug 28	2⅜ May 13	4½ Jan 10
3,514	42,932	Johns-Manville Corp (Un)	5	--	--	46½	Sale	--	--	46½ Aug 1	49½ Aug 23	43½ Mar 8	51 Jun 6
3,657	26,168	Jones & Lghlin Steel (Un)	10	--	--	--	--	--	--	53⅛ Aug 2	61⅛ Aug 29	49⅝ Jan 18	61⅛ Aug 29
3,095	31,555	Jorgensen (Earle M)	1	--	--	--	--	--	--	13⅞ Aug 12	14⅝ Aug 19	13⅝ Feb 26	15¼ Apr 22
4,457	37,664	Kaiser Alum & Chem	33½c	35⅝	Sale	33⅜	Sale	35⅛	Sale	33⅜ Aug 1	36½ Aug 27	32⅞ Feb 13	42 Jun 5
----	158	4¾% cum preferred	50	--	--	--	--	--	--	-- ------	-- ------	a-- ------	a-- ------
26	268	4⅛% conv preferred	100	--	--	--	--	--	--	a-- ------	a-- ------	a-- ------	a-- ------
7,499	73,181	Kaiser Industries	4	6¼	6⅝	6⅝	6⅞	7	7¼	6⅝ Aug 22	7⅛ Aug 27	6⅜ Mar 1	8⅜ Apr 16
133	1,606	Kansas Pow & Lt Co (Un)	8¾	48	Sale	--	--	--	--	51⅛ Aug 21	51⅛ Aug 21	48 Jan 2	53½ Feb 1
7,817	60,216	Kennecott Copper (Un)	*	--	--	--	--	74¼	Sale	72 Aug 2	74¾ Aug 29	67½ Jan 3	79¼ May 1
4,791	35,174	Kern County Land Co	2.50	--	--	--	--	71	Sale	66½ Aug 2	71½ Aug 20	66¼ July 24	78¾ Jan 10
351	1,465	Kirkeby-Natus Corp	1	--	--	--	--	--	--	20½ Aug 15	22 Aug 28	17¾ Jan 14	22 Aug 28
3,592	126,328	Kratter Corp class A com	1	15¾	Sale	9½	9¾	9½	Sale	9⅜ Aug 14	9¾ Aug 12	7¾ May 1	17 Jan 18
359	587	Kropp Forge Co	33½c	--	--	--	--	--	--	a-- ------	a-- ------	1⅞ July 16	1⅞ July 16
----	530	Laclede Gas Co (Un)	4	--	--	--	--	--	--	-- ------	-- ------	30⅜ Mar 19	30⅜ Mar 19
98	2,550	Larchfield Corp	1	--	--	--	--	--	--	a-- ------	a-- ------	5⅜ Apr 16	5½ July 9
3,700	20,472	Lasco Industries	*	--	--	3¼	Sale	3¼	Sale	3⅛ Aug 2	3⅜ Aug 12	3⅛ Jun 12	3⅝ Jun 13
31,874	84,794	Lear Siegler Inc	1	--	--	17	Sale	--	--	16¾ Aug 29	18⅞ Aug 13	15¼ Apr 18	18⅞ Aug 13
1,144	10,997	Lehman Corp (Un)	1	26⅞	Sale	--	--	--	--	30 Aug 26	30⅞ Aug 7	26⅞ Jan 2	30⅞ Aug 7
472	19,478	Leslie Salt Co	10	58	Sale	69	Sale	63	65	63 Aug 20	69 Aug 1	54½ Apr 24	69 Aug 1
925	2,341	Lewis (Lillie) Foods	1	--	--	6⅞	7¼	--	--	7 Aug 5	7⅝ Aug 16	6⅝ Jun 18	7⅝ Jun 27
929	31,549	Libby McNeill & Libby	7	--	--	--	--	--	--	14 Aug 28	15 Aug 5	12¼ Jan 16	16⅛ Mar 2
3,084	28,761	Liggett & Myers Tob (Un)	25	--	--	--	--	--	--	72¼ Aug 21	75⅞ Aug 7	67 Jan 3	82¾ May 3
4,311	31,059	Ling-Temco-Vought (Un)	50c	--	--	--	--	--	--	15⅝ Aug 12	17¾ Aug 27	13⅝ July 19	18⅛ Feb 27
1,300	6,049	Lithium Corp of America	1	6⅞	Sale	7	Sale	--	--	6¾ Aug 20	7⅛ Aug 7	6¾ Jun 18	9¼ Apr 18
17,508	155,985	Litton Industries Inc	1	64¼	65¼	69⅞	70⅝	78½	Sale	69¾ Aug 2	78½ Aug 30	57⅞ Mar 1	78½ Aug 30
1,117	134,686	Lockheed Aircraft Corp	1	52¾	Sale	--	--	--	--	49½ Aug 2	49½ Aug 2	48⅜ July 23	58¼ May 13
15,217	3,092	¶New common	1	--	--	37¼	Sale	38	Sale	35½ Aug 16	38⅛ Aug 6	35½ Aug 16	43⅛ July 3
106	2,979	Loew's Theatres (Un)	1	--	--	--	--	--	--	a-- ------	a-- ------	17¼ Apr 22	19⅞ Feb 19
1,740	54,393	Lone Star Cement (Un)	4	18⅜	Sale	--	--	--	--	19¾ Aug 2	21 Aug 27	18⅜ Jan 2	23 May 24
7,395	58,273	Lorillard (P) Co (Un)	5	--	--	44½	Sale	47⅞	Sale	44⅜ Aug 2	48 Aug 29	42⅝ Feb 27	54 Apr 18
925	10,580	Louis Lesser Enterprises Inc Common	10c	--	--	9⅝	Sale	--	--	8¾ Aug 22	10 Aug 2	8¾ Aug 22	10¾ July 29
106,923	550,472	M J M & M Oil Co (Un)	10c	31c	Sale	28c	Sale	31c	33c	28c Aug 1	36c Aug 14	28c July 31	39c Apr 9
807	6,105	Macy & Co Inc (R H)	1	--	--	--	--	66	Sale	62 Aug 5	66 Aug 30	56¾ Jan 23	67⅛ Jun 4
50	4,089	Madison Sq Garden Corp	1	--	--	--	--	--	--	a-- ------	a-- ------	1½ July 15	2⅜ Jan 16
8,656	77,749	Magnavox Co (Un)	1	36¼	Sale	--	--	41⅞	Sale	38⅞ Aug 2	42⅞ Aug 29	36¼ Jan 2	45½ May 27
3,099	18,580	Marathon Oil Company	*	--	--	54¾	Sale	--	--	54¾ Aug 1	59⅛ Aug 23	44⅝ Jan 7	59⅛ Aug 23
3,314	15,954	Marquardt Corp	1	12½	Sale	--	--	11½	Sale	10½ Aug 20	11¾ Aug 29	10½ Aug 20	15½ Feb 26
29,835	268,049	Martin Marietta Corp	1	21½	Sale	18½	Sale	19⅝	Sale	18⅛ Aug 8	19¾ Aug 22	18 July 26	22⅝ Jan 4
21,840	21,840	Mattel Inc common	1	--	--	--	--	52	Sale	45¼ Aug 14	54½ Aug 23	45¼ Aug 14	54½ Aug 23
5,130	11,090	McCulloch Oil Corp	50c	--	--	8⅜	8⅝	9⅛	Sale	8⅝ Aug 2	9⅜ Aug 30	8⅝ Jun 6	9⅞ Jun 3
1,136	1,970	McDonnell Air cft (Un)	2.50	--	--	--	--	--	--	53 Aug 21	54¼ Aug 5	52¾ July 23	57½ July 11
1,371	16,822	McKesson & Robbins (Un)	9	--	--	--	--	--	--	45½ Aug 9	49½ Aug 22	40¼ Mar 1	50⅜ May 13
750	13,841	Meier & Frank Co Inc	10	16⅛	Sale	17¾	18½	18¼	Sale	17¾ Aug 26	18¼ Aug 29	16⅛ Jan 2	19¼ Apr 10
1,680	23,687	Menasco Manufacturing Co	1	4½	4¾	5¾	6	5⅝	Sale	5½ Aug 19	5⅞ Aug 2	4½ Jan 10	6½ Feb 8
32,221	172,808	Merchants Petroleum Co	25c	1.55	1.65	1.90	Sale	1.70	Sale	1.70 Aug 27	2.10 Aug 16	1.30 Jun 11	2.10 July 29
773	12,410	Merck & Co (Un)	16⅔	--	--	--	--	--	--	98 Aug 13	105⅞ Aug 28	80¼ Feb 28	105⅞ Aug 28
390	17,120	Merritt-Chapman & Scott (Un)	12½	--	--	--	--	--	--	12 Aug 14	12 Aug 14	11⅞ July 17	13¼ Apr 26
1,069	24,369	Metro-Goldwyn-Mayer Inc. (Un)	*	--	--	--	--	--	--	29⅛ Aug 5	30¾ Aug 15	27½ Feb 28	37 Jun 3
1,164	11,554	Middle South Utilities	10	--	--	37½	Sale	--	--	37½ Aug 1	39 Aug 29	35⅛ Jan 14	39 Aug 29
5,221	49,424	Minnesota Min & Mfg	*	--	--	58½	Sale	61¾	Sale	58½ Aug 1	64 Aug 19	53¾ Jan 3	64 Aug 19
10	850	Minn Pwr & Lt Co (Un)	*	--	--	--	--	--	--	a-- ------	a-- ------	42¼ Feb 25	43½ Apr 11
33	3,037	Mission Development (Un)	5	--	--	--	--	--	--	a-- ------	a-- ------	31 Apr 17	34¼ July 17
1,073	17,953	Miss River Fuel Corp	10	38¼	Sale	--	--	--	--	37¾ Aug 13	40 Aug 22	37¾ Aug 13	42⅝ Mar 8
8,039	60,156	Monogram Precision Indus	1	1⅝	Sale	1½	Sale	1⅜	1½	1⅜ Aug 5	1½ Aug 1	1⅜ Apr 8	1⅞ Jan 22
3,006	33,520	Monsanto Chemical (Un)	2	--	--	--	--	--	--	50⅝ Aug 6	54⅞ Aug 26	49½ Jan 3	54⅞ Aug 26
63	2,983	Montana-Dakota Util (Un)	5	--	--	--	--	--	--	a-- ------	a-- ------	39½ Jan 4	42⅝ Apr 8
1,253	8,939	Montana Power Co	*	--	--	--	--	--	--	36⅞ Aug 13	38¾ Aug 23	36¾ July 5	39¾ July 5
10,684	141,649	Montgomery Ward (Un)	*	--	--	37½	Sale	--	--	36⅞ Aug 2	39⅝ Aug 16	32⅞ Jan 3	41½ Jun 12
610	45,350	Motorola Inc (Un)	3	--	--	--	--	--	--	74½ Aug 9	76⅞ Aug 12	61 Apr 18	76⅞ Aug 12
162	3,938	Mt Diablo Co	1	5¾	6	--	--	--	--	a-- ------	a-- ------	5¾ Jan 3	7¾ July 22
17,467	66,684	National Airlines Inc	1	--	--	34¾	Sale	41¼	Sale	34 Aug 1	41¼ Aug 30	23 Jan 18	41¼ Aug 30
1,469	11,284	National Biscuit Co	5	--	--	--	--	--	--	52½ Aug 2	55⅜ Aug 27	44 Jan 4	55⅜ Aug 27
2,220	15,844	Nat'l Cash Register (Un)	5	--	--	--	--	70½	Sale	68⅛ Aug 6	70¾ Aug 29	66 July 26	81 Jan 3
55	2,570	National City Lines Inc	1	--	--	--	--	--	--	a-- ------	a-- ------	22½ Jan 8	27½ Jun 20
5,358	62,114	Nat'l Distillers & Chemical Corp (Un)	5	24⅜	Sale	25¼	Sale	25⅜	Sale	25 Aug 9	25¾ Aug 15	24 Feb 28	26¼ Apr 9
966	22,062	National Gypsum Co (Un)	1	40¾	Sale	--	--	--	--	46¼ Aug 16	47⅛ Aug 6	40¾ Jan 2	49⅝ Apr 30
10	325	National Linen Serv com	1	--	--	--	--	--	--	a-- ------	a-- ------	a-- ------	a-- ------
11,056	17,596	Natl Steel Corp (Un)	10	--	--	43¼	Sale	--	--	43¼ Aug 1	50⅞ Aug 23	35⅝ Mar 1	50⅞ Aug 23
26,576	448,779	National General (Un)	1	8	Sale	11⅛	Sale	10	Sale	9⅞ Aug 19	11⅜ Aug 1	8 Jan 2	12⅜ Feb 25
1,240	30,307	Natomas Company	1	7	Sale	--	--	--	--	7½ Aug 15	7⅝ Aug 5	6⅞ Feb 8	9 Apr 15
2,566	20,183	New Eng Elec Syst (Un)	1	24¾	Sale	--	--	28¼	Sale	27¼ Aug 8	28¼ Aug 30	24¾ Jan 2	28⅜ Apr 29
500	7,625	New Idria Min & Chem	50c	1/8	1/4	--	--	5/8	3/4	5/8 Aug 23	5/8 Aug 23	½ May 3	¾ Jan 7
2,380	14,934	N Y Central RR Co (Un)	*	--	--	--	--	--	--	20⅜ Aug 14	23½ Aug 23	15⅝ Jan 16	23½ Aug 23
3,593	25,083	Niagara Mohawk Pow (Un)	*	--	--	53⅝	Sale	--	--	53½ Aug 2	55⅛ Aug 15	46⅞ Jan 7	55⅛ Aug 15
36,123	219,181	Nordon Corp Ltd	*	3⅛	Sale	2.60	Sale	2.65	Sale	2.40 Aug 20	3 Aug 8	2.06 Apr 16	3½ Jan 4
4,125	42,160	Norris Oil Co	1	1.30	1.35	1.20	Sale	1.30	Sale	1.15 Aug 1	1.30 Aug 30	1.05 July 15	1.65 Mar 18

(Un) Admitted to unlisted trading privileges. See page 50 for all other footnotes.

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Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	Pacific Coast Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
2,155	17,168	Norris-Thermador Corp	50c	18⅛	Sale	23	Sale	--	--	22½ Aug 8	23 Aug 1	18⅛ Jan 2	23 Aug 1
8,600	69,544	North Amer Aviation (Un)	1	64½	Sale	55¼	Sale	54⅝	Sale	52 Aug 15	56½ Aug 19	52 Aug 15	64½ Jan 2
1,743	13,254	North Amer Invest com	1	23½	25	25	28	29	31	26½ Aug 9	32⅛ Aug 27	25 Jan 3	32⅛ Aug 27
30	1,432	6% preferred	25	--	--	27	--	--	--	27 Aug 7	27 Aug 7	26⅜ Feb 25	27⅛ May 6
400	1,725	North Amer Royalties	1	--	--	--	--	--	--	2 Aug 2	2 Aug 2	1¾ Jan 23	2 Aug 2
3,928	42,293	Northern Pacific (Un)	5	--	--	--	--	--	--	46⅞ Aug 5	48¾ Aug 15	39⅛ Jan 17	48¾ Aug 15
15,204	68,912	Northrop Corp Inc	1	23	Sale	21⅜	Sale	22	Sale	20¼ Aug 16	22⅝ Aug 26	20¼ Aug 16	25⅛ Jan 18
49,337	241,297	Occidental Petroleum	20c	20¾	Sale	28⅜	Sale	32⅞	Sale	27⅞ Aug 6	33 Aug 22	19⅝ Mar 1	33 Aug 22
640	8,506	Ohio Edison (Un)	15	--	--	--	--	--	--	49⅛ Aug 14	50½ Aug 20	46¼ July 26	50¾ Feb 13
8,016	50,522	Olin Mathieson Chemical	5	--	--	--	--	42¾	Sale	40¼ Aug 5	43¾ Aug 15	32¼ Jan 3	44⅛ Jun 24
1,215	17,746	Outboard Marine Co	30c	--	--	12	Sale	--	--	11⅛ Aug 26	12 Aug 1	11⅛ Aug 26	15¼ Jan 11
1,520	13,035	Owens-Illinois Glass	6.25	--	--	--	--	--	--	81 Aug 7	82⅜ Aug 15	72¾ Jan 24	84¾ July 10
70	610	Pacific American Corp	5	17¾	18¼	16½	17	18⅜	18⅞	a-- ------	a-- ------	16 July 16	17¾ Apr 1
4,491	31,040	Pac Cement & Aggregates	5	12½	13	14¾	Sale	15¾	16	14½ Aug 1	16¼ Aug 20	13 Mar 14	16¼ Aug 20
1,322	21,794	Pacific Clay Products	8	25	26	34½	35¼	33	33⅝	33½ Aug 15	34½ Aug 6	25 Jan 3	37 July 9
		Pacific Gas & Electric—											
52,047	397,798	Common	10	32¼	Sale	31⅜	Sale	33⅞	Sale	31¼ Aug 2	33⅞ Aug 29	31 July 24	34½ Jan 28
4,226	43,254	6% 1st preferred	25	32⅞	33¼	33	Sale	33	33¼	33 Aug 1	33¼ Aug 19	32⅝ Feb 8	34⅞ Jan 21
1,873	13,415	5½% 1st preferred	25	29	29⅜	29¾	30¼	29¾	Sale	29⅝ Aug 5	30¼ Aug 28	29¼ Jan 10	31 May 28
575	1,892	5% 1st preferred	25	27	Sale	27⅞	28½	28¼	29	28⅛ Aug 5	28⅛ Aug 5	27 Jan 2	28⅛ Mar 5
1,034	12,057	5% red 1st preferred	25	26¾	27¼	26⅞	27¼	26⅜	26¾	26½ Aug 26	27 Aug 2	26½ Aug 26	27⅜ Feb 4
447	5,954	5% red pfd ser A	25	26¾	27¼	27⅛	27⅜	26¾	27¼	a-- ------	a-- ------	26¾ Feb 18	27¼ Jan 17
83	1,211	4.80% red 1st pfd	25	26½	27⅛	26⅜	27	26⅞	27⅜	a-- ------	a-- ------	26¼ Feb 11	26⅝ July 24
350	2,522	4.50% redeemable pfd	25	24¾	25½	24¾	25¼	24⅝	25	24¾ Aug 29	25⅛ Aug 14	24¾ Aug 29	25½ Apr 1
11	2,155	4.36% red 1st pfd	25	23½	24½	24⅛	24⅞	24⅜	25⅛	a-- ------	a-- ------	24⅜ Feb 20	24⅞ Apr 4
1,138	17,634	Pacific Industries Inc	2	4⅛	Sale	4⅛	4⅜	4⅛	4⅜	4⅛ Aug 5	4⅜ Aug 7	3½ May 22	4⅞ Feb 7
		Pacific Intermountain											
4,088	45,120	Express Co	2	--	--	17¼	Sale	--	--	16¾ Aug 8	17⅝ Aug 16	16½ Mar 25	20 Apr 24
10,510	156,871	Pacific Lighting Corp com	*	60	Sale	58⅜	Sale	59	Sale	58⅜ Aug 1	59¾ Aug 21	53⅞ May 1	63⅛ Jan 18
----	98	$4.75 preferred	*	101½	102¾	103	104½	101	104	-- ------	-- ------	102 May 2	104½ Jan 28
----	66	$4.75 convertible pfd	*	155½	--	148¾	--	150	157	-- ------	-- ------	142 May 8	144 Mar 27
5	722	$4.50 preferred	*	99	100½	101½	103¼	98½	102	a-- ------	a-- ------	99¼ Jan 10	100¾ Mar 14
5	105	$4.40 dividend pfd	*	--	--	97	98¾	95	98½	a-- ------	a-- ------	100¾ Mar 6	100¾ Mar 6
----	274	$4.36 preferred	*	94¾	96½	96	97¾	95½	98½	-- ------	-- ------	95 Jan 14	97½ Apr 18
670	4,020	Pacific Northern Airlines	1	2⅞	3⅛	3¼	3½	3⅝	4	3⅜ Aug 12	3⅝ Aug 14	3⅛ Apr 16	3¾ Jun 12
		Pacific Northwest Bell											
7,473	50,267	Telephone Co	11	23¼	23¾	23¾	Sale	24¼	Sale	23½ Aug 22	25 Aug 16	22¾ Jun 19	26½ Feb 19
4,850	96,816	Pac Oil & Gas Devel	33⅓c	4⅛	Sale	2.70	Sale	3⅛	Sale	2.70 Aug 1	3¼ Aug 29	2.25 Apr 29	6 Mar 11
6,601	53,865	Pacific Petroleums Ltd	1	10⅞	11¼	11¼	Sale	11½	11⅞	10⅞ Aug 12	12½ Aug 16	10⅝ Mar 1	14½ May 13
300	1,370	Warrants		5¾	6⅛	5¾	6¼	6¼	6¾	6¼ Aug 26	6¼ Aug 26	6¼ Jan 10	8¼ May 14
		Pacific Tel & Tel—											
8,359	85,166	Common	14 2/7	31¾	Sale	32	Sale	32¾	Sale	32 Aug 1	33⅜ Aug 16	30⅞ July 19	35 Apr 25
5	307	6% preferred	100	--	--	--	--	--	--	a-- ------	a-- ------	144½ July 11	155½ Apr 24
3,140	52,280	Packard-Bell Electronics	50c	9½	Sale	--	--	13	Sale	11⅞ Aug 21	14⅛ Aug 5	9½ Jan 2	15 Jun 12
15,521	125,709	Pan Amer World Air (Un)	1	--	--	40	Sale	45	Sale	38⅞ Aug 1	45 Aug 30	21⅝ Jan 7	45 Aug 30
		Panhandle Eastern Pipe											
945	1,716	Line Co	*	--	--	--	--	72	Sale	72 Aug 30	72 Aug 30	69⅜ July 23	77⅞ Jun 11
2,777	22,880	Paramount Pictures (Un)	1	--	--	--	--	51¾	Sale	43¼ Aug 7	51¾ Aug 30	36 Jan 18	51¾ Aug 30
52,566	135,546	Parke Davis & Co	*	--	--	26¼	Sale	32¾	Sale	25¾ Aug 5	34 Aug 12	24⅝ Mar 6	34 Aug 12
3,263	7,465	¶Pendleton Tool Indus	1	--	--	--	--	16¼	Sale	15⅞ Aug 5	16⅝ Aug 21	15⅞ Aug 5	19¼ May 1
14,258	54,379	Penney (J C) Co (Un)	1	46¼	Sale	40⅝	Sale	45⅝	Sale	40⅝ Aug 1	46 Aug 30	40⅛ July 31	49⅞ Apr 25
16,172	79,174	Pennsylvania RR Co (Un)	10	--	--	--	--	21⅞	Sale	18⅛ Aug 2	21⅞ Aug 30	13¾ Feb 4	21⅞ Aug 30
880	11,509	Pepsi Cola Co (Un)	33⅓c	--	--	--	--	--	--	56¼ Aug 20	57¼ Aug 27	46¼ Jan 2	57¼ Aug 27
9,239	38,733	Permanente Cement Co com	1	--	--	16¾	Sale	17⅛	Sale	16¾ Aug 1	17⅜ Aug 27	13⅝ Mar 25	17⅜ Aug 27
295	3,004	5% conv preferred	50	--	--	--	--	--	--	54½ Aug 15	54½ Aug 15	51⅜ Mar 15	54¾ Jan 14
6,717	14,048	Petrolane Gas Service	1	--	--	--	--	25	Sale	24¼ Aug 14	25½ Aug 12	23⅞ July 9	28¾ May 2
3,069	27,407	Pfizer (Chas) & Co (Un)	33⅓	--	--	--	--	--	--	49 Aug 12	55 Aug 29	48 July 24	55 Aug 29
2,719	38,248	Phelps Dodge (Un)	12½	--	--	--	--	62⅜	Sale	60½ Aug 16	62½ Aug 5	53⅛ Mar 7	62½ July 31
6,590	29,708	Philip Morris & Co (Un)	5	--	--	--	--	--	--	75 Aug 16	78½ Aug 7	73 Mar 5	90 Apr 23
		Philippine Long Distance											
1,680	1,749	Telephone Co	10p	--	--	5⅞	Sale	5	5½	4⅞ Aug 21	6 Aug 2	4⅞ Aug 21	6 Aug 2
8,598	60,289	Phillips Petroleum	5	--	--	--	--	53⅞	Sale	51¼ Aug 2	53⅞ Aug 30	47⅝ Jan 15	55½ Jun 7
16,269	40,346	Polaroid Corp	1	--	--	169	Sale	--	--	169 Aug 1	202¾ Aug 23	120⅝ May 6	202¾ Aug 23
1,925	26,849	Procter & Gamble (Un)	*	--	--	72½	Sale	78⅞	Sale	72 Aug 2	79¼ Aug 15	70½ Mar 11	79¼ Aug 15
1,089	22,800	Pullman Inc (Un)	*	--	--	--	--	--	--	27 Aug 8	29 Aug 23	23¾ Jan 3	31¼ May 15
15,751	74,517	Pure Oil Co (Un)	5	--	--	--	--	46½	Sale	43½ Aug 22	47½ Aug 27	36½ Jan 11	47½ Aug 27
9,467	138,627	Radio Corp of Amer (Un)	*	21½	Sale	67½	Sale	72⅞	Sale	67½ Aug 1	72⅞ Aug 30	56⅝ Jan 3	74⅛ Jun 13
6,564	49,642	Rayonier Inc	1	28¼	Sale	--	--	32¼	Sale	28⅞ Aug 7	32⅜ Aug 29	21½ Jan 2	32⅜ Aug 29
4,828	43,403	Raytheon Co (Un)	5	3¼	3⅝	--	--	--	--	19½ Aug 28	22 Aug 12	19½ Aug 28	30½ Jan 8
5,935	19,982	Reeves Industries Inc	5c	--	--	3⅞	Sale	4¼	Sale	3⅞ Aug 1	5½ Aug 13	2⅞ Jun 10	5½ Aug 13
2,015	16,692	Republic Aviation Corp	50c	--	--	--	--	--	--	15⅞ Aug 14	16⅛ Aug 6	15¾ Jun 26	18⅜ Feb 27
3,641	36,264	Republic Corp (Un)	50c	34¾	Sale	--	--	9½	Sale	9 Aug 22	9½ Aug 29	7½ Jan 7	10¼ Jun 17
11,686	92,720	Repub Steel Corp (Un)	10	8⅛	Sale	--	--	39¾	Sale	36½ Aug 2	40⅜ Aug 28	34¾ Jan 2	41¼ Apr 16
23,080	353,471	Reserve Oil & Gas Co	1	--	--	8	Sale	8⅜	Sale	8 Aug 1	8½ Aug 30	7⅞ May 2	11⅜ Jan 25
5,999	42,664	Revlon Inc	1	33	Sale	--	--	46⅝	Sale	42 Aug 14	47¼ Aug 27	40½ July 25	48¼ Jan 23
6,163	37,705	Rexall Drug & Chem	2.50	23¾	Sale	38	Sale	40	Sale	38 Aug 1	41¾ Aug 23	29¼ Mar 8	41¾ Aug 23
21,046	158,292	Reynolds Metals (Un)	*	--	--	31	Sale	33⅜	Sale	31 Aug 1	34½ Aug 16	23¾ Jan 2	37⅛ Jun 12
50,776	208,910	Reynolds Tobacco (Un)	5	--	--	37½	Sale	41½	Sale	37½ Aug 1	41½ Aug 30	36¾ July 17	47 May 15
5,135	52,321	Rheem Manufacturing Co	1	18⅝	Sale	14½	Sale	--	--	14½ Aug 1	17⅛ Aug 29	10⅞ Jan 3	17⅛ Aug 29
3,434	49,667	Rhodes Western	25c	2.85	Sale	21¼	Sale	22⅜	22½	21¼ Aug 1	22½ Aug 29	17½ Jan 4	22½ Aug 29
950	42,832	Rice Ranch Oil Co	1	39⅜	Sale	2.25	Sale	2.20	2.40	2.15 Aug 6	2.40 Aug 23	2.05 July 11	2.85 Jan 2
20,704	71,132	Richfield Oil Corp	*	--	--	42⅞	Sale	49¾	Sale	41½ Aug 2	50 Aug 30	39¼ Jan 3	50 Aug 30
895	7,212	Rockwell Stand Corp (Un)	5	--	--	--	--	42½	Sale	42½ Aug 30	42½ Aug 30	34⅞ Jan 3	42¾ Jun 20
3,843	37,168	Rohr Aircraft Corp	1	43½	Sale	--	--	--	--	15⅝ Aug 20	16⅛ Aug 2	15⅝ Aug 20	17⅞ Jan 14
12,665	170,584	Royal Dutch Pet (Un)	20g	16⅝	17⅜	47⅜	Sale	47¼	Sale	46½ Aug 14	48⅞ Aug 6	43½ Jan 2	49¾ May 1
129,611	455,852	Royal Properties Inc	50c	--	--	96c	Sale	86c	Sale	78c Aug 12	1.00 Aug 2	75c Jun 21	1.45 Jan 10
3,604	62,015	Ryan Aeronautical Co	*	9¼	Sale	16¾	17⅛	17⅛	Sale	17 Aug 5	17¼ Aug 6	16⅝ Mar 21	19½ Jan 14
880	22,196	Ryder System, Inc	2.50	--	--	--	--	--	--	12⅛ Aug 26	13 Aug 8	9¼ Jan 2	13⅝ Jun 12
11,429	61,496	Safeway Stores Inc	1.66⅔	--	--	58¼	Sale	62½	Sale	58¼ Aug 1	62¾ Aug 30	45½ Jan 30	62¾ Aug 30
839	3,842	St Joseph Lead (Un)	10	--	--	--	--	--	--	38¼ Aug 16	39¼ Aug 23	25½ Jan 17	39¼ Aug 23
2,533	18,300	St Louis-San Fran Ry (Un)	*	26⅞	Sale	25	Sale	--	--	25 Aug 1	26⅛ Aug 29	19⅞ Jan 4	26½ July 3
2,397	34,720	St Regis Paper Co (Un)	5	--	--	--	--	--	--	28¼ Aug 5	32⅛ Aug 23	26⅞ Jan 2	34⅜ Apr 24
4,750	75,677	San Diego Gas & Electric	10	--	--	--	--	--	--	37⅛ Aug 7	38 Aug 23	35½ Jan 4	39½ Mar 28
138	2,478	5% preferred	20	--	--	--	--	--	--	a-- ------	a-- ------	21¼ July 31	22⅝ Jan 13
15	75	4½% preferred	20	10	Sale	--	--	--	--	a-- ------	a-- ------	a-- ------	a-- ------
18,197	159,957	San Diego Imperial Corp	1	--	--	--	--	13⅜	Sale	11¾ Aug 16	13¾ Aug 29	10 Jan 2	13¾ Apr 15
6,014	61,399	Schenley Indus (Un)	1.40	--	--	--	--	21⅜	Sale	20⅞ Aug 2	21¾ Aug 14	18¾ Jan 3	23⅛ May 21
3,065	19,009	Schering Corp (Un)	1	--	--	36¾	Sale	--	--	35⅞ Aug 7	37⅝ Aug 9	35¾ July 23	43¾ Jan 7
1,212	35,539	SCM Corporation	5	--	--	--	--	--	--	11¼ Aug 2	12⅞ Aug 29	11 July 25	16½ Jan 24
4,954	31,207	Scott Paper	*	17⅛	Sale	--	--	--	--	33⅜ Aug 5	37⅜ Aug 29	31¼ Mar 15	37⅜ Aug 29
14,521	103,433	Seaboard Finance Co	1	75¾	Sale	20	Sale	20¾	Sale	20 Aug 1	21⅜ Aug 15	17⅛ Jan 2	22⅛ Jun 18
12,701	79,479	Sears Roebuck & Co	3	--	--	88¼	Sale	93⅞	Sale	87¾ Aug 5	94¾ Aug 14	74⅛ Jan 17	94¾ Aug 14
1,495	17,447	Servel Inc (Un)	1	3¾	4¼	7⅜	Sale	--	--	7 Aug 13	7⅜ Aug 1	7 Aug 13	11¼ Jan 22
----	2,506	Servomechanisms Inc	20c	--	--	--	--	3⅜	3⅝	-- ------	-- ------	3⅜ Apr 17	5⅛ May 3
140	1,881	Sharon Steel Corp (Un)	*	--	--	--	--	--	--	a-- ------	a-- ------	21¾ May 2	22½ Jan 11
15,727	72,976	Shell Oil Co	1	--	--	--	--	--	--	44 Aug 5	46¼ Aug 20	34⅝ Jan 16	46¼ Aug 20
		Shell Transport & Trading											
372	4,744	Co Ltd (Un)	£1	--	--	--	--	24⅜	Sale	24⅜ Aug 30	24⅜ Aug 30	23 Jan 3	24⅜ May 10
19,483	258,046	Signal Oil & Gas cl A	2	26½	Sale	27½	27⅞	27	Sale	26¾ Aug 29	27¾ Aug 2	25 Apr 10	31⅞ May 22
1,650	2,120	Class B	2	--	--	--	--	--	--	27 Aug 22	27½ Aug 19	27 Aug 22	31 May 21
14,910	97,049	Sinclair Oil Corp	5	35⅜	Sale	45¾	Sale	49⅛	Sale	45⅜ Aug 8	49⅜ Aug 28	35⅜ Jan 2	49⅜ Aug 28
4,887	88,417	Socony Mobil Oil (Un)	15	58½	Sale	--	--	--	--	68⅜ Aug 2	72½ Aug 29	58¼ Jan 21	72½ Aug 29
143	1,048	Southeastn Pub Ser Co	10c	--	--	--	--	--	--	23 Aug 2	23 Aug 2	23 Aug 2	24⅞ Mar 4
		So Calif Edison—											
28,083	276,828	Common	8⅓	31	Sale	31⅜	Sale	33¾	Sale	31¼ Aug 1	34¼ Aug 16	30 July 22	34¼ Aug 16
1,972	4,274	Original preferred	8⅓	--	--	--	--	--	--	29⅛ Aug 5	32 Aug 15	29⅛ Aug 5	32 Aug 15
80	3,169	4.78% preferred	25	26⅛	26¾	26⅛	26⅞	26½	26⅝	a-- ------	a-- ------	26¼ Feb 20	26⅝ Feb 11
476	5,546	4.48% conv pfd	25	81½	Sale	--	--	--	--	a-- ------	a-- ------	81½ Jan 2	85 Jan 8
2,034	18,982	4.32% preferred	25	23¾	24¼	23⅜	23⅞	23⅛	23¾	23½ Aug 2	23⅞ Aug 5	22¼ May 22	24⅜ May 16
113	1,590	4.24% preferred	25	23⅛	23¾	23⅝	24⅜	23⅜	23½	a-- ------	a-- ------	23¾ Feb 18	24⅛ Apr 17
----	175	4.08% preferred	25	22¼	23¼	22½	23¼	--	--	-- ------	-- ------	23¼ Apr 1	23¼ Apr 1

(Un) Admitted to unlisted trading privileges. See page 50 for all other footnotes.

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Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	Pacific Coast Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
		Southern Calif Gas Co—											
2,990	33,529	6% series A preferred	25	32	Sale	32¼	Sale	32⅜	Sale	32⅛ Aug 19	32½ Aug 5	31¾ Jan 7	34 Jan 24
265	4,751	6% preferred	25	31⅞	32¼	32½	Sale	32⅛	32⅜	32½ Aug 1	32½ Aug 1	32 July 17	34¼ Jan 24
3,393	31,328	Southern Calif Petroleum	2	18¼	Sale	18¾	19	18½	Sale	18¼ Aug 14	19 Aug 7	16 Apr 11	19¼ July 31
6,564	27,194	Southern Co (Un)	5	—	—	—	—	55½	Sale	54⅝ Aug 22	55⅝ Aug 19	53 July 1	56⅛ Jan 14
209	4,144	Southern Natural Gas	7.50	—	—	—	—	—	—	51½ Aug 12	52½ Aug 6	43⅞ Jan 4	52½ Aug 6
31,424	246,699	Southern Pacific Co	*	29½	Sale	34½	Sale	36¼	Sale	34½ Aug 1	37⅜ Aug 16	28½ Feb 5	37⅜ Aug 16
512	28,799	Southern Ry Co (Un)	*	—	—	—	—	—	—	65⅛ Aug 19	66⅝ Aug 28	55½ Mar 13	67½ July 10
226	5,270	Southwestern Public Serv	1	—	—	—	—	—	—	a— —	a— —	34⅝ Mar 13	36⅛ Jan 28
33,712	346,492	Sperry-Rand Corp (Un)	50c	13⅜	Sale	15⅛	Sale	15¾	Sale	13⅞ Aug 20	15¾ Aug 30	12⅞ Mar 29	16½ Jun 12
3,420	27,460	Warrants (Un)		—	—	—	—	8¼	Sale	7⅛ Aug 8	8¼ Aug 30	6¾ Mar 26	8⅝ Jan 17
1,920	33,584	Spiegel Inc	*	25⅜	Sale	—	—	—	—	27⅝ Aug 19	28¾ Aug 15	25⅜ Jan 2	32¼ May 16
531	5,158	Standard Brands (Un)	*	—	—	—	—	—	—	a— —	a— —	66 Jan 4	74½ Jun 28
222	2,633	SFC Financial	1	—	—	—	—	—	—	a— —	a— —	14 Jan 17	16 Jun 7
1,848	15,368	Standard Metals Corp	3c	4	4¼	3¾	4	3¾	4	3⅜ Aug 7	4 Aug 13	3⅜ Aug 7	4¾ Jan 28
31,719	302,502	Standard Oil of Calif	6¼	62⅜	Sale	66¼	Sale	66¼	Sale	65⅝ Aug 19	67⅝ Aug 6	61½ Feb 28	69¼ Apr 24
267	1,005	$3.30 conv pfd	*	—	—	—	—	—	—	a— —	a— —	a— —	a— —
4,361	85,127	Standard Oil Co (Ind)	25	47	Sale	61¾	Sale	65	Sale	61¾ Aug 1	65½ Aug 16	47 Jan 2	65½ Aug 16
22,306	217,574	Stand Oil Co (N J) (Un)	7	58½	Sale	70	Sale	71¼	Sale	70 Aug 1	71¾ Aug 6	58½ Jan 2	71¾ Aug 6
820	9,240	Stand Oil Co (Ohio) (Un)	10	—	—	—	—	—	—	65½ Aug 21	67⅛ Aug 8	54¼ Jan 18	67⅛ Aug 8
3,228	41,808	Stanley Warner Corp (Un)	5	21½	Sale	—	—	—	—	21¼ Aug 14	23¼ Aug 26	20½ Mar 29	24⅝ May 24
210	2,319	Statham Instruments Inc	1	—	—	11¾	12¼	11¼	12	11⅜ Aug 15	11⅜ Aug 15	8⅞ Apr 9	12¾ July 8
11,776	64,105	Stauffer Chemical	5	—	—	—	—	35¾	Sale	31¾ Aug 8	36⅝ Aug 19	31¾ Aug 8	38½ Jan 15
3,693	8,903	‖Sterling Drug Inc (Un)	2.50	—	—	27⅛	Sale	29⅛	Sale	26⅞ Aug 2	29¼ Aug 20	24⅞ July 23	29¼ Aug 20
1,310	11,544	Stone & Webster Inc (Un)	1	—	—	—	—	—	—	56½ Aug 2	60¼ Aug 28	51¾ May 21	60¼ Aug 28
33,739	246,988	Studebaker Corp (Un)	1	6¼	Sale	6½	Sale	7⅜	Sale	6⅜ Aug 1	7½ Aug 30	5⅞ May 17	8 Feb 14
4,310	36,542	Suburban Gas (Cal)	1	18¼	Sale	18⅛	Sale	18¾	Sale	17⅞ Aug 12	18¾ Aug 30	17⅝ Mar 6	21½ Apr 18
652	7,954	Suburban Propane Gas	1	25⅛	Sale	—	—	—	—	28¼ Aug 21	29⅜ Aug 5	25⅛ Jan 2	31⅛ May 10
28,564	304,179	Sunray D X Oil Co	1	25½	Sale	35	Sale	—	—	34¼ Aug 22	36¼ Aug 5	25½ Jan 2	36¼ Aug 5
19,040	137,812	Sunset Interna'l Petroleum	1	6½	Sale	6⅛	6⅜	6⅛	Sale	6 Aug 13	6⅝ Aug 16	6 Apr 5	7⅛ Jan 18
14	521	Superior Oil Co (Nev)	25	—	—	—	—	—	—	a— —	a— —	1,310 July 22	1,450 Jun 4
1,025	12,140	Swift & Co (Un)	25	40½	Sale	—	—	—	—	39½ Aug 19	39½ Aug 19	39¼ July 2	44⅜ Apr 10
310	4,241	TelAutograph Corp	1	5⅞	Sale	—	—	—	—	5⅜ Aug 23	5⅜ Aug 23	5 July 16	7½ Jan 25
31,647	347,211	Tenn Gas Transmission	5	18	Sale	20⅛	Sale	20¼	Sale	20 Aug 1	20⅜ Aug 16	17⅞ Jan 2	21⅜ Apr 29
6,964	144,896	Terex Corporation	10c	1.85	Sale	1.85	Sale	1.65	Sale	1.60 Aug 29	1.90 Aug 14	1.55 Jun 13	2.80 Jan 2
11,835	101,908	Texaco Inc (Un)	12½	60¾	Sale	71⅜	Sale	73⅛	Sale	71⅜ Aug 1	74⅛ Aug 28	59⅝ Feb 11	74⅛ Aug 28
10,616	70,232	Texas Eastern Trans	3.50	16½	Sale	18⅜	Sale	19⅛	Sale	18⅛ Aug 6	19⅛ Aug 29	16½ Jan 2	19⅛ Aug 29
451	6,092	Texas Gas Transmission	5	—	—	—	—	—	—	47⅜ Aug 14	47½ Aug 26	42½ Jan 4	47½ Aug 26
10,237	77,043	Texas Gulf Sulphur (Un)	*	—	—	14⅞	Sale	15¼	Sale	14⅞ Aug 1	16¼ Aug 14	13¾ Mar 26	16⅝ Apr 24
5,521	11,601	Texas Instruments (Un)	1	—	—	75⅞	Sale	—	—	74⅞ Aug 2	87 Aug 23	74 July 25	87¾ Jun 4
4,177	44,458	Textron Inc common	50c	29⅞	Sale	35	Sale	38⅝	Sale	35 Aug 1	38⅞ Aug 15	29⅝ Mar 20	38⅞ Aug 15
2,935	13,470	Warrants		13¼	14	12¾	13¼	13¾	14¼	13¾ Aug 6	16 Aug 14	12 Feb 27	16⅛ Jun 7
—	525	$1.25 conv preferred	*	—	—	—	—	—	—	— —	— —	33¾ Jan 11	33¾ Jan 11
3,481	41,167	Thiokol Chemical (Un)	1	27¾	Sale	20½	Sale	22⅛	Sale	20½ Aug 1	22¼ Aug 15	20 July 23	29¼ Jan 4
561	10,690	Thompson Ramo Wooldridge	5	—	—	—	—	—	—	50⅞ Aug 27	50⅞ Aug 27	50⅞ Aug 27	58¼ Jan 21
3,424	20,334	Thriftimart Inc	1	22	22½	22¼	Sale	—	—	22¼ Aug 1	23½ Aug 15	21½ Mar 5	24¾ Jan 14
3,594	61,118	Tidewater Oil Co com	10	22	Sale	26	Sale	26¼	Sale	25 Aug 20	26¾ Aug 14	19¾ Mar 4	27⅞ July 12
320	7,650	$1.20 preferred	25	—	—	—	—	—	—	25⅛ Aug 23	25¼ Aug 7	25 Jan 8	25⅜ Mar 26
45	596	Tishman Realty & Const'n	1	—	—	—	—	—	—	a— —	a— —	17⅝ Jun 13	18 Jan 30
10,210	29,137	Trans World Airlines Inc	5	—	—	18⅞	Sale	23	Sale	18⅝ Aug 1	23 Aug 30	10½ Jan 30	23 Aug 30
1,543	5,762	Warrants		—	—	—	—	—	—	9⅝ Aug 13	11¼ Aug 14	4⅛ Feb 1	11¼ Aug 14
3,741	40,291	Trans World Financial	1	—	—	—	—	—	—	16⅛ Aug 2	18⅞ Aug 29	16⅛ Aug 2	22½ Apr 15
11,180	91,863	Transamerica Corp com	2	45	Sale	52½	Sale	54⅝	Sale	52 Aug 1	54¾ Aug 16	44½ Jan 3	54¾ Aug 16
556	4,142	4½% conv preferred	100	—	—	—	—	—	—	159 Aug 23	160 Aug 29	150 Apr 26	160 Aug 29
15,632	80,578	Trico Oil & Gas	50c	2.40	Sale	2.35	2.40	2.85	Sale	2.35 Aug 5	2.85 Aug 28	2.30 May 3	3.00 May 16
1,047	15,267	Tri-Continental Corp (Un)	1	43	Sale	—	—	—	—	46 Aug 12	48 Aug 29	42¾ Mar 1	48 Aug 29
350	5,995	Warrants (Un)		—	—	—	—	—	—	37½ Aug 20	39 Aug 29	32⅞ Mar 5	40 Jun 4
3,244	33,422	Twentieth Century-Fox Film Corp (Un)	1	—	—	—	—	33⅜	Sale	29⅞ Aug 5	33⅜ Aug 30	21½ Jan 4	36⅞ Jun 3
1,381	10,388	Unilever NV "N Y shares"	*	38	Sale	—	—	49½	Sale	47¼ Aug 14	49½ Aug 30	38 Jan 2	49⅝ Jun 4
1,124	11,396	Unilever Ltd "Adrs"	*	—	—	—	—	—	—	24⅝ Aug 13	27 Aug 23	21⅞ Jan 21	27 Aug 23
5,572	34,372	Union Carbide Corp	*	—	—	—	—	—	—	106 Aug 8	109⅝ Aug 26	102⅛ July 22	112¼ May 16
1,167	7,154	‖Union Elec of Mo (Un)	5	—	—	—	—	—	—	27¼ Aug 6	29⅛ Aug 23	27 Jun 18	29⅛ Aug 23
10,087	86,320	Union Oil Co of Calif	25	63⅛	Sale	—	—	82⅜	Sale	74⅜ Aug 2	83⅜ Aug 29	60 Jan 24	83⅜ Aug 29
7,025	66,052	Union Pac Ry Co (Un)	10	33½	Sale	39⅜	Sale	40⅛	Sale	39⅜ Aug 1	40½ Aug 29	33½ Jan 2	41⅞ May 31
2,393	44,674	Union Sugar Co	5	23	Sale	27¾	Sale	28¼	28¾	27½ Aug 2	29 Aug 23	23 Jan 2	33½ May 3
17,062	86,832	United Air Lines Inc	10	—	—	39⅛	Sale	39⅞	Sale	38⅛ Aug 21	40⅝ Aug 14	32⅛ Jan 4	43¼ Jun 21
3,705	32,141	United Aircraft Corp (Un)	5	—	—	—	—	—	—	44⅝ Aug 12	45¾ Aug 6	43¾ July 31	53⅜ Jan 15
75,760	75,760	Rights		—	—	—	—	—	—	1/16 Aug 6	½ Aug 6	7/16 Aug 6	½ Aug 6
—	5,736	United Canso Oil & Gas	1	1	1¼	—	—	1½	1¾	— —	— —	1⅛ May 13	1 7/16 Jun 7
935	3,926	United Corp (Del) (Un)	1	—	—	—	—	—	—	8¾ Aug 21	8¾ Aug 21	8 May 8	8¾ Aug 21
8,584	62,194	United Financial Corp of California	*	—	—	24	Sale	28⅝	Sale	24 Aug 1	28⅞ Aug 28	20⅝ Mar 19	28⅞ Aug 28
2,393	29,073	United Fruit Co (Un)	*	—	—	—	—	—	—	24⅝ Aug 14	25¼ Aug 9	22¾ Jan 4	36 May 22
3,883	35,682	United Gas Corp (Un)	10	36½	Sale	38½	Sale	39⅛	Sale	38½ Aug 1	39¼ Aug 15	35⅝ Mar 18	39⅝ May 3
32,016	255,136	United Industrial Corp com	1	5⅜	Sale	6¼	Sale	6⅛	Sale	6 Aug 1	6½ Aug 12	5 Mar 19	7¼ May 31
6,595	64,982	Series A conv pfd	8.50	5⅞	6	6¾	6⅞	6⅞	Sale	6¾ Aug 6	7 Aug 12	5¾ Jan 11	7¼ Feb 20
11,939	91,228	Warrants		.85	Sale	73c	75c	70c	75c	72c Aug 21	75c Aug 2	72c July 19	98c Feb 11
100	3,592	United Park City Mines Co (Un)	1	—	—	—	—	—	—	1½ Aug 15	1½ Aug 15	1⅛ Jun 28	1½ Aug 15
527	11,973	U S Industries Inc	1	—	—	—	—	—	—	9½ Aug 21	9¾ Aug 28	9½ Aug 21	15¾ Jan 29
512	4,371	U S Natural Gas Corp	1	—	—	—	—	—	—	9¼ Aug 22	10½ Aug 29	6½ Jan 29	10½ Aug 29
1,930	37,664	U S Plywood Corp	1	—	—	—	—	—	—	58¾ Aug 2	60 Aug 27	44¼ Jan 8	60 Aug 27
2,796	23,597	U S Rubber Co (Un)	5	40½	Sale	—	—	—	—	45½ Aug 5	49⅝ Aug 27	40½ Jan 2	49⅝ Aug 27
7,759	86,016	U S Smelting & Refining & Mining Co (Un)	50	51	Sale	88	Sale	95⅞	Sale	88 Aug 1	95⅞ Aug 30	50½ Jan 2	95⅞ Aug 30
32,945	352,167	U S Steel Corp	16⅔	43⅞	Sale	46⅜	Sale	51⅝	Sale	46⅜ Aug 1	52 Aug 29	43⅞ Jan 2	54 Apr 16
3,251	72,448	Universal Match	2.50	—	—	—	—	—	—	16 Aug 12	17⅞ Aug 23	13⅜ Apr 4	20⅜ Jun 13
1,947	24,049	Universal Oil Prods (Un)	1	—	—	33¾	Sale	37½	Sale	33¼ Aug 13	37½ Aug 30	28⅞ Mar 2	42⅜ Jan 8
1,014	8,448	Upjohn Company (Un)	1	—	—	—	—	—	—	40⅛ Aug 12	44 Aug 21	34¾ Jan 22	44 Aug 21
890	27,111	Utah-Idaho Sugar Co (Un)	5	9⅛	9⅝	12¾	13¼	13⅞	Sale	12⅜ Aug 20	13⅞ Aug 30	10⅛ Jan 22	19⅞ May 21
216	3,305	Vanadium Corp of Am (Un)	1	—	—	—	—	—	—	14⅜ Aug 14	14⅜ Aug 14	12¾ July 30	14¾ Jun 10
25,251	107,370	Varian Associates	1	33	Sale	17⅞	Sale	18¼	Sale	16½ Aug 7	18⅝ Aug 26	16½ Aug 7	37 Jan 14
16,014	34,771	Victor Comptometer Corp	1	—	—	—	—	10½	Sale	8¾ Aug 5	10⅝ Aug 30	8½ July 22	11½ Feb 11
3,100	14,140	Victor Equipment Co	1	25⅝	26⅛	25	Sale	26½	28½	24½ Aug 2	31 Aug 20	23¾ July 19	31 Aug 20
710	1,620	Virginia-Carolina Chemical	*	—	—	—	—	—	—	70¼ Aug 7	74½ Aug 12	41½ Jan 4	74½ Aug 12
—	267	5% prior preferred	50	—	—	—	—	—	—	— —	— —	42¾ Jan 16	42¾ Jan 16
240	290	Va Iron Coal & Coke Co	2	—	—	—	—	—	—	12¼ Aug 21	12¼ Aug 21	12¼ Aug 21	12¼ Aug 21
3,963	50,264	Vons Grocery Co	1	—	—	24¼	Sale	26¾	Sale	24¼ Aug 1	26¾ Aug 30	21½ Jan 16	28 May 14
2,371	13,858	Warner Bros Pict (Un)	1.25	14¼	Sale	—	—	—	—	13⅛ Aug 2	14⅝ Aug 6	13 Mar 20	15⅞ Jun 14
990	10,699	Washington Water Power	*	47½	48	49⅝	50⅛	49⅝	50¼	49 Aug 27	50⅛ Aug 8	47¾ July 18	50½ Jan 41
2,026	31,177	Wesco Financial Corp	1	—	—	—	—	—	—	42¾ Aug 2	48⅝ Aug 28	39¼ Feb 28	52¼ Apr 15
243,589	1,022,498	Westates Petrol common	1	4½	Sale	5⅛	Sale	6½	Sale	5⅛ Aug 1	6⅝ Aug 23	3 May 17	6⅝ Aug 23
1,805	12,917	5% preferred	10	6⅝	7	7	7½	7¼	Sale	7 Aug 2	7⅞ Aug 7	5¾ Mar 14	7⅞ Aug 7
9,128	75,861	Western Air Lines	1	—	—	53⅜	Sale	60½	Sale	52 Aug 1	60½ Aug 30	28¼ Jan 17	60½ Aug 30
14,940	136,090	Western Bancorporation	2	32¼	Sale	40	Sale	41¾	Sale	39¾ Aug 1	42½ Aug 15	31⅝ Jan 17	42½ Aug 15
1,263	7,246	Western Pacific RR Co	1	—	—	—	—	35¾	Sale	35¼ Aug 7	36¾ Aug 12	31 Jan 10	38½ May 22
6,792	49,829	Western Union Tel (Un)	2½	—	—	27½	Sale	30⅛	Sale	27½ Aug 1	30½ Aug 28	25¾ July 1	32⅝ Apr 10
2,156	22,935	Westinghouse Air Brake Company (Un)	10	—	—	—	—	—	—	29¼ Aug 27	29⅞ Aug 16	26¼ Jan 7	32 May 16
17,202	152,626	Westinghouse Electric	6.25	32⅛	Sale	34¼	Sale	37⅛	Sale	34¼ Aug 1	37⅛ Aug 30	32 Jan 2	38¾ Jun 5
277	6,284	Wheeling Steel Corp (Un)	10	—	—	—	—	—	—	29⅛ Aug 5	29⅛ Aug 5	29⅛ Aug 5	34¾ Apr 15
38,555	441,460	Williston Basin Oil Exploration (Un)	10c	.90	Sale	73c	Sale	69c	70c	56c Aug 6	73c Aug 1	50c May 3	95c Jan 18
4,871	5,487	Wilson & Co Inc (Un)	*	—	—	—	—	—	—	37 Aug 7	38½ Aug 23	37 Aug 7	38½ Aug 23
1,929	25,834	Woolworth (F W) (Un)	10	—	—	—	—	—	—	68 Aug 6	70 Aug 23	63 Feb 13	75⅜ Apr 15
112	5,676	Worthington Corp (Un)	10	—	—	—	—	—	—	a— — —	a— — —	27¾ Jan 4	34¼ May 27
6,828	14,177	Xerox Corp com (Un)	1.25	—	—	—	—	—	—	237 Aug 8	274 Aug 26	201¼ Jun 25	274 Aug 26
2,156	20,479	Youngstown Sheet & Tube Company (Un)	*	—	—	—	—	—	—	107 Aug 8	120 Aug 29	87½ Jan 18	120 Aug 29
8,945	68,778	Zenith Radio (Un)	1	55	Sale	61¼	Sale	64½	—	61¼ Aug 1	65⅛ Aug 26	51⅛ Mar 19	68 Jun 12

*No par value. ‡This issue was either split or a stock dividend was paid during year 1963. The volume and the range shown here is simply the trading and the range for the new shares. ‖This issue, the primary market of which is on the New York Stock Exchange or the American Stock Exchange, was either split or exchanged during the year 1963, the details of the basis of exchange can be found in the footnote on page 29 or 96 of this record. a Odd-lot sale. r Cash sale. (Un) Admitted to unlisted privileges. x Ex-dividend. y Ex-stock dividend. z Ex-liquidating distribution.

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Boston Stock Exchange

Monthly and Yearly Record

RANGE OF PRICES ON THE BOSTON STOCK EXCHANGE

Stock Sales—	1963	1962	Stock Sales—	1963	1962
August (Shares)	416,502	354,768	Jan. 1 to Aug. 31 (Shares)	3,643,138	3,588,467

Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	Boston Stock Exchange STOCKS	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Aug. 1 Opening or Ask	Aug. 30 Closing or Bid	Aug. 30 Closing or Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
		LISTED ISSUES											
1,164	9,077	American Agric Chemical	*	23⅜	23⅞	47½	48	47¾	48¼	46⅜ Aug 20	48 Aug 8	22⅝ Jan 16	48 Aug 8
1,517	39,577	American Motors	1.66⅔	15⅞	Sale	17⅜	18	17¾	Sale	17⅜ Aug 8	18¼ Aug 26	15⅞ Jan 2	23 Feb 14
16,531	142,158	American Tel & Tel	33⅓	117⅛	Sale	120½	Sale	124	Sale	119⅝ Aug 5	125⅛ Aug 19	114½ Jan 2	126¼ May 1
1,322	10,396	Anaconda Co	50	40½	Sale	46½	Sale	49¾	Sale	46⅜ Aug 2	50 Aug 29	40½ Jan 2	54⅛ Jun 6
2,868	22,345	Boston Edison Co.	10	35⅞	36⅛	43⅛	Sale	43¼	Sale	41⅞ Aug 7	43¼ Aug 30	36⅛ Jan 3	43⅜ Jun 7
20	247	Boston Garden Arena Corp	1	--	--	4¾	5¼	4¾	5¼	5¼ Aug 28	5¼ Aug 28	4¾ Jun 18	5¼ May 7
539	3,843	Boston Personal Prop Tr	*	57¼	Sale	67¼	67¾	69	72	68½ Aug 9	71 Aug 28	56¾ Jan 2	71 Aug 28
234	1,041	Boston & Providence RR	100	--	40	31	35	40	Sale	31 Aug 12	40 Aug 30	29⅞ May 30	44 Mar 5
771	2,179	Calumet & Hecla	5	11½	12	12¼	Sale	14⅜	14¾	12¼ Aug 1	14¾ Aug 22	11¼ May 7	14¾ Aug 22
1,273	9,328	Cities Service Co	10	55⅜	55⅞	70¾	Sale	68	Sale	67¾ Aug 27	72⅛ Aug 2	55¾ Jan 3	72⅛ Aug 2
427	3,444	Copper Range Co	5	16⅜	Sale	21¼	Sale	23¼	23¾	21¼ Aug 1	22⅜ Aug 27	16⅜ Jan 2	24¾ May 13
618	7,304	Eastern Gas & Fuel Assoc— Common	10	46¾	47¼	59¼	59¾	58½	59	58½ Aug 28	60¾ Aug 13	48¼ Jan 7	63 July 10
		Eastern Massachusetts Street Ry—											
689	1,679	Common	100	⅞	1⅛	½	⅝	½	1	45c Aug 2	75c Aug 26	45c Aug 2	1 Jan 16
270	2,288	6% 1st pfd series A	100	35½	40	30⅝	33½	33⅝	39	30⅝ Aug 13	34½ Aug 23	28½ Apr 25	37 Jan 23
323	1,164	6% preferred B	100	16	22	18	20	18½	22	18 Aug 5	19 Aug 19	15 Mar 29	20 Jan 8
438	2,419	5% pfd adjustment	100	10¼	12	8½	10	10⅛	11	8¼ Aug 2	11 Aug 23	7⅜ Jun 12	11½ Feb 5
974	11,212	First National Stores	*	50¾	Sale	53⅞	Sale	57¼	57¾	53¾ Aug 1	58⅜ Aug 27	50¾ Jan 2	60¼ Jun 26
5,013	63,714	Ford Motor Co	2.50	45¾	Sale	50¾	Sale	53⅜	Sale	49¾ Aug 1	54¼ Aug 26	41⅞ Feb 28	56⅛ Jun 7
5,696	48,905	General Electric Co	5	76⅛	Sale	77⅝	Sale	81¼	Sale	77⅝ Aug 1	82 Aug 19	71½ Mar 6	84½ May 31
9,656	89,258	Gillette Company	1	30⅞	Sale	34⅛	Sale	39	Sale	34⅛ Aug 1	41⅛ Aug 26	28 Jan 11	41⅛ Aug 26
2,262	8,920	Island Creek Coal Co	50c	19¾	20¼	25¼	Sale	27¾	Sale	25 Aug 2	30 Aug 22	20¼ Jan 3	30 Aug 22
1,663	13,147	Kennecott Copper	*	66⅝	67⅛	72⅛	Sale	74	Sale	71⅝ Aug 5	74 Aug 30	67⅞ Jan 3	79 May 1
----	390	Loew's Boston Theatre	25	14⅞	--	15	--	15	--	-- ------	-- ------	14⅜ Mar 5	15¼ Jan 30
1,285	20,312	Lone Star Cement Corp	10	18⅜	Sale	19⅞	20⅛	21	Sale	19¾ Aug 9	21 Aug 30	18⅜ Jan 2	23⅛ May 27
----	167	Maine Cent RR 5% pfd	100	94	--	92	101	90¾	101	-- ------	-- ------	92½ Jun 18	107 Feb 8
800	11,841	Narragansett Rac'g Assn	1	9	9¾	11¾	Sale	10	Sale	10 Aug 30	11¾ Aug 1	9½ Jan 3	14¼ Apr 25
5,855	49,304	New England Elec System	1	24⅞	Sale	27	Sale	28⅛	Sale	27 Aug 1	28¼ Aug 30	24⅝ Jan 2	28½ Apr 29
2,719	21,814	New England Tel & Tel	20	43½	Sale	54¼	Sale	51⅞	Sale	51⅞ Aug 30	54¾ Aug 5	43½ Jan 2	55 July 31
17,942	17,942	Rights		--	--	--	--	9/16	Sale	17/32 Aug 21	1⅛ Aug 22	17/32 Aug 21	1⅛ Aug 22
16	750	Northern RR (N H)	100	66	69	78½	85	82	85	79½ Aug 12	80 Aug 5	68 Feb 7	85 Jun 12
903	5,691	Olin-Mathieson Chemical	6	31⅝	Sale	40½	Sale	43	Sale	40½ Aug 1	43⅝ Aug 15	31⅝ Jan 2	44½ Jun 24
3,376	13,443	Pennsylvania RR	50	13⅜	13⅞	18⅛	Sale	21⅝	21⅞	18 Aug 1	21⅝ Aug 28	13¾ Feb 1	21⅝ Aug 28
----	569	Quincy Mining Co	25	24	26	29¼	--	29¾	--	-- ------	-- ------	26½ Mar 13	30 Jun 3
50	182	Reece Folding Machine	2	2¼	3	2¾	3	2¾	3	2¾ Aug 21	2¾ Aug 21	2½ Mar 26	2⅞ Mar 22
103	4,443	Rexall Drug & Chemical Company	2.50	33	33½	37¾	38	39⅞	40⅛	37⅝ Aug 2	40⅞ Aug 26	29⅛ Mar 8	40⅞ Aug 26
878	7,005	Shawmut Association	*	34¾	Sale	39¾	Sale	41	Sale	39¾ Aug 1	41½ Aug 29	37½ Feb 4	42 Feb 15
1,103	18,276	Stop & Shop	1	19¾	Sale	19¾	20½	22¼	Sale	20⅛ Aug 12	22¼ Aug 30	19⅜ July 29	27 Apr 5
416	2,417	Torrington Co (The)	*	57	57¾	68¼	Sale	68½	69	67 Aug 21	69½ Aug 13	58½ Jan 3	73¼ July 3
2,761	36,160	United Fruit Co	*	22	Sale	25⅛	Sale	25	Sale	24⅛ Aug 14	25½ Aug 16	21⅞ Jan 2	30⅛ May 22
2,447	19,377	United Shoe Machinery	25	48¼	Sale	49¼	Sale	49⅛	Sale	48¼ Aug 6	52 Aug 15	47¼ July 15	55¼ Feb 25
1,387	26,160	U S Smelt Ref'g & Mfg Co	50	49½	Sale	86¼	Sale	95⅝	Sale	86¼ Aug 1	95⅝ Aug 30	49½ Jan 2	95⅝ Aug 30
357	1,117	Vermont & Mass Ry Co	100	71	73	84	89	82½	86	82½ Aug 19	85 Aug 22	72 Jan 10	85 Aug 22
150	1,936	Waldorf System Inc	*	6½	7	9	9¼	8⅛	8⅜	8⅛ Aug 28	8⅝ Aug 13	6¾ Feb 21	9 Jun 4
2,877	23,014	Westinghouse Electric	6.25	32¼	Sale	34	34¼	37⅛	Sale	34⅛ Aug 1	36¼ Aug 20	31¾ Jan 3	38⅞ Jun 5
----	----	Wichita River Oil Corp	1	--	--	1½	2	1½	2	-- ------	-- ------	-- ------	-- ------

x Ex-dividend. y Ex-rights

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Pittsburgh Stock Exchange

Monthly and Yearly Record

RANGE OF PRICES ON THE PITTSBURGH STOCK EXCHANGE

Stock Sales—	1963	1962	Stock Sales—	1963	1962
August (Shares)	66,905	58,580	Jan. 1 to Aug. 31 (Shares)	518,507	545,002

Aggregate Sales in August Shares	Sales Since Jan. 1 Shares	Pittsburgh Stock Exchange STOCKS LISTED ISSUES	Par	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	PRICES IN AUGUST Aug. 1 Opening or Ask	PRICES IN AUGUST Aug. 30 Closing or Bid	PRICES IN AUGUST Aug. 30 Closing or Ask	PRICES IN AUGUST Lowest Sale Prices	PRICES IN AUGUST Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
591	4,135	Allegheny Ludlum Steel	1	33⅝	Sale	37⅞	Sale	—	—	37⅛ Aug 1	42½ Aug 26	33⅛ Mar 11	42½ Aug 26
116	649	Apollo Industries Inc	5	7½	8½	12½	13½	10⅝	Sale	10⅝ Aug 30	11⅛ Aug 23	7¼ Mar 15	13½ July 15
376	3,577	Armstrong Cork Co	1	66¾	Sale	—	—	—	—	90¼ Aug 16	94¼ Aug 26	66¼ Jan 7	94¼ Aug 26
705	3,896	Blaw-Knox Co	10	—	—	—	—	26⅛	Sale	25¼ Aug 8	27⅛ Aug 12	25¼ Aug 8	33⅞ Apr 16
550	5,473	Columbia Gas System	10	—	—	—	—	30	Sale	29⅛ Aug 8	30⅜ Aug 23	27 Jan 4	30½ Jun 18
25	25	Continental Com'cial Corp	1	5¼	5⅝	5⅛	5¼	—	—	5½ Aug 19	5½ Aug 19	5½ Aug 19	5½ Aug 19
3,337	28,212	Duquesne Brewing of Pgh	5	8	Sale	8¼	8¾	8¼	8½	8¼ Aug 29	8¾ Aug 9	8 Jan 2	9¾ Jan 21
989	8,279	Duquesne Light Co	5	31⅛	Sale	32⅝	Sale	32⅞	Sale	32½ Aug 2	34⅜ Aug 19	31 Jan 2	34⅜ Aug 19
372	3,858	Equitable Gas Co	8.50	38⅛	Sale	41¼	Sale	—	—	39¾ Aug 7	42¼ Aug 26	38⅛ Jan 2	45⅛ May 15
1,179	6,796	Harbison Walker Refrac	7½	—	—	34⅝	Sale	33⅞	Sale	x33⅞ Aug 6	35 Aug 12	31⅞ Jan 7	37½ May 13
1,440	18,992	Horne (Joseph) Co	*	24	Sale	25⅞	Sale	26	Sale	25⅝ Aug 1	26½ Aug 12	23½ Mar 19	27 Jan 11
80	140	Jeannette Glass 7% pfd	100	92¾	—	90	95¾	90	99	97 Aug 22	97 Aug 22	90½ Apr 17	97 Aug 22
4,011	15,258	McKinney Mfg Co	1	—	—	75c	Sale	70c	—	70c Aug 23	75c Aug 1	50c Feb 1	75c May 17
86	886	Mountain Fuel Supply	10	60c	65c	40	Sale	—	—	39¾ Aug 6	43¼ Aug 16	35 Mar 28	43¼ Aug 16
40	512	Natco Corporation	5	—	—	7¾	Sale	7¼	8¼	7⅝ Aug 14	7¾ Aug 1	7⅝ Aug 14	9⅝ Jan 9
----	350	Penn Federal Corp	*	50c	—	—	1	—	1	— ------	— ------	75c Apr 8	75c Apr 8
10,048	60,515	Pittsburgh Brewing com	1	4½	4¾	4⅝	Sale	4⅝	Sale	4½ Aug 14	4⅞ Aug 21	4½ Jan 9	5 Jan 18
----	----	$2.50 conv preferred	25	35½	—	—	—	—	—	— ------	— ------	— ------	— ------
----	751	Pittsburgh Forgings Co	1	—	—	—	—	—	—	— ------	— ------	15¼ Jan 10	22⅛ May 23
2,372	16,738	Pittsburgh Plate Glass	10	51¾	Sale	55¾	Sale	57¾	Sale	55¾ Aug 1	58¾ Aug 20	51¾ Jan 2	58¾ Aug 20
920	5,607	Rockwell-Standard Corp	5	—	—	—	—	43¼	Sale	42 Aug 2	44 Aug 12	34¼ Jan 2	44 Aug 12
168	1,895	Screw & Bolt Corp of Amer	1	4½	Sale	—	—	—	—	4¼ Aug 5	4⅜ Aug 26	4¼ Aug 5	5¼ Mar 13
480	4,930	United Engineering & Fdy	5	18¼	Sale	—	—	18⅛	Sale	17⅝ Aug 22	18¼ Aug 5	17⅝ Aug 22	20 Apr 30
43	448	Vanadium Alloys Steel Co	5	—	—	—	—	—	—	x31⅜ Aug 6	33¼ Aug 13	29½ Jan 4	36⅜ Apr 15
682	7,650	Westinghouse Air Brake	10	25¼	Sale	—	—	29½	Sale	29⅛ Aug 28	30¼ Aug 7	25¼ Jan 2	31⅞ May 16
4,028	32,285	Westinghouse El Corp	6.25	32	Sale	—	—	37	Sale	34 Aug 2	37¼ Aug 30	31¾ Jan 3	38⅞ Jun 5

* No par. a Deferred delivery sale. r Cash sale. x Ex-dividend. y Ex-rights.

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General Quotations

OF BONDS AND STOCKS

We are publishing under this heading of General Quoations the month-end values for only the Over-the-Counter stock and bond issues.

The values for the Listed issues (either the last sale or the closing bid and asked quotation) can be found in the earlier part of this publication, under the particular exchange the issue is traded.

The following is an index to the different classifications of securities quoted:

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The letter "f" prefixed to bond prices denotes that the quotation is a flat price—that is, that the accrued interest forms part of the price, and therefore the purchaser does not have to provide for it separately in making payment. In the case of income bonds and bonds in default, the price is always "flat," and no designating mark is employed to indicate the fact.

Quotations for guaranteed stocks are "and dividend"; that is, the accrued dividend must be paid in addition to the price.

It should be borne in mind in the use of these tables that the quotations for many inactive Over-the-Counter securities are merely nominal, but in all cases the figures are obtained from sources which are considered reliable.

The following abbreviations are often used, viz: "M" for mortgage, "gtd" for guaranteed, "end" for endorsed, "cons" for consolidated, "conv" for convertible, "sf for sinking fund, "lg" for land grant, "opt" for optional.

The italic type in the letters showing the interest period indicates the *month* when the bonds mature.

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

NOTICE—All bond prices are "and interest" except where marked "f" and income and defaulted bonds

Bonds—	Bid	Ask	Net
OVER-THE-COUNTER RAILROAD BONDS			
Akron Canton & Youngstown—			
Cons mtge 4s ser A 1988 A-O	71	73	
Cons mtge 4½s ser B 1988 A-O	80	84	
Akron Union Passenger Depot—			
1st mtge 4½s ser A 1974 J-J	85	--	
Alabama & Vicksburg Ry—			
1st mtge 5s series A 1974 M-N	99	--	
Albany & Susquehanna RR—			
1st mtge ext 2¾s 1971 A-O	82	88	
Atlanta Knoxville & Northern—			
1st con 4s Mar 1 2002 M-S	83	88	
Atlantic Coast Line RR—			
Irreg ctfs of indebtedness 5s J-D	100	--	
Atlantic & Danville Ry Co—			
1st 3s July 1999	f20	25	
Battle Creek & Sturgis Ry—			
1st guaranteed 3s 1989 J-D	72	--	
Bay City & Battle Creek—			
1st 3s 1989 J-D	72	--	
Bedford Belt Ry—			
1st 2¾s-4¼s Jan 1 1994	f59	63	
Belt Railway Co of Chicago—			
1st mtge 4⅝s ser A 1987 F-A	101	102½	
Boston & Albany 5s Oct 1963 A-O	99¾	--	
4¼s improvement 1978 F-A	71	74	
Canadian National Railway Co—			
Guaranteed bonds (payable in Canadian Currency)			
3s Jan 3 1966 opt '61	89	90	
2¾s Jan 2 1967 opt '64	86½	87½	
5½s Dec 15 1964	94¼	95¼	
4½s April 1 1967	91¼	92¼	
5s May 15 1968	92	93	
2⅞s Sept 15 1969 out '64	82¾	83¾	
2⅞s Jan 16 1971 opt '66	80¾	81¾	
3¾ Feb 1 1974 opt '72	80	82	
5s May 15 1977	89¼	90¼	
4s Feb 1 1981	77½	78½	
5¾s Jan 1 1985	95½	96½	
5s Oct 1 1987	87¾	88¾	
Canadian Pacific Ry—			
Conv coll tr 3⅛s 1970 A-O	80	--	
Conv coll tr 3½s 1966 A-O	87¼	88¼	
Conv coll tr 4s 1969 J-D	85½	86½	
Coll trust 3¾s 1972 M-N	88½	89½	
Coll trust 5s Jan 1983 J-J	85	87	
Chesapeake & Ohio—			
Refunding and impvt mtge—			
2.80s series G-23 1964 F-A	99¼	--	
2.85s series G-24 1965 F-A	98	--	
2.90s series G 25 1966 F-A	96¾	--	
Chicago Great Western Ry —			
3⅞s coll trust 1969 F-A	94	--	
Cinc Indianapolis & Western—			
1st (stp mod) 3-5s 1965 M-N	93	97	
Chicago Union Station Co.—			
1st mtge 4⅝s s f 1988 wi J-D	100	100½	
Serial debs series A—			
3⅞s June 1 1964	b4.00 less ¼		
3⅞s June 1 1965	b4.50 less 1		
3⅞s June 1 1966	b4.50 less 1		
3⅞s June 1 1967	b4.50 less 1		
3⅞s June 1 1968	b4.50 less 1		
Serial debs series B—			
4⅜s June 1 1969	b4.50 less 1		
4⅜s June 1 1970	b4.50 less 1		
4⅜s June 1 1971	b4.50 less 1		
4⅜s June 1 1972	b4.50 less 1		
4⅜s June 1 1973	b4.50 less 1		
Cleveland Terminal & Valley—			
1st 4s gold guaranteed 1995 M-N	65	69	
Connecting Ry (Philadelphia)—			
1st mtge 3⅛s ser A 1976 M-S	72	--	
Delaware Lackawanna & Western—			
Oswego & Syracuse—			
4-6s May 1 1993	34	38	
Utica Chenango & Susquehanna			
Ry Div 1st 3-5s May 1 1992	24	28	
Warren RR 1st ref 3½s 2000 F-A	36	37	
2nd 4-6s May 1 1992	34	38	
Detroit & Toledo Shore Line—			
1st mtge 3¼s series A 1982 J-D	85	--	
Elmira & Williamsport—			
Income 5s 2862 A-O	f87	--	
First RR & Banking Co of Georgia			
Coll trust 5s 1988 F-A	98	--	
5s conv debs 1977 M-S	139	--	
Fonda Johnstown & Gloversville—			
2nd conv income 4½s 2011 Apr	f80	--	
Fort Dodge Des Moines & South—			
1st inc 4s Dec 31 1991 An-May	f36	40	
Fort Street Union Depot Co—			
1st sinking fund 3¾s 1965 J-D	95	98	
Green Bay & Western—			
Debenture certificates A Feb	f78	--	
Debenture certificates B Feb	f17½	19½	
Guayaquil & Quito Ry—			
5s "assented" 1932 J-J	f41	43	
Illinois Terminal RR Co—			
1st mtge 4⅝s ser A 1987 J-D	100½	101½	
Indiana Harbor Belt RR—			
1st mortgage 5⅛s 1982 J-D	92	96	
Jacksonville Terminal—			
1st mtge 3⅜s ser A 1977 J-D	83	--	
Kans City St Louis & Chicago RR—			
1st 4½s May 31 2022	85	--	
Kansas Oklahoma & Gulf—			
1st mtge 3⅝s 1980 M-S	87	--	
Kentucky & Indiana Term RR—			
1st mtge 4⅞s 1986 M-S	101	103	
Lakefront Dock & RR Terminal—			
1st mtge s f 3¾s ser B 1974 F-A	88	--	
Lehigh & Lake Erie RR Co—			
1st 4½s extended 1994 M-S	66	69	
Lehigh Valley RR Co—			
Cons 4½s Apr 1 1989 J-D	67	70	
Louisiana & North West RR—			
General sinking fund 5s 1974 J-J	92	--	
Non-cum income deb 5s 2008 July	f40	--	
Macon Terminal 5s 1965 J-J	99½	--	
Maine Central RR—			
5½s inc debs 2008 M-S	f75½	--	
Maryland & Pennsylvania RR—			
1st extended 2-4s 1981 M-S	90	--	
1st cons ext 2-6s 1993 A-O	90	--	
Mexican International RR—			
1st cons 4s Sep 1977 (1922 ass'nt)			
Stamped Plan B	f26	--	
Sterling 4½s Sep '47 ('22 ass'nt)			
Stamped Plan B	f21	--	
Mohawk & Malone—			
Consolidated gold 3½s 2002 M-S	50	54	
Muskogee Company—			
4½s coll tr s f 1970 A-O	96	--	
National RR of Mexico—			
1st cons 4s Oct 1951			
Plan B	f38½	40½	
6s (formerly 4½s 1926)			
Extended to Jan 1933			
Plan B	f49	52	
National Rys of Mexico—(Cont)			
Prior lien 4½s July 1957			
Plan B	f41	42½	
Sink fund 4s Oct 1977			
Plan B	f38½	40½	
3 mos 6% notes Dec 1913			
Plan B	f40	--	
3 yr 6% $ notes Jan 1914			
Plan B	f25	--	
New Orleans Great Northern—			
Income debentures 5s 2032 J-J	f83	86	
New York Central RR—			
Collateral trust 5¼s 1980 J-J	85	--	
Collateral trust 5¾s 1980 J-J	89	--	
North Pennsylvania RR—			
3½s mortgage 1972 J-D	77	--	
Norwich & Worcester RR—			
1st mtge 4½s ser B 1967 M-S	68	72	
Oswego & Syracuse (see D L & W)			
Penn & N Y Canal & RR—			
Cons 1st extended 4½s 1969 A-O	74	78	
Cons extended 4s 1969 A-O	71	74	
Pennsylvania Company—			
5¼s coll trust 1985 J-D	106	--	
Pennsylvania RR—			
Secured serial bonds—			
4s 1964 J-J	99	--	
Peoria & Pekin Union Ry—			
1st mtge 3⅛s ser A 1975 J-J	79	--	
Phila & Reading Term RR—			
1st sinking fund 3½s 1966 M-S	95	97	
Piedmont & Northern 3¾s '66 J-D	97½	99½	
Portland (Me) Terminal—			
1st mtge 6¼s 1986 F-A	99	100	
Providence & Worcester RR—			
1st mtge 4¾s ser A 1967 A-O	73	78	
Richmond Term 3⅜s 1965 M-S	97	--	
Southern Railway—			
4⅝s due 1988 (now listed NYSE)			
Aiken Branch 4s 1998 J-J	62	--	
Spartanburg Union & Columbia—			
1st 4s 1995 J-J	88	--	
Sturgis Goshen & St Louis Ry—			
1st 3s Dec 1 1989 J-D	72	--	
Toledo Peoria & Western RR—			
1st mtge 4s series B 1967 J-J	97	--	
Toledo Terminal RR—			
1st mtge 4¾s 1982 A-O	95	--	
Union Terminal Co (Dallas)—			
1st mtge 3s 1978 J-D	83	--	
United N J RR & Canal Co—			
1st 4½s Sep 1 1979 M-S	93	--	
Gen mtge 2¾s 1976 M-S	75	--	
Utica Chenango & Susq Ry Div—			
See Del Lack & Western			
Vera Cruz & Pacific RR—			
1st 4½s 1934 Plan B	f38½	40½	
Vicksburg Shreveport & Pacific—			
Ref & imp 5s ser B 1973 M-N	99	--	
Warren RR (see D L & W)			
West Virginia & Pittsburgh—			
1st gold sinking fund 4s 1990 A-O	82	--	
Wheeling & Lake Erie RR—			
Gen & ref M 2¾s ser B 1974 F-A	84	--	
Gen & ref M 2¾s ser C 1974 F-A	84	--	

a Called for redemption, see page 94. b Basis. e Ex-interest. f Flat price. k Last sale. n Nominal. r Canadian dollar value.

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RAILROAD EQUIPMENT TRUST CERTIFICATES

The prices quoted here are the dollar valuations for practically all the outstanding issues. It being impossible to revise these figures each month, the quotations shown are the June 30, 1963, valuations, published on the assumption that little change has taken place in the quoted value of the bonds since that date. For the certificates issued since June 30, the bid prices at the time of issuance are shown. For the serial issues, we are indicating the bid for the lowest, and the bid for the highest maturity.

	June 30, 1963 Bid Price
Alabama Great Southern RR—	
4⅜s series K—	
June 15-Dec 15 1963-1967	100⅛ to 100¾
Ann Arbor Railroad—	
3⅝s series C April 1 1964-72	99⅝ to 94⅛
Atlantic Coast Line RR—	
2½s series J March 1 1964	98⅞ --
2¾s (J 2nd) March 1 1964	99 --
4¼s series K Jan 1 1964-72	100 to 98⅝
4⅝s series L July 15 1964-1975	100⅝ to 101¼
4¼s series M Aug 15 1964-1975	100¼ to 97⅞
4¼s series N (1st part) Jan 1 1964-1977	100 to 97⅞
4⅜s series N (2nd & final) Jan 1 1964-1977	100 to 99
4⅛s series O Aug 15 1964-1977	100⅛ to 96⅛
4s series P Jan 15 1964-1978	99⅞ to 95
4s series Q Mar 1 1964-1978	99⅜ to 95
4⅛s series R Sep 1 1964-1978	100¼ to 98⅞
Baltimore & Ohio RR—	
2½s series AA July 1 1964	98⅜ --
2½s series BB Jan 1 1964-65	99 to 97⅜
3s series CC Sept 1 1963-66	99⅝ to 96⅛
3s series DD March 1 1964-67	99⅛ to 95½
3⅛s series EE June 1 1964-67	99¼ to 96
Series FF—	
3⅛s (1st & 2nd) Dec 1 '63-67	99½ to 95¼
3¼s (3rd inst) Dec 1 1963-67	99½ to 95¾
Series GG—	
1st & 2nd 3¼s Jan 1 1964-71	99⅜ to 92⅛
3rd & 4th 3⅝s Jan 1 1964-71	99⅝ to 94½
4¼s series HH Jan 1 1964-72	99⅞ to 98
4s series II (1st install) Feb 1 1964-72	99¾ to 96⅛
4½s series II (2nd install) Feb 1 1964-72	100⅛ to 99¾
Series JJ—	
4¼s (1st install) Dec 1 1963-1972	100 to 97¾
3¾s (2nd and final) Dec 1 1963-1972	99¾ to 94
Bangor & Aroostook RR—	
2½s series N Dec 1 1963	99¼ --
3¼s of 1952 Apr 1-Oct 1 '63-'67	99¾ to 95⅞
2⅞s of 1954 June 1 1964-1969	98⅞ to 91⅞
2¾s series P of 1954— Nov 1 1963-1969	99½ to 90¾
Boston & Maine RR—	
4½s series I (1st and 2nd) March 1 1964-1971	98 to 70¾
6s series I (3rd install) March 1 1964-1971	99 to 77¾
Central of Georgia—	
3¼s series W May 1 1964-67	99¼ to 96½
3⅜s series X Nov 1 1963-67	99¾ to 96⅝
3⅝s series Y Sep 1 1963-68	99⅞ to 97
2⅞s series Z Aug 1 1964-69	98¾ to 92⅜
3⅛s series A Mar 1 1964-70	99¼ to 93
3¼s ser B Feb 1-Aug 1 1964-71	99¼ to 92¼
4⅝s ser C May 1-Nov 1 1963-71	100⅛ to 101½
5s series D Jun 1-Dec 1 1963-72	100¼ to 104
Central RR of New Jersey—	
2⅝s series A Oct 15 1963	99½ --
2½s of 1950 Apr 1 1964-65	98½ to 96¾
3½s of 1952 Oct 1 1963-67	99⅝ to 95⅞
3⅝s of 1953 Mar 1 1964-68	99⅜ to 95⅝
3⅛s of 1954 Apr 1 1964-69	99 to 90⅝
Central RR of Pennsylvania—	
2⅜s of 1950 Apr 1 1964-65	98½ to 96½
3s of 1951 Aug 1 1964-66	98½ to 95¾
Chesapeake & Ohio Ry—	
2⅛s (3rd 1949) Feb 1-Aug 1 1964	98½ --
2s (4th 1949) May 1-Nov 1 1963-64	99¼ to 98
2⅛s of 1950 Jan 1-July 1 1964-65	98⅝ to 96¾
2⅛s (2nd 1950) Apr 1-Oct 1 1963-65	99⅜ to 96⅜
2⅜s (3rd 1950) Mar 1-Sep 1 1963-65	99½ to 97
2½s (4th 1950) May 15-Nov 15 1963-65	99⅜ to 96⅞
2½s of 1951 Feb 1-Aug 1 1964-66	98¾ to 95¾
2⅞s (2nd 1951) May 15-Nov 15 1963-66	99½ to 96⅜
3s (3rd 1951) Feb 1-Aug 1 1964-66	99¼ to 97
2¾s (4th 1951) Apr 1-Oct 1 1963-66	99½ to 96½
3⅛s (5th 1951) Jun 15-Dec 15 1964-66	99⅝ to 97⅛
2⅞s of 1952 Mar 1-Sep 1 1963-67	99¾ to 95½
2⅞s (2nd 1952) Apr 15-Oct 15 1963-67	99⅝ to 95⅜
2⅞s (3rd 1952) Jun 1-Dec 1 1964-67	99¾ to 95¼
3⅛s (4th of 1952) Mar 1-Sep 1 1963-67	99⅞ to 96⅜
3¼s (5th of 1952) Apr 15-Oct 15 1963-67	99⅞ to 96⅝
Chesapeake & Ohio Ry (Cont'd)—	
3s of 1953 Feb 1-Aug 1 1964-68	99¼ to 95
3¼s (2nd 1953) Apr 1-Oct 1 1963-68	99¾ to 95⅞
3⅝s (3rd 1953) Jan 1-July 1 1964-68	99¾ to 97⅝
3s of 1955 Aug 1 1964-70	99⅛ to 92⅜
3s of 1956 1st install Feb 20 1964-71	99⅜ to 91⅝
3⅜s 2nd of 1956 Jun 4 1964-71	99½ to 93⅞
3⅞s 3rd of 1956 Oct 23 1963-71	99⅞ to 97⅛
4⅛s 3rd of 1956 Oct 23 1963-71	100 to 98⅞
3⅞s of 1957 Feb 25 1964-72	99⅞ to 96⅝
4¼s of 1957 1st install Jun 1 1964-72	100¼ to 99⅜
4⅜s of 1957 2nd & 3rd Jun 1 1964-72	100¾ to 100¼
4½s of 1959 (1st part) 1st install Jun 1 1964-74	100½ to 101
4⅝s of 1959 (2nd and final) Jun 1 1964-74	100⅝ to 102⅛
4¼s of 1960 Nov 1 1963-75	100 to 98¾
4¼s of 1963 Aug 1 1964-78	100½ to 99½
Chicago & Eastern Illinois Ry—	
2⅝s series G Jan 1-July 1 1964	98¾ --
2¾s series H Jun 1-Dec 1 1963-65	99¼ to 96¾
3⅛s series I Feb 1-Aug 1 1964-67	99 to 95¼
3⅝s series J Mar 1-Sep 1 1963-68	99¾ to 95⅞
4⅜s series K Feb 1-Aug 1 1964-72	100 to 96
5s series L July 22 1964-72	100¾ to 100⅜
Chicago & North Western Ry—	
2⅜s (2nd 1948) Nov 1 1963	98⅝ --
2⅜s (1st 1949) Jun 1 1964	98¼ --
2⅜s (2nd 1949) Aug 1 1964	98 --
2¼s of 1950 Apr 1 1964-65	98½ to 96½
2⅝s of 1951 Mar 15 1964-66	98¾ to 95⅝
3s (1st 1952) May 1 1964-67	98⅞ to 95
3⅛s (2nd 1952) July 1 1964-67	98⅞ to 95
3½s (1st 1953) Apr 1 1964-68	99⅜ to 95⅝
3¾s (2nd 1953) Jun 15 1964-68	99½ to 96⅝
3¾s (3rd 1953) Aug 15 1964-68	99⅜ to 96½
2⅞s of 1954 Mar 1 1964-69	99 to 91⅜
2⅞s (2nd 1954) May 1 1964-69	98¾ to 91¼
3⅜s of 1955 July 15 1964-70	99⅛ to 92
3⅝s (1st 1955) Nov 1 1963-70	99¾ to 93¼
3¾s (2nd of '55) Nov 1 1963-70	99¾ to 94
4⅜s of 1956 Jun 15 1964-71	100 to 97¼
5s (2nd of '56) Nov 1 1963-71	100¼ to 101⅜
5⅛s (3rd of '56) Nov 15 1963-71	100¼ to 102¼
5½s of 1957 Mar 15 1964-72	100¾ to 104¼
6s (2nd of '57) July 15 1964-72	101¾ to 108
5¼s (1958 1st & 2nd part) Jan 1 1964-73	100¼ to 102⅜
5¾s (2nd of 1958 1st part) Oct 15 1963-73	100⅜ to 106⅜
5½s (2nd of 1958 2nd part) Oct 15 1963-73	100¼ to 104½
5¼s (2nd of 1958 3rd part) Oct 15 1963-73	100⅛ to 102½
5⅛s of 1959 Jan 15 1964-74	100¼ to 101⅛
5s of 1962 Apr 1 1964-77	100⅜ to 100⅛
4⅝s of 1963 Apr 15 1964-1978	100¼ to 96⅝
Chicago Burlington & Quincy RR—	
2¼s of 1949 Jan 1-July 1 1964	98¾ --
2⅛s of 1950 Mar 1-Sep 1 1963-65	99⅝ to 96½
3¼s of 1953 May 1-Nov 1 1963-68	99⅝ to 95⅞
2⅞s (2nd 1953) May 1-Nov 1 1963-68	99½ to 94⅛
2⅝s of 1954 Jan 1-July 1964-69	99 to 92
2⅝s (2nd 1954) Jun 1-Dec 1 1963-69	99⅜ to 91½
2⅞s of 1955 Jan 5-July 5 1964-70	99⅛ to 92
3⅛s (2nd 1955) Mar 1-Sep 1 1963-70	99¾ to 93¼
3⅛s (No 1 of 1956) Feb 1-Aug 1 1964-71	99¼ to 92¼
3⅞s (No 2 of 1956) May 1-Nov 1 1963-71	99⅞ to 97⅛
3¾s (No 1 of 1957) Mar 1-Sep 1 1963-72	99⅞ to 95⅝
3½s (No 1 of 1958) Feb 1-Aug 1 1964-73	99⅝ to 93⅜
3½s (No 2 of 1958) Apr 1-Oct 1 1963-73	99¾ to 93¼
3⅜s (No 3 of 1958) Jan 1-July 1 1964-73	99⅝ to 92⅜
4⅜s (No 1 of 1959) Feb 1-Aug 1 1964-74	100⅜ to 100
4⅝s (No 2 of 1959) Jan 1-July 1 1964-74	100½ to 102
5s (No 3 of 1959) Mar 1-Sep 1 1963-74	100 to 105¼
4⅝s (No 1 of 1960) Jan 1-July 1 1964-75	100½ to 101⅞
4¼s (No 1 of 1961) Feb 1-Aug 1 1964-76	100¼ to 98¾
4⅛s (No 2 of 1961) Jun 1-Dec 1 1963-76	100 to 97⅝
4⅛s (No 3 of 1961) May 1-Nov 1 1963-76	99⅞ to 97⅝
4⅜s (No 1 of 1962) Mar 1-Sep 1 1963-77	99⅞ to 99½
4s (No 2 of 1962) Jun 1-Dec 1 1963-77	100 to 95⅞
4s (No 1 of 1963) Feb 1-Aug 1 1964-78	100 to 95¾
3⅞s (No 2 of 1963) Jun 1-Dec 1 1963-78	99⅞ to 94¾
4s (No 3 of 1963) Jan 15-July 15 1964-1978	100¼ to 97¼
Chicago Great Western Ry—	
2¾s (2nd 1949) Jan 15-July 1964	98 --
Chicago Indianapolis & Louisv RR	
2⅝s (1st 1949) Mar 1 1964	98¾ --
2¾s of 1951 Mar 1 1964-66	98⅞ to 95⅝
3¼s of 1952 Aug 15 1964-67	98¾ to 95
3¾s (1st 1953) Oct 15 1963-68	99⅝ to 95¾
Chicago Milw St Paul & Pac RR—	
2⅜s series HH Apr 1-Oct 1 1963-64	99½ to 98⅜
2⅛s series JJ Mar 1-Sep 1 1963-64	99½ to 98¼
2¼s series KK Apr 1-Oct 1 1963-64	99⅜ to 98¼
2¼s series LL Jun 1-Dec 1 1963-65	99⅛ to 96⅛
2½s series MM May 1-Nov 1 1963-65	99⅜ to 96¾
2⅞s series OO Apr 1-Oct 1 1963-66	99½ to 96¼
2⅞s series PP Mar 1-Sep 1 1963-67	99⅝ to 95⅛
3⅛s series QQ Mar 1-Sep 1 1963-67	99¾ to 96
3⅛s series RR Jan 1-July 1 1964-69	99¼ to 94
2¾s series SS Jan 1-July 1 1964-69	99 to 92⅛
2⅞s series TT May 1-Nov 1 1963-69	99½ to 92⅜
3⅜s series UU Jan 1-July 1 1964-71	99⅜ to 93⅜
4s series VV (1st inst) Feb 1-Aug 1 1964-72	99⅞ to 96¾
4⅜s series VV (2nd and final instal) Feb 1-Aug 1 1964-72	100¼ to 99½
4⅛s series WW Jan 1-July 1 1964-73	100 to 97⅛
4½s series XX Feb 1-Aug 1 1964-74	100⅜ to 100⅛
4⅞s series YY (1st part) Feb 1-Aug 1 1964-75	100⅜ to 100⅛
4¾s ser YY (2nd & final inst) Feb 1-Aug 1 1964-75	100½ to 102⅛
4s series ZZ Mar 1-Sep 1 1963-76	99¾ to 95⅝
Chicago Rock Island & Pacific RR	
2⅛s series G Jun 1-Dec 1 1963-65	99⅛ to 95⅞
2¾s series J Apr 1-Oct 1 1963-66	99½ to 96
2¾s series K May 1-Nov 1 1963-66	99½ to 95⅞
3s series L Jan 1-July 1 1964-67	99⅛ to 95¾
2¾s series M Apr 1-Oct 1 1963-67	99⅝ to 94⅝
2¾s series N Feb 1-Aug 1 1964-75	98⅞ --
2¾s series O Jan 1-July 1 1964-65	99 to 97⅝
3s series P Jun 1-Dec 1 1963-67	99½ to 95⅜
3⅜s series Q May 1-Nov 1 1963-68	99⅝ to 96
4⅛s series R Jun 1-Dec 1 1963-72	100 to 97⅝
4⅜s series S Feb 1-Aug 1 1964-72	100¾ to 99½
3½s series T Feb 1-Aug 1 1964-73	99½ to 92⅝
4⅛s series U Feb 15-Aug 15 1964-74	100 to 96¾
5s series V Jun 15-Dec 15 1963-74	100¼ to 104½
4½s series W May 15-Nov 15 1963-75	100 to 100⅛
4⅛s series X May 1 1964-75	100 to 96½
4¼s series Y Feb-Aug 1 1964-78	100¼ to 98⅞
Chicago St Paul M & O Ry—	
2⅝s of 1948 Dec 1 1963	99¼ --
3⅛s of 1951 July 1 1964-66	98⅞ to 96⅝
3¼s of 1952 Jun 1 1964-67	99 to 95¾
4½s of 1953 July 1 1964-68	100¼ to 99⅞
Cin New Orls & Texas Pac Ry—	
3⅞s series L (1st inst) Feb 1-Aug 1 1964-67	99⅞ to 99⅛
3¾s series L (2nd inst) Feb 1-Aug 1 1964-67	99⅞ to 98⅝
Delaware Lack & Western RR—	
2½s series H Mar 15-Sep 15 1963-64	99⅜ to 98¾
2½s series I Apr 1 1964	98½ --
2⅜s series J Apr 1 1964-65	98½ to 96½
3s series K Mar 1 1964-67	99 to 94¾
3⅛s series L Jan 15 1964-68	99¼ to 93¾
2¾s series M Feb 15-Aug 15 1964-69	98½ to 89¾
3⅜s series N (1st inst) May 15-Nov 15 1963-71	99⅝ to 92⅛
3⅞s series N (2nd inst) May 15-Nov 15 1963-71	99¾ to 92⅞
Denver & Rio Grande West RR—	
2⅜s series N Apr 1-Oct 1 1963-64	99½ to 98½
2¼s series O Jun 1-Dec 1 1963-64	99¼ to 98⅛
2⅜s series P June 1-Dec 1 1963-65	99¼ to 96¾
3s series Q Jun 1-Dec 1 1963-66	99½ to 94¾

a Called for redemption, see page 94. b Basis. f Flat price. k Last sale. n Nominal. r Canadian dollar value.

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	June 30, 1963 Bid Price
Den & Rio Grande West (Con't)—	
2¾s series R	
Jun 1-Dec 1 1963-67	99½ to 94¾
3⅛s series S	
May 1-Nov 1 1963-68	99⅝ to 95¼
3½s series S (2nd installment)	
May 1-Nov 1 1963-68	99¾ to 97
2⅞s series T	
Jun 1-Dec 1 1963-70	99½ to 91⅝
3¼s series U	
Jan 1-July 1 1964-71	99½ to 93⅛
3¾s series V	
May 1-Nov 1 1963-72	99⅞ to 95⅝
3⅜s series W	
Mar 1-Sep 1 1963-73	99¾ to 92¼
4s ser X Mar 1-Sep 1 1963-74	99⅞ to 97⅛
4⅝s series Y	
Jun 1-Dec 1 1963-75	100¼ to 102¼
4⅜s series Z	
July 1 1964-76	100½ to 100
4⅛s series AA	
Apr 1-Oct 1 1963-77	99⅞ to 97½
4s series BB	
Feb 1-Aug 1 1964-78	100 to 96¼
Erie RR—	
2⅜s of 1950	
Jan 15-July 15 1964-65	99⅛ to 96⅜
3s of 1954 Jan 15 1964-69	99⅛ to 92
3s of 1955 July 15 1964-70	98⅝ to 89
3⅝s of 1956 Jun 15 1964-71	99¼ to 91⅜
4¼s 1957 Jan 1 1964-72	99¾ to 94⅝
4¾s (2nd 1957)	
July 15 1964-72	100⅜ to 97⅞
Great Northern Ry Co—	
2s of 1949	
Jun 1-Dec 1 1963-64	99¼ to 97⅞
2⅜s of 1950	
Feb 1-Aug 1 1964-65	98¾ to 97
2⅞s of 1951	
Apr 1-Oct 1 1963-66	99⅝ to 96½
3s (2nd 1951)	
Jun 1-Dec 1 1963-66	99½ to 96¾
2⅞s of 1953	
Jan 1-July 1 1964-68	99⅛ to 94½
2¾s of '54 Feb 1-Aug 1 1964-69	99 to 92½
2⅝s (2nd 1954)	
Jun 1-Dec 1 1963-69	99⅜ to 91½
3⅜s of 1956	
Apr 1-Oct 1 1963-71	99¾ to 93⅞
3¾s of 1957 Mar 1-Sep 1 '63-72	99⅞ to 95⅝
4¼s (2nd of 1957)	
Feb 1-Aug 1 1964-72	100¼ to 99⅜
3½s of '58 Feb 1-Aug 1 1964-73	99⅝ to 93⅜
4s (2nd of 1958)	
Mar 1-Sep 1 1963-73	99¾ to 97¼
4⅛s (3rd of 1958)	
Jun 1-Dec 1 1963-73	100 to 98¼
4½s of 1959	
May 1-Nov 1 1963-73	100 to 101
5s of 1960	
Feb 1-Aug 1 1964-75	100⅞ to 105½
4⅞s (2nd of 1960)	
Mar 1-Sep 1 1963-75	100 to 104⅜
4s of 1961	
Mar 1-Sep 1 1963-76	99¾ to 96½
4s of 1962	
May 1 1964-77	100 to 96
4⅛s of 1963	
Mar 1 1964-1978	100 to 97
4s (2nd of 1963)	
Jun 1 1964-1978	100 to 95¾
Gulf Mobile & Ohio RR—	
2⅛s series E Feb 15 1964	98⅞ --
3s series F	
Apr 1-Oct 1 1963-65	99⅝ to 98
3⅛s series G	
Mar 1-Sep 1 1963-68	99¾ to 95⅛
4¼s series H	
Jan 1-July 1 1964-72	100⅛ to 99¼
4⅜s series I	
Mar 1-Sep 1 1963-76	99⅞ to 99½
4⅛s series J	
Jan 15-July 15 1964-77	100⅝ to 97
4s series K	
Apr 1-Oct 1 1963-77	99⅞ to 95⅞
4s series L	
April 1-Oct 1 1963-1978	97⅞ to 95¾
4⅛s series M Aug 1 1964-1978	100⅜ to 99½
Illinois Central RR—	
2⅞s series FF	
Apr 1-Oct 1 1963-66	99⅝ to 96½
3s series GG	
May 1-Nov 1 1963-66	99½ to 96⅞
2⅞s series HH	
Feb 1-Aug 1 1964-67	99⅛ to 95⅝
2¾s series 35	
May 1-Nov 1 1963-67	99½ to 94⅝
3s series 36	
Feb 1-Aug 1 1964-68	99¼ to 94¾
3s series 37	
Mar 1-Sep 1 1963-68	99¾ to 94⅝
2½s series 38	
Mar 1-Sep 1 1963-69	99¾ to 90⅞
2½s series 39	
Apr 1-Oct 1 1963-69	99½ to 90¾
2⅝s series 40	
Jan 1-July 1 1964-70	99 to 90¼
3¼s series 41	
Jan 1-July 1 1964-71	99½ to 93⅛
3s series 42	
Mar 1-Sep 1 1963-71	99¾ to 91⅜
4s series 43	
Jan 1-July 1 1964-72	100 to 97¼
4⅛s series 44	
May 1-Nov 1 1963-72	100 to 98⅞
4¼s series 45	
Jan 1-July 1 1964-73	100⅛ to 99
4⅛s series 46	
Jun 1-Dec 1 1963-73	100 to 97⅞
4s series 47	
Apr 1-Oct 1 1963-74	99⅞ to 96⅝
4½s series 48	
Mar 1-Sep 1 1963-74	99⅞ to 101

	June 30, 1963 Bid Price
Illinois Central RR (Cont)—	
4⅜s series 1949	
May 1-Nov 1 1963-75	100 to 99⅞
4s series 50	
Mar 1-Sep 1 1963-75	99¾ to 97⅛
4⅛s series 1951 Dec 1 1963-75	100 to 98⅛
4s series 52	
Mar 1-Sep 1 1963-76	99¾ to 96
Indiana Harbor Belt RR—	
2⅜s 2nd 1949 Sept 15 1963-64	99½ to 98⅛
2¼s of 1950 Feb 15 1964-65	98⅞ to 97
International Great Northern RR	
2⅜s series CC Aug 15 1964	98¼ --
2⅜s series DD Apr 1 1964-65	98¾ to 97
3¼s series EE Feb 20 1964-68	99⅜ to 95¼
2⅞s series FF May 1 1964-69	99 to 92⅛
Kansas City Southern Ry—	
2½s series I	
Feb 1-Aug 1 1964	98¾ --
2⅛s series J	
May 1-Nov 1 1963-64	99¼ to 98⅛
2½s series K Sep 1 1963-65	99⅝ to 96⅞
Louisville & Nashville RR—	
2¾s series K Sep 15 1963-66	99⅝ to 96
2⅞s series L July 15 1964-67	99 to 95⅛
3¼s series M Aug 15 1964-68	99¼ to 95⅝
2½s ser M (2nd) Aug 15 1964-68	98½ to 92⅛
3s series N Dec 15 1963-68	99½ to 94⅛
3s series O Mar 15 1964-71	99¼ to 91½
3⅞s series P Nov 15 1963-71	99⅞ to 97⅛
3⅝s series Q Jan 15 1964-73	99¾ to 94½
3½s series R Mar 1 1964-73	99⅝ to 94
3⅜s series S Apr 15 1964-73	99½ to 92⅜
4⅛s series T Jan 15 1964-74	100 to 97¾
4½s series U Jun 15 1964-74	100⅝ to 101
4½s series V Apr 1 1964-75	100⅜ to 101⅛
4½s series W May 15 1964-75	100½ to 101
4s series X Sep 1 1963-75	99⅞ to 96⅝
4⅛s series Y Nov 15 1963-75	100 to 97¾
4⅛s series Z Jan 1 1964-76	100 to 97¼
3¾s series AA Mar 15 1964-76	99⅞ to 93¾
4⅛s series BB Jun 15 1964-76	100¼ to 97⅞
4s series CC July 1 1964-77	100⅛ to 95⅞
4s series DD Sep 1 1963-77	99¾ to 95¾
4s series EE Mar 15 1968-1978	100 to 95¾
3⅞s series FF June 1 1964-1978	100 to 94⅝
Minneapolis & St Louis Ry—	
4½s series A	
May 10 1964-72	100¼ to 99¾
4¼s series B Aug 26 1964-73	100¼ to 97¼
Minneapolis St Paul & Saulte Ste Marie RR—	
3⅛s series A	
Jan 1-July 1 1964-67	99¼ to 95⅞
2⅞s series B	
Feb 1-Aug 1 1964-69	99 to 92⅛
4½s series C	
May 1-Nov 1 1963-71	100 to 100
4⅞s series D	
Feb 1-Aug 1 1964-72	100⅝ to 102½
Missouri-Kansas-Texas RR—	
2½s of 1949	
Feb 1-Aug 1 1964	98½ --
2½s (2nd 1949)	
Apr 1-Oct 1 1963-64	99⅜ to 98¼
2⅜s (3rd 1949)	
Jun 15-Dec 15 1963-64	99⅛ to 97⅞
2⅛s of 1950	
Feb 1-Aug 1 1964-65	98⅛ to 95⅞
2⅞s of 1951	
Jan 1-July 1 1964-66	98¾ to 95¾
2¾s (2nd 1951)	
May 15-Nov 15 1963-66	99⅜ to 95
3⅛s of 1952	
Jan 15-July 15 1964-67	99 to 95
3⅝s of 1956 Sep 1 1963-71	99¾ to 91¼
Missouri Pacific RR—	
2½s series LL Apr 15 1964	98¾ --
2⅜s series MM Aug 15 1964	98¼ --
2⅜s series NN Apr 1 1964-65	98¾ to 97
2⅜s series OO Jun 1 1964-65	98½ to 96¾
2⅝s series PP Feb 1 1964-66	99 to 96
3⅜s series QQ Dec 15 1963-66	99⅝ to 97¼
3⅛s series RR Mar 1 1964-67	99¼ to 96
3s series SS May 1 1964-67	99⅛ to 95⅝
3⅛s series TT July 1 1964-67	99⅛ to 95⅜
3¼s series UU Mar 2 1964-68	99⅜ to 95½
3¾s series VV Jun 15 1964-68	99¾ to 97¼
3⅛s series WW Jan 15 1964-69	99⅜ to 93¾
2¾s series XX Mar 15 1964-69	99 to 91¾
2⅞s series YY Jan 1 1964-70	99¼ to 91⅛
3s series ZZ Feb 1 1964-70	99¼ to 91¾
3¼s series A Jun 15 1964-70	99¼ to 92⅞
3⅜s series B Sep 1 1963-70	99¾ to 93½
3½s series C Jan 1 1964-71	100⅛ to 100
3⅝s series D Apr 15 1964-71	99⅜ to 93
3⅝s series E Jun 1 1964-71	99⅝ to 94⅝
3¾s series F (1st instal) Aug 15 1964-1971	99¾ to 95⅜
4⅛s series F (final instal) Aug 15 1964-71	100⅛ to 97¼
4½s series G Jan 15 1964-72	100⅛ to 100⅛
4½s series H Jun 1 1964-72	100⅜ to 100⅛
4½s series I Sep 1 1963-72	99⅞ to 100⅛
3⅝s series J Jan 1 1964-73	99⅝ to 93⅜
4¼s series K Sep 1 1963-73	99⅞ to 98⅛
4¾s series L Aug 1 1964-74	100¾ to 101½
5⅛s series M Oct 15 1963-74	100⅛ to 105¼
5s ser N (1st part) Jun 1 '64-75	100⅞ to 104⅜
4¼s series N (2nd part) Jun 1 1964-75	100⅛ to 97½
4⅜s series O Feb 1 1964-76	100 to 98⅝
4¼s series P May 1 1964-76	100⅛ to 97⅜
4s series Q May 1 1964-77	100 to 94½
4s series R Jan 1 1964-78	99⅞ to 94½
4s series S (1st inst) May 1-Nov 1 1963-1978	99⅞ to 94⅜
4⅛s series S (2nd & final) May 1-Nov 1 1963-1978	100⅞ to 98⅜

	June 30, 1963 Bid Price
Monon Railroad—	
4¼s (1st 1956) Nov 15 1963-71	99⅞ to 95¼
Nashville Chatt & St Louis Ry—	
2⅜s series E Feb 1 1964	99 --
2¼s series F May 1 1964-65	98¾ to 96⅞
2½s series G Feb 1 1964 67	99⅛ to 94½
2⅞s series H Dec 15 1963-67	99½ to 94¾
New York Central RR—	
2⅝s of 1949 Jan 1 1964	99 --
2⅝s (2nd 1949) Mar 15 1964	98¾ --
2⅝s (3rd 1949) May 15 1964	98½ --
2¾s (4th 1949) July 15 1964	98½ --
2¾s (5th 1949) Oct 1 1963-64	99½ to 98¼
2¾s of 1950 Jan 1 1964-65	99⅛ to 97¾
2¾s (2nd 1950) Jun 15 1964-65	98½ to 97⅛
2¾s (3rd 1950) Nov 15 1963-65	99⅜ to 96⅝
2¾s of 1951 Jan 1 1964-66	99⅛ to 96⅛
3⅜s (2nd 1951) Dec 1 1963-66	99⅝ to 97
3⅜s of 1952 Feb 1 1964-67	99⅜ to 96½
3⅛s (2nd 1952) May 15 1964-67	99 to 95⅝
3¼s (3rd 1952) Aug 15 1964-67	98⅞ to 95⅝
3⅛s of 1953 Jan 1 1964-68	99¼ to 94⅜
3⅝s (2nd 1953) Mar 15 1964-68	99½ to 96¼
3⅝s of 1955 Sep 15 1963-70	99¾ to 93½
4¾s of 1957 Jan 1 1964-72	100⅛ to 98⅞
4⅜s (2nd 1957) Apr 1 1964-72	100 to 96⅜
5s (3rd 1957) Sep 16 1963-72	100 to 100¾
5¼s of 1960 Jun 1 1964-75	100⅞ to 101⅞
4¾s of 1961 Feb 15 1964-76	100⅛ to 97½
4⅞s (2nd 1961) Jun 1 1964-76	100½ to 98⅝
4¼s of 1963 June 15 1964-78	100¾ to 97¼
N Y Chicago & St Louis RR—	
2s of 1949	
Apr 15-Oct 15 1963-64	99¼ to 98⅛
2½s of 1950	
Jun 15-Dec 15 1963-65	99¼ to 96¾
3s of 1951	
Jan 15-July 15 1964-66	99¼ to 97⅛
3⅛s of 1952	
Jan 1-July 1 1964-67	99⅜ to 96½
2⅞s of 1953 Oct 1 1963-67	99⅝ to 95⅛
3⅜s (2nd 1953) Dec 15 1963-67	99¾ to 97
3¾s (3rd 1953) July 15 1964-68	99⅞ to 97⅞
2⅝s of 1954 Sep 1 1963-68	99⅝ to 92⅞
2½s (2nd of 1954) May 1-Nov 1 1963-69	99½ to 90⅞
2⅞s of 1955 Jun 15-Dec 15 1963-70	99½ to 91½
3⅜s of 1956 Jun 1-Dec 1 1963-71	99¾ to 93¾
3⅜s (2nd of 1956) Feb 1-Aug 1 1964-71	99⅜ to 93⅞
3¾s of 1957 Mar 15-Sep 15 1963-72	99⅞ to 95⅝
3⅝s of 1958 Feb 15-Aug 15 1964-73	99¾ to 94¼
4⅛s of 1959 Jan 15-July 15 1964-74	100⅛ to 97⅝
4⅜s of '60 May 1-Nov 1 1963-75	100 to 97⅞
4⅛s of '62 Feb 15-Aug 15 '64-72	100⅛ to 98⅜
4⅛s (2d '62) Mar 1-Sep 1 '63-72	99⅞ to 98⅜
N Y New Haven & Hartford RR—	
2¼s (1st 1949) Feb 15 1964	95¼ --
2¼s (2nd 1949) Dec 1 1963-64	94½ to 93
3½s (1st 1953) May 1 1964-68	98½ to 66
3¾s series A (1st 1954) Jan 1 1964-69	96½ to 67½
3s series B (1954 No 1) Jan 1 1964-69	95 to 60¾
3s (1954 No 2) Oct 1 1963-69	96½ to 57½
3s (1955 No 1) Jan 1 1964-70	95 to 56
4⅝s (1956 No 1) July 1 1964-71	95 to 59¼
5⅛s (1956 No 2) May 1 1964-71	99 to 62¼
Norfolk & Western Ry—	
3⅝s series A (1st & 2nd instal) Feb 1-Aug 1 1964-72	99¾ to 95¾
3½s series A (3rd instal) Feb 1-Aug 1 1964-72	99⅝ to 93⅞
4⅛s series B (3rd part) Jun 1-Dec 1 1963-72	100 to 98⅜
4¼s series B (3rd part) Jun 1-Dec 1 1963-72	100⅛ to 99⅜
4⅜s series C (1st part) May 1-Nov 1 1963-72	100 to 100⅜
3⅞s series C (2nd part) May 1-Nov 1 1963-72	99⅞ to 96⅝
3⅜s series C (3rd & final 1958) May 1-Nov 1 1963-72	99¾ to 92⅞
3¼s series D (1st instal) Apr 1-Oct 1 1963-73	99⅝ to 91⅜
3⅞s ser D (2nd & final instal) Apr 1-Oct 1 1963-73	99⅞ to 96⅜
4s series E (1st instal) Apr 1-Oct 1 1963-73	99⅞ to 97⅜
3⅞s series E (2nd instal) Apr 1-Oct 1 1963-73	99⅞ to 96⅝
3⅞s series F (1st instal) May 1-Nov 1 1963-73	99⅞ to 96⅜
4s series F (2nd instal) May 1-Nov 1 1963-73	99⅞ to 97⅜
4⅛s series G (1st instal) Apr 1-Oct 1 1963-74	99⅞ to 98¼
4½s series G (2nd instal) Apr 1-Oct 1 1963-74	100 to 101⅜
4⅛s series H Aug 1 1964-76	100⅜ to 97⅝
3⅞s series I Jan 1 1964-78	100⅛ to 95⅛
4s series J May 1 1964-78	100⅛ to 96¼
4s series K July 1 1964-1978	100¼ to 94½

a Called for redemption, see page 94. b Basis. f Flat price. k Last sale. n Nominal. r Canadian dollar value.

ized for FRASER

	June 30, 1963 Bid Price
Northern Pacific Ry—	
2⅜s of 1949 Mar 15 1964	98⅞ --
2⅜s (2nd 1949) Jun 15 1964	98⅝ --
2⅛s (3rd 1949) Nov 1 1963-64	99¼ to 97¾
2¾s of 1951 Mar 30 1964-66	99⅛ to 96⅝
3s (2nd 1951) Nov 30 1963-66	99⅜ to 96⅝
2⅞s of 1952 Dec 16 1963-67	99½ to 95
2⅝s of 1954 May 14 1964-69	98⅞ to 91⅞
2¾s (2nd 1954) Aug 10 1964-69	98⅞ to 92¼
2¾s of 1955 Jan 18 1964-70	99⅜ to 91⅝
3s (2nd 1955) Jun 16 1964-70	99⅛ to 92⅝
3s (3rd 1955) July 14 1964-70	99⅛ to 92½
3¼s (4th 1955) Dec 20 1963-70	99⅝ to 93⅝
3⅛s of 1956 Feb 16 1964-71	99⅝ to 92½
3½s (2nd 1956) July 12 1964-71	99⅝ to 94⅝
4⅜s of 1957 Jan 17 1964-72	100⅛ to 100⅜
4½s (2nd 1957) Jun 12 1964-72	100⅝ to 101
3⅞s of 1958 Jan 9 1964-73	99⅞ to 96⅜
3⅝s (2nd 1958) May 8 1964-73	99¾ to 94⅜
4⅜s of 1959 Mar 12 1964-74	100⅜ to 99⅞
4¾s (2nd 1959) July 30 1964-74	100⅞ to 103¼
4⅞s of 1960 Jan 7 1964-75	100⅜ to 104⅛
4¼s (2nd 1960) Apr 28 1964-75	100¼ to 98⅞
3⅞s (3rd 1960) Sep 15 1963-75	99⅞ to 95⅜
4¼s of 1961 Aug 23 1964-76	100½ to 98¾
3⅞s of 1962 Jun 14 1964-77	100 to 95
3⅞s of 1963 Jan 10 1964-78	99⅞ to 95⅛
Pennsylvania RR—	
2½s series V Nov 1 1963	99¼ --
2½s series W Nov 1 1963	99¼ --
2½s series X May 1 1964	98¾ --
2¼s series Y Jan 1 1964-65	99 to 97¼
2¼s (Z 2nd) Apr 1 1964-65	98⅝ to 96¾
2½s (Z 2nd) Apr 1 1964-65	98¾ to 96¼
3s series AA (1st part) Mar 1 1964-68	99¼ to 94⅛
3⅛s series AA (2nd part) Mar 1 1964-68	99¼ to 94¾
2¾s series BB Feb 1 1964-69	99⅛ to 91⅞
2¾s series CC Feb 1 1964-70	99⅛ to 90¼
3⅛s series DD Nov 1 1963-70	99⅝ to 91¾
3¼s series EE Jan 1 1964-71	99½ to 92½
3⅛s series FF (1st instal) Apr 1-Oct 1 1963-71	99⅝ to 91¼
3¾s series FF (2nd instal) Apr 1-Oct 1 1963-71	99¾ to 95⅜
4⅛s series GG Jan 1-July 1 1964-72	100 to 97¾
3¾s series HH Apr 1-Oct 1 1963-72	99¾ to 95
4¼s ser II Jun 1-Dec 1 1963-72	100 to 98⅝
Peoria & Eastern Ry—	
2⅞s of 1950 Nov 15 1963-65	99½ to 97⅛
Pittsburgh & Lake Erie RR—	
3s (2nd 1951) Nov 15 1963-66	99⅝ to 96⅝
2¾s of 1952 Apr 15 1964-67	99 to 95⅛
3s (2nd 1952) Aug 1 1964-67	99⅛ to 95¾
3¼s of 1953 Sep 1 1963-68	99⅝ to 95⅞
3⅞s of 1956 Nov 15 1963-71	99⅞ to 97⅛
3¾s of 1957 Feb 15 1964-72	99¾ ot 95¾
3⅝s (2nd 1957) Apr 15 1964-72	99¾ to 94½
4¼s (3rd 1957) Aug 15 1964-72	100⅜ to 99⅜
4¼s (4th 1957) Nov 1 1963-72	100 to 99⅜
3½s of 1958 Feb 1 1964-73	99⅝ to 93
3s (2nd 1958) May 15 1964-73	99¼ to 89
4s (3rd 1958) Oct 15 1963-73	99⅞ to 97¼
4¼s of 1959 May 1 1964-74	100¼ to 98⅞
4⅝s (2nd 1959) Sep 15 1963-74	100 to 102⅛
4s of 1960 Oct 1 1963-75	99⅞ to 96¼
Reading Co—	
2⅛s series R Apr 15-Oct 15 1963-65	99¼ to 95⅝
2¼s series S Jun 15-Dec 15 1963-65	99 to 95⅝
2⅞s series T Apr 15-Oct 15 1963-67	99⅜ to 93¾
3½s series U Jun 1-Dec 1 1963-68	99⅝ to 94⅞
3½s series V Apr 1-Oct 1 1963-68	99⅝ to 88⅝
2⅞s series W Feb 1-Aug 1 1964-70	98¾ to 89⅝
3¼s series X Apr 1-Oct 1 1963-70	99⅜ to 88½
3⅝s series Y (1st instal) May 15-Nov 15 1963-71	99⅝ --
4s series Y (2nd instal) May 15-Nov 15 1963-71	99¾ to 93¾
4⅛s series Z (1st instal) Jan 1-July 1 1964-72	99¾ to 93⅞
4¼s series Z (2nd instal) Jan 1-July 1 1964-72	99⅞ to 94½
St. Louis Brownsville & Mex Ry—	
2⅜s series CC Aug 15 1963-64	99⅝ to 98¼
2⅜s series DD Apr 1 1964-65	98¾ to 97
2¾s series FF Mar 15 1964-69	99 to 91¾

	June 30, 1963 Bid Price
St Louis-San Francisco Ry—	
2½s series C Nov 1 1963	99⅜ --
2½s series D Mar 15 1964	98⅝ --
2¼s series E Dec 1 1963-64	99¼ to 97⅝
2¼s series F May 1 1964-65	98½ to 96⅝
2⅜s series H Dec 1 1963-65	99¼ to 96
2⅞s series I Aug 1 1964-66	98¾ to 96¼
3⅛s series J Dec 15 1963-66	99⅝ to 96⅞
2⅞s series K Dec 1 1963-67	99½ to 94⅝
3⅜s series L Jun 1 1964-68	99⅜ to 96
3s series M Jan 1 1964-69	99⅜ to 93¾
Seaboard Air Line Ry—	
2⅝s series D Sept 1 1963	99⅝ --
2½s series E Jan 1 1964	99⅛ --
2⅜s series F June 1 1964	98⅝ --
2⅛s series G Apr 1 1964-65	98⅝ to 96¾
2⅜s series H Sept 1 1963-65	99⅝ to 96⅝
2½s series I Feb 1 1964-66	99⅛ to 96
2¾s series J Apr 1-Oct 1 1963-66	99⅝ to 96¼
3s series K May 15-Nov 15 1963-66	99⅝ to 96⅞
2⅞s series L and M Jun 1-Dec 1 1963-67	99⅝ to 95⅜
3s series N May 15-Nov 15 1963-68	99⅝ to 94⅝
2⅝s series O Jun 1-Dec 1 1963-69	99⅜ to 91½
3s series P (1st part) Nov 1 1963-1970	99⅝ to 92¼
2⅞s series P (2nd part) Nov 1 1963-1970	99⅝ to 91⅜
3¾s series Q (1st instal) Oct 1 1963-71	99⅞ to 96¼
4s series Q (2nd instal) Oct 1 1963-71	99⅞ to 98
4¼s series R (1st & 2nd instal) Aug 1 1964-72	100⅜ to 99⅜
3⅜s series R (3rd & final) Aug 1 1964-72	99½ to 94⅜
4½s series S 1st & 2nd instal Jun 1 1964-74	100⅝ to 101
4⅝s series T May 1 1964-75	100⅝ to 102
4⅛s series U Aug 1 1964-75	100⅜ to 99¾
4¼s series V Feb 1 1964-77	100⅛ to 98¾
4s series V (2nd part) Feb 1 1964-77	100⅜ to 96½
3⅞s series W Feb 1 1964-78	99⅞ to 95¼
4s series W (2nd part) Feb 1 1964-78	100⅜ to 96½
Southern Pacific Co—	
2⅜s series AA Apr 1 1964	98⅞ --
2⅜s series BB July 1 1964	98½ --
2⅛s series CC Nov 1 1963-64	99¼ to 97¾
2⅛s series DD Jan 1 1964-65	99 to 97⅛
2⅞s series EE Apr 1 1964-66	99⅛ to 96⅞
3⅛s series FF July 1 1964-66	99¼ to 97⅜
2¾s series GG Sep 1 1963-66	99⅝ to 96
3⅝s series JJ July 1 1964-68	99¾ to 97⅝
3⅜s series KK Sep 1 1963-68	99¾ to 96⅜
3s series LL Nov 1 1963-68	99⅝ to 94⅜
2¾s series MM Jan 1 1964-69	99¼ to 92⅞
2⅝s series NN Apr 1 1964-69	99 to 92
2⅝s series OO Sep 1 1963-69	99⅝ to 91⅝
2¾s series PP Dec 1 1963-69	99⅝ to 91⅞
2⅞s series QQ Mar 1 1964-70	99¼ to 92⅛
3⅛s series RR Sep 1 1963-70	99⅝ to 93⅛
3¼s series SS Jan 1 1964-71	99⅝ to 93⅜
3½s series TT May 1 1964-71	99⅝ to 94⅝
3⅝s series UU Aug 1 1964-71	99¾ to 95½
4s series VV Nov 1 1963-71	99⅞ to 98
4¼s series WW Jan 1 1964-72	100⅛ to 99⅜
4½s series XX Jun 1 1964-72	100⅝ to 100⅜
4½s series YY Aug 1 1964-72	100⅝ to 101¼
4½s series ZZ Oct 1 1963-72	100 to 101¼
3½s series No 1 Dec 1 1963-72	99⅞ to 93⅝
3¼s series No 2 Mar 1 1964-73	99⅝ to 91½
4⅛s series No 3 Feb 1 1964-74	100 to 97⅞
4¼s series No 4 Mar 1 1964-74	100⅛ to 97⅞
4⅝s series No 5 Jun 1 1964-74	100⅝ to 102⅛
4¾s series No 6 Aug 1 1964-74	100⅞ to 103⅛
4⅞s series No 7 Nov 1 1963-74	100¼ to 104½
4¾s series No 8 Feb 1 1964-75	100⅜ to 103
4¼s series No 9 Jun 1 1964-75	100¼ to 98½
4⅛s series No 10 Aug 1 1964-75	100¼ to 97½
4¼s series No 11 Feb 1 1964-76	100⅛ to 98⅞
4s series No 12 Mar 1 1964-76	100 to 96¾
4¼s series No 13 Jun 1 1964-76	100¼ to 98¼
4⅞s series No 14 Dec 1 1963-76	100⅛ to 98⅞
4⅜s series No 15 Feb 1 1964-77	100⅛ to 100
4s series No 16 Mar 1 1964-77	100 to 96⅝
4s series No 17 Jun 1 1964-77	100⅛ to 95⅞
3⅞s series No 18 Sep 1 1963-77	99¾ to 95¼
3⅞s series No 19 Jan 1 1964-78	99⅞ to 95¼
4s series No 20 Mar 1 1964-78	100 to 96
4s series No 21 May 1 1964-78	100½ to 97¼
Southern Ry—	
2⅜s series QQ April 1-Oct 1 1963-64	99½ to 98⅝
2½s series RR Jun 15-Dec 15 1963-64	99¼ to 98½
2⅞s series SS Mar 15-Sept 15 1963-67	99⅝ to 95½
3s series TT Feb 1-Aug 1 1964-68	99¼ to 95
4⅛s series UU (1st instal) Jan 15-July 15 1964-67	100⅛ to 99⅞
3¾s series UU (2nd instal) Jan 15-July 15 1964-67	99¾ to 99
4¼s series VV (1st instal) Apr 15-Oct 15 1963-76	100 to 98⅞
4⅛s series VV (2nd instal) April 15-Oct 15 1963-76	99⅞ to 95¾
4s series WW Apr 16-Oct 16 1963-77	99⅞ to 95¾
4¼s series YY Jan 2-July 2 1964-77	100⅛ to 98½
4⅛s series YY (2nd instal) Jan 2-July 2 1964-77	100¼ to 97⅛
4s series ZZ (1st inst) Feb 15-Aug 15 1964-78	100 to 95⅞
4s series ZZ (2nd instal)— Feb 15-Aug 15 1964-78	100 to 95⅞

	June 30, 1963 Bid Price
Spokane Portland & Seattle Ry—	
2⅜s of 1949 Apr 1 1964	98⅞ --
3¾s of 1957 Apr 1-Oct 1 '63-72	99¾ to 95¼
Texas & Pacific Ry—	
2⅛s series P Jan 1 1964-65	98⅞ to 97
3s series R Jan 1 1964-66	99¼ to 97⅛
3s series S April 1 1964-68	99⅛ to 94⅝
3⅞s series T Apr 1 1964-69	99¾ to 97⅞
4½s series U May 1 1964-75	100¼ to 100⅛
4⅛s series V 1964-1978	100⅝ to 98⅞
Virginian Ry—	
2⅝s series B July 1 1964-67	98¾ to 94¼
2⅞s series C Feb 1 1964-68	99¼ to 94⅞
2¾s series D Feb 1 1964-69	99¼ to 93
3¾s series E Oct 1 1963-71	99¾ to 96¼
3¾s series F (1st instal) April 15 1964-72	99⅞ to 95¾
Wabash Ry—	
2¼s (1st B) Mar 1 1964	98⅞ --
2s (2nd B) Mar 1 1964	98⅝ --
1⅞s (3rd pt) Mar 1 1964	98½ --
2⅛s (1st C) Jun 1 1964-65	98¼ to 96¼
2⅜s (2nd C) Jun 1 1964-65	98¼ to 96¾
2¾s series D Jan 1-July 1 1964-68	99 to 93⅝
3⅛s series E Sept 1 1963-68	99¾ to 93¾
2¾s series F May 1 1964-70	98⅞ to 90⅝
3s series G April 1 1964-71	99⅛ to 90⅞
4s series H (1st instal) Jan 15 1964-72	99⅞ to 96⅞
4½s series H (2nd instal) Jan 15 1964-72	100⅛ to 100½
4¼s series I Oct 1 1963-72	99⅞ to 98⅝
4⅞s series J Sept 1 1963-74	100 to 103⅜
Western Maryland Ry—	
2¼s series N Mar 15 1964-65	98⅞ to 96⅞
2⅜s series O Oct 31 1963-65	99⅜ to 96¼
3s series P July 1 1964-66	99⅛ to 97
3⅜s series Q Jun 15 1964-68	99⅛ to 96¼
3s series R Dec 15 1963-68	99⅝ to 94⅛
3⅜s series S Jun 1 1964-71	99½ to 93⅝
3⅞s series T Oct 1 1963-71	99⅞ to 96¾
3¾s series U May 1 1964-72	99⅞ to 95⅜
4½s series V July 15 1964-75	100⅝ to 100⅝
Wisconsin Central Ry—	
4s series D Jun 1-Dec 1 1963-68	100 to 98¾
4⅞s series E Apr 1-Oct 1 1963-72	100 to 103¼
4¾s series F Apr 1 Oct 1 1963-73	100 to 102⅛

OVER-THE-COUNTER RAILROAD STOCKS	Par	Bid	Ask
Values as of Aug 30, 1963			
Akron Canton & Youngstown	*	40	43
Alabama Great Southern—			
Ordinary	50	90	94
6% participating preferred	50	90	94
Albany & Vermont gtd	100	44	48
Atlanta & West Point	100	55	--
Certificates or participating		1½	3½
Baltimore & Cumberland Valley RR Extension Co guaranteed	50	55	58
Bessemer and Lake Erie RR—			
$1.50 preferred	50	36	--
$3 preferred	50	71	--
Boston & Albany (gtd N Y C)	100	141	145
Central RR Co of N J	50	17½	19½
Chicago Burlington & Quincy	100	150	155
Cincinnati Inter-Terminal—			
4% preferred gtd	100	78	--
Cinc New Orl & Texas Pacific—			
Common	20	98	101
5% preferred	100	98	--
Clearfield & Mahoning gtd	50	46	50
Cleve Cinc Chicago & St Louis—			
Common gtd	100	150	160
5% non-cum preferred gtd	100	76	80
Colorado & Southern common	100	27	30
Consol Rys of Cuba 6% pfd	100	3	3½
Cuba RR 6% non-cum pfd	100	1⅝	2
Dayton & Michigan common gtd	50	28	30
8% preferred gtd	50	70	73
Delaware & Bound Brook gtd	25	33	35
Delaware (gtd Penn)	25	37	39
Detroit Manufacturers gtd	100	60	--
Dover & Rockaway gtd	100	70	75
East Pennsylvania gtd	50	50	55
Elmira & Williamsport com gtd	50	35	38
Preferred gtd	50	55	59
Erie & Kalamazoo gtd	50	42	45
First RR & Banking	1	17½	18½
Ft Dodge Des Moines & Sth Ry	10	4¼	4⅝
Fort Wayne & Jackson RR—			
5½% preferred gtd	100	86	90
Genesee & Wyoming	100	190	210
Green Bay & Western	100	77	82
Hudson & Manhattan RR Co—			
Class B	10	55	59

*No par value. a Called for redemption, see page 94. f Flat price. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Stocks—	Par	Bid	Ask
Kalamazoo Allegan & Grand Rapids RR	100	84	88
Kan Okla & Gulf Ry 6% pfd A	100	85	90
Lake Superior & Ishpeming	20	26	28
Little Miami original gtd	50	71	73
Special gtd betterment stock	50	37	40
Louisville Henderson & St Louis—			
5% non-cumulative preferred	100	95	100
Mahoning Coal RR common	50	575	600
5% pfd (gtd N Y Central)	50	45	50
Maine Central common	100	37	39
5% preferred	100	92	--
Massawippi Valley gtd	100	100	103
Michigan Central gtd	100	650	750
Mississippi Central	100	6¾	7¾
Missouri Pacific RR Co—			
Reorganization Issues—			
Class B	*	570	600
Mobile & Birmingham—			
4% non-cum preferred gtd	100	77	81
Nashville & Decatur—			
Original (gtd L & N)	25	35	38
Unstamped (gtd L & N)	25	35	38
N Y New Haven & Hartford RR—			
Common	100	1 3/16	1 3/16
5% series A preferred	100	1 7/16	1 5/8
N Y Susquehanna & Western—			
Common vtc	*	28	--
5% preferred	100	26	28
North Carolina (gtd Sou RR)	100	140	145
Northern RR of N H gtd	100	80	85
Norwich & Worcester pfd gtd	100	40	50
Ontario & Quebec gtd	100	100	104
Peoria & Bureau Valley gtd	100	90	--
Philadelphia Germantown & Norristown RR gtd	50	97	101
Phila & Trenton (gtd Pa RR)	100	190	195
Piedmont & Northern	100	121	125
Pittsburgh Fort Wayne & Chicago common gtd	100	125	135
Pittsfield & North Adams gtd	100	65	70
Providence & Worcester gtd	100	55	65
Richmond Fredericksburg & Potomac RR common	25	110	--
Dividend obligations	25	110	115
6% guaranteed	25	110	--
7% guaranteed	25	110	--
Roch & Genesee Valley RR gtd	100	50	60
Rutland & Whitehall gtd	100	53	57
St Louis Southwestern Ry com	100	700	--
5% non-cum preferred	100	137	--
Saratoga & Schenectady gtd	100	93	98
Stony Brook gtd	100	65	68
Tennessee Ala & Georgia vtc	5	19	22
Tennessee Central Ry common	5	24½	28
7% convertible preferred	100	65½	70
Texas & Pacific Ry	100	96	101
Troy & Gr'bush (gtd N Y Cent)	50	44	48
Vermont & Mass gtd	100	82	86
Wabash RR common	*	75	--
Ware River RR	100	105	110
West Jersey & Seashore gtd	50	52	55
Western Maryland RR—			
7% 1st preferred	40	52	62
5% 1st preferred	12	7	10
Western Ry of Alabama	100	65	70

EXCHANGE SEATS

NOTE: The last sale published below does not necessarily indicate that the transaction has been consummated.

	No.	Last Sale $	Bid $	Ask $
Amer Stock Exchange	‡576	59,000	56,000	65,000
N Y Cocoa Exchange	183	9,000	7,000	8,500
Commodity Exchange	408	1,000	500	900
N Y Coffee Sug Ex	337	3,700	2,500	4,000
N Y Cotton Exchange	450	850	850	950
N Y Mercantile Exch	401	1,950	1,550	2,800
N Y Produce Exch	545	750	700	800
N Y Stock Exchange	1,366	215,000	195,000	220,000
Boston Stock Exch	97	1,500	1,000	2,250
Canadian Stock Exch	94	r9,900	----	9,500
Chicago Bd of Trade	1,402	10,000	10,000	11,000
Chicago Merc Exch	500	3,200	3,000	3,150
Cincinnati Stock Exch				
Regular membership	12	8,000	----	----
Limited memberfship	11	1,000	----	----
Detroit Stock Exch	54	3,750	----	4,100
Kans City (Bd of Tr)	211	5,750	----	5,750
Memphis Cotton Exch	175	3,500	----	----
Midwest Stock Exch	400	11,000	10,750	12,000
Minn Grain Exchange	463	25	----	100
Montreal Stock Exch	79	r40,000	----	45,000
New Orl Cotton Exch	480	950	1,100	1,400
Pacific Coast Stk Exc				
Los Angeles division	80	7,500	7,500	----
San Fran division	80	7,500	----	----
Phila-Balt-Wash				
Stock Exchange	202	8,500	6,000	9,000
Pittsburgh Stock Ex	59	100	----	300
Salt Lake Stock Exch	42	750	750	1,000
Spokane Stock Exch	11	250	300	500
Toronto Stock Exch	113	r101,000	90,000	100,000
Winnipeg Grain Exch	426	r200	----	250

*No par value. ‡576 regular members and 312 associate members. a Called for redemption, see page 94. b Basis. f Flat price. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend.

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Public Utilities

(Includes street and electric railways, gas, electric power, water, telegraph, telephone and bridge companies)

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

NOTICE—All bond prices are "and interest" except where marked "f" and income and defaulted bonds

Bonds—	Bid	Ask
OVER-THE-COUNTER PUBLIC UTILITY BONDS		
Alabama Gas 3⅛s ser A 1971—A-O	91½	--
1st mtge 3½s ser C 1971—A-O	94	--
Alabama Power Co—		
1st mtge 3¼s 1977—A-O	88	--
1st mtge 3⅜s 1978—J-D	89	--
1st mtge 3¼s 1981—M-S	86½	--
1st mtge 3⅜s 1982—A-O	87¾	--
1st mtge 4⅛s 1983—M-N	96½	--
1st mtge 3½s 1985—J-D	87¾	--
1st mtge 3½s 1986—M-S	87½	--
1st mtge 4⅝s 1987—M-N	102¾	--
1st mtge 3⅞s 1988—J-J	92¾	--
1st mtge 4⅞s 1989—M-N	104⅜	--
1st mtge 5s 1990—A-O	105	--
1st mtge 4½s 1991—M-S	101½	--
1st mtge 4⅜s 1992—J-D	100	--
1st mtge 4⅜s 1993—M-N	99⅞	--
American Gas Co units	25½	26½
American Gas & Elec 3⅜s '77—J-D	89⅛	--
American Telephone & Teleg—		
2¾s debentures 1970—J-D	91	--
32 year 4¾s debs 1992—M-N	104¾	105½
37 year 4¾s debs 1998—J-D	105½	--
32 year 4⅝s debs 1994—F-A	104	--
34 year 4⅜s debs 1996—A-O	100¼	--
36-year 4⅜s debentures 1999—M-N	100	--
Appalachian Electric Power—		
1st mtge 3⅛s 1977—J-D	87⅝	--
1st mtge 2⅞s 1980—M-S	82⅜	--
1st mtge 3¾s 1981—J-D	93¾	--
1st mtge 3½s 1982—A-O	89	--
1st mtge 3½s 1983—J-D	88⅜	--
1st mtge 4⅝s 1987—M-S	102¾	--
Appalachian Power Co—		
1st mtge 4s 1988—M-N	95	--
1st mtge 4⅜s 1992—A-O	100¼	--
Debentures 4⅝s 1992—A-O	101¾	--
Arkansas Louisiana Gas Co—		
1st mtge 5⅛s 1979—J-D	104¾	--
1st mtge 4⅜s 1983—A-O	100¼	--
Arkansas Power & Light—		
1st mtge 3⅛s 1974—A-O	89	--
1st mtge 2⅞s 1977—J-J	85	--
1st mtge 3⅛s 1978—F-A	86¼	--
1st mtge 2⅞s 1979—A-O	82½	--
1st mtge 2⅞s 1980—J-D	82	--
1st mtge 3⅝s 1981—A-O	91	--
1st mtge 3½s 1982—M-S	89	--
1st mtge 3¼s 1984—F-A	84¾	--
1st mtge 3⅜s 1985—A-O	86	--
3⅜s s f debentures 1974—M-S	91½	--
1st mtge 4⅞s 1991—M-N	103½	--
1st mtge 4⅜s 1993—F-A	99¼	--
Associated Telephone Co Ltd—		
1st 3⅛s series D 1977—M-N	86½	--
1st 2⅞s series F 1979—M-N	82	--
1st mtge 3⅝s series G 1981—A-O	89⅞	--
1st mtge 3¾s series H 1982—A-O	92⅜	--
Atlanta Gas Light Co 3s 1963—M-S	100	--
1st mtge 4s 1981—J-J	96	--
1st mtge 4⅜s 1988—M-S	99¾	--
4¾s debentures 1982—F-A	103¼	--
Atlantic City El 2⅞s ser A '80—M-N	82⅛	--
1st mtge 3s 1984—M-S	82¼	--
1st mtge 3¼s 1985—M-S	84¾	--
1s tmtge 4½s 1987—J-J	102½	103
1st mtge 3⅞s 1988—A-O	93	--
1st mtge 4½s 1991—M-S	102	--
1st mtge 4½s 1992—J-J	102	--
1st mtge 4⅜s 1993—M-S	100	--
Baltimore Gas & Electric Co—		
1st & ref mtge 4⅞s 1980—J-D	105	--
4⅞s s f debentures 1986—J-D	105½	--
1st & ref mtge 4⅜s 1992—J-J	100½	--
Baltimore Transit Co—		
Debs 4s series A 1975—J-J	f99¾	--
Debs 5s series A 1975—J-J	f99¾	--
Bell Telephone of Canada—		
3s series E 1977—M-S	71½	73½
3¼s series F 1973—F-A	77¼	79¼
4½s series J 1967—J-D	97½	98½
3¾s series K 1979—M-N	84	85
4s series L 1970—J-D	92½	93½
4s series M 1981—J-D	84½	86
6¼s series R Jan 2 1978	95	97
6s series U Jan 2 1986	94	96
Bell Telep Co of Pennsylvania—		
3s debentures 1974—A-O	88¼	--
3¼s debentures 1996—M-S	81¼	--
3¾s debentures 1989—F-A	92	--
4¾s debentures 2001—M-N	105¼	--
4⅜s debentures 2003—F-A	100¼	--
Birmingham Elec Co 3s 1974—F-A	88⅛	--
Blackstone Val G & E 3s '73—M-N	88¼	--
1st mtge & coll tr 4⅛s 1983—M-S	97½	--
Boston Edison Co—		
1st mtge 2¾s ser B 1980—A-O	81⅛	--
1st mtge 3⅛s ser D 1982—J-J	85⅛	--
1st mtge 3s ser E 1984—F-A	82¼	--
1st mtge 4⅝s ser F 1987—J-D	103¼	--
1st mtge 4¼s ser H 1992—J-D	99¾	--
Brazilian Traction Light & Power		
4½s 1971—M-S	64	69
British Columbia Electric Co Ltd—		
3¼s series A 1967—J-J	94	95
3¼s series B 1967—A-O	89½	90½
3¾s series C 1968—A-O	94	95
3¾s series D 1969—F-A	90½	91½
4¼s series K 1981—F-A	86	88
5s series L 1982—F-A	93	94
5⅛s series M 1988—J-J	94	--
5½s series N 1989—M-S	97½	98½
5¾s series A 1977—A-O	99	100½
Brockton Edison Co—		
1st M & coll tr 3s 1978—M-S	85	--
1st M & coll tr 3⅜s 1985—J-D	86¾	--
1st M & coll tr 4⅝s 1987—M-S	103¼	--
1st M & coll tr 5¼s 1989—A-O	105½	--
California Electric Power—		
1st mtge 3s 1978—J-D	84¾	--
1st mtge 2⅞s 1980—J-D	82⅛	--
1st mtge 3¼s 1984—M-N	84½	--
1st mtge 3⅝s 1985—M-S	88¾	--
1st mtge 4½s 1986—A-O	101½	--
1st mtge 4⅝s 1987—A-O	102¾	--
1st mtge 4½s 1988—M-S	101½	--
1st mtge 5⅛s 1990—M-N	105¼	--
1st mtge 5s 1991—J-J	104¾	--
California-Pacific Utilities—		
1st 3¼s series B 1971—F-A	92½	--
California Water Service—		
1st mtge 3¼s ser C 1975—M-N	89⅜	--
Cambridge Electric Light Co—		
2⅞s notes series A 1974—A-O	86½	--
3⅞s notes series B 1988—J-J	93	--
Canada Electric Co Ltd—		
1st s f 3½s series A 1967—F-A	92	--
1st 4s series B 1968—F-A	91½	--
Gen s f 4½s series B 1972—M-N	90	--
Carolina Pwr & Light 2⅞s '81—F-A	81½	--
1st mtge 3½s 1982—A-O	88⅝	--
1st mtge 4⅛s 1988—M-S	97	--
1st mtge 4½s 1991—M-N	102	--
1st mtge 4⅞s 1990—A-O	104½	--
Cascade Natural Gas Corp—		
5½s subord debs ww 1983—M-N	109½	--
5½s ex-warrants 1983	102½	--
5¼s 1970	123½	126
Central Electric & Gas Co—		
4¾s conv subord debs 1973—M-N	179	--
5s conv subord debs 1975—J-J	157	--
Central Hudson Gas & El Corp—		
1st mtge 4⅛s 1988—M-N	97	--
Central Illinois Elec & Gas Co—		
1st mtge 3s 1975—F-A	87⅞	--
1st mtge 3⅜s 1985—J-D	86½	--
1st mtge 5s 1990—J-J	105¼	--
Central Illinois Light Co—		
1st mtge 2⅝s 1979—J-D	79¾	--
1st mtge 4⅝s 1987—J-J	103¼	--
1st mtge 4s 1988—J-J	95¼	--
4⅞s 1st mtge 1990—M-S	105	--
1st mtge 4¼s 1993—M-S	98⅞	--
Central Illinois Public Service—		
1st mtge 3⅜s series A 1971—A-O	94	--
1st mtge 3⅜s series B 1977—M-S	89⅛	--
1st mtge 3⅛s series C 1979—J-J	85¼	--
1st mtge 3⅜s series D 1982—F-A	87½	--
1st mtge 3½s series E 1982—M-S	88⅜	--
1st mtge 3¼s series F 1984—J-D	84¾	--
1st mtge 4⅛s series G 1988—F-A	97¼	--
1st mtge 4¾s series H 1989—J-J	104½	--
1st mtge 4½s series I 1993—M-N	102¼	--
2⅞s s f debs 1970—J-D	90⅞	--
Central Indiana Gas 2⅞s 1971—M-N	89¼	--
Central Louisiana Electric Co—		
1st mtge 5⅛s series I 1989—A-O	104	--
Central Maine Power Co—		
1st & gen mtge bonds—		
3½s series L 1970—A-O	94½	--
3½s series M 1972—M-S	93½	--
2¾s series N 1976—M-N	84½	--
3⅛s series Q 1978—J-D	87¼	--
3s series R 1979—M-S	84	--
2⅞s series S 1979—M-N	83	--
3⅝s series T 1981—M-N	89¾	--
3⅝s series U 1983—M-S	89¼	--
3⅜s series V 1985—A-O	86¼	--
4⅞s series W 1987—M-N	104¾	--
5¼s series X 1990—M-N	106	--
Central Power & Light Co—		
1st mtge 3⅛s series A 1973—M-N	90	--
1st mtge 3¼s series B 1977—A-O	88¼	--
1st mtge 3s series C 1980—M-N	83¼	--
1st mtge 3½s series D 1982—M-S	89	--
1st mtge 3⅛s series F 1984—A-O	83½	--
1st mtge 3¼s series G 1986—F-A	84¼	--
1st mtge 4s series H 1988—F-A	95¼	--
1st mtge 4¾s series I 1989—A-O	104¾	--
S f debs 2⅞s 1974—J-D	86¼	--
Cent Vermont Public Serv Corp—		
1st mtge 2¾s series D 1975—F-A	85	--
1st mtge 2⅞s series F 1980—M-N	82¼	--
1st mtge 3½s series G 1981—F-A	88¾	--
1st mtge 3⅜s series H 1982—M-N	87¾	--
1st mtge 3¼s series K 1984—J-D	84¼	--
Charleston Cons Ry Gas & Elec—		
Consol gold 5s 1999—M-S	102	--
Ches & Potomac Telep Co		
of Balt City 3¼s debs 1995—F-A	81½	--
4⅛s debentures 1993—J-D	97¼	--
4⅜s debentures 2002—J-J	100¼	--
Ches & Potomac Telep Co		
(Wash D C)—		
4⅜s debentures 1998—F-A	100	--
Ches & Potomac Tele Co of W Va—		
5s debentures 2000—M-S	106	--
Chesapeake Utilities Corp—		
6s debentures 1983—J-J	95	--
Cincinnati Gas & Electric—		
1st mtge 5s 1990—M-N	106	--
1st mtge 4⅜s 1992—J-D	100⅝	--
Cincinnati & Suburban Bell Telep—		
4½s debentures 1993—A-O	102¼	--
4⅜s debentures 2002—F-A	100½	--
Cincinnati Transit Co—		
4½s cum inc debs March 1998	79	80
Citizens Utilities Co 3½s 1972—M-S	93½	--
Cleveland Electric Illuminating—		
All bonds listed NYSE		
Colorado Interstate Gas Co—		
1st mtge pipe line 3.35s 1974	90	--
1st mtge pipe line 4.70s 1979—M-S	102¼	--
Columbia Gas System Inc—		
5⅛s debentures 1986—J-D	104½	--
4½s debentures 1987—J-D	100¾	--
4⅝s debentures 1987—F-A	103	--
4⅜s debentures 1987—M-N	99¼	--
4⅜s debentures 1988—J-J	99½	--
All other issues listed NYSE		
Columbus & South Ohio Electric—		
1st mtge 3¼s 1981—M-S	86½	--
1st mtge 3¼s 1984—A-O	85	--
1st mtge 4⅛s 1988—J-J	97	--
1st mtge 4⅜s 1992—M-N	100⅝	--
Commonwealth Edison Co—		
1st mtge 3¼s series O 1982—J-J	86¼	--
1st mtge 3s series Q 1984—M-N	82⅜	--
1st mtge 3½s series R 1986—J-D	88	--
1st mtge 4¼s series S 1987—M-S	99	--
1st mtge 3¾s series T 1988—M-S	91½	--
1st mtge 4⅝s series U 1990—M-S	103	--
3⅛s s f debentures 2004—A-O	77½	--
3⅞s s f debentures 2008—J-J	92	--
4⅝s s f debentures 2009—J-J	103	--
4¾s s f debentures 2011—J-D	104¼	--
Community Public Service Co—		
1st mtge 4½s series G 1993—J-J	101½	--
4⅜s s f debentures 1978—J-D	98	--
Connecticut Light & Power—		
1st & ref M 3s ser I 1974—M-S	88¼	--
1st & ref M 3⅞s ser O 1988—J-J	93¼	--
1st & ref 4⅞s ser P 1990—F-A	104¼	--
Consolidated Edison Co of N Y—		
1st & ref 4⅜s ser X 1992—J-D	100¾	--
All other bonds listed NYSE		
Consolidated Natural Gas Co—		
All bonds listed NYSE		
Consumers Power Co—		
1st mtge 2⅞s 1977—M-S	85	--
1st mtge 3⅛s 1981—A-O	85⅜	--
1st mtge 3¼s 1987—A-O	83½	--
1st mtge 3s 1984—J-D	82¼	--
1st mtge 3¼s 1990—F-A	82	--
1st mtge 4s 1986—F-A	95	--
Dallas Power & Light—		
1st mtge 2⅞s 1979—A-O	82½	--
1st mtge 3½s 1983—M-S	88½	--
3¼s s f debentures 1980—F-A	87	--
1st mtge 3⅛s 1986—F-A	82¾	--
1st mtge 4¼s 1986—J-D	99¼	--
1st mtge 4¼s 1993—F-A	99	--
Dayton Power & Light Co—		
All bonds listed NYSE		
Delaware Power & Light Co—		
All bonds listed NYSE		
Des Moines Transit Co—		
Income 5s series A 1974	f29	31
Detroit Edison Co—		
All bonds listed NYSE		
Diamond State Telephone Co—		
4¾s debentures 1994—A-O	104½	--
Duke Power Co 2⅞s 1979—F-A	83	--
1st & ref mtge 3¼s 1981—A-O	86¾	--
1st & ref mtge 3s 1975—J-J	88¼	--
1st & ref 3⅝s 1986—M-N	90¼	--
4⅞s s f debentures 1982—M-S	104½	--
1st & ref M 4½s 1992—F-A	102½	--
1st & ref M 4¼s ser B 1992—F-A	99¼	--
Duquesne Light Co—		
All bonds listed NYSE		
East Kootenay Power Co—		
3¾s series A 1967—M-N	94½	--
East Tennessee Natural Gas—		
5s conv debentures 1968—M-N	108	--
Eastern Lt & Pow 4s A 1965—J-J	97	--
Eastern Utilities Associates—		
Coll trust 3⅝s 1979—J-D	88	89
Elizabethtown Water Co—		
4⅞s debentures 1992—F-A	104	--
El Paso Electric Co 2¾s 1976—A-O	84⅝	--
1st mtge 3⅛s 1984—M-S	83½	--
1st mtge 4¼s 1988—J-J	99½	--
4½s s f debentures 1978—J-J	102¼	--
1st mtge 4⅝s 1992—F-A	102¾	--
El Paso Natural Gas Co—		
5¼s conv debs 1977—M-S	107⅛	--
Emp Dist Electric Co 3½s 1969—M-S	94	--
Equitable Gas Co 3¼s 1973—J-J	91	--
3⅜s s f debs 1970—M-S	93	--
Fall River El Lt 3¾s 1983—J-J	92⅜	--
1st mtge & coll tr 4⅜s 1988—A-O	100	--
Florida Power Corp 3⅜s 1974—J-J	91⅛	--
1st mtge 3¼s 1978—M-N	87¾	--
1st mtge 3⅜s 1982—M-N	87½	--
1st mtge 3⅛s 1984—J-J	83½	--
1st mtge 3⅞s 1986—J-J	93¼	--
1st mtge 4⅛s 1988—J-J	97½	--
1st mtge 4¾s 1990—A-O	104½	--
1st mtge 4¼s 1992—M-N	98¾	--

a Called for redemption, see page 94. b Basis. e Ex-interest. f Flat price. k Last sale. n Nominal. r Canadian dollar value.

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PUBLIC UTILITY BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

NOTICE—All bond prices are "and interest" except where marked "f" and income and defaulted bonds

Bonds—		Ask
Florida Power & Light Co—		
1st mtge 3½s 1974 J-J	93½	--
3¼s s f debs 1972 J-J	92	--
1st mtge 3⅞s 1983 A-O	93¾	--
1st mtge 3⅛s 1984 M-N	83½	--
1st mtge 4⅜s 1986 J-D	100½	--
1st mtge 4⅛s 1988 A-O	97½	--
1st mtge 5s 1989 J-D	105¼	--
1st mtge 4½s 1992 F-A	102¼	103
Fort Worth Transit 4½s 1973 J-J	88	--
Gatineau Power Co—		
1st mtge 3s series C 1970 J-D	89	90½
3¼s series D 1970 J-D	83½	85½
General Telephone & Electronics—		
4⅞s s f debentures 1987	104	--
4½s s f debs 1988 M-S	100¼	--
General Telephone Co of Calif—		
4½s series J 1986 M-S	101½	102
1st mtge 5s series K 1987 J-D	105	--
1st mtge 4⅛s series L 1988 M-S	96⅜	--
1st mtge 5s series M 1989 J-D	105	--
1st mtge 4⅝s series N 1991 J-D	103	--
1st mtge 4⅜s series O 1993 M-N	99¼	--
General Telephone Co of Florida—		
1st mtge 5s series G 1990 M-S	104¾	--
1st mtge 4⅝s series H 1991 M-N	103	--
Georgia Power Co—		
1st mortgage 3⅜s 1977 J-D	88⅝	--
1st mortgage 2⅞s 1980 A-O	81⅜	--
1st mortgage 3½s 1981 J-D	88¾	--
1st mortgage 3⅜s 1982 J-J	87¼	--
1st mortgage 3⅛s 1984 A-O	82¾	--
1st mortgage 3⅜s 1985 M-N	86½	--
1st mortgage 3⅜s 1986 A-O	89¼	--
1st mortgage 5¼s 1987 J-D	105½	--
1st mortgage 4⅛s 1988 M-S	96¼	--
1st mortgage 5¾s 1989 M-S	105	--
1st mortgage 4⅞s 1990 M-N	103½	--
1st mortgage 4⅝s 1991 A-O	102½	--
1st mortgage 4⅜s 1992 M-N	100	100¾
Gulf Power 1st 3⅛s 1971 M-S	90½	--
1st mtge 3¼s 1984 J-J	84½	--
1st mtge 4s 1988 F-A	94½	--
1st mtge 4¾s 1989 A-O	103¼	--
1st mtge 5s 1990 J-J	105	--
Gulf States Utilities Co—		
1st mtge 4s 1988 M-N	95	--
1st mtge 4¾s 1989 J-J	104	--
1st mtge 4⅞s 1990 J-J	104½	--
1st mtge 5¼s series A 1989 J-D	106	--
4⅝s debentures 1981 A-O	103	--
1st mtge 4⅜s 1992 M-N	100¼	--
Hackensack Water Co—		
3½s s f debs 1985 J-D	87¾	--
Hartford Elec Lgt 3¼s 1971 M-S	92	--
1st mtge 4⅜s ser E 1988 A-O	100	--
1st mtge 4¼s 1993 A-O	98¾	--
Hawaiian Electric Co Ltd—		
4.70s series J 1987 M-S	102	--
4.65s series L 1991 A-O	101¾	--
Houston Lighting & Power—		
1st mtge 2⅞s 1974 M-N	86½	--
1st mtge 3¼s 1986 M-S	84½	--
1st mtge 4⅞s 1989 F-A	104½	--
1st mtge 4½s 1992 F-A	102	--
Idaho Power Co 3¼s 1981 A-O	86¾	--
1st mtge 4½s 1987 J-J	102	--
4¼s s f debentures 1983 A-O	98½	--
1st mtge 4½s 1988 A-O	102	--
1st mtge 5s 1989 M-N	105½	--
1st mtge 4⅞s 1990 M-N	104⅝	--
1st mtge 4½s 1991 M-N	101¾	--
Illinois Bell Telephone Co—		
1st mtge 3⅛s ser C 1984 A-O	84⅜	--
1st mortgage 3¼s ser D 1995 J-J	81⅝	--
1st mtge 4¼s ser E 1988 M-S	99	--
1st mtge 4⅜s ser F 1994 M-S	100½	--
1st mtge 4⅞s ser G 1997 J-J	104½	105½
1st mtge 4⅜s ser H 2003 J-J	100½	--
Illinois Power Co—		
1st mtge 2⅞s 1976 M-S	85½	--
S f debs 2¾s 1966 M-S	96¼	--
1st mtge 3⅛s 1978 F-A	85¾	--
1st mtge 2⅞s 1979 J-J	82¾	--
1st mtge 2¾s 1980 A-O	81	--
1st mtge 3½s 1982 M-S	89¼	--
1st mtge 3½s 1983 M-N	88½	89
1st mtge 3¾s 1986 J-J	91¾	--
1st mtge 4s 1988 M-N	95	--
1st mtge 4¼s 1993 J-J	99	--
Indiana Assoc Tel 3s 1975 M-N	86¼	--
Indiana Bell Telephone Co—		
4⅜s debentures 2003 J-D	100½	--
Indiana Gas & Water Co—		
1st mtge 2⅞s ser A 1980 M-S	82¼	--
Indiana & Michigan Electric Co—		
1st mtge 3s 1978 M-S	85	--
1st mtge 2¾s 1980 J-D	81	--
1st mtge 3¼s 1982 J-J	86½	--
1st mtge 3⅝s 1983 M-S	91	--
1st mtge 3⅛s 1984 A-O	83½	--
1st mtge 3⅞s 1988 F-A	93¼	--
1st mtge 4¾s 1988 M-N	104½	--
5⅛s s f debentures 1986 J-D	105¾	--
1st mtge 4⅜s 1993 F-A	100¾	--
Indianapolis Power & Light—		
1st mtge 3s 1974 A-O	88	--
1st mtge 2⅞s 1979 A-O	82¾	--
1st mtge 3⅝s 1983 M-S	89½	--
1st mtge 3⅜s 1986 J-D	89	--
1st mtge 4⅛s 1988 M-S	97	--
1st mtge 4⅝s 1990 A-O	103	--
Indianapolis Rys 5s 1967 J-J	94	--
Inland Natural Gas—		
5½s series A 1977	89	90
Inter-County Tel & Tel Co—		
4s conv subord debs 1978 J-J	113	115
Intermountain Gas Co—		
6s subord debs 1982 J-D	100½	102½
5¾s subord debs 1987 A-O	102½	104½
Units	68½	--
Interprovincial Pipe Line—		
1st coll trust 3½s 1970 J-J	95	97
Interstate Power Co—		
1st mtge 3½s 1982 J-J	87½	--
1st mtge 5s 1987 M-N	105	--
1st mtge 4⅞s 1991 M-N	104¼	--
1st mtge 4⅜s 1993 M-N	99¾	--
Iowa Illinois Gas & Elec Co—		
1st mtge 2¾s 1977 M-S	83½	--
1st mtge 2¾s 1979 A-O	81¾	--
3¼s conv debs 1968 M-S	176	--
1st mtge 5s 1990 A-O	105	--
1st mtge 4⅞s 1991 M-N	104¾	--
Iowa Power & Light Co—		
1st mtge 3¼s 1973 F-A	91¼	--
1st mtge 3s 1978 F-A	85	--
1st mtge 2¾s 1979 J-D	81¾	--
1st mtge 3¼s 1982 M-N	86	--
1st mtge 3⅜s 1983 J-D	87¼	--
1st mtge 3⅝s 1986 J-D	89¾	--
1st mtge 3⅝s 1988 J-J	89¼	--
1st mtge 4⅝s 1991 J-J	103	--
Iowa Public Service Co (Del)—		
1st mtge 2¾s 1976 J-D	84⅜	--
1st mtge 3¼s 1978 M-N	87½	--
1st mtge 2¾s 1975 J-D	84¾	--
1st mtge 3½s 1981 J-J	88½	--
1st mtge 3s 1984 M-N	82	--
1st mtge 4¼s 1988 M-S	98¾	--
Iowa Southern Util 3⅞s 1983 F-A	93¼	--
1st mtge 4⅜s 1992 M-S	100	--
Jacksonville Coach Co 5s 1971 J-J	94	--
Jamaica Water Supply Co—		
1st mtge 2⅞s ser C 1975 M-S	85½	--
Jersey Central Pow & Lt Corp—		
1st mtge 3¼s 1984 J-D	84½	--
1st mtge 3½s 1985 M-N	87½	--
1st mtge 4⅛s 1986 F-A	96¾	--
1st mtge 5s 1987 J-J	105	--
1st mtge 5¼s 1989 J-J	106¼	--
1st mtge 5⅜s 1990 J-D	107	--
1st mtge 4⅜s 1992 M-N	100¼	--
Kansas City Power & Light—		
1st mtge 3¼s 1983 J-J	85½	--
1st mtge 3¼s 1985 F-A	84½	--
1st mtge 5s 1990 J-J	105¼	--
Kansas Gas & Electric Co—		
1st mtge 3⅜s 1982 J-D	87¼	--
1st mtge 3⅛s 1978 M-S	86½	--
1st mtge 3⅝s 1983 A-O	89½	--
1ts mtge 3⅜s 1985 M-S	86¾	--
1st mtge 3⅜s 1986 F-A	86¼	--
1st mtge 4⅝s 1991 J-J	103¼	--
Kansas-Neb Nat Gas 3⅜s '65 A-O	99½	--
Kansas Pwr & Lt 2⅞s 1979 A-O	82¾	--
Kentucky-Ohio Gas Co 2s 1973 J-D	f20	--
Kentucky Utilities Co—		
1st mtge 3s ser A 1977 M-N	85½	--
1st mtge 3¼s ser B 1979 J-J	86¾	--
1st mtge 2⅞s ser C 1980 J-J	82	--
1st mtge 3½s ser D 1982 J-D	88¼	--
1st mtge 3⅞s ser E 1983 A-O	93¼	--
1st mtge 3⅜s ser F 1985 A-O	86¼	--
1st mtge 3¾s ser G 1986 A-O	91¼	--
Kentucky & West Va Power Co—		
1st mtge 3s 1979 M-N	83¼	--
Kings County Lighting—		
3⅛s 1975 F-A	88⅝	--
Laclede Gas Co debs 3⅜s '74 M-S	89½	--
1st mtge 3¼s 1979 J-D	86½	--
1st mtge 4⅞s 1982 M-N	104¼	--
1st mtge 4⅞s 1985 J-J	104	--
4½s s f debs 1983 F-A	101¼	--
Laclede Gas Light Co—		
1st s f 3½s 1965 F-A	98	--
Lake Superior District Power—		
1st mtge 3s ser A 1975 A-O	87⅜	--
1st mtge 2¾s ser C 1980 J-J	80¾	--
1st mtge 3¼s ser D 1981 M-S	86½	--
1st mtge 3¾s ser E 1983 M-S	92	--
Lone Star Gas Co—		
4⅜s s f debentures 1988 M-S	--	100
Long Island Lighting Co—		
1st mtge 3⅜s series E 1982 A-O	87¼	--
1st mtge 3½s series F 1983 M-S	88¼	--
1st mtge 3¼s series G 1984 J-D	84½	--
1st mtge 3⅜s series H 1985 M-N	86½	--
1st mtge 4¾s series I 1986 J-D	103¾	--
1st mtge 4⅛ sseries J 1988 M-N	96⅛	--
1st mtge 5s series L 1991 F-A	105	--
Louisiana Gas Service Co—		
1st mtge 4½s 1987 J-D	100	--
Louisiana Power & Light Co—		
1st mortgage 3s 1974 A-O	88⅛	--
1st mortgage 3⅛s 1978 M-S	86¾	--
1st mortgage 3s 1980 M-N	83½	--
1st mortgage 3⅛s 1984 A-O	83½	--
1st mortgage 4¾s 1987 J-J	104¼	--
1st mortgage 5s 1990 A-O	105¼	--
Louisville Gas & Electric Co—		
All bonds listed NYSE		
Lower St Lawrence Power—		
1st ref 3¾s series B 1965 M-S	95	--
Madison Gas & El Co 2½s '76 J-J	81	--
1st mtge 2⅝s 1979 M-N	79¾	--
1st mtge 4⅝s 1988 A-O	103	--
Maine Public Service Co—		
1st mtge & coll tr 2⅞s 1975 A-O	85⅝	--
Massachusetts Electric Co—		
1st mtge 5s ser F 1991 J-J	105¼	--
1st mtge 4⅜s ser G 1992 M-S	100½	--
Meridionale Electric Co—		
7s series A 1957 A-O	178	--
Metropolitan Edison Co—		
1st mortgage 3s 1977 M-S	85¾	--
1st mortgage 3s 1978 M-S	85	--
1st mortgage 3¼s 1982 M-S	86¼	--
1st mortgage 3⅛s 1984 A-O	83½	--
1st mortgage 4⅞s 1987 J-D	104¼	--
1st mortgage 5s 1990 M-N	105¼	--
1st mortgage 4⅜s 1992 J-D	100¼	--
Mexican Light & Power Co—		
Extended 5s series A 1975 F-A	87½	89
Income deb stock 5½s	f64	67
Michigan Bell Telephone Co—		
4¾s debentures 1992 M-N	105½	106
4⅞s debentures 1994 F-A	106	--
4⅝s debentures 1996 F-A	104	--
Michigan Consolidated Gas—		
1st mortgage 3s 1975 M-N	87¼	--
1st mortgage 3½s 1976 F-A	93¼	--
1st mortgage 3⅜s 1979 J-J	88¾	--
1st mortgage 3½s 1980 M-N	89¼	--
1st mortgage 5⅛s 1986 J-D	106	--
1st mortgage 4½s 1988 M-S	102⅛	--
Michigan Wisconsin Pipe Line Co—		
1st mtge pipe line 5⅞s 1980 J-D	105	--
1st mtge pipe line 5½s 1981 J-D	105	--
1st mtge pipe line 4⅞s 1983 J-J	102⅝	102⅞
Mid-American Pipeline Co—		
6½s subord debs 1980 M-S	104	105
Midwestern Gas Transmission Co—		
1st M pipe line 5¾s 1980 J-D	104	--
Milwaukee Gas Light Co—		
1st 3⅛s 1975 M-N	88⅝	--
3⅜s s f debs 1970 M-N	92¼	--
1st mtge 4⅛s 1981 J-D	97	--
1st mtge 5⅝s 1985 M-N	107	--
1st mtge 4⅝s 1987 M-N	103	--
Minnesota Power & Light Co—		
1st mtge 3⅛s 1975 M-S	88¾	--
1st mtge 3⅝s 1981 J-J	90¼	--
1st mtge 4¾s 1987 M-S	104	--
Mississippi Power Co—		
1st 3⅛s 1971 M-S	90¾	--
1st mtge 2⅞s 1977 F-A	84½	--
1st mtge 2¾s 1980 M-S	80¾	--
1s mtge 3½s 1981 F-A	88¼	--
1st mtge 3⅜s 1986 M-S	85¾	--
1st mtge 4⅝s 1987 A-O	102½	--
1st mtge 5⅛s 1989 J-J	105	--
1st mtge 5s 1990 M-S	104¾	--
1st mtge 4½s 1992 A-O	101½	--
Mississippi Power & Light—		
1st mtge 3⅛s 1974 M-S	88⅜	--
1st mtge 2⅞s 1977 J-D	84¼	--
1st mtge 3⅛s 1979 J-J	84¾	--
1st mtge 2⅞s 1980 J-D	82	--
1st mtge 3⅜s 1983 M-S	89⅜	--
1st mtge 4⅛s 1988 A-O	96¾	--
Missouri Power & Light Co—		
1st 2¾s 1976 J-J	84¼	--
1st 2¾s 1979 M-N	80¾	--
1st mtge 3¼s 1984 J-J	84¾	--
1st mtge 4½s 1992 J-J	102	--
Monongahela Power Co—		
1st mtge 3s 1975 F-A	87½	--
1st mtge 3s 1977 M-S	86	--
1st mtge 3⅛s 1979 F-A	84¾	--
1st mtge 3⅜s 1981 A-O	87¼	--
1st mtge 3⅝s 1983 J-D	89½	--
1st mtge 4¾s 1984 A-O	103¾	--
Montana-Dakota Utilities—		
1st mtge 3s 1965 A-O	98½	--
1st mtge 3⅝s 1976 A-O	93¼	--
1st mtge 3⅜s 1975 M-S	90	--
1st mtge 3½s 1979 M-S	90⅜	--
1st mtge 5⅛s 1983 J-D	105¼	--
1st mtge 4½s s f 1982 J-D	101¾	--
1st mtge 4½s 1987 J-D	101¾	--
Montana Power 2⅞s 1975 A-O	85⅞	--
1st mtge 3⅛s 1984 M-N	83½	--
3¼s s f debentures 1979 M-N	87⅛	--
1st mtge 4½s 1989 A-O	102	--
Mountain Fuel Supply Co—		
3½s debentures 1971 A-O	94½	--
3⅛s debentures 1974 J-D	88⅞	--
4s debentures 1983 J-D	95½	--
4⅞s debentures 1986 M-S	104½	--
Mountain States Tel & Tel—		
3s debentures 1989 F-A	81½	--
3½s debentures 1990 J-J	88	--
4⅜s debentures 1988 F-A	100¾	--
5s debentures 2000 A-O	106	--
4½s debentures 2002 J-D	102	--
Mystic Valley Gas Co—		
1st mtge 3⅝s ser A 1974 F-A	92½	--
1st mtge 6s series B 1977 M-N	104½	--
Narragansett Electric Co—		
1st mtge 3s series A 1974 M-S	88⅛	--
1st mtge 3s series B 1978 M-N	84⅝	--
1st mtge 3⅜s series C 1982 M-S	87¼	--
1st mtge 3½s series D 1983 M-S	88¾	--
1st mtge 3½s series E 1986 M-S	87¾	--
National Fuel Gas 3s debs '73 J-J	88⅛	--
3¼s s f debentures 1977 M-N	87¾	--
3¼s s f debentures 1979 A-O	87	--
4⅞s s f debentures 1983 A-O	104	--
5⅛s s f debentures 1985 A-O	106	--
4⅞s s f debentures 1986 M-N	104½	--
Natural Gas Pipeline Co of America 4¾s debs 1978 J-J	102¼	--
4⅝s 1st mtge pipe line 1978 M-N	102¼	--
4⅝s 1st mtge pipe line 1979 A-O	102¾	--
5s 1st mtge pipe line 1980 A-O	104	--
4¾s debentures 1981 M-N	101½	--
4⅝s 1st mtge pipe line 1982 J-J	102¼	--
New Bedford Gas & Edison Light Co 3% notes A 1973 M-N	88¼	--
New England Electric System—		
3s debentures 1967 J-D	95¼	--
3¼s debentures 1977 J-D	87¾	--
New England Gas & Elec Assn—		
4s series C 1971 M-S	98	--
New England Power—		
1st mtge 3s series B 1978 J-J	84¾	--
1st mtge 2¾s series C 1979 J-J	81½	--
1st mtge 2⅞s series D 1981 F-A	82	--
1st mtge 3¼s series E 1982 J-D	86¼	--
1st mtge 3¼s series F 1985 J-J	85	--
1st mtge 4⅜s series G 1987 F-A	100¼	--
1st mtge 4s series H 1988 J-D	95¼	--
1st mtge 4⅝s series I 1991 M-N	103	--
1st mtge 4⅜s series J 1992 J-D	100	--

a Called for redemption, see page 94. b Basis. e Ex-interest. f Flat price. k Last sale. n Nominal. r Canadian dollar value.

tized for FRASER

PUBLIC UTILITY BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

NOTICE—All bond prices are "and interest" except where marked "f" and income and defaulted bonds

Bonds—	Bid	Ask
New England Tel & Tel—		
3¼s debentures 1977 J-D	88	--
3⅛s debentures 1988 J-D	81½	--
3¼s debentures 1991 M-N	83	--
4s debentures 1993 A-O	95¼	--
4⅝s debentures 1999 A-O	103½	--
4½s debentures 2002 J-J	102½	--
New Jersey Bell Telephone—		
2¾s debentures 1990 M-S	74¾	--
3¼s debentures 1984 M-N	85½	--
3s debentures 1989 M-N	79⅞	--
3⅜s debentures 1995 J-D	83½	--
3⅞s debentures 1993 A-O	92½	--
4⅞s debentures 2000 M-N	106½	--
New Jersey Power & Light—		
1st mtge 3s 1978 J-D	84½	--
1st mtge 2⅞s 1979 J-D	82½	--
1st mtge 3⅛s 1984 F-A	83¼	--
1st mtge 4⅛s 1988 M-N	96½	--
1st mtge 4⅞s 1990 J-J	104¼	--
New Orleans Public Service Co—		
1st mtge 3⅛s 1974 J-J	89	--
1st mtge 3¼s 1978 A-O	86¾	--
1st mtge 4⅛s 1983 A-O	96¾	--
1st mtge 3¼s 1984 J-D	84½	--
1st mtge 4½s 1987 A-O	101	--
1st mtge 4½s 1992 A-O	101½	--
1st mtge 5s 1991 J-D	104¼	--
N Y State Elec & Gas Corp—		
1st mtge 3s 1978 A-O	85¾	--
1st mtge 3¼s 1984 M-N	85	--
1st mtge 3⅜s 1985 M-S	86¾	--
1st mtge 4⅝s 1987 M-N	103½	--
1st mtge 3⅞s 1988 F-A	93¼	--
1st mtge 4⅝s 1991 M-N	103¼	--
4½s s f debentures 1992 J-D	102	--
New York Telephone Co—		
Ref mtge 4⅝s series L 1997 A-O	103¾	--
Ref mtge 4⅝s series M 2002 J-J	103¾	--
Ref mtge 4¼s series N 2000 J-J	98½	--
Niagara Mohawk Power Corp—		
Gen mtge 3⅜s 1981 J-D	87¾	--
Gen mtge 3⅛s 1984 F-A	83¾	--
Gen mtge 3⅝s 1986 M-N	90⅛	--
Gen mtge 3⅞s 1988 J-D	93¼	94
Gen mtge 4¾s 1990 A-O	104½	--
Gen mtge 4½s 1991 M-N	101¾	--
Nippon Tel & Tel Public Corp—		
5¾s gtd $ bonds 1978 J-J	98	98½
North Carolina Natural Gas—		
6s conv 2nd mtge 1981 A-O	134	139
6s sub inc debentures 1983 F-A	f75	--
North Shore Gas Co (Mass)—		
1st 4s series B 1975 J-D	86	--
Northern Illinois Gas 3½s '79 J-J	90½	--
1st mtge 3¾s 1981 A-O	92¾	--
1st mtge 5s 1984 J-D	105	--
1st mtge 4⅝s 1985 J-J	103½	104½
1st mtge 4⅜s 1988 J-J	100⅜	100¾
Northern Indiana Public Service—		
1st mtge 3⅛s series C 1973 F-A	89⅛	--
1st mtge 4½s series J 1989 J-J	102¾	--
1st mtge 4⅞s series K 1990 F-A	104¾	--
1st mtge 4⅜s series L 1992 M-S	100¾	--
1st mtge 4½s series M 1993 A-O	103½	--
4s conv debs 1976 A-O	125	--
Northern Natural Gas Co—		
4⅜s due 1983 (now listed NYSE)		
All bonds listed NYSE		
Northern Ontario Nat Gas—		
5¾s subord debs 1982 J-D	83	85
Northern States Power Co (Minn)—		
All bonds listed NYSE		
Northern States Power Co (Wis)—		
All bonds listed NYSE		
Northwest Natural Gas Co—		
1st mtge 5⅛s 1984 F-A	103	--
1st mtge 5⅛s 1986 J-J	102¾	--
Northwestern Bell Telephone—		
4⅜s debentures 1989 M-N	100¾	--
4⅞s debentures 1998 J-D	105	--
4⅜s debentures 2003 M-S	100½	--
Northwestern Public Service—		
1st mtge 3s 1973 A-O	88⅛	--
1st mtge 5¼s 1987 J-J	105¼	--
Ohio Edison Company—		
1st mtge 3¼s 1984 J-J	85¼	--
1st mtge 3¼s 1985 M-N	85	--
1st mtge 4¼s 1988 M-S	98⅞	--
1st mtge 4½s 1989 M-S	102	--
1st mtge 4¾s 1991 J-D	104¾	--
Ohio Power Co—		
1st mtge 3⅜s 1981 A-O	87¾	--
1st mtge 3⅜s 1983 J-J	87¼	--
1st mtge 3⅛s 1984 A-O	83½	--
1st mtge 3⅜s 1985 M-S	86¾	--
1st mtge 4¼s 1986 M-N	99	--
1st mtge 4⅞s 1987 M-N	104¼	--
1st mtge 4⅝s 1989 A-O	103¼	--
Ohio Water Service—		
6s conv subord debs 1977 A-O	137	--
Oklahoma Gas & Electric Co—		
All bonds listed NYSE		
Orange & Rockland Utilities—		
1st mtge 4½s ser F 1988 J-D	101	--
1st mtge 4⅞s ser G 1991 A-O	103¾	--
Otter Tail Power Co—		
5¼s conv debs 1967 M-N	202	--
1st mtge 4⅞s 1991 F-A	105	--
Pacific Gas & Electric Co—		
All bonds listed NYSE		
Pacific Gas Transmission—		
5½s conv debentures 1986 F-A	117	--
Pacific Lighting Gas Supply Co—		
Sink fd debs 5s ser A 1980 A-O	104¼	--
Pacific Northwest Bell Telephone—		
4½s debentures 1994 M-N	102¼	--
4⅜s debentures 2002 M-S	100½	--
4½s debentures 2003 A-O	102½	--
Pacific Power & Light Co—		
1s mtge 3¼s 1977 J-J	86⅜	--
1st mtge 3½s 1984 F-A	87	--
4¾s conv debs 1974 M-S	147	--
1st mtge 4¾s 1992 A-O	102¼	--
1st mtge 5⅛s 1990 M-S	104½	--
1st mtge 4½s 1992 J-D	100½	--
1st mtge 4⅝s 1993 F-A	101	--
Pacific Telephone & Telegraph—		
3¼s debentures 1979 M-N	87½	--
3⅛s debentures 1989 M-N	81¼	--
5⅛s debentures 1980 F-A	106½	--
4⅝s debentures 1990 M-N	103¼	--
5⅛s debentures 1993 F-A	105	--
Panhandle Eastern Pipe Line—		
3¼s s f debs 1973 F-A	90⅜	--
2¾s debentures 1975 J-D	84¾	--
3⅛s debentures 1974 J-D	89	--
4⅜s debentures 1982 A-O	100	--
Pennsylvania Electric Co—		
1st mtge 3⅜s 1972 J-J	93	--
1st mtge 3⅛s 1973 M-S	89¼	--
1st mtge 2¾s 1976 J-D	84¾	--
1st mtge 2¾s 1979 M-N	81⅛	--
1st mtge 3⅜s 1982 F-A	87¼	--
1st mtge 4⅛s 1983 J-D	97	--
1st mtge 3⅛s 1984 M-S	83¼	--
1st mtge 3⅞s 1986 M-N	93½	--
1st mtge 4s 1988 M-S	95¼	--
1st mtge 5s 1989 F-A	105¼	--
1st mortgage 5s 1990 M-N	105¼	--
1st mtge 4⅝s 1991 M-N	103	--
5¼s debentures 1986 J-D	106½	--
Pennsylvania Gas & Water Co—		
Quotes under old name of		
Scranton Spring Brook Water Ser		
Pennsylvania Power Co—		
1st mtge 2⅞s 1975 M-N	86	--
1st mtge 2¾s 1980 M-S	81	--
1st mtge 3¼s 1982 F-A	86⅛	--
1st mtge 4⅜s 1992 M-S	100½	--
1st mtge 4⅜s 1993 J-D	100⅛	100⅝
Pennsylvania Power & Light—		
1st mortgage 4⅝s 1991 J-D	103¼	--
Pennsylvania Telep 2⅞s 1975 J-J	86¼	--
Peoples Gas Light & Coke—		
1st & ref M 3¼s ser I 1979 J-J	87	--
1st & ref M 4⅝s ser J 1986 M-N	102¾	--
Philadelphia Electric Co—		
All bonds listed NYSE		
Philadelphia Elec Pwr 2⅝s 1975 J-J	82¾	--
Philadelphia Suburban Water—		
1st mtge 4⅛s 1988 M-N	96	--
Philadelphia Transportation Co—		
Consol mtge 3-6s ser A 2039 J-J	84½	86½
1st & ref mtge 3¾s ser B '70 J-D	91	94
Pioneer Nat Gas debs 5½s '77 M-S	103	--
Pittsburgh Rys Co 5s 1970 J-J	99½	101
Portland Gas & Coke Co—		
1st mtge 3⅛s 1976 J-J	86	--
1st mtge 4⅜s 1976 A-O	98¾	--
Portland General Electric Co—		
1st mtge 3⅛s 1975 J-J	88⅜	--
1st mtge 3½s 1977 M-N	89½	--
Potomac Edison Co—		
1st mtge & coll tr 3s 1974 A-O	88⅛	--
1st mtge & coll tr 3⅛s 1978 J-J	86¼	--
1st mtge & coll tr 3¼s 1977 J-D	87¾	--
1st mtge & coll tr 3⅜s 1981 A-O	87½	--
1st mtge & coll tr 4⅝s 1987 M-N	103	--
Potomac Electric Power Co—		
1st mtge 2¾s 1985 M-N	77⅝	--
1st mtge 3¼s 1987 M-S	83¼	--
1st mtge 3⅞s 1988 J-D	93¼	--
1st mtge 3⅜s 1990 J-D	85	--
1st mtge 3⅝s 1991 J-D	89½	--
1st mtge 4⅝s 1993 J-D	103	--
1st mtge 5¼s 1994	107	--
1st mtge 5s 1995 J-D	106	--
1st mtge 4⅝s 1982 J-D	103	--
1st mtge 4⅜s 1998	100¾	--
Public Service Co of Colorado—		
1st mtge 2⅞s 1977 J-D	85	--
1st mtge 3⅛s 1978 A-O	86½	--
1st mtge 3¼s 1981 A-O	86½	--
1st mtge 3⅛s 1984 A-O	83½	--
1st mtge 4⅜s 1987 M-N	100½	--
1st mtge 4⅝s 1989 M-N	103	--
1st mtge 4½s 1991 A-O	102	--
Public Service Co of Indiana—		
1st mtge 3⅛s ser F 1975 M-S	88¾	--
1st mtge 3⅛s ser G 1977 M-N	87¼	--
1st mtge 3s ser H 1979 J-J	84¼	--
1st mtge 3⅜s ser J 1982 J-J	87¼	--
1st mtge 3⅜s ser K 1984 J-J	86¾	--
1st mtge 4⅜s ser M 1989 F-A	100¾	--
Public Service Co of N H—		
1st mtge 3¼s ser A 1973 J-J	90⅜	--
1st mtge 3¼s ser C 1978 J-J	87¼	--
1st mtge 3¼s ser D 1978 A-O	87¼	--
1st mtge 3s ser E 1979 J-D	84¼	--
1st mtge 3¼s ser H 1984 M-N	85	--
1st mtge 3⅞s ser I 1986 J-D	93¼	--
1st mtge 4⅝s ser M 1992 J-J	103⅛	--
Public Service Co of Oklahoma—		
1st mtge 2¾s ser A 1975 J-J	85½	--
1st mtge 2⅞s ser B 1978 F-A	83¾	--
1st mtge 3⅛s ser C 1981 A-O	85½	--
1st mtge 3⅜s ser D 1983 M-S	87¼	--
1st mtge 3s ser E 1984 F-A	82¼	--
1st mtge 4¼s ser F 1987 F-A	99¼	--
1st mtge 3⅞s ser G 1988 M-N	93¼	--
1st mtge 4⅛s series I 1993 J-J	97¼	--
Pub Serv Coordinated Transport—		
1st & ref 4s 1990 J-J	97	--
1st & ref 5s 1990 J-J	104½	--
1st & ref 5¾s 1990 J-J	108	--
1st & ref 6s 1990 J-J	112	--
Public Service Elec & Gas Co—		
1st & ref M 2¾s 1980 M-N	81	--
1st & ref M 3¼s 1984 M-N	84¾	--
1st & ref M 4⅜s 1986 M-N	100¾	--
1st & ref M 4⅞s 1987 M-S	105	--
1st & ref M 4⅝s 1988 F-A	103¼	104
1st & ref M 5⅛s 1989 J-D	106	--
1st & ref M 4¾s 1990 M-S	104¾	--
1st & ref M 4⅜s 1992 F-A	100¼	--
4¾s debentures 1981 A-O	104½	--
1st & ref M 4⅜s 1993 J-D	100¼	--
Puget Sound Power & Light—		
1st mortgage 4⅛s 1988 M-N	95¾	--
5¼s debentures 1983 M-N	103¾	--
1st mtge 5½s 1989 M-N	106	--
1st mtge 5⅜s 1990 A-O	104½	--
1st mtge 4⅝s 1991 F-A	102¼	--
Quebec Natural Gas Corp—		
5¾s subord debs 1985 A-O	83	85
Quebec Telephone Corp—		
1st 3½s series B 1967 F-A	92	--
1st 4s series C 1967 F-A	93	--
Rochester Gas & Electric Corp—		
1st mtge 3s series L 1979 M-S	84½	--
1st mtge 3⅜s series N 1982 J-D	87¼	--
3⅜s series O 1985 M-S	87	87½
1st mtge 4⅞s series R 1987 J-J	104½	--
1st mtge 5s series S 1989 A-O	105½	--
1st mtge 4½s series T 1991 M-N	102	--
Rochester Telephone Corp—		
1st mtge 2½s series A 1981 A-O	76¼	--
1st mtge 4¾s series E 1993 M-S	104¼	--
4¾s debentures 1987 J-J	104¼	--
Rockland Light & Power Co—		
1st mtge 3⅛s series C 1978 J-D	86	--
1st mtge 3¾s series D 1981	93	--
1st mtge 3¾s series E 1983 A-O	92¼	--
St Joseph Light & Power Co—		
1st mtge 2⅝s 1976 A-O	81¾	--
1st 3s 1979 J-J	84	--
1st mtge 5s 1989 J-D	105	--
San Diego Gas & Electric Co—		
1st mtge 3⅜s 1970 J-J	93½	--
1st mtge 3s series C 1978 M-S	84½	--
1st mtge 3¼s series D 1982 A-O	86¼	--
1st mtge 2⅞s series E 1984 A-O	80½	--
1st mtge 3¼s series F 1985 A-O	84¾	--
1st mtge 4⅞s series G 1987 A-O	104½	--
1st mtge 4⅝s series H 1990 A-O	103	--
4⅝s s f debentures 1984 J-J	102½	--
Savannah Electric & Power Co—		
1st mtge 3¼s 1984 A-O	84¾	--
3⅜s debentures 1979 A-O	88	--
1st mtge 3⅞s 1986 M-N	92½	--
1st mtge 5⅛s 1987 M-N	105	--
1st mtge 5⅛s 1990 J-D	105	--
5¼s debentures 1985 J-D	105¼	--
Scranton Spring Brook Water Serv		
1st mtge 2⅞s 1976 M-S	84	--
5⅛s s f debs w w 1984 A-O	101	--
Shawinigan Water & Power Co—		
1st & coll 3½s ser H 1970 J-J	83	85
1st & coll 3½s ser J 1970 F-A	83	85
1st & coll 3s series N 1971 M-N	79	81
1st & coll tr 3½s ser P 1973 A-O	79	81
4¾s 1976 series R A-O	85	87
5½s conv debs 1972 A-O	91	93
Sierra Pacific Power Co—		
1st mtge 3⅛s 1978 A-O	85¼	--
1st mtge 3⅜s 1984 M-N	84¾	--
1st mtge 5¼s 1986 M-N	105¼	--
1st mtge 4½s 1988 A-O	100	--
1st mtge 5s 1991 M-N	104¾	--
1st mtge 4⅞s 1992 J-D	104	--
5s debentures 1988 J-J	103½	--
South Carolina Elec & Gas Co—		
1st refunding 3s 1980 A-O	83	--
South Carolina Power Co—		
1st & ref 3s 1975 J-J	87	--
South Jersey Gas Co 4⅛s 1977 A-O	96⅞	--
Southern Bell Tel & Tel—		
3⅛s debentures 1989 M-S	81½	--
3¼s debentures 1995 A-O	82	--
4s debentures 1983 A-O	95½	--
5s debentures 1986 J-D	a106⅜	--
4⅝s debentures 1993 J-D	104	--
5s debentures 1997 J-D	106	--
4⅜s debentures 1998 M-S	100½	--
4⅜s debentures 2001 A-O	100¾	--
4⅜s debentures 2003 F-A	101¼	--
Southern Calif Edison Co—		
1st & ref 4⅜s series Q 1988 M-N	100½	--
All other bonds listed NYSE and/or ASE		
Southern California Gas Co—		
1st mortgage 2⅞s 1977 J-J	85	--
1st mortgage 3¼s 1978 M-N	87⅜	--
1st mortgage 2⅞s 1980 J-D	82¼	--
1st mtge 3½s series A 1982 A-O	88¾	--
1st mtge 3⅞s series B 1981 J-D	94¼	--
1st mtge 5⅜s series D 1984 A-O	107	--
1st mtge 4⅜s ser E 1988 J-J	100¼	--
Southern Counties Gas (Calif)—		
1st mtge 3s 1977 M-S	86¼	--
1st mtge 3¼s 1978 M-S	87½	--
1st mtge 3½s 1981 A-O	88⅝	--
1st mtge 3¼s series A 1984 M-N	84¾	--
1st mtge 4s series C 1983 M-N	96	--
1st mtge 4¾s series D 1985 F-A	104	--
Southern Electric Generating—		
1st mtge 5¼s 1992 (1959 ser) J-D	106	--
1st mtge 5¼s 1992 (1960 ser) J-D	106	--
1st mtge 5¼s 1992 (1961 ser) J-D	106	--
1st mtge 4⅜s June 1 1992	100	--
Southern Indiana Gas & Elec—		
1st mtge 3⅛s 1984 A-O	83¼	--
Southern Natural Gas Co—		
1st mtge pipe line 3s 1968 J-D	94½	--
1st mtge pipe line 2⅞s 1970 J-D	90	--
1st mtge pipe line 4s 1973 M-N	97	--
1st mtge pipe line 3⅛s 1974 F-A	88½	--
4½s s f debentures 1978 J-J	99½	--
1st mtge pipe line 4¾s 1979 J-J	103	--
Southern Nevada Power Co—		
1st mtge 5¼s series D 1989 M-N	103¾	--

*Without par value. a Called for redemption, see page 94. b Basis. f Flat price. k Last sale. n Nominal. r Canadian dollar value.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

NOTICE—All bond prices are "and interest" except where marked "f" and income and defaulted bonds

Bonds—	Bid	Ask
Southern New England Telephone—		
3¼s debentures 1985 J-J	84¾	--
3¼s debentures 1989 J-D	83	--
4⅛s debentures 1991 M-S	97½	--
4⅜s debentures 2001 J-D	100¾	--
Southern Union Gas Co—		
4¼s s f debs 1976 M-N	97½	--
5½s s f debentures 1982 A-O	104	--
5½s s f debentures 1985 J-D	104¾	--
Southwestern Bell Telephone—		
4¾s debentures 1992 A-O	105½	106
4⅝s debentures 1995 F-A	104	--
4½s debentures 1997 F-A	102¼	103
Southwestern Electric Power Co—		
1st mtge 4⅜s series I 1993 A-O	100	--
Southwestern Gas & Electric Co—		
1st mtge 3⅛s ser B 1978 J-J	86½	--
1st mtge 3s ser C 1979 J-D	84⅜	--
1st mtge 2⅞s ser D 1980 J-D	82¼	--
1st mtge 3⅜s ser E 1982 M-S	87¼	--
1st mtge 3¼s ser F 1984 M-N	84¾	--
1st mtge 4⅝s ser G 1987 J-J	102	--
Southwestern Public Service Co—		
1st mtge 3½s 1978 F-A	90⅜	--
1st mtge 3.20s 1979 J-D	86½	--
1st mtge 3.35s 1981 F-A	87½	--
Staten Island Edison 2⅞s 1979 M-N	83	--
Tampa Electric Co—		
1st mtge 4¼s 1988 J-J	99	--
1st mtge 4½s 1993 M-N	102½	--
Tennessee Gas Transmission Co—		
1st mtge pipe line issues—		
2¾s April 1 1966	94	--
3s Sept 1 1967	94½	--
3s Sept 1 1970	93	--
3⅛s Feb 1 1971	92	--
3½s Sept 1 1971	93	--
3⅝s June 1 1974	93½	--
3½s Aug 1 1975	92½	93½
3⅞s Feb 1 1976	93½	--
4¾s Nov 1 1976	100	101
5¼s July 1 1977	102	103½
5¼s Nov 1 1979	102½	104
5⅜s Jan 1 1979	102½	104
4⅞s Mar 1 1983	102¼	102¾
Debenture issues—		
4¼s Sept 1 1974	93	--
4s April 1 1975	92	--
4½s Jan 1 1977	95	--
5s May 1 1978	99½	--
5⅛s May 1 1981	99⅛	--
5¼s Dec 1 1981	101	--
5s April 1 1982	98¾	99¼
5s Sept 1 1982	98¾	99¼
6s Nov 1 1977	103	104½
5s June 1 1983	98¾	99¼
Texas Eastern Transmission—		
1st mtge pipe line issues—		
4⅞s Mar 1 1977	101	--
5⅝s Sept 1 1978	100½	--
4⅞s April 1 1979	103	--
4⅞s Dec 1 1981	100½	--
5s Jan 1 1981	100¾	--
4¾s July 1 1983	101	--
Debenture issues—		
4⅜s March 1 1974	97½	--
5½s Dec 1 1976	103¼	--
6s June 1 1977	104	--
5⅜s Aug 1 1980	103	--
5⅜s Aug 1 1981	103	--
Texas Electric Service Co—		
3¼s s f debs 1973 A-O	91⅜	--
1st mtge 2¾s 1975 M-S	85¼	--
1st mtge 3⅜s 1981 J-D	87¾	--
1st mtge 4¾s 1987 J-J	104½	--
1st mtge 3¼s 1982 M-N	86¼	--
1st mtge 4½s 1988 M-N	102	--
1st mtge 4⅜s 1993 A-O	100⅜	--
5¼s s f debentures 1985 F-A	106¼	--
Texas Gas Transmission Corp—		
5s debentures 1982 J-D	102	--
Texas Power & Light—		
1st mtge 2¾s 1975 M-N	85½	--
1st mtge 3s 1977 A-O	87	--
1st mtge 3s 1978 A-O	86½	--
S f deb 3¼s 1973 A-O	92½	--
1st mtge 3¼s 1982 A-O	86¾	--
1st mtge 3⅛s 1984 A-O	83¾	--
1st s f debs 3⅜s 1977 A-O	90½	--
1st mtge 4⅜s 1986 M-N	100¼	--
1st mtge 4½s 1988 J-D	101½	--
1st mtge 4½s 1991 J-J	101½	--
4⅝s s f debentures 1987 J-J	102½	--
1st mtge 4⅜s 1993 F-A	100¼	--
Toledo Edison Co—		
1st mtge 2⅞s 1977 A-O	84½	--
Trans-Canada Pipe Line—		
5.60s Jan 1 1987	99	101
5.85s Jan 1 1987	91	93
Transcontinental Gas Pipe Line—		
1st mtge 4⅝s 1978 J-D	98¾	--
1st mtge pipe line 5s 1977 A-O	101¾	--
6⅛s debentures 1978 M-N	103½	--
1st mtge pipe line 5s 1979 F-A	101	--
1st mtge pipe line 5⅛s 1980 F-A	101½	--
1st mtge pipe line 5¼s 1980 M-N	102½	--
1st mtge pipe line 5s 1981 M-N	100¾	--
1st mtge pipe line 4⅞s 1982 M-N	99¾	--
5s debentures 1982 J-D	100¼	--
Transwestern Pipeline Co—		
5s subord debs 1969 (ex-stk) M-N	95½	--
Union Electric Co of Missouri—		
1st mtge 4¾s 1990 M-S	104¾	--
1st mtge 3¾s 1986 J-J	92	--
1st mtge 4⅜s 1988 M-S	100½	--
1st mtge 4¾s 1990 M-S	104¾	--
1st mtge 4¾s 1991 J-J	104¾	--
Union Lt Heat & Pwr 5s 1989 J-J	105	--
1st mtge 4⅜s 1993 J-J	100⅛	--
United Gas Corp—		
All bonds listed NYSE		
United Gas Imprmt 3¼s 1966 J-J	98	--
1st mtge 3¼s 1979 J-J	86½	--
1st mtge 4⅛s 1983 M-N	97½	--
1st mtge 5⅛s 1984 J-D	105	--
Upper Peninsula Pwr 3¼s 1977 M-N	86½	--
Utah Power & Light Co—		
1st mtge 2¾s 1976 M-N	84½	--
1st mtge 2⅞s 1980 A-O	82¼	--
1st mtge 3⅝s 1981 A-O	89½	--
1st mtge 3½s 1982 A-O	88½	--
1st mtge 3¼s 1984 M-N	84¾	--
1st mtge 3⅝s 1985 M-S	89¾	--
1st mtge 4⅞s 1990 M-S	104	--
1st mtge 4½s 1992 J-D	101¾	--
1st mtge 4½s 1993 A-O	101½	--
Virginia Electric & Power—		
1st & ref 3⅛s ser K 1984 M-N	83¾	--
1st & ref 3¼s ser L 1985 J-D	84¾	--
1st & ref 4⅛s ser M 1986 A-O	97	--
1st & ref 4½s ser N 1987 J-D	102	--
1st & ref 3⅞s ser O 1988 J-D	93¼	--
1st & ref M 4⅝s ser P 1990 M-S	103½	--
1st & ref 4⅞s ser Q 1991 J-D	105	--
1st & ref 4⅜s series R 1993 M-N	100½	--
Washington Gas Light Co—		
Ref mtge 3½s 1976 J-J	92	--
Ref mtge 3½s 1980 J-D	88⅝	--
Ref mtge 4⅞s 1986 M-N	104	--
Washington Water Power Co—		
1st mtge 3½s 1982 A-O	88¼	--
1st mtge 4⅞s 1987 J-J	104	--
1st mtge 4⅛s 1988 J-J	96	--
1st mtge 4⅜s 1988 F-A	100	--
4½s s f debentures 1983 J-J	101¾	--
1st mtge 4¾s 1989 F-A	103½	--
5⅝s s f debs 1985 M-S	106	--
1st mtge 5⅜s 1990 M-S	105½	--
West Penn Power—		
1st mtge 3s series L 1974 M-N	88⅛	--
1st mtge 3s series M 1978 M-S	86	--
1st mtge 2⅞s ser N 1979 M-N	83	--
1st mtge 3¼s ser O 1982 A-O	86¼	--
1st mtge 3s series P 1984 A-O	82¼	--
1st mtge 4⅞s series Q 1987 J-J	105	--
1st mtge 4½s ser S 1992 M-S	102	--
1st mtge 4⅜s ser T 1992 M-N	100¾	--
West Texas Utilities Co—		
1st mtge 3⅛s 1973 F-A	88½	--
1st mtge 3s series B 1978 M-N	85	--
1st mtge 3⅝s series C 1981 M-N	89½	--
1st mtge 3⅜s series D 1985 A-O	86¼	--
1st mtge 3⅞s series E 1988 J-J	93	--
1st mtge 4⅝s series F 1991 F-A	103	--
Westcoast Transmission Co Ltd—		
Subordinate debentures		
5½s series A 1988 A-O	f95½	--
5½s conv series C 1988 J-J	f101½	--
Western Light & Telephone Co—		
1st mtge 3s series A 1975 J-J	87¾	--
Western Massachusetts Electric Co		
1st mtge 3⅛s ser B 1984 A-O	83½	--
4⅜s series C 1987 A-O	100½	--
1st mtge 4⅜s ser E 1992 M-N	100¾	--
Western Power & Gas Co—		
4¼s conv subord debs 1978 F-A	110¾	--
Western Utilities Corp—		
5¼s conv debs 1975 A-O	158	--
Wisconsin Electric Power—		
1st mtge 2¾s 1980 J-D	81	--
1st mtge 3¼s 1982 M-N	86¼	--
1st mtge 3⅛s 1984 M-N	83¾	--
1st mtge 3⅞s 1986 A-O	93¼	--
1st mtge 4⅛s 1988 A-O	97¼	--
1st mtge 5s 1990 M-N	105¼	--
Wisconsin Michigan Power Co—		
1st mtge 3s 1978 A-O	84⅝	--
1st mtge 3⅝s 1981 A-O	89½	--
1st mtge 4¾s 1991 M-N	103½	--
1st mtge 4½s 1993 A-O	101½	--
Wisconsin Natural Gas Co—		
1st mtge 2⅞s 1975 J-D	85½	--
1st mtge 4¾s 1986 A-O	103¾	--
1st mtge 4⅜s 1987 M-N	100	--
Wisconsin Power & Light—		
1st mtge 3¼s ser A 1971 F-A	92¾	--
1st mtge 3⅛s ser B 1978 J-J	86¼	--
1st mtge 3⅛s ser C 1978 M-S	86¼	--
1st mtge 2⅞s ser D 1980 J-D	82½	--
1st mtge 3⅜s ser E 1981 A-O	87¾	--
1st mtge 3¼s ser F 1982 A-O	86¼	--
1st mtge 3¼s ser H 1984 A-O	84¾	--
1st mtge 4⅝s ser J 1989 M-S	103¼	--
1st mtge 4¼s series K 1992 M-N	99½	--
Wisconsin Public Service Corp—		
1st mtge 3s 1977 M-N	86½	--
1st mtge 3⅛s 1978 F-A	86½	--
1st mtge 2⅞s 1979 M-S	83	--
1st mtge 2⅞s 1980 M-N	82½	--
1st mtge 3¼s 1984 A-O	84¾	--
1st mtge 4⅜s 1987 J-D	100½	--
1st mtge 5¼s 1989 M-N	106	--
Wisconsin Telephone Co—		
4½s debentures 1992 J-J	102½	--
4⅞s debentures 1995 M-N	105	--
4⅜s debentures 2002 M-N	100¾	--
Wolverine Power 3-4½s 1979 J-D	f51	--
Worchester County Electric Co—		
1st mtge 3¼s ser B 1981 M-S	86½	--
1st mtge 3⅜s ser D 1985 A-O	86½	--
Worchester Gas Light Co—		
1st s f 3¼s ser A 1969 F-A	94¼	--
1st s f 4s ser B 1973 M-S	97	--
1st mtge 5¼s series C 1979 J-D	105½	--

•Without par value. a Called for redemption, see page 94. e Ex-interest. f Flat price. k Last sale. n Nominal. r Canadian price.

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Public Utility Stocks

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

OVER-THE-COUNTER UTILITY STOCKS

Stocks—	Par	Bid	Ask
Alabama Gas Corp com "wts"		3⅞	4⅜
$5.50 series A preferred w w	100	112	114
Without warrants		101	104
Alabama Power Co—			
4.52% preferred	100	100½	--
4.60% preferred	100	101½	--
4.92% preferred	100	106	106¾
Alabama-Tenn Natural Gas	1	28	29½
American District Telegraph Co	*	102	106
American Gas Co	1	4½	5
Anglo Canadian Tel Co class A	10	51	53
Appalachian Power Co—			
4½% 1st preference	100	100	--
Arizona Public Service Co—			
$1.10 preferred	25	22½	23½
$2.36 preferred	50	49¼	--
$2.40 preferred series A	50	51	52
$2.50 preferred	50	50	51
Arkansas Louisiana Gas—			
90c preferred	20	19½	20½
Arkansas Missouri Power Co	2.50	17⅛	18⅛
Arkansas Power & Light Co—			
4.32% preferred	100	95	97
5.48% preferred	100	106	--
Arkansas Western Gas	2.50	16	17⅛
Atlanta Gas Light Co—			
Common	5	28	29⅞
4½% preferred	100	92½	--
4.44% preferred	100	94	97
Atlantic City Electric Co—			
4.75% preferred	100	104	--
Atlantic City Sewerage	*	20	22
Atlantic Utilities Corp	1	6¾	7½
Aurora Corp (Illinois)	1	4	4⅜
Baltimore Transit Co	1	10⅛	10⅝
Bangor Hydro Electric Co—			
Common	5	21½	23
7% preferred	100	141	147
4% preferred	100	82	86
4¼% preferred	100	88	92
Barcelona Traction Light & Power Co Ltd ordinary	*	3¾	4½
Berkshire Gas Co	10	28½	30⅞
Biddeford & Saco Water Co	25	25½	27
Black Hills Power & Light com	1	51¼	52¼
4.20% preferred	100	88	--
Blackstone Valley Gas & Elec—			
4¼% preferred	100	85	--
Boston Edison Co—			
4.25% preferred	100	95	--
4.78% preferred	100	105½	106½
Bridgeport Gas Co common	*	43	45⅞
5.28% preferred	25	43	--
Bridgeport Hydraulic Co	20	48¾	51⅞
Brockton Taunton Gas Co com	10	33	35
$3.80 preferred	50	72½	--
Calgary Power Co	*	19¼	19¾
Calif Interstate Telephone Co	5	26¼	27⅞
California-Pacific Utilities—			
Common	5	27¾	28¼
1st 5% preferred	20	19⅜	--
5% convertible preferred	20	n34¼	--
California Water Service	12.50	30⅞	32¾
California Water & Telephone—			
Common	6.25	21¼	22⅝
$1.20 preferred	25	22½	--
$1.24 conv preferred	25	42	--
$1.25 preferred	25	23½	--
Carolina Natural Gas Corp	1	6¼	6¾
Carolina Pipe Line Co	1	6⅜	6⅝
Carolina Power & Light—			
$4.20 serial preferred	*	94½	--
$5 preferred	*	108¼	--
Carolina Tel & Tel Co	20	46	48
Cascade Natural Gas Corp com	1	15½	16⅝
55c preferred	*	10⅛	10⅜
Central Hudson Gas & Electric—			
4½% preferred	100	91½	--
4.75% preferred	100	92½	--
Central Illinois Elec & Gas —			
Common	4	30¼	30⅝
4.10% preferred series A	100	89	--
4¾% preferred series C	100	100	103
4.80% preferred series D	100	101	--
Central Illinois Light Co—			
4.64% preferred	100	102	104
Central Illinois Pub Serv Co—			
4% preferred	100	88	90
4.92% preferred	100	102½	--
Central Indiana Gas Co	5	20¾	22⅛
Central Louisiana Electric com	5	38½	40¾
4½% preferred	100	92	--
Central Maine Power common	10	39⅜	41½
3½% preferred	100	77	79
4.6% convertible preferred	100	163½	--
6% preferred	100	118	--
Central Power & Light 4% pfd	100	87½	--
Central Telephone Co common	10	38¾	39¼
$1.35 preferred	*	26¾	27¼
$2.50 preferred series A	*	49½	51
4.96% preferred	25	26	26⅜
Central Vermont Pub Serv Co—			
Common	6	27⅛	28¾
4.15% preferred	100	n82	84
4¾% preferred	100	n92	94
5.44% conv series A 2nd pfd	50	60½	--
Central West Co	1	6¼	--
Chattanooga Gas Co	1	6⅞	7½
Chenango & Unadilla Telep	20	39½	42½
Chesapeake Utilities	1.75	19	21
Cincinnati & Suburb Bell Telep	50	103½	104½
Cincinnati Transit Co	12.50	8¼	9
Citizens Utilities Co—			
Class A	16⅔c	24¼	26¼
Class B	16⅔c	24	25⅞
City Gas Co of Florida	1	19¼	19½
Colorado Interstate Gas Co com	5	37⅝	39⅞
5.35% preferred	100	103	--
Columbus & Southern Ohio Elec—			
4¼% preferred	100	91½	--
4.65% preferred	100	101	--
Commonwealth Gas Corp	1	6½	7⅛
Commonwealth Natural Gas	5	33¾	34¾
Commonwealth Telep Co (Pa)	10	24¼	26¼
Concord Electric Co	*	51	--
Concord Natural Gas Corp	5	32½	--
Connecticut Light & Power Co—			
Common	*	37⅛	39⅛
$2.20 preferred	*	49	--
$2.06 preferred series E	*	46	--
$2.04 preferred	*	45½	--
$2.00 preferred	*	45	--
$1.90 preferred	*	43	--
Connecticut Ry & Lighting	5	2¾	3¾
Connecticut Water Co	*	24¼	25¼
Consumers Water Co	1	43	46
Corning Natural Gas Corp	*	30½	32½
Cumberland Gas Corp	1	7	--
Dallas Power & Light Co—			
$4 preferred	*	89½	--
4½% preferred	100	97	--
$4.24 preferred	*	95½	97
$4.80 preferred	*	105¼	106¼
Dallas Transit Co common	10	18	--
7% preferred	100	97	--
Delaware Power & Light Co—			
3.70% preferred	100	82	85
4% preferred	100	87	--
4.20% preferred	100	93	--
4.28% preferred	100	95	--
4.56% preferred	100	99	--
5% preferred	100	103	--
Denver Tramway common	*	5	7
1st preferred	*	28	30
Des Moines Transit Co	1	⅞	1⅛
Detroit & Canada Tunnel	5	15¼	16¾
Detroit International Bridge	1	16½	17½
Duke Power Co 5.36% pfd B	100	108	109½
Duquesne Natural Gas common	1c	22c	30c
$1.50 convertible preferred	25	13½	--
Eastern Utilities Associates	10	51	53½
Edison Sault Electric Co	5	20¾	--
El Paso Electric Co (Texas)—			
Common	*	28¼	30⅛
$4.12 preferred	*	91	--
$4.50 preferred	*	97	--
$4.72 preferred	*	104	--
El Paso Natural Gas Co—			
4.10% 1st preferred	100	94½	--
$5 conv 2nd pfd (1957 series)	*	99	100
5.36% preferred	100	101	102½
5½% preferred (series 1951)	100	102	103½
5.50% preferred (series 1956)	100	101½	103
5.65% preferred	100	103	--
5.68% preferred (1957 series)	100	103	104½
6.40% pfd (2nd 1957 series)	100	105	--
Elizabeth Consolidated Gas	10	39½	43⅞
Elizabethtown Water Co (N J)	*	31	33½
Empire & Bay States Tel gtd	100	55	--
Empire District Electric—			
4¾% preferred	100	99	--
Equitable Gas Co—			
4.36% convertible preferred	100	109	111
Ericsson (L M) Telephone—			
Class B	35 kr	31	31¾
Essex Company	50	25	--
Fall River Gas Co	10	38¾	40¾
Fitchburg Gas & Electric Light	25	60	62
Florida Gas Co	1	10½	11¼
Florida Power Corp—			
4% preferred	100	86	--
4.58% preferred	100	103	104½
4.60% preferred	100	n101	102½
Florida Power & Light Co—			
4½% preferred	100	99	--
Florida Public Utilities com	3	23	25⅛
$1.12 convertible preference	20	24½	25½
4¾% preferred	100	n81	--
Florida Telephone Corp class A	5	21	22½
Florida Water & Utilities	1	9	9½
Fort Worth Transit Co	10	6	7
Galveston-Houston Co	5	5⅛	5⅝
Gary Railways	1	n4	--
Gas Service Co	10	42½	44¾
General Telephone & Electronics—			
4.25% convertible preferred	50	99	--
4.36% convertible preferred	50	65½	67½
4¾% conv preferred	50	260	--
5.28% convertible preferred	50	78	--
General Telephone Co of Calif—			
4½% preferred	20	19¾	20¼
New 4½% preferred	20	19¾	20¼
5% preferred	20	21⅜	21¾
5½% preferred	20	22¼	22¾
General Telephone Co of Illinois—			
$2.375 preferred	*	50	51½
General Telephone Co of Indiana—			
$2 preferred	*	40	--
$2.50 preferred	*	50	--
General Telephone Co of Iowa—			
5½% preferred	25	24	--
General Telep Co of Kentucky—			
5% preferred	50	50	--
5.20% preferred	100	103	--
General Telep Co of Michigan—			
$2.40 preferred	50	49½	--
$1.35 preferred	25	n25½	--
Above issue called for redemption on Sept 11			
General Telephone Co of the Northwest 4.80% preferred	25	24	--
General Telephone of Ohio—			
$2.20 preferred	*	45	--
$1.25 preferred	*	25¼	--
General Telephone Co of Penn—			
$2.10 preferred	*	46¼	47¼
$2.25 preferred	*	49	50
General Telephone Co of the Southwest 5.10% preferred	20	21¼	21¾
$2.20 preferred	*	45	--
General Telephone of Wisconsin—			
$5 preferred	100	101	--
$4.50 preferred	100	96	--
General Waterworks Corp com	1	28¾	29¼
5% preferred	100	96½	98½
5.10% preferred	100	97	--
$5 voting preferred	100	96½	98½
80c convertible 2nd preferred	1	28¾	--
$6 voting preferred	100	100	--
Georgia Power Co—			
$4.60 preferred (1954 series)	*	99½	100½
$4.60 preferred (1962 series)	*	99	101
$4.96 preferred	*	102	--
$5 preferred	*	105	--
Gold & Stock Telephone gtd	100	172	182
Great Lakes Natural Gas Corp	50c	⅞	1⅛
Green Mountain Power	3.33⅓	19¼	19⅝
Greenwich Gas Co common	*	16¼	16¾
$1.50 preferred	*	25½	--
Gulf Cities Gas Corp class A	1	1½	2
Gulf Natural Gas Corp	1	2¾	3½
Gulf Power Co 4.64% pfd	100	98	--
Hartford Electric Light Co—			
$3.90% preferred	50	42¾	--
4.50% preferred	50	50	--
4.96% preferred	50	52¾	--
Hartford Gas Co			
New com (split 2 for 1)		45½	47½
New 8% pfd $12.50 par		n21	--
Haverhill Gas Co	10	36½	--
Hawaiian Electric Co	6.66⅔	28⅞	29⅜
Holyoke Street Ry Co	10	7½	--
Holyoke Water Power	10	54	--
Houston Lighting & Power—			
$4 preferred	*	89	91
Houston Natural Gas Corp			
Common	5	40	42¼
5% preferred "$50 par"		51	--
5% preferred "$25 par"		25¾	--
5¼% convertible preference	100	363	--
Hugoton Gas Trust "units"		12⅞	13¼
Hugoton Production Co	1	50½	51
Idaho Power Co 4% pfd	100	87½	89
Illinois Bell Telephone Co	20	73	75
Indiana Gas & Water Co	*	29¼	29⅝
Indiana & Michigan Electric—			
4⅛% preferred	100	90	92
Indiana Telephone Corp	*	40	--
Indianapolis Water Co	10	33¾	36⅜
Inter-County Tel & Tel com	4.16⅔	40¼	41
5% preferred series A	25	24	--
Intermountain Gas Co	1	17¾	18¾
Inter-Mountain Telephone Co	10	20½	22¼
Interstate Power Co—			
4.36% preferred	50	48	--
5½% preferred	50	53	55
Iowa Electric Light & Power Co—			
4.80% preferred	50	51½	53
Iowa-Illinois Gas & Electric—			
$4.36 preferred	100	95	--
$4.22 preferred	100	93	--
Iowa Power & Light Co—			
3.30% preferred	100	72½	--
4.35% preferred	100	95	--
4.80% preferred	100	104	--

*No par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock x Ex-dividend y Ex stock dividend. z Ex-rights.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Stocks—	Par	Bid	Ask
Iowa Public Service Co (Iowa)—			
Common	5	27¾	29½
3¾% preferred	100	84	--
4.20% preferred	100	92	--
Iowa Southern Utilities Co—			
New $10 par (shrs split 2-for-1)		25½	25⅞
Jamaica Water Supply common	*	68	72½
$5 preferred series A	*	97½	--
Kansai Electric Power Co—			
American deposit receipts		21⅝	22
Kansas Gas & Electric Co—			
4.28% preferd series A	100	94	--
4.32% preferred	100	95	--
Kansas-Nebraska Natural Gas—			
Common	5	32¼	32¾
$5 preferred	*	102½	--
Kansas Power & Light Co—			
4½% preferred	100	99	--
5% preferred	100	101	--
Kentucky Utilities Co—			
Common	10	29⅛	30⅞
4¾% preferred	100	102	104
La Crosse Telephone Corp	10	17½	--
Laclede Gas Co—			
5% preferred series B	25	25¾	26½
4.56% preferred series C	25	24	25
Lake Superior Dist Power com	10	29¼	29⅝
5% preferred	100	101	--
Lawrence Gas Co	10	30	--
Lewiston Gas Light common	10	12½	13½
5% preferred	100	90	--
Lincoln Tel & Tel Co common	25	84	--
5% preferred	100	104	--
5% conv preferred 2nd series	100	134	--
Louisiana Power & Light Co—			
4.16% preferred	100	90	--
4.44% preferred	100	98	--
4.96% preferred	100	102½	104½
Louisville Gas & Electric (Ky)—			
5% preferred	25	28	28¾
Lowell Gas Co	25	35½	37½
Lynn Gas Co	10	50	--
Madison Gas & Electric	8	40¼	42¾
Maine Public Service Co—			
4.75% preferred	50	46	49
Majestic Utilities	1	1¼	1¾
Massachusetts Electric—			
4.44% preferred	100	98	--
4.76% preferred	100	104½	105½
Mexican Light & Power Co com	*	12¼	13⅝
$1 preferred	13.50	12½	13⅜
Michigan Gas & Electric com	10	93½	95½
4.40% preferred	100	94	96
Michigan Gas Utilities	2.50	19⅛	19⅝
Mid-America Pipeline Co	*	18⅞	19⅜
Mid-Continent Telephone Corp	*	18¾	19½
Middlesex Water Co common	*	37	39
7% preferred	100	138	--
Middle States Telephone Co of Illinois common	10	37	38½
5% preferred series C	20	20⅜	22
Minneapolis Gas Co common	1	43	45⅞
5½% preferred	100	n108	--
$5.10 1st preferred	100	n102	--
5% preferred	100	n101	--
Mississippi Power Co 4.60% pfd	100	98	--
Mississippi Power & Light Co—			
4.36% preferred	100	96	--
4.56% preferred	100	94	96½
Mississippi Valley Gas Co	5	27⅛	27⅝
Missouri Natural Gas Co	2.50	15	--
Missouri Power & Light Co—			
3.90% preferred	100	84½	86
4.30% preferred	100	92	--
Missouri Public Service Co—			
4.30% preferred	100	88	90
5.52% preferred	100	105	--
Missouri Utilities Co common	1	25½	27
5% preferred new	100	96	--
5% preferred old	100	98	101
Mobile Gas Service Corp com	5	30	31½
4.90% preferred	100	97½	--
Monongahela Light & Power	50	45	--
Montana Dakota Utilities—			
4.50% preferred	100	95½	97
$4.70 preferred	100	100	101½
Montana Power Co—			
$6 preferred	*	116	--
$4.20 preferred	*	94½	--
Muscle Shoals Natural Gas	1	12	--
Narragansett Electric 4½% pfd	50	48½	--
4.64% preferred	50	51½	--
Natural Gas Pipe Line Co of America 5¾% preferred	100	105	--
5½% preferred	100	104	--
5¼% preferred	100	101	--
Nevada Northern Gas Co	1	21¼	23
Nevada Power Co—			
5.20% preferred	20	21¼	--
5.40% preferred	20	21¼	--
5½% preferred	20	21	--
New England Gas & Elec Assn	8	37	38
New England Power Co 6% pfd	100	124	127
4.60% preferred	100	102	--
4.56% preferred	100	101	--
New Haven Gas Co	25	47	49
New Haven Water Co	50	88	89½
New Jersey Natural Gas Co—			
New common (split 2-for-1)		26	28
6% preferred	20	22¾	23¾
New Jersey Power & Light—			
4.05% preferred	100	88	--
New Orleans Public Service—			
4.36% preferred	100	96	--
4¾% preferred	100	101	101½
Newport Electric Corp com	10	32	34
3¾% preferred	100	70	--
Newport Gas Light Co	*	12½	--
N Y State Electric & Gas—			
4.15% preferred series 1954	100	91	--
4.50% preferred	100	100	--
4½% preferred (1949 series)	100	100	--
Niagara Frontier Transit System	10	12¼	13
Nippon Electric Co Ltd—			
American dep shares	50 yen	15½	15⅞
North Carolina Nat Gas Corp	2.50	5½	5¾
North Carolina Telephone Co	1	1½	1⅝
North Penn Gas Co	5	13½	14½
North Shore Gas (Mass)	10	26½	--
Northern Illinois Gas Co com	5	61¼	61¾
5% preferred	100	105	--
5% conv preferred	100	129	--
5.50% preferred	100	107	110
Northern Indiana Public Service			
4.22% preferred	100	93	--
4¼% preferred	100	93½	--
4.40% conv junior preference	40	108	111
4½% preferred	100	98½	100½
Northern Ohio Telephone com	100	55½	57½
4¼% preferred	100	80	--
4½% preferred	100	85	--
5% class A preferred	100	95	--
Northern Ontario Natural Gas	*	17⅜	17⅞
Northwest Natural Gas Co—			
Common	9.50	35⅜	37⅜
5.72% preferred	100	a--	--
5¾% preferred	100	102½	--
Northwestern Public Serv com	3	30⅝	32⅝
4½% preferred	100	95	--
Ohio Power Co—			
4.08% preferred	100	91	--
4.20% preferred	100	94	--
4.40% preferred	100	98	--
4½% preferred	100	100	--
Ohio Water Service Co	10	35½	37⅞
Oklahoma Natural Gas Co—			
4¾% preferred A	50	51	52
Orange & Rockland Utilities—			
4.65% preferred series A	100	99	--
Otter Tail Power Co—			
Common	5	24	24⅜
$3.60 preferred	*	74	--
$4.40 preferred	*	85	--
Pacific Gas Transmission Co	*	17	18⅛
Pacific Power & Light Co—			
Common	3.25	28⅜	30¼
4.52% preferred	100	90	--
4.72% serial preferred	100	--	100
5% serial preferred	100	96½	--
5.40% preferred	100	102½	--
5.64% preferred	100	108	109½
6.16% preferred	100	a106½	107½
7% preferred	100	n133	--
Panhandle Eastern Pipe Line—			
4.64% preferred	100	103	104½
Penn Ohio Gas Co	10c	½	1
Pennsylvania & Southern Gas	1.25	32	33½
Pennsylvania Electric Co—			
4.40% preferred series B	100	98½	100
3.70% preferred series C	100	83½	85
4.05% preferred series D	100	90	92
4.70% preferred series E	100	103½	105
4.50% preferred series F	100	98	100
4.60% preferred series G	100	103½	104½
Pennsylvania Gas & Water Co—			
Common	*	48¾	49½
4.10% preferred	100	89½	91
Pennsylvania Power Co—			
4¼% preferred	100	95	97
4.24% preferred	100	95	97
4.64% preferred	100	103	105
Pennsylvania Power & Light			
3.35% preferred	100	74	76
4.60% preferred	100	102	103
Phila Suburban Transportation	2.50	20½	21½
5% preferred	50	43	--
Philadelphia Suburban Water—			
Common	3.75	31	31⅜
5% preferred	100	103	106
Philadelphia Transportation Co	10	10	10½
Piedmont Natural Gas Co com	50c	17⅞	18⅝
$5.50 convertible preferred	*	110½	--
Pioneer Natural Gas Co	3.75	31½	43
Pioneer Telephone Co	33⅓c	17¾	18¼
Portland Gas Light common	*	7⅝	8½
$5 preferred	*	86	91
Portland General Electric	3.75	28⅛	29⅞
Potomac Edison Co 3.60% pfd	100	75	--
4.70% preferred series B	100	99	101
Potomac Electric Power Co—			
$2.44 serial preferred	50	51	--
$2.46 serial preferred	50	52	--
Public Service Co of Colorado—			
4.64% preferred	100	103	114
4.90% preferred	100	104½	105½
Public Serv of New Hampshire—			
Common	5	27⅜	29
3.35% preferred	100	71½	--
4½% preferred	100	87½	--
Public Service Co of New Mexico—			
Common	5	32¾	33⅛
5% series A preferred	100	99	--
5.25% pfd w w 1959 series	100	142	--
Without warrants		103	--
Public Service Co of N C	1	13½	14½
Public Service of Oklahoma—			
4% preferred	100	87	89
4.24% preferred	100	92	--
Puget Sound Power & Light Co—			
4.84% preferred	100	103¾	104¾
Quebec Natural Gas Corp	1	6⅞	7⅜
Roanoke Gas Co (Va)	5	27	29
Rochester Gas & Electric—			
4% preferred series F	100	86½	--
4.10% preferred series H	100	91	--
4¾% preferred series I	100	100	--
4.10% preferred series J	100	91	--
4.95% pfd series K	100	102½	103
Rochester Telephone Corp—			
5% preferred	100	100	--
Rochester Transit Corp	*	6¼	7
Rocky Mountain Natural Gas	3	4¼	4⅝
$50 units		65	--
$20 units		29	--
St. Joseph Light & Power—			
5% preferred A	100	100	--
San Jose Water Works com	12.50	32½	35
4¾% preferred series A	25	n23¼	--
4¾% preferred series B	25	n23¼	--
4.70% preferred series C	25	23	--
4.70% preferred series D	25	n39½	--
5½% preferred series E	25	n39½	--
Savannah Electric & Power Co	5	34⅛	36¼
4.36% preferred series A	100	92	--
Sierra Pacific Power Co	3.75	38⅞	41⅛
South Atlantic Gas Co com	5	22	23
5% preferred	100	92	--
South Georgia Natural Gas Co	1	11	11½
South Pittsburgh Wat 4½% pfd	100	94	--
Southeastern Telephone Co	10	29¾	31⅞
Southern California Water	5	18⅝	20
Southern Gas & Water Co com	*	34	34¾
$4.50 preferred	*	84	--
$5 preferred	*	94	--
Southern Gulf Utilities Inc	5c	16¼	17½
Southern New England Tel	25	54½	57¼
Southern Union Gas Co common	1	32¼	34⅛
4¼% preferred	100	x93½	95
4½% preferred	100	91	--
4¾% preferred	100	99	100
5% preferred	100	93	--
5.05% preferred	100	n93¼	--
5.35% preferred	100	98	--
4.55% preferred	100	--	99½
Southwest Gas Corp common	1	34½	35¼
$1.20 conv prior preferred	9	34¾	37⅛
Southwest Gas Producing	1	8⅛	8⅞
Southwestern Electric Power—			
4.65% preferred	100	102	--
4.28% preferred	100	95	--
5% preferred	100	103	106
Southwestern Electric Service	1	21	22½
Southwestern Public Service Co—			
3.70% preferred	100	80	--
3.90% preferred	100	86½	88½
4.15% preferred	100	88½	--
4.36% preferred	25	24	24¾
4.40% preferred	25	24¼	25
4.60% preferred	100	100	101½
5% preferred	25	26¼	27
Southeastern States Telephone—			
Common	1	22¼	23¾
$1.32 conv preferred	25	50	--
$1.44 conv preferred	25	50	--
Springfield Gas Light Co	10	29	30½
Susquehanna Corp	1	7⅞	8½
Syracuse Transit Corp	*	21	--
Tampa Electric Co—			
4.32% series A preferred	100	96½	98
4.16% series B preferred	100	93	--
5.10% series C preferred	100	104	--
Telefones de Mexico—			
(Bearer) "Adrs"		7¾	8⅜
Telephones Inc	1	11⅞	13
Telephone Service Co. of Ohio—			
Class A	1	34½	35½
Class B	1	44	--
$5 non-cum preferred	5	91	--
Tennessee Gas Transmission Co			
4.10% preferred	100	94½	96
4.25% preferred	100	95	96½
4.50% conv 2nd preferred	100	100	102
4.60% preferred	100	98	99½
4.64% preferred	100	97½	99
4.65% preferred	100	98½	100
4.72% conv 2nd preferred	100	99	100
4.90% preferred	100	99½	--
4.92% conv 2nd preferred	100	102½	103
5% convertible 2nd preferred	100	104½	105¼
5.08% preferred	100	101½	103
5.10% preferred	100	101½	103
5.12% preferred	100	101½	103
5.24% preferred	100	102½	104
5.25% preferred	100	102	103½
Tennessee Natural Gas Lines	1	14	15⅛
Texas Eastern Transmission—			
5% preferred	100	100	101
5.125% conv preferred	100	109¼	110¼
5.35% subord conv pfd	100	113½	115½
5.50% 1st preferred	100	a--	--
5.52% preferred	100	102½	--
5.60% preferred	100	103	105
5.75% subord conv pfd	100	151	153
5.80% preferred	100	104	--
5.85% preferred	100	105	106½
6.70% preferred	100	106	108
Texas Electric Service Co—			
$4 preferred	*	89½	--
$4.56 preferred	*	99	101
$4.64 preferred	*	n101	--
$5.08 preferred	*	104	--
Texas Gas Producing	25c	18	19¼

*No par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend. z Ex-rights.

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PUBLIC UTILITY STOCKS

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Stocks—	Par	Bid	Ask
Texas Gas Transmission Corp—			
5¼% conv 2nd preferred	100	n135	140
4.96% preferred	100	n99	101
5.40% preferred	100	n101½	--
Texas Power & Light Co—			
$4 preferred	*	89½	--
$4.56 preferred	*	--	101½
$4.76 preferred	*	101	--
$4.84 preferred	*	102	--
Toledo Edison Co—			
4.56% preferred	100	101	--
Trans-Canada Pipe Lines Ltd	1	26⅝	27⅛
Transcontinental Gas Pipe Line—			
Common	50c	23½	24⅞
$2.55 preferred	*	51½	53
$4.90 preferred	*	100	101½
$5.26 preferred	*	102	--
$5.60 preferred	*	103	105
$5.70 preferred	*	104	106
$5.96 preferred	*	105	106½
Tucson Gas & Electric Lt & Pow	5	24⅛	25⅝
United Cities Gas Corp (Ill)	1	17	17¾
United Gas Improvement—			
4¼% preferred	100	96½	--
United Illuminating Co	*	39⅞	42⅛
United Telephone Co of Pa—			
4½% preferred series A	100	97	99
United Transit Co common	1	7½	8
5% preferred	50	41	--
Upper Peninsula Power com	9	29⅛	29½
5¼% preferred	100	99½	--
Utah Power & Light Co—			
$1.28 preferred series A	25	27¼	--
$1.18 preferred series B	25	26	26½
Utilities & Industries Corp	2	16¾	17¼
Virginia Electric & Power Co—			
All issues listed NYSE			
Virginia Telep & Teleg Co	10	22	--
Volunteer Natural Gas	1	7½	8¼
Washington (D. C.) Gas Light—			
$4.25 preferred	*	88¼	92
$4.60 convertible preferred	*	140	--
$4.80 preferred	*	n103	--
$5 serial preferred	*	n103½	--
Washington Natural Gas Co	10	37⅞	40⅛
West Coast Telephone Co—			
Common	5	24	24½
$1.44 junior conv preferred	25	59½	--
West Ohio Gas	5	18⅛	19⅜
West Penn Power Co	*	28	86½
West Texas Utilities 4.40% pfd	100	n96	--
Westcoast Transmission Co Ltd	*	13¼	14
Western Gas Service	2	16¾	17½
Western Kentucky Gas	5	26¾	29
Western Light & Telephone—			
Common	5	39⅛	39½
5% preferred	25	25¾	--
Western Massachusetts Cos	50c	35⅞	37⅞
Western Power & Gas com	5	32¼	34⅛
4.75% preferred series A	50	50	51
4.75% preferred series B	50	50	51
4.72% preferred 1st series	50	49½	51
4.72% preferred 2nd series	50	49½	51
5.44% preferred	50	52	53
$2.75 preferred	*	53	54
$2.55 preferred	50	53	54
Western Utilities Corp	1	14¾	15¼
White River Propane Gas	1	3	--
Wisconsin Electric Power Co—			
3.60% preferred	100	80	--
Wisconsin Michigan Power—			
4½% preferred	100	98½	--
Wisconsin Power & Light Co—			
Common	5	23¾	24¼
4.40% preferred	100	95	98
4.80% preferred	100	101	--
4.96% preferred	100	102½	--
Wisconsin Public Service Corp—			
5% preferred	100	103	--
5.04% preferred	100	103	105
5.08% preferred	100	n103½	--
Wisconsin Southern Gas	10	31	--
York County Gas	20	36½	--
York Water Co	10	34	--

*No par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend. z Ex-rights.

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Investing Companies Stocks and Bonds

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

NOTICE—All bonds prices are "and interest" except where marked "f" and income and defaulted bonds

OVER-THE-COUNTER STOCKS AND BONDS

	Par	Bid	Ask
Aberdeen Fund Inc	25c	2.37	2.59
Admiral Finance 6¼s 1970		98½	--
Advance Growth Capital Corp	1	3⅜	3⅝
Advisers Fund Inc	1	6.89	7.59
Aetna Finance Company common	1	16¼	17
5⅝s conv subord debs 1975 F-A		108	112
Affiliated Fund Inc	1.25	8.46	9.15
Aid Investment & Discount Inc—			
6% capital notes 1972 M-S		78	--
All-State Credit Corp class A	10c	3¼	3¾
Allied Empire Inc			
Name changed to			
Riverside Financial Corp			
Allied Finance Co	5	37	--
American Business Shares Inc	1	4.24	4.59
American Discount Co of Georgia	*	30¼	31¼
American European Securities	*	29¾	30¾
American Financial Corp	*	18	19⅝
American Growth Fund Inc	1c	6.38	6.90
American Investors Corp	1	⅛	⅛
American Investors Fund	1	‡18.25	--
American Mutual Fund Inc	1	9.71	10.61
American Realty Trust	1	10⅝	11
Amer Savings & Loan Assn	33⅓c	6⅞	7¼
Anchor Corp class B non-vot	50c	18¼	18¾
Anderson New England Capital	1	5½	6¼
Arizona Bancorporation	10	20¼	20¾
Associated Fund Inc trust shares	*	1.58	1.74
Atkinson Corp common	5	20½	22½
5% preferred	100	n70	--
Atlas Credit Corp			
Now listed NYSE			
Atlas Finance Co Inc	5	n9¾	10⅛
Atomics Physics & Science			
Fund Inc	33⅓c	4.78	5.22
Automobile Banking Corp com	25c	6	7
Class A purchase wts		1	1¼
$1.50 preferred	25	22	24
6% convertible B preferred	10	8	--
6¼s capital debs ww 1976 F-A		99	--
Avemco Finance Corp	50c	6	--
Axe-Houghton Fund A Inc	1	5.95	6.47
Axe-Houghton Fund B Inc	1	9.42	10.24
Axe-Houghton Stock Fund Inc	1	4.30	4.70
Axe Science & Electronics Corp	1c	11.22	12.20
Baystate Corp	7.50	62	64
Belmont Savings & Loan		16½	17¾
Beneficial Corp	1	37½	40
Beneficial Finance Co—			
4.45s debentures 1988 J-D		99	--
Blue Ridge Mutual Fund Inc	1	12.24	13.38
Bondstock Corp	1	4.91	5.37
Boston Capital Corp	1	7⅜	7⅝
Boston Fund Inc	1	9.88	10.80
Boston Investment Co	50	141	--
Brentwood Financial Corp	1	14⅛	15⅝
Broad Street Investing Corp	50c	14.74	15.94
Budget Finance Plan—			
6s series A			
Subord cap inc debs 2010 Q-J		93	--
Bullock Fund Ltd	1	13.97	15.32
Business Funds, Inc	8	6¾	7
California Financial Corp.			
5s conv subord debs 1977 A O		116	119
California Fund Inc	1	7.79	8.51
California Growth Capital Inc	5	4⅞	5¼
Cambridge Financial Corp cl A	1c	--	½
Canada General Fund (1954) Ltd	1	x16.37	17.89
Canadian Fund Inc	1	16.55	17.91
Canadian Inter'l Growth Fd Ltd	1	11.16	12.20
Capital Life Insurance & Growth			
Stock Fund	1c	12.05	13.20
Capital Southwest Corp	1	5⅛	5⅝
Carolinas Capital Corp	1	4¾	5½
Centennial Fund Inc		12.08	--
Central Invest Corp of Denver	2.50	1.75	1.85
Century Shares Trust (Boston)	1	15.43	16.86
Channing Financial Corp com	1	8½	9½
Chase Fund of Boston	1	6.83	7.46
Chemical Fund Inc	25c	12.13	13.19
Christiana Securities Co com	1.25	220	226
7% preferred	100	134	141
C I T Financial Corp—			
5⅛s debentures 1980 J-J		104½	--
4⅝s debentures 1979 J-J		100½	--
Series debentures—			
4¾s July 1 1964		100½	--
4¾s July 1 1965		101¼	--
4¾s July 1 1966		101¾	--
4¾s July 1 1967		102	--
4¾s July 1 1968		102	--
4¾s July 1 1969		102	--
4¾s July 1 1970		103½	104½
Citizens & Southern Capital Corp	1	3⅝	4
Civic Finance Corp	2	14	15¾
Colonial Acceptance Corp—			
Class A common 1st series	1	7	7⅞
Colonial Fund, Inc	1	11.83	12.93
Colonial Growth & Energy Shares	1	12.84	14.03
Commerce Investment Corp	1	n1¼	1¾
Commercial Credit Co—			
3½% notes due 1965 J-D		98¾	--
3⅝% notes 1976 F-A		92	--
4¼% notes 1974 A-O		99¾	--
4½% subord notes 1977 M-S		99½	--
5% notes 1977 J-D		104½	--
4⅛% notes 1978 J-J		96	--
4¾% notes 1979 J-J		102½	--
4¾% notes 1980 M-N		102½	--
5¼% notes 1980 J-J		105½	--
4⅜% notes 1981 A-O		99½	--
4½% notes 1985 F-A		99¾	--
Commonwealth Financial Corp	10	7	8½
Commonwealth Fund—			
Plans A and B		1.66	--
Plans C and D		1.68	--
Commonwealth Income Fund Inc	1	10.05	10.98
Commonwealth International &			
General Fund Inc	1	10.40	11.37
Commonwealth Investment	1	10.19	11.14
Commonwealth Loan 4% pfd	100	81	--
Commonwealth Realty Trust—			
Certificates of beneficial interest		8⅛	8½
Commonwealth Stock Fund	1	16.78	18.34
Composite Bond & Stock Fund	50c	9.62	10.46
Composite Fund Inc	50c	8.76	9.52
Concord Fund Inc	1	‡13.21	--
Congress Street Fund Inc		‡93.85	--
Consolidated Credit Corp—			
Class B	1	9	9½
Consolidated Investment Trust	1	19.50	--
Consumers Acceptance Corp—			
Class A	10c	9½	10¼
Continental Capital Corp	10	9¾	10⅝
Continental Growth Fund Inc	1c	n6.69	7.31
Continental Investment Corp	3⅓	12⅜	12⅝
Continental Mortgage Investors	*	14¾	15¾
Corporate Leaders Trust Fund B		19.86	21.66
Crown Western Investments Inc—			
Diversified Income Fund	1	6.32	7.46
De Vegh Mutual Fund Inc	1	62.07	62.70
Delaware Fund Inc	1	11.86	12.96
Delaware Income Fund Inc	1	10.62	11.61
Delaware Valley Financial Corp—			
Class A	1	2⅞	3¼
Class B	1	1½	1⅝
Delta Capital Corp	1	5⅛	5¾
Dempster Investment Co	1	6⅛	--
Denver Real Estate Inv Assn	*	8¾	9¼
Developers Small Business			
Investment Corp	1c	3¼	3½
Devonshire Street Fund Inc		‡10.09	--
Dial Finance Co	*	38¾	41¼
Distributors Group Inc "A"	5c	4½	5
Diversification Fund Inc		‡22.48	--
Diversified Growth Stock Fund	1	9.04	9.91
Diversified Investment Fund	1	9.37	10.27
Diversified Trustee Shares ser C	1	16½	--
Dividend Shares Inc	25c	3.54	3.88
Dow Theory Investment Fund Inc	1	4.99	5.39
Dreyfus Fund Inc	1	18.26	19.85
Eaton & Howard Balanced Fund	50c	12.94	13.98
Eaton & Howard Stock Fund	50c	14.43	15.59
Economic Investment Trust—			
3s series B 1964 J-J		98½	--
Electronics Capital Corp	1	7¼	7½
Electronics Investment Corp	1	5.09	5.56
Electronics International			
Capital Ltd	£1	5¾	6⅜
Electro-Science Investors Inc com	1	2⅛	2¼
5½s debs eer A 1972 M-S		68	--
Empire Financial Corp	1	16¼	16¾
Empire Fund		‡24.05	--
Energy Fund Inc	1	‡23.14	--
Equitable Credit Corp (N Y)—			
20c participating preferred	2	n4¾	--
Equitable Credit & Discount—			
6½s junior conv sub debs '77 F-A		93	96
Common	*	2	2½
Equitable Savings & Loan Assn	4	34¾	37
Equity Fund Inc	20c	9.35	9.65
Equity Investment Corp	10c	¼	½
Far West Financial Corp	1	23	24⅝
Federal Street Fund Inc	1	‡47.25	--
Federated Growth Fund	1	y10.42	11.39
Federated Investors Inc—			
Class B non-vot	5c	3	4½
Fidelity America Financial Corp	10c	2	2½
Fidelity Capital Fund Inc	1	9.38	10.20
Fidelity Fund Inc	1	16.96	18.34
Fidelity Trend Fund Inc	1	15.60	16.97
Fiduciary Mutual Invest Co Inc	1	9.71	10.51
Finance Co of Pennsylvania	10	82	85
Financial Corp of Arizona	5	5½	6⅛
Financial Corp of Santa Barbara	1	15¼	17½
Financial General Corp—			
5¼s subord sf debs ww 1978 J-D		107	107½
Without warrants		95½	96½
Financial Industrial Fund Inc	1c	y4.39	4.81
First Bank Stock Corp	10	68¾	69½
First Boston Corp	10	85½	85¾
First Connecticut Small			
Business Investment Co	1	8⅜	8⅞
First Financial Corp of the West	*	13⅞	15
First Investors Corp class A	1	8¾	9⅝
First Lincoln Financial Corp	*	17⅞	19¼
First Midwest Capital Corp	5	7¼	8⅛
First Mortgage Investors	*	14⅞	15¼
First National Real Estate Trust	*	9⅝	10½
First Research Corp	10c	2½	2¾
First Small Business Investment			
Corp of N J	1	6⅞	7⅛
First Southern Co	1	4¾	5⅛
First Surety Corp	1	18¾	19¼
First Virginia Corp	1	5¼	5½
First Western Financial Corp	1	45¼	47¾
Florida Bancgrowth Inc	1	11⅛	11⅝
Florida Growth Fund Inc	10c	6.19	6.76
Florida Mutual Fund	1	2.21	2.42
Founders Mutual Fund	*	y6.38	6.93
Foursquare Fund Inc	1	11.09	12.12
Franklin Custodian Funds—			
Bond series	1c	2.59	2.85
Common stock series	1c	6.83	7.51
Preferred stock series	1c	2.69	2.96
Utilities series	1c	8.07	8.87
Franklin Realty—			
Shares of beneficial int	*	10⅛	11⅛
Fund of America Inc	1	7.95	8.64
Fundamental Investors Inc	1	10.26	11.24
Funds for Business class A	10c	4	--
General Acceptance Corp—			
Senior deb 4¾s 1971 F-A		100	--
Subord deb 5s 1970 J-D		100	--
Subord deb 6¼s ww 1974 M-N		113	--
Senior debs 5½s 1976 A-O		102	--
6s senior debentures 1980 F-A		102	--
5s conv subord debs 1981 J-D		98¾	--
General America Corp	5	117	120
General Contract Finance Corp—			
5½% conv preferred series A	20	18¼	19¼
General Corp of Ohio	1	14⅜	14¾
General Investors Trust	1	7.12	7.74
General Motors Acceptance Corp			
of Canada Ltd—			
4s June 1 1964		91¼	93¼
4¾s Dec 15 1969		87½	89½
Gibraltar Financial Corp of Calif—			
4½s conv subord debs 1976 J-D		105	--
Government Employees			
Financial Corp	2	46	49
Great Southern Real Estate Trust	*	11	11½
Great Southwest Corp	1	19½	20¼
Greater Washington Indus Invests	1	4½	5⅛
Greenfield Real Estate Inv Tr	*	14⅞	16⅛
Group Securities Inc—			
Aerospace-Science	1c	6.75	7.62
Common (The) Stock Fund	1c	13.78	15.09
Fully Administered Shares	1c	9.78	10.72
Growth Capital Inc	1	10¼	10⅝
Growth Industry Shares Inc	1	18.76	19.32
Guardian Mutual Fund Inc	1	‡23.17	--
Gulf-Southwest Capital Corp	1	5	5½
Hamilton Funds Inc—			
Series H-C7	1	5.26	5.75
Series H-DA	1c	5.13	--
Hamilton Management Corp—			
Class A com non-vot	10	13⅜	14½
Hawthorne Financial Corp	1	10¼	11¼
Hilton Credit Corp	1	3⅛	3⅜
Illinois Capital Investment Corp	1	3⅞	4⅜
Imperial Capital Fund Inc	1c	x8.13	8.84
Imperial Fund Inc	c	3.52	3.83
Income Foundation Fund	10c	2.71	2.64
Income Fund of Boston Inc	1	8.34	9.16
Incorporated Income Fund	1	9.83	10.74
Incorporated Investors	1	7.32	8.10
Institutional Shares Ltd—			
Institutional Foundation Fund	1c	12.24	13.38
Institutional Growth Fund	1c	11.05	12.08
Institutional Income Fund	1c	7.39	8.08
Insurance Securities Inc	*	26¾	28½
International Resources Fund Inc	1c	4.79	5.23
Interstate Finance Corp	1	21	21¾
Interstate Securities Co	5	9⅞	10⅝
Investment Co of America	1	10.97	11.99
Warrants		16¼	17
Investment Corp of Florida	2c	2½	2¾
Investment Trust of Boston	1	11.98	13.09
Investors Capital Exchange Fund		‡82.97	--
Investors Diversified Services—			
Class A non-voting	1	227	239
Investors Group Funds—			
Investors Mutual Inc Fund		11.75	12.70
Investors Stock Fund		19.39	20.97
Investors Selective Fund		10.53	11.26
Investors Variable Paymt Fund		7.12	7.70
Investors Intercontinental		6.11	6.60
Investors Research Fund	1	13.49	14.79
Istel Fund Inc	1	36.13	36.85
Japan (The) Fund Inc	1	9⅝	10⅜
Johnston Mutual Fund Inc	1	‡13.97	--
Keystone Custodian Funds Inc—			
Class A com non-vot	*	19½	20
B-1 Investment Bond Fund	1	24.90	25.98
B-2 Medium-Grade Bond Fund	1	23.57	25.72
B-3 Low Priced Bond Fund	1	16.74	18.27
B-4 Discount Bond Fund	1	x10.15	11.08
K-1 Income Fund	1	9.24	10.09
K-2 Growth Fund	1	5.42	5.92
S-1 High-Grade Com Stk Fund	1	22.31	24.34
S-2 Income Com Stock Fund	1	13.67	14.92
S-3 Growth Com Stk Fund	1	15.64	17.07
S-4 Low Prieed Com Stk Fund	1	4.39	4.80
Keystone International Fund Ltd	1	14.69	15.89
Knickerbocker Fund	1	6.64	7.28
Knickerbocker Growth Fund Inc	1	6.63	7.26
La Salle Street Capital Corp	1	6⅛	6⅞
Lazard (The) Fund Inc	1	16.75	17.62
Lexington Income Trust	1	11.41	12.47
Liberty Loan Corp common	1	43¾	46⅜
5¾% conv preference	25	30¼	31
Liberty Real Estate Trust	1	7	7⅝
Life Insurance Investors Inc	1	18.74	20.46
Life Insurance Stock Fund Inc	1	7.26	7.92
Livestock Financial Corp	1	5	5¼
Loomis-Sayles Canadian &			
International Fund Ltd	1	‡30	31
Loomis-Sayles Mutual Fd Inc	1	‡16.08	--
Lytton Financial	1	36	38½
Major Finance Corp	2	2⅞	3⅜
Managed Funds—			
General Industries shares	1c	1.82	1.99
Special Investment shares	1c	1.66	1.78

*Without par value. ‡Net asset value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock
xEx-dividend. y Ex-stock dividend.

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INVESTING COMPANIES SECURITIES

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

NOTICE—All bonds prices are "and interest" except where marked "f" and income and defaulted bonds

Stocks and Bonds—	Par	Bid	Ask
Marine Capital Corp	1	8¼	8½
Mass Investors Growth Stock Fund Inc	1	8.56	9.36
Massachusetts Investors Trust—Shares of beneficial interest	33⅓c	15.49	16.93
Massachusetts Life Fund	1	23.86	26.18
Medical Securities Inc	1	11.53	--
Mercantile Financial Corp	2	11¾	12⅞
Midland Capital Corp	1	8¼	8½
Midland-Guardian Co	*	18	19
Mid-States Business Capital	1	7	7¾
Midwestern Corp	1	9⅝	10⅛
Minnesota Capital Corp	10c	34c	40c
Monmouth Capital Corp	1	5⅞	6¼
Morton (B C) Fund Inc—Growth Series		6.87	7.53
Insurance Series		9.40	10.30
Mutual Investing Foundation	1	15.70	16.97
Mutual Investing Foundation Growth Fund	1	4.62	5.00
Mutual Investment Fund	1	9.96	10.93
Mutual Shares Corp	1	‡15.52	--
Mutual Trust Inc—Shares of beneficial interest	25c	2.94	3.00
Narrangansett Capital Corp	1	3¾	4
Nation Wide Secur Co Inc (Md)	1	22.26	25.16
National Investors Corp	1	15.99	17.29
National Realty Investors	*	11⅝	12⅛
Nat'l Securities & Research	8⅓c	8¾	9
National Securities Series—Balanced series	1	11.93	13.04
Bond series	1	6.17	6.74
Dividend series	1	4.26	4.66
Preferred stock series	1	7.34	8.02
Income series	1	x6.04	6.60
Stock series	1	8.21	8.97
Growth stocks series	1	x8.29	9.06
National Western Fund	1	10.27	11.25
New England Fund	1	11.68	12.63
New Horizons R P Fund Inc	1	9.64	9.74
New York Capital Fund Ltd	34c	‡15.69	--
North River Securities (N Y)	1	4⅛	4⅝
Northeast Investors Trust		a18.43	--
Nucleonics Chem & Electronics Shs	1	13.58	13.75
Oceanic Trading Co	10c	35	40
Ohio Capital		‡16.81	--
One William Street Fund Inc	1	13.49	14.74
Oppenheimer Fund Inc	1	16.21	17.72
Over-The-Counter Sec Fund Inc	1	5.84	6.35
Oxford Finance Cos Inc	1	6⅞	7⅝
Pacific Finance Corp—3½s debenture 1965	J-J	96	--
4⅝s debentures 1971	A-O	101½	--
4½s capital debs 1967	M-S	101	--
Pacific Savings & Loan Ass'n	18c	17⅛	18½
Parker Finance Corp	50c	2¼	2¾
Penn Square Mutual Fund—Ctfs of beneficial interest		‡17.54	--
Pennsylvania Real Estate Investment Trust	8	10¼	11¼
Pennsylvania Utilities Investment	1	22	24
Peoples Securities Corp	50c	8.46	9.27
Philadelphia Fund Inc	1	12.02	13.17
Pine Street Fund Inc	50c	11.78	11.89
Pioneer Finance Co	1	9	10
Pioneer Fund Inc	2.50	x9.74	10.64
Price (T Rowe) Growth Stock Fund Inc	1	16.11	16.27
Provident Fund for Income Inc	1	4.29	4.67
Puerto Rico Capital Corp	1	3⅞	4¼
Puritan Fund Inc	1	8.76	9.47
Putnam (George) Fund of Boston—Ctfs of beneficial interest	1	x15.35	16.78
Putnam Growth Fund	1	9.12	9.97
Putnam Management Co Inc	*	7⅝	8⅛
Quarterly Distribution Shares Inc	1	7.26	7.93
Research Investing		10.88	11.84
Revere Fund Inc	1	11.94	12.98
Ritter Finance Co—6% conv preferred	50	47½	--
6½s subord sf debs 1975 ww	M-N	99	--
Rittenhouse Fund		‡13.55	--
Riverside Financial Corp	1	8¾	9½
Rochester Capital Leasing Corp—Class A	1	18	19
St Louis Capital	1	7⅞	8½
Science Capital Corp	1	3½	3¾
Scudder Fund of Canada Ltd	25c	‡14.23	--
Scudder, Stevens & Clark Balanced Fund Inc	1	‡19.84	--
Scudder Stevens & Clark—Common Stock Fund	1	‡10.73	--
Second Centennial Fund Inc		‡15.67	--
Securities Invest Co of St Louis—4¾s debs 1968	J-D	96	--
Selected American Shares Inc	1.25	10.16	10.99
Shareholders Trust of Boston	1	11.24	12.28
Shares in American Industry Inc		14.85	16.19
Shawmut Association	*	41	43⅞
Sierra Capital Corp	*	5⅛	5¼
Small Business Investment Co of New York	1	10⅛	10⅜
Smith Investment Co	2	2,230	--
Southeastern Capital Corp	1	5½	6
Southeastern General Corp	10c	1	1½
Southwestern Capital Corp	1	1⅝	1⅞
Southwestern Investment Co	2.50	15	16¼
5½s senior notes 1975	M-S	100	--
5¾s capital notes 1975	M S	99	--
Southwestern Investors Inc	50c	8.85	9.57
Southw't'n Research & Gen Inv	5	5⅜	5⅝
Sovereign Investors Inc	1	15.25	16.70
Spring Street Capital Co	1	7⅛	7⅞
State Loan & Finance Corp—Class A	1	22¼	24⅜
6% preferred	25	26¼	27½
3¾s debentures 1966	M-N	96½	--
5.40s s f debs 1980	J-J	101½	--
5.40s s f debs 1981	J-D	101	--
5⅝s subord debs ww 1978	M-N	106	--
5¾s 1978 ww	M-N	107	--
4⅝s s f debentures 1983	J-D	98	--
5¼s capital subord debs 1983	J-D	98	--
State Street Investment Corp	10	41.00	43.75
Stein Roe & Farnum Balanced Fund Inc	1	‡38.99	--
Stein Roe & Farnham—Stock Fund Inc	1	‡33.69	--
Stephenson Finance	2.50	9¼	10¼
6s sf subord debs 1978	M-N	100	--
Sterling Investment Fund Inc		12.50	13.52
Supervised Investors Services Inc	1c	7⅝	8
Techno Fund Inc	1	3⅝	3⅞
Television-Electronics Fund	50c	7.66	8.35
Templeton Damroth Corp	10c	5	6
Templeton Growth Fd of Canada	1	9.69	10.59
Texas Capital Corp	1	4½	4¾
Texas Consumer Finance	80c	3⅜	3⅝
Texas Fund Inc	1	12.24	13.38
Thorp Finance Corp	1	7⅜	8
Thrift Investment Corp common	1	10½	11½
$1.50 conv preferred	*	27½	29½
Townsend Corp of America—Common	25c	⅝	¾
5% conv preferred	10	5¾	6½
Traders Finance 5¾s 1973	J-J	91	93
Trans-Coast Investment Co	5	16¾	17¼
Transcontinental Investing Corp—Class A common	1	9¼	9⅝
6½s conv subord debs 1981		86	90
Tri-Continental Corp—3⅞s debs series A 1966	M-S	99½	--
20th Century Growth Investors	10c	4.32	4.72
UBS Fund of Canada	1	10.38	11.34
Union Financial Corp	1	6¾	7¼
United Funds Canada Ltd	1	‡17.60	--
United Funds Inc—United Accumulative Fund	1	15.21	16.62
United Continental Fund	1	a--	--
United Income Fund	1	12.90	14.10
United Science Fund	1	7.13	7.99
United International Fund Ltd	£1	10.16	10.91
United Investors Corp. (Del.)—Class A	1	3½	4⅛
United Pacific Corp	1	38	40¾
U S Realty Investments (Ohio) Shares of beneficial interest		8⅝	8⅞
U S Realty & Invest Co of N J	1.50	5½	7½
Value Line Fund Inc	1	7.30	7.98
Value Line Income Fund Inc	1	5.45	5.96
Value Line Special Situations Fund Inc	10c	3.23	3.53
Vance, Sanders & Co Inc	50c	15½	15¾
Vanguard Fund Inc	1	5.89	6.44
Virginia Capital Corp	1	6¼	6¾
Waddell & Reed cl A com n-v	1	21⅛	22⅝
Wall Street Investing Corp	1	9.78	10.69
Wallace Investments Inc	2	7⅛	7⅞
Washington Mutual Inv Fund Inc	1	10.83	11.84
Washington Real Estate Investment Trust	1	6⅞	7⅛
Water Industries Capital Corp—Ex-distribution		a1⅛	1⅜
Wellington Equity Fund Inc Name changed to Windsor Fund			
Wellington Fund	1	14.83	16.16
Wellington Management Co—Class A common (non-voting)	10c	25½	26
West Bay Financial	1	9	10
Westland Capital Corp	1	8	8¼
Westminster Fund Inc		‡11.44	--
Whitehall Fund Inc	1	13.99	15.12
Windsor Fund	1	14.53	15.79
Winfield Growth Indus Fund Inc	10c	8.20	8.96
Wisconsin Fund Inc	1	7.13	7.71

* Without par value. ‡ Net asset value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. Ex-dividend. y Ex-stock dividend.

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Industrial and Miscellaneous Securities

Under the heading "Industrial and Miscellaneous Securities" we include all Bond issues which do not appear under the previous three headings, namely "Railroads," "Investing Companies" and "Public Utilities."

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

NOTICE—All bond prices are "and interest" except where marked "f" and income and defaulted bonds

OVER-THE-COUNTER INDUSTRIAL AND MISCELLANEOUS BONDS

	Bid	Ask
ACF-Wrigley Stores Inc—		
4¾s conv subord debs 1972 A-O	104	--
Abitibi Power & Paper—		
1st 3½s series A 1967 A-O	97	--
4½s series A 1966	90½	93½
6¼s series C 1977 M-N	94	96
Acme Steel Company—		
4⅞s s f debs 1977 J-D	102¼	--
Aerojet-General Corp—		
5¼s s f debentures 1981 M-N	103	--
Albee Homes Inc—		
5s conv subord debs 1982 J-D	58	62
Allegheny Airlines Inc—		
6¼s conv subord debs 1975 F-A	128	133
Allegheny Pepsi-Cola Bottling—		
6¼s sub s f debs 1977 w w J-D	140	146
Without warrants	94	96
Allied Stores Corp 4¾s 1976 M-N	100½	--
Aluminum Co of Canada Ltd—		
3½s debs 1971 J-J	84	86
American Biltrite Rubber Co—		
4¾% conv subord debs 1983 M-N	109	110½
American Brake Shoe Co—		
4½s s f debentures 1982 F-A	100	--
4½s s f debentures 1987 F-A	100	--
American Cement Corp—		
5s s f debentures 1978 A-O	100	--
American Electronics Inc—		
5¼s conv subord debs 1973 A-O	65	--
American Export Lines—		
4.50s Sept 1 1985	102	--
American Greetings Corp—		
4⅜s conv subord debs 1983 F-A	114	115½
American Hide & Leather Co—		
5s conv inc debs 1975 A-O	f83	90
American Optical Co 3⅛s 1968 M-S	93	--
American Petrofina Inc—		
5½% subord conv debs 1973 J-J	99¾	--
American Pipe & Construction—		
4¾s conv subord debs '77 M-S	102½	--
American President Lines 5s 1981	103	--
American Saint-Gobain Corp—		
5½s subord conv debs 1983 A-O	79	83
American Silica Sand—		
3-5s 1973 w s	f19	--
Anderson Clayton 4¼s 1998	71	--
Anelex Corp—		
5½s subord debs x w 1974 J-D	86¼	--
Arden Farms Co—		
5s conv subord debs 1986 J-J	93	--
Arkansas Valley Industries—		
6s conv subord debs 1977	84	88
Arlan's Dept Stores Inc—		
4½s conv subord debs 1982 M-N	93½	--
Ashland Oil & Refining Co—		
3s sf debs 1965 F-A	98	--
3½s sf debs 1971 M-S	95	--
3s debentures 1970 J-J	97	--
4½s s f debentures 1987 A-O	101¼	--
4.35s s f debs 1988	99¼	--
Assembly Products Inc—		
5¾s conv subord debs 1972	92	95
Associated Dry Goods Corp—		
4¾s s f debentures 1980 A-O	103	--
Associated Oil & Gas Co—		
6s conv subord debs 1975 J-J	114	118
Atlantic Co deb 5s 1980 A-O	99	--
Atlas Corporation—		
5s conv subord debs 1977 F-A	116	--
Atlas Plywood Corp—		
5½s conv subord debs 1975 M-N	190	--
Automatic Canteen Co of Amer—		
5⅜s s f debentures 1981 J-J	102	--
Automatic Retailers of America—		
4⅞s subord debs ww 1983 M-S	105	107
Without warrants	95	97
Avis Inc—		
6s conv subord debs 1970 A-O	116	118½
5½s conv subord debs 1972 F-A	158	--
Baltimore Paint & Chemical—		
6½s s f debentures 1973 A-O	86	--
BarChris Construction Corp—		
5½s conv subord debs 1976 M-N	f3½	--
Barium Steel Corp—		
5½s conv subord debs 1969 J-D	82	--
Bausch & Lomb Optical Co—		
4½s conv subord debs 1979 J-D	113	--
4¾s conv subord debs 1980 J-J	108	--
Belco Petroleum Corp—		
6s conv subord debs x-stk 1974	135	--
5s conv subord debs 1977 M-N	107½	--
Bell Electronic Corp—		
5½s conv subord debs 1977 A-O	56	--
Benson Manufacturing Co—		
6s conv subord debs 1971 M-N	75	--
Berman Leasing Co—		
5½s conv subord debs 1983 M-S	125	128
Billups Eastern Petroleum—		
7s debentures 1993 J-J	80	--
Billups Western Petroleum Co—		
6s partic debs 1984 M-N	96½	99½
Boeing Airplane Co—		
5s debs 1978 F-A	101	--
Boston Insurance Exch Bldg—		
5s due 1953 ext to Apr 1968 ws	f100	--
Bowl-Mor Co Inc—		
5½s conv subord debs 1976	40	--
Briggs Leasing Corp—		
6¾s conv subord debs 1972 A-O	75	85
Units	95	115
Bristol-Myers Co—		
3⅜s debentures 1977 J-D	91	--
British American Oil—		
3½s s f debs 1974 M-S	78	80
British Columbia Forest Prod—		
4½s s f debs 1981 J-J	90	--
Broadmoor Corp—		
4-6s (w s) 1966 M-S	f134	--
Broadway-Hale Stores—		
5s cons subord debs 1979 F-A	120	--
Brooklyn Fox Corp (N Y)—		
1st 4s extd to Aug 1967 w s	f80	82
Brown Co deb 4½s 1975 J-D	94	--
Burroughs Adding Machine Co—		
3⅜s s f debs 1977 J-D	89	--
Burroughs Corp—		
4⅜s s f debentures 1983 J-J	98	--
4½s sf debs 1988 J-J	99	--
Bush Hog Inc—		
6½s conv subord debs 1973 A-O	103	108
Units	28	--
Calif Eastern Aviation Inc—		
6s conv 1968 F-A	96	101
Campbell Chibougamau Mines Ltd—		
6s 1st mtge s f conv 1968 M-N	101	--
Canada Dry Ginger Ale Inc—		
4s s f debentures 1976 J-D	96	--
4¾ conv sub debs 1981 J-J	110	--
Canadian Breweries Ltd—		
4¼s 1981 J-J	91	93
Canadian Petrofina Ltd—		
4s series A 1972 M-N	81	83
Capital Airlines—		
4½s conv debs 4½s 1976	88	--
Carrier Corporation—		
4½s conv subord debs 1982 F-A	99½	--
Cary Chemicals Inc—		
6¼s subord debs 1979 x-s M-S	87	89
1st 6s 1976	92	--
Celotex Corp—		
4½s conv subord debs 1976 M-N	86¾	87¾
Cenco Instruments Corp—		
4½s conv subord debs 1980 F-A	114	117
Central Charge Service Inc—		
6s 1975 w w F-A	105	115
Chanin Building —		
2d leasehold 2s 1970 (w s) M-S	f131	--
3d leasehold 1s 1970 (w s) M-S	f141	--
Charter Oil Co Ltd—		
5¾s subord conv debs 1972 F-A	83	--
Clark Cable Corporation—		
6½s conv subord debs 1972 J-D	90	100
Clark Equipment Credit Corp—		
5¼s debs series A 1981 M-S	102	--
Coastal States Gas Producing Co—		
5½s s f debs w w 1977 J-D	680	--
5½s 1977 ex-all warrants	104	105½
6s s f debs 1980 w w M-S	232	--
6s 1980 ex warrants	106	107½
1st mtge 5s series A 1983 J-D	104	--
Collins Radio Co—		
4¾s conv subord debs 1980 M-S	94	--
4¾s conv subord debs 1983 J-J	109½	--
Colonial Stores Inc 4.90s 1977 M-N	100	--
Combustion Engineering Inc—		
3⅛s s f debs 1979 M-N	87	--
Community Charge Plan—		
6s subord debs 1976	66	70
Units	80	--
Consolidated Cigar 4¼s 1975 J-D	95	--
Consolidated Diesel Electric—		
6s conv subord debs 1975 J-D	92	97
Consolidated Leasing Corp of America 6½s debs 1978 A-O	112	114
6½s 1978 ex-wts	84½	85½
Container Corp of America—		
3.30s s f debentures 1980 J-J	91¼	--
4.40s s f debentures 1987 J-D	100½	--
Continental Air Lines Inc—		
4¾s conv subord debs 1970 M-N	162	166
Control Data Corp—		
4¼s conv subord debs 1977 M-S	198	202
Cooper Tire & Rubber Co—		
5¼s senior sf debs 1974 ww A-O	113	116
5¼s 1974 ex-warrants	95	97
Coral Ridge Properties Inc—		
6¼s sf subord debs ww '77 A-O	92	96
Without warrants	86½	90½
Cornell-Dubilier Elec 3⅞s 1972 M-S	80	85
Cott Beverage Corp—		
Conv subord debs 5s 1976 J-J	96	98
Cowles Chemical Co—		
5¼s conv subord debs 1980 J-D	116	120
Crampton Mfg 5½s 1975 ww M-S	86	--
Cudahy Packing Co—		
1st mtge s f 2⅝s ser C 1967 M-N	90	--
Cuneo (The) Press Inc—		
5s conv subord debs 1978 J-D	88	--
Daitch Crystal Dairies Inc—		
5½% conv subord debs 1979 A-O	84	--
Dayton Rubber Co—		
5¼s conv subord debs 1972 J-J	a--	--
5½s conv subord debs 1980 F-A	101	103
Deere & Co 4½s debs 1986 A-O	101½	--
Deere (John) Credit Co—		
4⅞s debentures ser A 1985 A-O	102½	--
4¾s debentures ser B 1981 A-O	102	--
Dejur-Amsco Corp—		
6s conv subord debs 1974 J-D	75	80
Detroit Steel Corp 4⅞s 1970 A-O	100	--
Devoe & Raynolds Co 2⅞s '65 A-O	96	--
Diamond Alkali Co 3¾s 1978 F-A	91	--
Dilbert's Leasing & Development—		
5¾s conv debs 1979 J-D	f15	20
District Wholesale Drug Corp of Wash 6s 1976 A-O	95	--
Dixon Chemical Industries Inc—		
6s subord debs 1978 J-D	58	61
6s conv debs 1981	f56	--
Donnelley (R R) & Sons—		
3¾s debentures 1978 M-N	95	--
Dorsey (The) Corp—		
6½s subord debs ww 1975 A-O	103	--
Without warrants	93	--
Doughboy Industries Inc—		
5½s conv subord debs 1977 A-O	96½	--
Dulany Industries Inc—		
6½s s f subord debs 1977 ww J-J	98	103
6½s ex-warrants 1977	91	--
Duriron Co Inc—		
4¾s subord debs 1975 J-D	143	--
Duro-Test Corporation—		
5½s sub debs ser A 1982 ww A-O	105	107
5½s without warrants 1982	95	97
Eaton Manufacturing Co—		
4⅜s debs 1988 J-J	100½	--
Economics Laboratory, Inc—		
4¾s conv debs 1976 A-O	158	--
Eddy (E B) Co 1st 4s s f 1974	87	89
Eichler Homes Inc 6½s debs 1973	96	99
810 South Spring Bldg—		
1st cum inc 3-5s 1966 ex-stk J-J	f85	--
Eitel-McCullough Inc—		
5¼s conv subord debs 1974 M-N	90	--
European Coal & Steel Community		
See High Authority (below)		
Executive House Inc—		
6s subord s f debs 1971 A-O	70	72
Units	9	10
FMC Corporation—		
3⅛s conv subord debs 1981 A-O	109	110
Fairb'ks Morse & Co 2¾s 1967 M-N	84	--
5¾s conv subord debs 1972 J-D	93¼	--
Farrington Manufacturing Co—		
5½s conv subord debs 1970 A-O	52	55
Fashion Park deb 5s 1963 M-N	f98	--
Fed-Mart Corp—		
6s conv subord debs 1979 J-D	102	--
Fedders Corporation—		
5½s s f subord debs 1979 M-N	100	--
Federal Shell Homes Inc—		
9s conv subord debs 1981 A-O	24	30
Units	2¼	3
Ferro Corp 3⅝s debs 1975 J-J	111	114
51 East 42nd Street—		
3s with stock 1966 Ann Mar	f128	--
Firestone Tire & Rubber Co—		
4¼s debentures 1988 J-J	100⅛	--
Flintkote Company 4⅜s 1977 A-O	98½	--
4⅝s s f debentures 1981 A-O	102½	--
Food Fair Properties Inc—		
5½s debentures 1975 M-S	83	--
Food Fair Properties Development—		
6s coll trust 1984 J-D	84	86
Units	44	47
Food Fair Stores Inc 3s 1965 J-J	96	--
3⅜s s f debentures 1974 M-S	90	--
Food Machinery & Chemical Corp—		
2¾s s f debs 1969 F-A	91½	--
3.80s s f debentures 1981 J-J	94¼	--
Fram Corp 6s conv s f deb '66 J-D	330	--
Frontier Refining Co (Wyo)—		
6s conv subord debs 1969 M-N	105	--
Fruehauf Trailer Co—		
3¾s s f debentures 1974 J-D	91	--
Debenture 4s 1976 M-S	91	--
Conv subord debs 4s 1976 M-S	119	--
Gabriel Co—		
5¾s 1974 ww J-J	104	--
5¾s 1974 ex wts	99	--
Garrett (The) Corporation—		
5¼s debentures 1982 J-J	104	--
Gateway Sporting Goods Co—		
5⅜s conv subord debs 1977 M-S	112½	115
Gem International Inc—		
5¾s conv subord debs 1979 M-N	104½	105½
General American Transportation—		
4.55 eq tr ctfs ser '59 1981 A-O	102	103
General Portland Cement Co—		
5s conv subord debs 1977 A-O	109	110
General Tire & Rubber—		
6s subord debs ww 1982 A-O	195	--
Georgia Pacific Corp—		
Subord debs 5s 1976 J-J	98½	99¼
Gera Corp 6s subord debs 1976 J-D	98	--
Glastron Boat 6s debs 1966 F-A	77	81
Glenmore Distilleries Co—		
4s s f debentures 1972 F-A	93	--
4¾s conv subord debs 1981 A-O	107½	109
Grace Line Inc—		
SS Santa Paulo 4.20s 1978 A-O	99⅞	--
SS Santa Rosa 4¼s 1978 J-J	100	--
Gray Drug Stores Inc—		
5s conv subord debs 1982	94½	--
Great Plains Development—		
1-4s notes 1965 w w	101	--
Green River Steel 3½s 1982	20	23
Greer Hydraulics Inc—		
5½s conv debs 1965 M-S	77	85
Gyrodyne Co of Amer, Inc—		
6s conv subord debs 1976 ww M-S	90	95
Without warrants	85	90
Units	65	70
Hammermill Paper 3s debs '65	95¼	--
Harshaw Chemical Co—		
5s debentures 1978 A-O	102½	--
Hathaway Bakeries 4s 1966 M-N	92½	--
Hickok Electrical Instrument—		
6s conv subord debs 1974 A-O	100	105
High Authority of the European Coal & Steel Community—		
Serial secured notes (14th series)		
4¾s Oct 15 1963	99¾	--
4⅞s Oct 15 1964	99½	--
5s Oct 15 1965	99¼	--
Highway Trailer Industries—		
6½s conv subord debs 1975 M-S	62	66

*No par value. †Net asset value. a Called for redemption, see page 94. e Ex-interest. f Flat price. k Last sale. n Nominal. r Canadian dollar value

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INDUSTRIAL AND MISCELLANEOUS BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

NOTICE—All bond prices are "and interest" except where marked "f" and income and defaulted bonds

Bonds—	Bid	Ask
Hilco Homes Corp—		
6½s conv subord debs 1979—M-S	77	81
Hilton Hotels Corp—		
4½s conv debs 1970—J-J	86	--
6s subord debs 1984 w w	94	96
Without warrants	88	89
Holly Sugar Corp—		
4⅜s conv subord debs 1983—M-N	113	114½
Home Oil Co Ltd—		
5¾s conv debs 1971—J-D	92	94
6s conv subord debs 1975—J-J	100	103
Homestake Mining Co—		
5⅞s s f debs 1969—M-S	a--	--
5⅛s subord conv debs 1972—M-S	133	137
Horne (Joseph) Co—		
5⅝s conv subord debs 1973—A-O	145	--
Hotel St George Corp (Brooklyn)—		
5½s 1971	68	72
Houston (The) Corp—		
5s subord debs 1968—F-A	97½	--
Hudson Bay Oil & Gas 4s 1975—M-N	80	82
Imperial Oil Ltd 3⅝s 1975—F-A	78½	80½
S F debs 3s 1969—J-D	83	85
Indiana Limestone 4s 1975—J-J	f70	--
Insurance Exchange Bldg (Bost)—		
5½% land trust ctfs	87	--
International Airport Hotel System		
6s conv subord debs 1977—A-O	62	68
Interstate Hosts Inc—		
5s conv subord debs 1981—M-N	99	101
Jefferson Lake Asbestos Corp—		
6½s ser A subord debs 1972—J-D	68	74
Jessop Steel Co—		
5¾s conv subord debs 1975—J-J	91	94
Kaiser Nelson Corp—		
6¾s conv subord debs 1974—M-N	85	95
Kaman Aircraft Corp—		
6s conv subord debs 1974—J-J	88	98
Kearney (James R) Co 6½s 1976—	60	65
Kentucky-Jockey Club 6s 1973—J-D	55	63
Kerr-McGee Oil Industries Inc—		
5¼s s f debentures ww 1977—J-D	107½	--
Without warrants	103½	--
Keyes Fibre Co—		
5¼s subord debs ww 1985—J-D	n119	--
Without warrants	105	--
Keystone Steel & Wire Co—		
4½s conv subord debs 1981—A-O	106	107
Kidde (Walter) & Co Inc—		
5s conv subord debs 1972—A-O	89	91
Korfund Inc—		
6½s conv subord debs 1971	60	68
Units	100	115
Lafayette Radio Electronics—		
5½s conv subord debs 1976—M-S	95	98
Lehigh Portland Cement Co—		
4⅞s s f debs 1979—A-O	103	--
Lerner Stores Corp 3s 1967—J-J	91	--
Lestoil Products Inc—		
6½s conv subord debs 1973—M-N	76	79
Libby McNeill & Libby 2⅞s '67—F-A	93½	--
Lit Brothers 4s debs 1970—M-S	94	--
Loblaw Groceterias Co Ltd—		
4¾s series D 1976—A-O	113	118
6s series E 1977—M-S	90½	92½
Long Mile Rubber Corp—		
6s subord debs ww 1974—M-S	a--	--
Loral Electronics Corp—		
4½s conv subord debs 1980—J-D	76	80
Lowenstein (M) & Sons—		
4⅜s cons subord debs 1981—F-A	81½	--
Lyntex Corp 6½s sf debs 1977	74	--
Macco Realty Co—		
6s conv subord debs 1977-97	98	--
Mack Trucks Inc—		
5⅛s subord debs 1981 ww—A-O	104	--
Magnolia Park Inc—		
6s subord conv debs 6s 1969—A-O	f20	24
Major Realty Corp 6s ww 1967 F-A	f38	--
Without warrants	f38	--
Mallinckrodt Chemical Works—		
5s conv subord debs 1974	103½	105
Mansfield Tire & Rubber Co—		
5s conv debentures 1974	92	--
Marine (The) Corporation—		
4¾s conv debs 1979—M-N	106½	--
Marsh Supermarkets Inc—		
5s conv subord debs 1980—J-D	100½	--
Martin Paint 7s 1971	100	130
Mastan Co Inc—		
5½s senior notes 1977—A-O	100	--
Maust Coal & Coke Corp—		
5¼s s f debs 1977—A-O	101	--
4⅜s conv subord debs 1983—J-D	112	--
Mead Corp 4s debs 1983—J-J	93	--
4½s debentures 1986—A-O	101¼	--
Melville Shoe Corp—		
4⅞s debentures 1980—A-O	101	--
Merchants Refrigerating 5s '72—J-J	f87	--
Miami Window Corp—		
6½s s f debs ww 1974—M-S	f55	60
Without warrants	f55	60
Microdot 5½s conv sub debs 1977—	92½	94½
Miles Labs 4¾s conv sub debs 1980—	127	--
Minneapolis-Honeywell Regulator—		
4½s s f debentures 1986—A-O	101½	--
4¼s s f debentures 1988—F-A	99⅛	99½
Minnesota & Ontario Paper—		
3.30s s f debs 1975—M-S	91½	--
Mississippi River Fuel Corp—		
4¾s s f debs 1978—M-S	102½	--
5⅜s s f debentures 1980—J-J	103¼	--
Mississippi River Transmission—		
5s s f debentures 1981—M-N	100¼	--
Mitsui & Co Ltd—		
6⅜s conv s f debs 1978—M-S	103	105
Modern Homes Construction Co—		
6s subord debs 1981—J-J	65½	67½
Units	22	26
Mohawk Airlines Inc—		
6s conv subord debs 1975—J-J	115	125
Mohawk Business Machines Corp—		
Conv subord debs 1969—J-N	f19	--
Mohawk Rubber Co—		
4½s conv subord debs 1983—F-A	101½	102½

Bonds—	Bid	Ask
Montecatini 5½s debs '79 w w—J-D	102	105
Without warrants	100	102
Moore McCormack Lines Inc—		
SS Argentine series 5s Nov 1978—	103	--
S S Brazil 4.20s 1983—J-J	99⅞	--
Morris Shell Homes Inc—		
8s subord debs 1986—J-J	f20	28
Motorola Inc 4¾s debs 1986—A-O	102½	--
Mountain Fuel Supply—		
3½s debentures 1971—A-O	94½	--
3⅛s debentures 1974—J-D	88⅞	--
4s debs 1983—J-D	95½	--
4⅞s debs 1986—M-S	104½	--
Mueller Brass Co—		
3⅝s conv subord debs 1975—J-D	107	110
Munsingwear Inc—		
5s conv subord debs 1980—A-O	137	141
National Bagasse Products—		
Subord debs 7s 1967	65	67
Units	187	197
National Equipment Rental Ltd—		
6s s f subord debs 1970—F-A	86	88
Nationwide Homes Inc units	6¾	8
Newark Electronics Corp—		
5¼s conv subord debs 1982—A-O	81	85
Nixon-Baldwin Chemicals Inc—		
6½s subord debs 1980—M-N	84	--
Northern Chemical Industries—		
5½s subord debs 1969—J-D	72	--
Northwest Nitro-Chemicals Ltd—		
Subord debs 6s 1979—J-D	72	78
Oklahoma Cement Co—		
6½s subord debs 1974—J-D	97	99
5¾s s f debentures ww 1976—A-O	n105	--
Ex-warrants	n95	--
Old Empire Inc—		
6s conv subord debs 1971—J-D	f35	42
One Hour Valet 6s 1975	40	--
165 Broadway Bldg Inc (N Y)—		
1st sf 5½s-5¾s May 1970 ws F-A	88	--
Oswego Falls Corp.—		
4¼s conv subord debs 1976—A-O	118	123
Outdoor Development 7½s '76—J-D	56	59
Units	30	34
Ozark Air Lines Inc—		
6½s conv subord debs 1978—J-D	103	106
Pacific Air Lines, Inc units	137	--
6½s conv subord debs 1976—J-J	103	108
Pacific Far East Line Inc—		
Merchant Marine 5s 1981—J-D	103	--
Pacific Petroleums Ltd—		
5s conv debs 1977—J-J	101	103
5½s s f debs ww 1973—A-O	114	--
5½s 1973 Ex-warrants	102	103
Packaging Corp of America—		
4⅜s s f debentures 1987—A-O	97½	--
Park Place-Dodge Corp (N Y)—		
5s Sept 1972 (w s)—M-N	f87	--
Parkview Drugs Inc—		
5½s conv subord debs 1977—J-D	114	119
Pauley Petroleum Inc—		
5¾s conv subord debs 1976—J-D	114	--
Peabody Coal Co 5¼s 1976—A-O	105	--
Pennsylvania Salt Mfg. Co—		
3.45s s f debs 1981—A-O	85	--
Penobscot Chemical Fibre Co—		
1st mtge 4⅛s 1974—A-O	95	--
5¾s conv subord debs 1980—J-D	103	--
Perfect Photo Inc—		
5½s conv subord debs 1980—A-O	54	57
Perrine Industries Inc—		
6½s conv subord debs 1979—J-D	f26	31
Pet Milk Co 4¼s s f debs 1982—J-D	99½	--
Photon Inc 5s conv sub dbs '71—J-D	205	225
Plastic Applicators Inc—		
6s debs 1969—J-J	83	93
Poli-New England Theatre—		
Gen income 5s Nov 15 1983—J-D	f87	--
Polymer Corporation—		
5½s conv subord debs 1975—A-O	94	--
Producing Properties 5s 1969—M-N	105	106
Puerto Rico Brewing Co Inc—		
7s s f debentures 1977—F-A	88	90
Units	19¾	20¼
Quincy Market Cold Storage—		
4s 1965—M-N	92	--
Ralston Purina 3⅛s 1977—A-O	88	--
Reading Tube Corp—		
5¾s s f debs ww 1974—J-J	101	--
Ex-warrants	n95½	--
Red Owl Stores Inc—		
4¾s conv subord debs 1978—F-A	155	--
Republic Pictures deb 4s 1965—J-D	f94	--
Riegel Paper 3¾s debs 1980—M-N	89	--
3⅞s s f debentures 1981—F-A	92	--
5¼s s f debentures 1985—M-N	103½	--
Ritter Company Inc—		
4½s conv subord debs 1980—J-D	105½	--
Rogers (John) Co—		
6s conv subord debs 1976—A-O	105	--
Roosevelt Hotel deb 5s 1964—M-N	96½	--
Safeway Stores 4¼s ser B '69—M-N	100	--
Salem-Brosius Inc—		
5½s conv subord debs 1973	60	--
Seagram (Joseph E) & Sons—		
4¼s debentures 1983—A-O	97	--
Servo Corp of America—		
6s conv subord debs 1974—A-O	54	--
Servomechanisms Inc—		
5s conv debs 1966—J-D	70	--
Shamrock Oil & Gas Corp—		
3½s s f debentures 1967—A-O	99	--
4⅝s s f debentures 1987—J-J	103	--
Sheraton Corp of America—		
6s debentures w w 1979—A-O	115	--
Without warrants	100½	101½
5s w w 1967	100	--
Without warrants	96½	98
4¾s 2nd conv debs 1967—M-S	95	--
6½s cum inc sub debs 1981—J-J	f89	--
7½s cap inc s f debs 1989—J-J	f89½	--
Shin Mitsubishi Heavy Industries		
6½s conv debentures 1977—M-S	108	110

Bonds—	Bid	Ask
Simpsons Ltd 5s series B 1976—J-D	110	115
5½s series C 1979—M-S	95½	97½
4¾s debs 1973—J-J	96	--
South Coast Corp—		
Cum inc sub deb 5s 1973—M-N	93	--
Southern Bakeries 7½s debs 1989—	f70	80
Southern Industries Corp—		
7s income debs 1982	96	100
Southwest Forest Industries—		
Sub inc debs 6½s 1985—J-J	f65	--
Special Metals Inc—		
6s subord debs 1976—J-J	91	92
Speedry Chemical Products—		
6s conv subord debs 1975—J-D	81	--
Sperry (The) Corp 3⅛s 1969—J-D	87	--
Sperry Rand Corp—		
5½s s f debs 1982 ww—M-S	117	--
5½s 1982 "without warrants"—	103	104
Sprague Electric 4⅜s 1988—M-S	--	99⅝
Staley (A E) Mfg 3¼s 1977—J-J	89	--
Standard-Thomson Corp—		
5s debentures 1967—M-S	100	--
States Steamship Co		
5s SS series 1981—J-D	103	--
4¼s SS series 1987—M-S	100	--
Steel Crest Homes—		
Sinking fund debs 8s 1981—M-S	87	91
Sterling Drug 3¼s debs 1980—A-O	88	--
Stouffer Foods Corp—		
4¼s conv subord debs 1981—A-O	104	105½
Strouse Inc—		
6s conv subord debs 1981—M-S	--	72
Sun Chemical Corp 2¾s 1966—F-A	94¼	--
Sunset Internat Petrol 6¼s 1974—	107	112
Sylvania Electric Products Inc—		
3¾s s f debentures 1971—M-N	95½	--
4s s f debs 1978—F-A	95	--
4¾s s f debs 1980—M-S	102	--
5½s sinking fund debs 1984—M-N	104½	--
Talley Industries Inc—		
5½s conv subord debs 1976—M-N	94	--
Tel-A-Signs Inc.—		
6½s conv subord debs 1974—M-S	60	--
TelAutograph Corp—		
4¾s conv subord debs 1965—J-J	85	88
6s 1978 w i	86	89
Temco Aireraft Corp—		
5¼s conv subord debs 1971—A-O	92	--
Textron American—		
5s conv subord debs 1971—J-J	119	--
Textron Inc—		
5s subord debs ww 1984—F-A	126	127
Without warrants	97	97½
Thompson Products 3¼s 1971—A-O	88	--
Thor Power Tool Co—		
4⅞s conv subord debs 1981—J-D	104½	106½
Thriftimart Inc—		
6s conv subord debs 1977—J-J	118	--
5s conv subord debs 1980—J-D	104	--
Tokyo Shibaura Electric Co Ltd		
6⅜s conv debs 1978—M-S	106½	--
Tracerlab 5s conv debs 1970—M-N	85	--
Traveler Radio 6½s 1975 w w—	90	--
Triad Oil Co 4¾s 1971—M-S	82	84
Union Sulphur & Oil 4s 1978—M-S	97	--
U S Industries—		
5½s conv subord debs 1971—J-D	95	98
4½s conv subord debs 1970—M-N	96	99
U S Plywood Corp—		
3.40s s f debs 1980—J-J	85½	--
4¼s s f debentures 1981—J-D	94	--
5¼s s f debentures 1985—A-O	104	--
United States Steel Serial Debs—		
2.65s 1964—F-A	98½	99¼
Universal Container 6s 1971	84	89
Uris Buildings Corp—		
6½s s f debentures 1975	104	106
Van Norman Industries Inc—		
4½s conv subord debs 1976—A-O	80	--
Victor Comptometer Corp—		
4⅞s s f debs 1988—A-O	97½	--
Vulcan Mold & Iron Co—		
6s conv subord debs 1981—M-N	96	--
Wacker Wabash Bldg—		
5s w s '65—J-J	f154	--
Wallace Properties Inc—		
6½s conv subord debs 1975—J-D	109	--
Wallace (Wm) 6½s 1981	98½	100
Walnut Grove Products Co—		
6½s s f debs ww 1975—F-A	141½	--
Without warrants	100	--
Walter (Jim) Corp—		
9s Dec 31 2000—F-A	115	118
5⅞s 1st sub deb 1981 w w—J-D	94	95
Without warrants	93	95
Washington Trotting Assn units—	185	200
Sub s f 6½s 1977—M-S	86	92
Webb (Del E) Corp—		
6½s conv subord debs 1975—J-D	195	202
West Virginia Pulp & Paper Co—		
3¼s debentures 1971—A-O	94	--
4s debentures 1978—J-J	96¾	--
Westinghouse Air Brake Co—		
3⅞s debentures 1978—M-S	95	--
White Stores Inc—		
4¾s conv subord debs 1979—M-S	86	89
Willoughby Tower Bldg Corp—		
(Chicago) 1st 4s 1965—A-O	f68	--
Winn & Lovett Grocery Co—		
Debentures 3¼s 1974—A-O	92	--
Winn-Dixie Stores Inc—		
S f debs 3¾s 1976—A-O	95	--
Winston-Muss Corp—		
6½s conv subord debs 1981	76	78
Units	20	22
Witco Chemical Co Inc—		
5s sf debentures 1980—J-D	102	--
Wyle Laboratories—		
5½s conv subord debs 1977—M-S	73	77
Yale Express System Inc—		
4¼s conv subord debs 1983—F-A	103	103½
York Corp 3⅜s s f debs 1974—A-O	93½	--
Yuba Consolidated Industries—		
5½s conv subord debs 1975—M-S	f45	--
Zapata Petroleum Corp—		
5s convertible debs 1972—J-J	99½	--

a Called for redemption, see page 94. e Ex-interest. f Flat price. k Last sale. n Nominal. r Canadian price.

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Industrial and Miscellaneous Stocks

We are publishing in this section the values for the Over-the-Counter shares only. The listed issues can be found in the earlier part of this publication, under the particular exchange the stock is traded.

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

OVER-THE-COUNTER INDUSTRIAL AND MISCELLANEOUS STOCKS

Stocks—	Par	Bid	Ask
A & E Plastix Pak	*	13	14⅛
A B C Air Freight	10	2½	2⅞
ABC Cellophane— Class A	10c	1⅛	1½
ABC Industries	10c	¾	1⅛
A G Foods— Class A common	*	7	7½
A K Electric Corp	1c	1/16	⅜
A. L. D. Inc	1	4¾	4⅝
ATU Productions	10c	½	¾
Aaronson Bros— 70c conv pfd	2.50	9	—
Abbey Rents	1	8⅞	9¾
Abercrombie & Fitch	1	24	26
$6 preferred	75	96	100
Aberfoyle Mfg	25	30¼	—
Abitibi Pwr & Paper	*	40¾	41¾
Able Land & Minerals Ltd	1	28c	32c
Accuracy, Inc	*	n½	1½
Accurate Electron	25c	⅞	1⅛
Ace Trophies Corp	10	29c	33c
Aceto Chemical	1c	1⅛	1½
Acme Electric Corp	1	10¼	11½
Acme Industries	1	4¼	5
Acme Visible Records	1	14	14½
Acoustic Chemical	10c	⅛	5/16
Acoustica Assoc	10c	1⅝	2⅛
Acushnet Process	2	32	34
Addison-Wesley Publishing B com	*	23½	26¼
Adelphi Electronics	10c	¾	1
Adirondack Indus	1	6½	7
Adler Built Indus	10c	30c	40c
Adler Electronics	10c	16¾	18⅜
Adley Corp	2	7	7¾
Admiral Benbow Inn	*	9⅜	9⅝
Admiral Homes	1	1⅜	1⅝
Admiral Photo	10c	⅛	—
Adson Industries	10c	2⅜	2¾
Advance Industries	1	13/16	1
Advance Mortgage	1	9¼	9⅝
Aero-Chatillon	10c	1¼	1¾
Aero Geo Astro	20c	4⅛	4½
Aero Industries	25c	¾	1
Aeroflex Lab'tories	1	2⅞	3⅜
Aerological Res.	10c	1½	2
Aeronautical Elec'tr	1	2⅛	2½
Aeronca Mfg Corp— 55c preferred	10	2½	3½
5½% prior pfd	20	5½	6½
Aerotest Laborat's	10c	2¾	3¼
Aerovox Corp	1	3⅞	4½
Aetna Maintenance	*	1⅝	2⅛
Ainsbrooke Corp	1	5⅛	5⅝
Ainslie Corp	1	90c	1.10
Airbalance Inc	5c	1¼	1¾
Aircraft Armaments	1	6½	7
Air Express Int'l Agency Inc	50c	15¼	15¾
Airpax Electronics	1	2¼	2⅝
Air-Springs Inc	2c	1¾	2¼
Airtek Dynamics	*	⅝	1
Airtronics Internatl Corp of Florida	10c	⅝	1
Airwork Corp	1	6⅞	7¼
Air-X Industries— Class A	10c	1⅜	1¾
Ajax Magnethermic	*	10	11¼
Aksman (L J) & Co.	10c	2¼	3
Alabama Dry Dock & Shipbuilding	*	48	—
Alaska Internat Corp	3c	6c	10c
Alaska Oil & Min	15c	1/16	⅜
Albee Homes Inc	*	5⅞	6¾
Alberta Gas Trunkline Co Ltd class A	5	24⅜	25
Alberto-Culver Co.	*	47¾	50¾
Albertson's Inc— Class B common	1	18	18½
Alco Chemical Corp	1c	1⅛	1⅛
New com (reverse split 1-for-6)		6	6¾
Alco Oil & Gas	3½c	⅝	⅞
Alcolac Chemical	20c	8¼	8¾
Alcon Laboratories	*	26¾	27¼
Alden Electronic & Impulse class A	1	1	1¼
Algoma Steel Corp	*	40¾	41¾
Alico Land Development Co	1	6⅝	7¼
Alison Ayres Inc	10c	6½	7¼
Alix of Miami Inc Class A	25c	2⅜	2¾
Alkon Industries	10c	2¾	3½
All Star World Wide	10c	¼	¾
All State Auto Rental	1	6½	7½
All State Freight	1	6¾	7¼
All-Tech Industries	10c	1⅞	2¼
All Weather Roll N'ice class A	10c	n½	—
Allegheny Pepsi Cola Bottling Co	50c	10¼	10¾
Warrants		4¾	5
Allegri-Tech Inc	50c	1⅝	2
Allen (R C) Business Machines Inc	1	5¾	6
Allen Organ class B	1	8⅝	9⅝
Allgemeine Elektricitaets-Gesellschaft Amer dep rcts		61¼	62¼
Allied Capital Corp	1	6½	7½
Allied Entertainment Corp of America	5c	½	—
Allied Graphic Arts Inc	1	5⅜	5⅝
Allied Maintenance	3	21¼	23
Allied Petro-Prod	10c	1	1¼
Allied Properties	*	18¼	20⅛
4½% conv pfd	50	48½	51⅝
Allied Radio Corp	1	15	16⅛
Allied Thermal Corp	25	39½	40½
Allis (Louis) Co	10	33½	34¼
Alloys and Chemicals	1	9¾	10⅝
Allvac Metals Co	1	4¾	5½
Allyn & Bacon Inc	50c	28	28¾
Almo Industrial Electronics cl A	1	2¼	2⅝
Aloe Creame Labs	1	3⅛	3½
Alpine Geophysical Associates Inc	10c	2½	2¾
Altamil Corp	50c	7½	7¾
Alterman Foods	2.50	28¾	30⅝
Alton Box Board	10	17	—
Aluminum & Chemicals Corp (Del)	30c	½	¾
Aluminum Insul	10c	5c	10c
Aluminum Specialty	5	5⅝	6⅛
Amalgamated Leather	1	1	1¼
Amalgamated Sugar 5% 1st preferred	10	10	10½
Amerford Int'l	10c	n½	1
America Corp	1	1¼	1⅜
Amer Aggregates	5	26	27
American Air Filter	1	27	28⅞
Amer Alloys Corp	25c	⅛	¼
6% conv pfd	5	½	—
Amer Asiatic Oil	1p	7/8c	1c
American Assets Inc		2¾	—
Amer Automatic Vending Corp	*	6¾	7½
American Bank Stationery Co	1.25	22	24
Amer Beverage Corp 20c prior preferred	1	2¾	—
Amer Biltrite Rubber— 6½% 1st pfd	100	110	—
2nd preferred	*	14¾	16
Amer Boatbuilding	15c	¾	1⅛
Amer Bowl'g Enterpr	1	⅞	1⅛
American Building Maintenance Indus	*	9	10
American Chrome	1	n4	4½
Amer Consumers Ind 6% non-cum pfd	100	100	—
Amer Cryogenics	50c	11¾	12¾
American Data Mach Inc	10c	—	1/16
Amer Dredging	12½	97	105
Amer Duralite	10c	9/16	¾
Amer Electronic Labs class A	1	10½	11¾
Amer Express Co	5	57⅞	60¾
Amer Factors Ltd	10	43	43¾
American Felt Co	10	18	18½
Amer Foods Inc	10c	1¼	1½
Amer Forest Prod	2½	23	—
Amer Furniture Co	1	4⅝	5⅛
Amer Furniture Mart Bldg (Chicago)	1	25	—
American Gas Co	1	4⅜	4⅞
Amer Greetings Corp— Class A common	1	39¼	41¾
Amer Gypsum Co	1	5	5⅝
Amer-Hawaiian SS	10	119	122
Amer Heritage Pub	25c	5¾	6½
Amer Hoist & Derrick	1	17¼	18⅝
Amer Hydrocarbon	10c	28c	35c
American Insulator	1	17½	18½
Amer International Bowling Corp	10c	½	⅝
Amer Kosher Provisions Inc	10c	3	3½
Amer Locker Co— Class A	1	7	7½
Class B	20c	4½	5
Amer Maize Products	*	20	21¾
American Mason Safety Thread	*	6½	—
American Micro Devices cl A	10c	22c	30c
American Pipe & Construction	5	15⅞	16¼
Amer Potash & Chem $5 special pfd	*	n89	—
$4 pfd series A	*	n85	—
Amer Precision Industries	55 5/9c	5⅛	5⅝
Amer President Lines Class A common	*	52	56
5% preferred	100	n72	77
Amer Recreation Centers Inc	*	n3⅛	3⅝
American Rubber & Plastics Corp	1	26½	28¼
American Safety Equipment Corp	25c	8¼	8¾
Amer Safety Table	10c	8¼	8¾
American-Saint— Gobain Corp com	7.50	4½	5
5% preferred	25	9	10
Amer Self Service Stores Inc	*	3⅛	3⅜
Amer Service com	1	3½	4½
Class A	*	23	—
Amer Shopping Centers Class A com	1c	¾	1
Class A pfd	1	⅜	5⅝
Amer Stamping Co	2	17½	—
American States Oil	2	n5c	10c
Amer Steamship Co	100	515	—
Amer Sterlizer	3.33⅓	21¾	22½
Amer Techn Mach	10c	2⅞	3¼
Amer Univend Corp	1.50	2	2¼
Amer Urethane Inc	1	⅝	⅞
Amer Variety Sts	10c	2⅛	2½
Amer Vitrified Prod	1	17½	19
Americana Properties	10c	⅝	1
Amerline Corp cl A	1	25	27¼
Ames Dept Stores— Class A com	50c	1¾	2
Ames (W R) Co	2	17	—
Amoskeag Co com	*	86	89
$4.50 preferred	*	91	—
Ampco Metal Inc	2½	8	8¼
Ampoules Inc	*	1⅞	2⅛
A M T Corp	1	9¾	10¼
Anacon Lead Mines	20c	20c	28c
Anadite Inc	*	14	15¾
Anchor Coupling	1	12⅞	13¼
Andersen Labs	*	1¾	2¼
Andy Gard Co	1	5⅞	6¼
Anelex Corporation	1	16	16½
Warrants		29	32
Anemostat Corp of America	2	5½	6½
Angelica Uniform	1	17¾	18¼
Anglo Amer Ship'g	£1	5⅛	5½
Anheuser-Busch Inc	4	51	53⅝
Anodyne Inc	1c	1⅛	1⅜
Anscot Chemical Industries Inc	1c	¼	¾
Ansonia Wire & Cable	1	3¼	3½
Antenna Systems	1	2⅞	3⅛
Apco Mossberg Co	1	n5	6
Apell Petroleum	1	⅛	—
Applied Arts Corp	1	11¼	12¼
Applied Electronics Corp of N J cl A	10c	.15⅛	1⅞
Warrants		¼	5⅛
Applied Physics	1	11	12½
Applied Research	25c	3⅜	3⅞
Aqua-Chem Inc	1	6¾	7⅜
Aquariums Inc	1	3	3½
Architectur'l Marble	25c	⅞	1¼
Arcs Industries	10c	1⅞	2¼
Arden Farms com	1	15⅛	17
$3 partic pfd	*	56¼	59½
Argyle Publishing	1c	4	4½
Arista Truck Renting Corp	1c	4¾	5½
Arizona Agrochem	2½	3⅝	4⅜
Arizona Biochemical	1c	¾	1
Arizona Color Film Processing Labs	1	14c	19c
Arizona Valley Devel	1	1⅛	1½
Arkansas Valley Industries Inc	3	9⅞	10⅜
Arkay International	10c	¾	1¼
Arlans Dept Stores Now listed NYSE			
Armstrong (A J) Co	1	17¾	19⅜
Armstrong Paint & Varnish Works	5	14½	14⅞
Arnav Industries	10c	5¼	5⅞
Arnold Altex Aluminum Common	1	⅝	11/16
35c conv pfd	4	1	1⅜
Arnold Graphic Industries Inc	2	5	6
Arnold Hoffman & Co	10	68	73
Aro Corporation 4½% preferred	50	43	—
Arrow Hart Hegeman Electric Co	10	59¼	62½
Arrow Liqueurs Corp	1	16	18½
Arrowhead & Puritas Waters Inc	1	15¼	16¾
Art Metal Inc	1	6⅝	7½
Arts & Crafts Materials Corp	*	a4½	4⅞
Arvida Corp class A	1	5¼	5¾
Arway Mfg Corp	25c	¼	½
Arwood Corp	*	3⅛	3½
Asbestos Corp Ltd	*	23¾	24¼
Asgrow Seed Co	10	13¾	14½
Ashland Oil & Ref— $5 preferred	*	99	—
Assembly Products	1	7½	8⅜
Associated British Foods Ltd "adrs"		1	1⅛
Associated Develop & Research Corp	1	1¾	2
Associated Mortgage Companies Inc	1	8⅛	8⅜
Associated Sales Analysis class A	5c	1⅛	1⅜
Assoc Spring Corp	10	19⅜	20⅝
Associated Stationers Supply Co	*	10	10½
Associated Transport	*	28½	30⅜
6% conv pfd	100	109	—
Associated Truck Lines Class A	3	10½	11½
Astrodata Inc	*	12	12½
Astron Corp	10c	a5½	5⅞
Astron Industrial Assoc Inc	20c	½	⅞
Astro-Science Corp	1	1⅜	1⅞
Atlantic Bowling Corp	*	⅜	⅝
Atlantic City Racing Association	50c	13¾	14½
Atlantic Co	*	20¼	22¼
Atlantic Improv	25c	15½	16
Atlantic Steel Co	5	17¾	18¼
Atlantica Del Golfo Sugar Co	5	½	⅝
Atlas Electronics	10c	⅝	⅞
Atlas General Indus $1.25 conv preferred Stamped		26	27
Atlas Hotels, Inc	*	5	6
Atlas Tack Corp	*	10	12
Atmos-Pak Inc	40c	3	3¼
Augusta Chemical Co	1	1	1½
Australian Oil & Gas	5s	4¾	5⅛
Australian Oil Corp	1	⅞	1
Authenticolor Inc	5c	⅛	⅜
Auto Solar Co	1	5⅞	6⅜
Automated Building Components Inc	50c	4¾	5¼
Automated Merch'g Capital Corp	1	5⅜	5¾
Automatic Cafeterias for Industry Inc	10c	⅝	⅞
Automatic Data Processing	10c	2⅞	3¼
Automation Indus	1	3⅞	4⅜
Automat'n Lab Inc	10c	1⅛	1½
Automatique Inc	1	5½	5¾
Autosonics Inc	5c	⅛	⅜
Avery Adhesive Products Inc	1	14¼	15
Avildsen Tools & Machines com	1	n1	—
5% prior pfd	5	n1¾	2¾
6% preferred	5	n2¼	—
Avis Inc	5	12½	12⅞
Avondale Mills	1	27¾	28¾
Avon Products Inc	2.50	120¾	124¼
Ayres (L S) & Co com	5	n40	—
4½% preferred	100	94	—
4½% pfd '47 ser	100	94	—
Aztec Oil & Gas	1	20½	21¾
B B C Industries	10c	2⅛	2½
B/G Foods Inc	1	13½	14½
BMC Industries com	1c	4c	8c
7% conv pfd	7.50	n7c	15c
B S R Ltd Amer deposit rcts		8	8½
B T U Engineering	10c	2½	2⅞
Babcock Electronics	1	7½	8¼
Bacardi Corp	10	66	69
Bacharach Industrial Instrument Co	1	20	21
Backstay Welt cl A	*	30	32
Badger Northland	1	6	7
Badische Anilin & Soda-Fabrik "adra"		63½	66¾
Bagdad Copper Corp	5	5¾	6½
Baird-Atomic Inc	1	4⅛	4¾
Baldwin-Ehret-Hill	1	4	4⅜
Baldwin (D H) Co	8	42	44
Baltimore Arcoil	1.66⅔	16⅜	17
Baltimore Paint & Chemical Corp	50c	3⅞	4⅛
6½% conv 1st pfd	20	16½	17½
Balt Radio Show	20c	5½	—
Bank Bldg & Equip	2	25½	27½
Bank Leumi le-Israel		1.55	1.70
Bankers Bond & Mtge Guaranty Co of Am	*	8½	9½
Bankers Bldg (Chi)	5	65	68
Bankers Dispatch	1	18¾	19¼
Banlife Corporation	10c	57½	60
Banner Industries 1963 warrants		n1/16	¼
Barber-Greene Co	5	14½	14⅞
Barcalo Mfg	8⅓	4⅜	4⅞
BarChris Construction Corp	50c	1/16	½
Bard (C R) Inc	25c	19½	20
Barden Corp	1	13¼	13¾
Bargain City (USA)	1	3/16	⅜
Barnwell Industries	50c	1½	1¾
Barr Corporation	25c	1¾	1⅞
Barrington Industries Class A com	10c	1⅞	2⅛
Barry (R G) Corp	1	3⅜	3¾
Barry-Martin Pharmaceuticals A	10c	⅝	1
Barth Vitamin classA	1	4⅞	5¼
Barton Distilling	1	8⅜	9⅛
Barton Instrument	*	8⅝	9⅛
Basic Atomics	10c	14c	18c
Basic Properties com	1	¾	1¼
Class	1	5	5¼

*Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend y Ex-stock dividend.

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INDUSTRIAL AND MISCELLANEOUS BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Stocks— Par	Bid	Ask
Basic Witz Furniture Industries Inc ____10	13½	14¼
Bates Mfg Co _____10	9⅞	10⅝
Bauer Aluminum __50c	1⅝	1⅞
Bausch & Lomb Inc— 4% preferred____100	80¾	--
Bayless (AJ) Markets_1	12½	13⅝
Beam-Matic Hospital Supply, Inc_____10c	2⅜	2⅞
Beam Tube Corp_____1	n6¼	7¼
Beauty Counselors____1	34¼	36⅞
Beaux Arts Prop_____1	70	--
Bechtold Engineer'g_5c	1⅞	2¼
Becton Dickinson_____1	40¼	42½
Beecham Group Ltd— Amer deposit rcts____	5¼	5½
Behlen Mfg Co_____1	8¼	8⅞
Bekins Van & Storage_5	10¼	11⅛
Belknap Hardware & Mfg Co_____*	10⅜	10⅞
Bell Television ____10c	⅜	¾
Belle Isle Corp_____20c	14	15⅜
Belmont Iron Works__5	9½	10¾
Bemis Bros Bag_____25	63	66½
Benbow Astronautics— Class A_____5c	¼	½
Benson Iron Ore _____1	16	--
Benson-Lehner Corp__1	5¼	5¾
Benson Mfg Co_____1	a2	2⅜
Benton Harbor Malleable Indust___1	5	--
Bergstrom Paper Co— Class A common____1	14¾	15½
Berkshire Distrib____1	½	--
Berkshire Hathaway__5	8⅝	9¼
Berns Air King Corp Class A _____2	7	7¼
Bernz O Matic Corp— Class A _____1	18¼	18¾
Berry Industries_____1	4¾	5¼
Beryllium Corp_____50c	28½	30⅝
Beryllium Mfg Corp_25c	2⅛	2½
Besco Enterprises____1	¾	⅞
Best Plastic Container Corp___10c	1¼	1⅝
Best Plastics Corp__10c	1¼	1⅝
Bevis Shell Homes_50c	5c	15c
Bibb Mfg Co _____12.50	18	19¼
Bicor Automation Industries class A_10c	1¼	1⅝
Big Apple Supermarkets Inc_10c	⅞	1
Big Bear Stores— Class A com__33⅓c	20	20¾
Big "C" Stores_____*	2¾	3¼
Big Drum, Inc_____*	11½	12
Big Horn-Powder River Corp_____10c	22c	26c
Billups Eastern Petroleum Co _____1	3	3⅝
Billups Western Petroleum Co _____1	8⅜	9
Biochemical Procedures Inc_____1	1⅝	2⅛
Bird & Son common__*	19⅝	21⅛
$5 preferred _____100	85	--
Bird Machine Co_____*	27	--
Birtcher Corp_____1	2⅝	3
Bischoff Chemical_10c	⅝	1
Bishop & Babcock___*	5⅝	6⅛
Bismarck Hotel Co___*	85	--
Black-Clawson Co___*	24	26
Black Sivalls & Bryson Inc_____1	14	15⅛
Blackman Merchandis'g Class A com_____1	6½	6⅞
Blatt (M) Co_____25c	1¼	2
Bliss (E W) Co $1.80 conv pfd_____*	37½	39
Bloch Brothers Tobacco Co____12.50	19	21
Blue Bell Inc_____5	22½	24
Blyvooruitzicht Gold Mining Co "Adrs"___	4⅞	5½
Bogue Elec Mfg _____1	2⅛	2½
Bohn Business Machines _____5c	8¼	8¾
Boise Cascade Corp__5	32	33
Bolt Beranek and Newman Inc___*	5⅞	6⅝
Bon Ami Co_____*	9	10¼
Bonanza Air Lines___1	8⅛	8¾
Bonneville Ltd_____1	3½	4¼
Bookshelf of Amer_10c	--	½
Boonshaft & Fuchs_25c	3	4
Boonton Electronics 10c	1⅞	2⅛
Booth Newspapers ___*	139	--
Borax (Holdings) Ltd Am dep rcts def ord	2¼	2⅝
Boro Electronics __35c	1	1⅜
Boss-Linco Lines cl A_1	8	8⅜
Boss Manufacturing_25	15	17
Bostitch Inc— Class A common___4	29	30½
Boston Herald-Traveler Corp___ _*	25	27
Boston Insurance Exchange Bldg $5 pfd_*	21	--
Boston Pneumatics— Class A_____10c	1	1⅜
Boston Sand & Gravel Co _____1	10	15
Botany Industries____1	3¼	3¾
Bourbon Stock Yards_*	50	--
Bourns Inc. _____50c	9½	10¼
Bowater Paper Corp— Amer deposits rcts__	5½	6
Bowey's Inc_____1	6⅜	6⅞
Bowl-Mor Co Inc___10c	3	3⅜
Bowl America ____10c	1½	1⅞
Bowman Products____*	18½	19⅞
Bowmar Instrument__*	10½	11½
Bowser Inc Co com__1	8⅛	8¾
Class B com_____1	7⅛	7½
5¾% preferred___28	22	22½
Boyertown Burial Casket Co_____10	14¼	14⅝
Bradley Industries ___1	3¾	4½
Bradley Real Estate Trust (Mass)_____1	5½	6
Bramalea Consolidated Developments Ltd__*	4	4½
Warrants _____	¾	1¼
Branston Instrum'ts__1	9½	10
Braun Engineering___1	29½	30½
Warrants _____	20¾	21¾
Brenco Corp _____1	19½	20½
Breskin Publications__1	12¾	13¼
Brew (Rich D) & Co_1	1½	1⅞
Brewster-Bartle Drilling Co_____2	4⅝	4⅞
Bristol Brass Corp__10	11	12½
Bristol Dynamics____1c	3⅜	3⅞
Brite Universal ___10c	⅛	--
British Aluminum Ltd Amer deposit rets___	4¾	5¼
British-Amer Const & Materials Ltd____5	8⅞	9⅜
Warrants _____	2¼	3
British Columbia Forest Prod Ltd____*	18	18¾
British Motors Ltd— Amer deposit rcts___	2.15	2.40
British Oxygen Amer deposit rets___	1¾	2¼
Britton Electronics__1c	5c	15c
Brockway Glass_____5	20¼	22¼
Broderick & Bascom Rope Co_____1	13½	15
Brodie (Ralph N)____1	16½	--
Broken Hill Proprietary Co Ltd_£1	6	6¼
Brooks & Perkins____1	5¼	5¾
Brothers Chemical Common class A__10c	⅞	1¼
Brown & Sharpe Manufacturing Co_10	39	40½
Brown Engineering___1	28¾	29¼
Brown Fintube— Class A common____1	9¼	9¾
Brown (W A) Mfg____*	6⅛	7
Browning Arms Co___1	8⅞	9¾
Browning-Ferris Machinery Co_____1	n6½	--
Bruning (Charles)____3	a30½	32⅜
Brunswig Drug_____1	17½	18⅞
Brush Beryllium Co __1	16⅛	17⅜
Buck Creek Oil____25c	⅝	⅞
Buckeye Corp com____1	5/16	7/16
5% conv pfd A____10	½	1½
Buckeye Steel Cast___*	27	29⅜
Buehler Corp_____*	6½	7⅜
Buffum's (Cal)_____5	12½	13⅞
Bulolo Gold Dredging Ltd_____5	5¼	5¾
Bundy Electronics _10c	⅜	⅞
Burger Brewing _____*	34	35¼
Burgess Vibrocrafters_3	6	6½
Burma Corp Ltd— Amer dep receipts___	⅜	--
Burmah Oil Ltd— Amer deposit rcts___	8⅞	9⅞
Burnham & Morrill___1	13⅝	14
Burnham Corp com__15	22	25
6% preferred _____50	40	--
Burns (William J) Internat'l Detective Agency class A__1.50	20¾	21¼
Burrus Mills Inc com_*	12¾	13¾
4½% preferred __100	60	--
Burton Mfg Co_____1	¾	15/16
Bush Hog Inc_____1	8¾	9⅛
Bush Term Bldgs— Stubs _____	a3¾	--
Business Property Associates _____100	11½	12¼
Butler Mfg Co— Common _____25	32	34
4½% 1st pfd____100	85	--
Butterick Co com_____1	95	--
5% non-cum pfd__50	32	--
Buttrey Foods _____*	18¾	19¾
Byer-Rolnick Hat __10	17¼	17¾
Byllesby (H M) Co_10c	4	4½
Bymart Tintair com_1c	⅛	¼
5% preferred _____1	--	3
Bzura Chemical ____25c	1/16	⅛
C E I R Inc cl A __16⅔c	7¼	7¾
C F M Co _____1	¼	½
C W S Waveguide___1c	--	10c
Cabol Enterprises Ltd_*	40	55
Cabot Corporation___1	44¼	44¾
Cadre Industries ____2	5⅜	5¾
Cahokia Downs Inc___1	2¼	2¾
Cal-Val Research & Develop Corp ___10c	1¼	1½
Calandra Photo Class A common__1	4½	4⅞
Calbiochem (Cal) ___1	2¾	3¼
Caldor Inc_____10c	12⅝	13¾
Calgon Corp _____1	37¼	39⅝
Calif Computer Products Inc____50c	9⅛	10¼
California Liquid Gas Corp _____1	17⅝	18⅛
Calumet & Hecla $4.75 pfd series A__*	96	--
Camco Inc_____1	14½	15¼
Camloc Fastener____2	8	8⅜
Camp Chemical ____10c	2¼	2½
Campbell Taggart Assoc Bakeries____1	27½	28½
Campus Casuals of Calif _____1	9⅝	10½
Can (R C) Co See R C Can Co		
Canada Dry Bottling Co of Florida____5	13	16
Cdn Delhi Oil Ltd__10c	3.80	4.00
Canadian Husky Oil Warrants _____	¼	½
Cdn Superior Oil Ltd_1	10¾	11⅝
Canal Assets Inc___10c	33½	35⅞
Canal Bank Trust Ctfs of bene int____	5¾	6⅝
Canandaigua Enterprises Class A common__1c	1½	1¾
Cannon Electric_____1	18⅝	20
Cannon Mills com___*	82	87½
Class B_____25	81	85½
Cannon Shoe Co____1	5⅜	6
Cap & Gown Co cl A_1	9⅜	9¾
Capehart Corp (N. Y.) _____50c	⅝	11/16
Capital for Technical Industries _____1	6⅝	7¼
Capitol Products___50c	4⅞	5⅝
Car Plan Systems__10c	--	¼
Carboline Co _____1	5	5⅜
Caressa Inc_____50c	8⅞	9⅞
Carhart Photo Inc_10c	3⅞	4⅛
Caribbean Cement— Amer deposit rcts___	5⅛	5½
Caribbean Corp____1c	15c	25c
Caribbean Shoe____1c	1⅝	2
Caribe Stores Inc__50c	20c	40c
Carlon Products_____*	4¼	4¾
Carmer Industries__10c	2⅛	2⅝
Carnaco Equipment_10c	2⅞	3⅜
Carolina Freight Carriers Corp _____1	11½	12
Carolina Metal Prod_1	1	1¼
Carolina Pac Plywood *	3	3⅜
Carolina Pipe Line___1	6¼	7⅛
Carpenter (L E) & Co_1	9	10
Carrier Corporation 4.80% 2nd pfd____50	49	51
4½% prefered____50	49¼	49¾
Carrington (George S) Class A _____1	4	5
Carrols Inc _____1	1⅜	1⅝
Carrtone Labs_____10c	1	1½
Carson Pirie Scott & Co Common _____5	10½	11
4½% preferred__100	83	--
Carter (Wm) Co___100	250	--
Carthage Marble vtc_1	21	23
Cary Chemicals____10c	4	4½
Casa International__50c	1	1½
Case Pomeroy & Co__5	125	--
Caspers Tin Plate____1	4¾	5¼
Cassco Corp _____1	2¼	2¾
Castle & Cooke_____10	31¾	32¼
Catalyst Research__32c	2⅞	3⅜
Cavitron Ultrason _10c	4½	5¼
Ceco Industries_____25	¼	½
Cedar Point Field Trust ctfs of ben int	2⅝	2⅞
Center Labs Inc____10c	1⅞	2⅛
Central Coal & Coke_1	40	43
Central Cold Storage 20	42	45
Central Instrument __1	1c	6c
Central Manhattan Properties _____1	6	--
Central Steel & Wire_5	56	--
Central Transformer_1	7¼	7¾
Central Wisconsin Motor Transport___1	8	8½
Century Properties___1	4¼	4¾
Century-Special ____5c	22c	28c
Certified Industries— Class A_____1	4	5
Certif'd Pharmacal_10c	8⅞	9¼
Cetron Electronic____1	⅝	⅞
Chadbourn Gotham— Warrants _____	1/16	⅛
4½% conv pfd___50	28	--
Chalco Engineering_10c	5/16	7/16
Challenger Prods___10c	1⅝	2⅛
Chambersburg Engineering Co___10	16½	--
Chamberlain Co of Amer 5% pfd__25	16¾	25
Champion Parts Rebuilders _____10c	4½	4¾
Chance (A B) & Co__5	18¾	19½
Chandler Leasing ___1	5⅞	6⅛
Charles Jacquin Et Cie Inc_____50c	6	6⅞
Charles of the Ritz, Inc _____1	27½	29⅝
Charles Town Racing Association _____50c	2⅞	3⅛
Chart-Pak Inc_____1	2	2¼
Charter Credit _____10c	2⅛	2⅜
Charter Industries__10c	1/16	¼
Charter Co _____1	2	2½
Chase General Corp— Common _____1	20c	30c
5% conv A pfd___20	½	1¼
Chemalloy Minerals___1	62c	72c
Chemex Industries_25c	⅜	⅝
Chemical Contour____*	3¾	4¼
Chem Enterprises__25c	4⅜	4¾
Chemical Products ___1	--	24
Chemirad Corp_____10c	1/16	1 3/16
Chemsol Inc_____50c	1	1⅛
Chemtree Corp ____10c	1⅜	1⅝
Chesapeake Instru't__1	n1⅜	1¾
Chester Electronic Laboratories Inc___*	3	3¾
Chicago Aerial Industries Inc _____2	10	10⅜
Chicago Builders Building vtc_____*	70	74
Chicago Helicopter Airways Inc_____1	4¼	4½
Chic Mill & Lumber_10	28½	29¼
Chicago Molded Prod_1	7½	8
Chicago Musical Instrument Co ____1	24⅛	25⅝
Chicago Title & Trust Co _____20	118	121
Childcraft Equip ___25c	½	1
Chilton Co_____10	30½	33½
Church & Dwight_____*	59	65
Churchill Downs Inc__*	20½	21½
Churchill Stereo ____5c	⅝	⅞
Cincinnati Enquirer__*	21½	22½
Cin Union Stock Yds_*	15	--
Circle Controls_____10c	¾	1¼
Circle K Food Stores_1	8⅛	8½
Clairtone Sound _____*	6¼	6¾
Clarise Sportswear_10c	1⅜	2¼
Clark Oil & Ref_____1	7½	8¼
Clarkson Labs Inc___1c	½	⅝
Claude Southern___10c	2	2½
Clayton Corp_____1c	⅝	⅞
Clayton Mark & Co__5	5⅛	5⅞
Clayton Silv Mines_10c	18c	22c
Cle-Ware Indus_____*	5⅜	5⅝
Cleve Builders Supply_*	23	--
Cleve Trencher Co____5	7½	8¼
Clifton Mfg Co._____20	42	--
Clifton Precision Products Co _____1	17¾	18¼
Clinton Engines Corp_1	1½	1¾
Cluett Peabody— 4% 2nd conv pfd_100	90	96
Coastal Caribbean Oils & Minerals Ltd___1s	40c	47c
Coastal Publications 60c	½	11/16
Coastal Ship Corp____1	25	27
Coastal States Gas Producing Co— Series A "wts"_____	25¼	25¾
Series C "wts"_____	33½	34
Coca-Cola Bottling of Los Angeles_____*	27½	29⅞
St Louis_____1	6½	7¼
Coca-Cola Bottling Plants (Port'd) Me_*	7¼	8¼
Coca Cola Int'l Corp *	n2,100	--
Cohen (Dan) & Co___*	1⅝	--
Colber Corp_____20c	2⅞	3¼
Coleco Industries ____*	3¾	4½
Cole National Co— Class A com_____10	17¾	18½
Coleman Cable & Wire class A_____1	4¼	5
Coleman Engineering_1	5⅜	6
Warrants _____	--	5c
Collver Insulated Wire Co_____*	20¼	22¼
Colonial Aircraft___10c	--	1/16
Colonial Board Co— Common _____5	9	9¾
$1.50 preferred____25	24⅝	25⅛
Warrants _____	1¼	2
Colonial Stores com 2.50	16⅝	17⅛
4% preferred_____50	39	--
5% preferred_____50	49	--
Color Craft Prod_____1	3¾	4¼
Color Reproductions_1c	1	1¼

* Without par value. a Called for redemption see page 94. k Last sale. n Nominal r Canadian dollar value. t New stock. x Ex-dividend
- Ex-stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Stocks—	Par	Bid	Ask
Colorado Milling & Elevator Co	1	18¾	20⅜
Colorado Oil & Gas Corp com	3	10¼	10¾
$1.25 conv pfd	25	24½	25
Colorite Plastics	25c	6¼	7
Warrants		2	2¼
Columbia Cellulose	*	6¼	6¾
Columbia Technical	10c	1	1⅜
Columbia Toys cl A	25c	3¼	3⅝
Columbian Bronze	1	5½	6¼
Columbus Electronics Corp class A com	10c	¼	⅜
Columbus Plastics Products Inc	*	8	8½
Colwell Co	1	n17	18⅞
Combined Locks Paper Class A	1	20	22
Commerce Clearing House Inc	1	26¾	27¼
Commercial Filter	1.50	5¼	6
Commercial Shearing and Stamping	1	17	17¾
Commerzbank Amer dep rcts		62½	63½
Commonwealth Oil Refining Co Inc	2c	9	9¾
Commonwealth Thea of Puerto Rico	*	6¼	7⅛
Community Charge Plan	25c	2½	2⅞
Community Research & Development	1c	7½	8¼
45c preferred	5	7½	8¼
Compagnie Francaise des Petroles		53½	55
Components Corp of America	1	2⅜	2¾
Compression Indus	10c	n⅛	½
Computer Applica's	10c	9¾	10¼
Computer Control	*	13	13½
Computer Equipment	*	1	1½
Computer Instrumts	25c	5	5¾
Computer Oriented Research & Eng	*	2	2¼
Computer Systems	10c	1⅞	2¼
Computer Usage	25c	11¾	12½
Concert Network	10c	15c	30c
Conductron Corp— Class A com	1c	17½	18
Cone Mills 4% pfd	20	17	17½
Conlon-Moore Corp	1	3	3¾
Conn (C G) Ltd	5	12⅞	13⅜
Connohio Co Inc com	1	2½	3
40c conv pfd	10	7	7½
Conolite class A	10c	4	4⅜
Conrad Carson Electronics Inc	1	⅛	¼
Consol Aerosol	10c	4¼	5
Consolidated Airborne Systems class A	10c	1¼	1½
Consolidated American Services	1	2⅞	3⅛
Consol Bottling	1	4½	5⅛
Warrants		1½	1⅞
Consol Bowling	10c	2	2¼
Consolidated Business Systems Inc	10c	a3⅞	—
Consol Freightways	2½	9⅞	10¾
Consol Leasing Corp of Amer. com	50c	6	6½
7% conv pfd	10	13	13½
Units		32	33½
Consol Oil & Gas Warrants		1⅜	1⅝
Consol Paper Corp Ltd	*	36	36¼
Consolidated Papers Inc (Wisc)	12.50	25¼	27¼
Consol Rendering	6.25	17	18⅝
Consolidated Rock Products Co	5	24¼	25¾
Consol Sun Ray Inc 5% preferred	20	6	—
Construc Design	50c	n4⅜	4¾
Consul & Designers	1	4½	5
Consultants Bureau Enterprises cl A	10	3½	3¾
Consumers Automatic Vending Inc	10c	—	¾
Continental-Atlantic	1	41	—
Cont'l Commercial— 60c conv pfd	10	7	—
Continental Device	*	8¼	8⅞
Cont'l Enterprises	10c	1⅛	1⅛
Continental Screw Co	1	12¾	13⅞
Continental Tob	10c	5c	25c
Continental Transport Lines Inc	1	9½	10½
Control Circuits Inc	10c	½	1
Cook Coffee Co	1	18¼	19½
Cook Electric Co	1	4⅞	5⅜
Cooper (Peter) Corps— 6½% preferred	100	97	102
Cooper Tire & Rubber Warrants		7¼	7¾
4¾% conv pfd	20	19½	20
Coplay Cement Mfg— Common	10	14	17
6% preferred	20	18	19½
Copymation Inc	50c	10	10¾
Coral Ridge Prop— Class A com	10c	1⅛	1⅜
60c conv pfd	8	7¾	8⅜
Cormac Chemical	1c	¾	1
Cornell-Dubilier Electric Corp $5.25 pfd ser A	*	88	—
Cornet Stores	2	7	7⅞
Corrigan Communic	1c	15c	23c
Corson (G & W H)	1	13¼	14¼
Cory Corp	1	7⅛	8
Cosmetic Chemicals	1c	2¼	3
Warrants		30c	60c
Cosmo Book Distributing	10c	4¾	5¼
Cosmodyne Corp	*	13⅝	14⅝
Cosmos Industries	10c	⅞	1½
Cosnat Corp class A Shares split 2 for 1		t4¾	5¼
Country Set Inc	*	13⅜	13¾
Courtesy Products	1	1	1½
Cousins Properties	1	8¾	9¼
Cove Vitamin & Pharm Common	50c	3⅛	3½
Warrants		1⅛	1⅝
Cowles Chemical Co	1	27¼	29⅜
Cowles Magazines & Broadcasting	1	12½	13⅝
Cracker Barrel Superm'kets Inc	10c	35c	50c
Craig Systems	1	7⅜	8⅛
Cramer Electronics	1	3⅝	3⅞
Crampton Mfg com	1	2½	2¾
Warrants		⅜	9/16
6% conv pfd	10	10¼	11¼
Crawford Corp	1	3½	4
Creative Playthings	1	4¾	5⅛
Crescent Engineering & Research Corp	*	¾	1
Crescent Niagara	10c	8½	9¾
Cresson Consol Gold Mining & Milling	1	⅛	¼
Cross Co	5	14½	15¾
Crossway Motor Hotels Inc common	50c	½	¾
Crouse-Hinds Co	1⅔	22¼	23⅞
Crowley's Milk	10	8⅛	8⅝
Crown-Bremson Industries Inc	1	4¼	4¾
Crown Self-service Stores Inc units		⅜	½
Cryo-Therm Inc	1c	1⅜	1⅝
Cryogenics Engin'g	10c	8¾	9½
Cryogenics Inc	10c	⅛	1⅛
Cryplex Industries	10c	5	5½
Crystal Tissue	*	15	—
Culligan Inc	1	22	23
Cumberland Shoe	50c	4	4½
Cummins Engine	2.50	60¼	61
Curley Co Inc		2¾	3½
Curtis Cos Inc	2	6¼	6¾
Curtis Electro Corp Class A	50c	2½	3
Curtis Industries	*	7⅛	7⅜
Curtis Mathes Mfg See Mathes Curtis			
Custom Components	10c	1⅜	1⅝
Custom Craft Marine Co Inc	25c	¾	1
Custom Credit Corp Ltd (Australia)	5s	1¼	—
Amer Deposit Rcts		6¼	—
Customline Control Panels Inc	10c	1	1⅜
Cutler Federal Inc	*	3⅛	3½
Cyclomatics Inc	10c	n⅜	⅝
Cyprus Mines Corp	4	24	24½
Daffin Corp	*	25	27¼
Daggafontein Mines Ltd Amer deposit rcts		2½	3
Dahlstrom Mfg Co	1	13	15
Daisy Mfg Co	2	13¾	14¼
Dale System Inc	*	⅞	1¼
Dallas Airmotive	1	7¼	8
Dalto Electronics	1	½	¾
Dan River Mills 5% preferred	20	16½	—
Danly Machine Specialities Inc	5	6⅜	7¼
Darling (L A) Co	1	8⅝	9⅜
Dart Drug Corp cl A	1	3	3⅜
Dashew Busi Mach	10c	4⅝	5¼
Data Display	1	7⅛	7½
Data Processing— Class A common	*	¼	—
Data Prods Corp	10c	6	6¼
Datamation Inc	10c	—	¼
Datatrol Corp	50c	5⅝	6⅛
Datom Industries	10c	1⅞	2⅜
David & Dash Inc	10c	2¼	2¾
David's Inc	1	3⅛	3⅝
Dayton Aviation Radio & Equipment	50c	⅞	1 1/16
Dayton Mall Iron	*	35¼	36¼
De Beers Cons Mines— Amer deposit rcts		35	36
De-Flectronics Inc	10c	5/16	9/16
Dejur-Amsco Corp— Class A	1	2¼	2½
De Laval Developm't	*	30	40
DeMarco Business Forms cl A com	*	3⅛	3⅜
Dean Foods Co	*	23¼	25¼
Dean Phipps Stores— Common	1	12	—
5½% preferred	10	7	—
Dechert Dynamics	10c	¼	½
Decitron Electronics	1c	1	1⅜
Deco Aluminum	5	¾	1⅛
Deer Park Baking	25c	9	9½
Defense Electronics	1c	4	4¼
Dejay Stores Inc	50c	—	5c
Dekcraft Corp	75c	1½	1⅞
Del Electronics	10c	1¾	2¼
Delaware Barrel & Drum Co	50c	7	7¾
Delford Industries	10c	1⅛	1⅜
Delhi-Taylor Oil	1	22½	23⅞
Delta Electric	7.50	9	9¾
Delta SS Lines	5	12⅛	13⅛
Deltown Foods Inc	1	17	18
Denab Labs Inc	50c	—	20c
Denie's (John A) Sons	2	5¾	6⅛
Denver Chicago Trucking Co	1	14¼	14⅝
Deseret Pharmaceut'l	1	12½	13¼
Designatronics Inc	10c	1	1⅜
Des Machine Bull— See Machine Bull			
Detrex Chemical Ind	2	8¾	9¼
Detroiter Mobile Homes Inc	1	9¾	10¾
Deutsche Bank A G Amer dep rcts		66	67
Deval Aerodynamics Industries, Inc	10c	1⅞	2¼
Development Corp of America	10c	1¼	1¾
Devonbrook Inc	10c	1½	1¾
Dewey (G C) Corp	1c	1⅝	2
Dextra Corp	10c	1⅝	2
Diamond Alkali $4 preferred	*	95	97
Diamond Crystal Salt Co	2.50	14¾	16
Diapulse Mfg	10c	1⅛	1⅜
Dickey (W S) Clay Mfg Co	*	44	46
Dictaphone Corp	5	32	32¾
Dictograph Products	2	4½	5¼
Diebold Inc	5	54½	57½
Dielectric Products Engineering 55c pfd	8	6¾	7¾
Digitronics Corp— Class A non-vot	10c	21¼	23
Dilbert's Leasing & Development Corp	1c	—	⅛
Dillon (J S) & Sons Stores Co	5	26	27½
Directomat Corp	1c	¾	⅞
Disc Inc class A	1	3½	4
Disct Corp of N Y	40	200	215
Discount Stores	*	⅛	½
Discount Sundry Sales Inc	1	4¼	4¾
District Theatres	1	3⅞	4⅜
Dist Wholesale Drug Corp of Wash cl A	*	4⅛	4⅜
DIT-MCO Inc	*	5¼	6
Diversa Inc common	1	8	8¾
$1.25 conv pfd	5	23	24⅜
Diversifax Corp	25c	1⅛	1⅜
Units		2¼	2¾
Dixie Dinettes	1	3¾	4¼
Dixon (J) Crucible	20	28	30⅜
Dixon-Powdermaker Furniture Co	1	2¼	3
Dob Corporation	*	4¾	5¾
Dobbs Houses	16⅔c	19½	20
Documentation Inc	10c	3⅜	3¾
Dodge Wire Co	1	70c	90c
Doeskin Products	1	2⅝	3
Dole Engineering	1	1⅛	1⅜
Doman Helicopter	10c	5/16	7/16
Donbar Development— Class A com	10c	1¼	1¾
Donnkenny Inc	1	4	4½
Dorchester Gas Producing Co	*	10¾	11⅝
Dorman Long & Co— Amer dep rcts		2⅝	3¼
Dornost Publishing	1c	⅛	⅛
Dorsett Electronics	25c	⅝	⅞
Dorsey Corp "wts"		n2¾	3⅛
6% pfd A ww	50	51½	53
Doughboy Indus	1	24½	27¼
Dougherty Bros	25c	3½	4
Douglas & Lomason	2	18¼	18¾
Douglas Microwave	10c	¾	⅛
Dover Construction	*	4⅝	5⅛
Dow Jones & Co	1	91¼	92¼
Downtowner Corp	5	8⅛	8⅜
Drackett Co	*	31½	33¾
Dravo Corp	1	64	65
Dresdner Bank— Amer deposit rcts		66	67
Dressen-Barnes Electronics Corp	1	4¾	5¾
Drever Co	40c	7⅝	8⅜
Drew Properties— Class A	1	7⅝	8
Drexel Dynamics Corp	*	¾	1¼
Drexel Enterprises	2.50	22	23⅝
Du Pont of Can Ltd	*	32½	33½
Dubrow Electronics Industries Inc	10c	2¼	3
Ducommun Inc	2	16⅝	17⅝
Dudley Sports	10c	1¾	2⅛
Duff-Norton Co	*	55	—
Duffy-Mott Co Inc	1	26	27⅝
Duggan's Distillers Products Corp	50c	2⅜	2¾
Dun & Bradstreet	1	68	71¼
Duncan Coffee Co	1	17	17⅜
Duncan Elec Mfg— Class A	2.50	22½	23½
Class B	2.50	22½	23½
Dunham-Bush Inc	2	5⅜	6
Dunlap & Associates	1	3¾	4⅛
Duofold Inc	10	25½	—
Dura Corp	1	27⅜	29⅛
Duriron Co	½	24⅜	26
Duro Pen Co	50c	2½	2⅞
Duro-Test Corp Warrants		1½	1¾
5% conv pfd series of 1956	25	57	62
Dymo Industries	1	35½	37⅝
Lyna-Therm Chem	1	⅛	1 1/16
Dynacolor Corp	20c	12	13
Dynamic Films Inc	10c	⅜	9/16
Dynamic Gear Co	10c	⅛	1
Dynamic Instru't	10c	1	1⅛
Dynamic Vending	10c	3¾	4⅛
Dynascan Corp	1	3⅝	4¼
Dynasonics Corp	50c	⅛	—
Dynatronics Inc	20c	2⅝	3⅛
ECPI Inc	25c	3	3½
E Z Painter Corp	1	11	12
Eason Oil Co	1	25½	27
East Utah Mining	10c	90c	1.00
Eastern Aluminum Mfg Co Inc	10c	¾	1¼
Eastern Bowling Corp Class A common	1	½	¾
Eastern Camera & Photo Supply	10c	1	1⅜
Eastern Lime Corp	1	15½	16¼
Eastern Racing Assn	*	4⅜	4⅞
$1 preferred	*	15½	—
Eastern Shopping Centers Inc	1	1½	1¾
Eazor Express Inc	1	11⅜	12¼
Eckerd Drugs of Florida Inc	10c	18½	19
Economics Laboratory	1	48¾	51⅝
Economy B'kbind'g	10c	1⅛	1⅝
Ecuadorian Corp Ltd	5	9¼	10¼
Ed-U-Cards Mfg	1c	2½	3
Edgcomb Stl Co (Pa)	5	20¼	20¾

* Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend y Ex-stock dividend.

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INDUSTRIAL AND MISCELLANEOUS STOCKS

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Stocks—	Par	Bid	Ask
Edgcomb Steel of New England cl A	5	9	9½
Edge Ltd	25c	1	1¼
Edgerton Germeshausen & Grier Inc	1	16¾	18
Edgewater Steel Co	*	42	44
Educational Develpmt	1	1⅜	1⅞
Educator Biscuit Common	1	8½	9½
Class A	10	8	9
Edwards Engineering Ex a 50% sk div		t4½	5
Edwards Industries	50c	½	⅞
Eichler Homes Inc	*	8½	9¼
EICO Electronic Instrument Co	1	2¾	3⅛
Eitel McCullough	1	6¼	7
Eldon Industries	1	4¼	4¾
Electrada Corp	1	2	2¼
Electric Hose & Rub	10	34½	36½
Electro Instruments	1	8¾	9¼
Electro-Mechanical Systems Inc	12½c	½	¾
Electro-Mechanics	10c	3⅜	3⅞
Electro-Miniatures	10c	1⅝	1⅞
Electro Networks	10c	2½	3
Electro-Nite Engin'g	*	1	1¼
Electro Refractories & Abrasives Corp	1	10¼	10¾
Electro-Tec Corp	10c	3⅛	3⅞
Electro-Temp Systems	1c	1⅝	2
Electrolux Corp	1	55¼	58½
Electromagnetic Industries Inc	10c	1¼	1¾
Electronic Accounting Card Corp	1	4½	5¼
Electronic Communications 6% conv pfd	10	16	--
Electronic Components	*	1⅝	2⅛
Electronic Controls	25c	4⅜	4⅞
Electronic Discovery	1c	4c	12c
Electronic Engineering Co of California	1	5⅞	6⅝
Electronic Products	*	1	1½
Electronic Wholesalers	20c	6⅞	7¼
Electronics Missiles & Communications	10c	1¾	2
Electronized Chemicals Corp	10c	3⅝	3⅞
Electrosolids Corp— Common	*	½	1
6% conv pfd	10c	1¼	1⅞
Elgeet Optical Co	1	1⅝	2
Elion Instruments	50c	1¼	1⅝
Elk Horn Coal Corp	*	15¾	17¼
Elliott Automation— Amer deposit rcts		5.95	6.15
Elmar Electronics	*	3½	4⅛
Elox Corp	1	6⅞	7⅜
Emac Data Processing Corp	1c	7/16	11/16
Emery Industries	*	103	106
Emmer Glass Corp— Class A common	10c	1	1¼
Empire Devices	1	a14¾	16¼
Empire Petroleum	1	35c	40c
Empire State Oil	1	20½	22
Endevco Corp	*	4⅝	5⅜
Enflo Corp	10c	1	1¼
Ennis Business Forms Inc	2.50	27¼	29⅜
Entron Inc	10c	1⅞	2¼
Eon Corporation	1	4¼	5
Epko Shoes Inc	1	9⅞	10⅜
Epsco Inc	*	3½	3⅞
Equity Oil Co	10c	14¾	15¼
Erie Resistor Corp— Common	2.50	9½	9⅞
90c conv pref	12.50	15½	16½
Erlanger Mills	1	20	--
Estey Electronics	10c	2⅜	3
Ethyl Corp— Class A com	3	59½	61
Class B com	3	59½	60½
6% series A pfd	100	101	104
Ets-Hokin & Galvan	1	12¼	13¼
Eureka Corp Ltd	25c	28c	32c
Evans Inc	1	11⅛	11⅝
Eversharp 5% pfd	20	20½	--
Exchange Buffet	2½	1/16	3/16
Executive Equipmt	10c	2⅜	2¾
Executive House Inc	1	1/8	1 1/16
Warrants		1/16	3/16
Executone Inc	1	5	5⅜
Exolon Company	*	43	44½
Extrin Foods Inc	10c	2	2½
F & F Finance	50c	¼	½
F R Corp	50c	1⅜	1¾
Faber Coe & Gregg	*	41	45
Fabien Corp	50c	6⅞	7¼
Fairbanks Co	10	5	--
Fair Lanes Inc cl A	1	4	4¾
Fairey Co "Adrs"		3⅝	3⅞
Falconbridge Nickel Mines Ltd	*	49¼	50¼
Family Circle Assoc class A	10c	[illegible]	10¾
Fanon Electronic Industries, Inc	20c	1⅛	1⅜
Faradyne Electronics	5c	3⅛	3⅝
Farbenfabriken Bayer Amer deposit rcts		67½	68½
Farbwerke Hoechst A G Amer deposit rcts		61½	65
Farmer Bros Co	1	7⅜	7¾
Farrel Corp	12.50	38½	41¼
Farrington Mfg	*	4⅜	4⅝
Fastline Inc	10c	¼	⅝
Fate-Root Heath Co	1	15	17
Faultless Caster	1	4⅜	4¾
Faultless Rubber	1	23	--
Fearn Foods Inc	5	21½	23
Fed-Mart Corp	*	12¼	13¼
Federal Bake Shops	1	3¾	4¼
Federal Bowling Centers Inc	1c	4c	8c
Federal Compress & Warehouse Co	12	21⅝	22⅛
Federal National Mtg Association	100	90½	91
Federal Resources	50c	2 5/16	2½
Federal Screw Wks	1	16¼	17¼
Federal Sign & Signal Common	1	21½	22½
$1.20 con pr pfd	*	22¼	23¼
$1.25 preferred	10	19½	20½
Federal Steel Corp	*	2¼	2⅝
Federated Electrcs	10c	1	1½
Federated Publicatns	*	56	--
Ferro Dynamics	25c	1⅜	1⅝
Ferson Optics Inc	*	3⅝	4
Fiat Metal Mfg	10c	8⅝	9⅛
Fiat Motors— Amer dep rcts		4⅜	4¾
Fieldcrest Mills	*	20	21½
5th Avenue Cards	10c	1⅜	1⅝
Fifth Dimension	50c	3⅜	3¾
53 State St Corp	100	17	--
Filmohn Corp	10c	3	3¾
Filon Corp	20c	16¾	18⅝
Fireco Sales Ltd	*	2⅜	2¾
First Flight Co	50c	6½	7
First Hartford Realty Corp	1	6½	7¼
First Republic Corp of America class A	1	2⅞	3⅜
First Southern Co	1	4¾	5
First Union Realty	1	13⅞	14⅞
Fischer & Porter Co— 5% preferred	10	8¼	8¾
Fisher Foods com	2.50	10	11
$5 preferred	*	83	88
Fisher Governor Co	1	27	28¾
Fitchburg Paper Co Class A com	1	14¾	16
Fleming Co Inc	2.50	27	31⅛
Flexible Tubing	1	5⅞	6⅜
Warrants		1	1½
Flora Mir Candy	10c	1 1/16	1 1/16
Florida Hillsboro	1	½	¾
Florida Palm-Aire	1	1⅞	2
Florida Properties	10	40	43
Florida Steel Corp	1	8¾	9⅛
Florida Tile Indus— Class A common	1	6½	7½
Floyd Bennett Stores	5c	9¼	10½
Fluke (John) Mfg	50c	5¾	6¼
Fluorocarbon Co	40c	3	3½
Flying Tiger Line 5% preferred	10	6½	7
Foamland USA	25c	1⅝	1⅞
Food & Drug Research Laboratories	50c	12¾	13½
Food Fair Properties	1c	2½	2¾
Warrants		⅞	1
Food Plus Inc	1	4	4½
Foote-Burt Co	5	13	15
Forbes & Wallace— $3 class A	*	51	--
Class B non-voting	*	31	--
Forcite Inc	50c	⅜	⅝
Foremost Dairies 4½% preferred	50	47	48
Forest Laboratories	10c	25	26
Forman Realty Corp	10	73	75
Formsprag Co	1	13	--
Fort Worth Steel & Machinery Co	*	6¼	7⅛
Fortuna Corp	10c	1⅛	1⅛
"42" Products Ltd		7¼	8⅛
Foster-Forbes Glass	1.50	19½	20½
Foster Grant Co	1	18½	20⅛
Foundation Co (NY)	1	1⅜	1¾
Four Corners Oil & Minerals Co	1	¼	⅜
Four Star Television	*	10½	11½
Fownes Bros & Co	1	8¾	9¼
Fox St Louis Prop— Units		5⅜	6
Fox-Stanley Photo Products	1	5⅜	6
Franchard Corp Class A	1	2	2¼
Franco Wyoming Oil	6	38	40¾
Frank (Albert) Guenther Law	1	28	--
Franklin Balmar Co	*	14½	16½
Franklin Corp	1	7¼	7⅞
Franklin Electric	*	17	18½
Frantz Mfg Co	1	14	14½
Free State Geduld Mines Ltd "ADRS"	5s	18¼	18⅝
French (Fred) Inv	*	13½	14½
Freoplex Inc	10c	¼	⅝
Frigikar Corp	50c	10⅝	11
Frisch's Restaurants	*	12	13
Frito-Lay Inc	2.50	37½	38
Fritzi of Calif Mfg	1	7	7½
Frontier Airlines	1	6⅞	7⅛
Frontier Refining Co	1	9	10½
Frouge Corporation	1	2⅜	2¾
Fuller Industries	1c	¼	--
Fullview Industries— Class A common	50c	1¼	1⅝
Fulton Industries	2	7⅝	8
Fulton Market Cold Storage (Ill)	5	13	14
Funded Securities A	2	1½	1¾
Furman-Wolfson	10c	9¼	10
Futterman Corp cl A	1	5¾	6⅜
G L Electronics	20c	3¾	4½
G M S Stores	10c	1½	1¾
Gabriel Industries	1	8⅜	8⅞
Gap Instrument	10c	½	¾
Garden Land Co	1	4⅞	5⅛
Garden State Racing		850	950
Garfinkel (Julius)	50c	36¾	38¼
Garland Knitting Mills Class A common	1	23	24⅞
Garlock Inc	1	28	30⅜
Garrett Freightlines	1.66	13¼	14
Garsite Products	10c	1⅝	2
Gas Hills Uranium	1c	22c	26c
Gate City Steel— 7% pfd ser B ww	20	19½	--
Gateway Chemicals	*	11¾	12⅛
Gateway Transp	1	8⅞	9¼
Gelman Instrument	*	9	10
Gem Electronic Distributors Inc	25c	5¼	6
Gem International	70c	5¾	6
General Abrasive Co	1	18½	19½
General Aniline & Film class A	*	295	322
General Atronics	*	2	2¼
General Automotive Parts Corp	*	11⅞	12¼
Genl Castings Corp	10c	1¼	1¾
General Coil Prods	10c	3⅛	3⅞
General Crude Oil	2½	36½	37½
General Devices Inc	1	¾	1
Genl Drive-in Corp	*	9¾	10¾
General Economic Syndicate class A	10c	1¼	1¾
Gen Economics Corp	5c	10c	25c
General Electronic Control Inc	10c	34c	44c
General Electronics— Class A	10c	⅜	½
General Electronics Laboratories— Class A	33⅓c	2	4
General-Gilbert	1	1¾	2
General Indicator	1	n5	6
General Industries	4	18¾	19¾
General Kinetics	25c	1⅛	1½
Gen Magnaplate	50c	1⅜	1¾
General Precision Equipt $4.75 pfd	*	99	101
Gen Resistance Inc	10c	5/16	9/16
General Shale Products Corp	*	19½	20¾
Gen Spray Service— Units		--	¼
Gen Super Markets Now listed ASE			
Gen Tin Investments Ltd "ADRS"		1⅜	1¾
Gen Tire & Rubber Co $27.50 warrants		49	52
Gen United Corp	2	4½	4⅝
General Utilities Inc	1	5c	10c
Genge Industries	*	2¾	3¼
Genisco Inc	1	8½	9½
Genuine Parts Co	5	22¾	24
Geochron Labs	1c	10c	20c
Geophysics Corp of America	60c	15½	16¼
Georgia Marble Co	10	37	38
Georgia Shoe Mfg	1	10½	11
Geoscience Instrumts	1c	3/16	3/8
Geotechnical Corp	1	15	15½
Geotechnics & Resources class A	25c	⅛	⅜
Gera Corp (N J)	100	2,000	--
Gerber Scientific Instrument Co	*	7¼	8¼
Geriatric Pharmac	10c	1⅛	1½
Geriatric Services	10c	3½	4
Gertsch Products	*	9	10
Gestetner Ltd— Ord A Am dep rcts		5	5½
Getchell Mine Inc	1	2⅛	2⅜
Getz (Wm) Corp	*	13½	14
Gevaert Photo-Production "adrs"	*	47¼	48
Giannini Scientific	10c	4⅛	4½
Giant Food Prop	10c	1½	1¾
Giant Tiger Stores	*	4⅜	4⅞
Giddings & Lewis Machine Tool	2	17¼	18⅝
Giffin Industries	1	⅞	1⅜
Gilbert Data-Systems Inc	1c	2⅞	3¼
Gilbert Marketing Group Inc	50c	2⅜	2¾
Gilfillan Corp	*	11¾	12¾
Gilpin (Henry B) Co— Class A common	*	15¾	16½
Girard Industries	50c	7	7⅜
Girder Process— Class A	1c	1⅝	2⅛
Girltown Inc cl A	1	6⅞	7¼
Gisholt Machine	10	13	13½
Glamur Products	8c	5c	25c
Glasrock Products	10	4⅞	5¼
Glasspar Co	50c	1½	1¾
Glastron Boat Co	*	2½	2¾
Glatfelter (P H) & Co Common	5	33¾	35⅞
4½% preferred	50	46	--
4⅝% pfd	50	47	--
Glaxo Group Ltd Amer dep rcts ord		6⅝	7
Glen-Gery Shale Brick Corp	50c	6⅞	7⅝
Glen Industries	10c	1¼	1¾
Glen Mfg Inc	1	5	5½
Glitsch (Fritz W) & Sons Inc	2	7¾	8¼
Global Steel Prod	50c	1	1½
Globe Industries	*	9	9½
Globe Rendering		9¼	--
Globe Rubber Products Corp	*	14¾	16
Goddard Inc	10c	½	¾
Goddard Indus	1	8½	9½
Godfrey Company	5	18½	20
Goebel Brewing 60c conv pfd	10	1¾	2¼
Goff Oil Co	10c	1⅝	2
Golden Cycle Corp	10	8	9½
Golden Triangle Industries Inc	80c	1⅜	1⅞
Goldsmith Bros	25c	2⅜	2¾
Gordon & Breach Science Publish	10c	¼	⅜
Gorton's of Gloucester Inc	*	32¼	33
Gould Properties cl A	1	8¾	9¾
Gradiaz Annis & Co	1	a18¾	--
Graham Chemical	10c	1¼	1¾
Grain Elev Whse Co	10c	18	21
Granco Inc class A	1	⅝	--
Granco Products	50c	7/16	⅝
Grand Union Co— 4½% preferred	50	45½	47
Granger Associates	1	12	13
Great Amer Realty— Class A	10c	30c	40c
Great Lakes Term W'house (Ohio)	1	n16	--
Great Plains Development Co Ltd	1	11⅝	12⅜
Great Universal Stores Ltd class A	5s	7½	8⅜
Greater All American Markets	1	3¼	3⅝
Green (Daniel) Co	10	44	--
Green (A P) Fire Brick Co	5	19½	21
Green Giant Co com	*	42½	43½
5% preferred	100	99	101
Green Mountain Uran Class A	1c	9c	11c
Green Shield Plan	25c	2½	2¾
Greene (M J) Co	10c	1	1¾
Gremar Mfg Co	*	2	2½
Griesedieck Co 5% conv pfd	30	27	30
Griess-Pfleger Tan	5	10	12
Griggs Equipment	50c	6¼	6⅝
Grinnell Corp	*	90	93½
Grocerette Vending Machines Inc	15c	--	⅛

* Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock x Ex-dividend Ex-stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Stocks—	Par	Bid	Ask
Grolier Inc	1	55½	58¾
Gross Telecasting	1	24¼	25
Grosset & Dunlap	1	10⅝	11
Gruen Industries	1	3¾	4⅛
Guantanamo Sugar	1	2¼	2¾
Guardian Chemical	10c	3⅛	3¾
Guardian Paper Co	1	6⅜	7¼
Guidance Tech	10c	11c	16c
Guild Musical Instrument Corp	5c	½	¾
Gulf Coast Leaseholds Inc	20c	1⅛	1¼
Gulf Interstate Co	1	7	7⅜
Gulf Resources	10c	3⅝	4
Gulf Sulphur Corp	10c	3¾	4
Guy's Foods Inc	2	8	8½
Gyrodyne Co of America Inc	1	8¼	9
Hager Inc	*	1⅜	1⅝
Hajoca Corp	1	40	43⅞
Halco Chem (Units)		⅝	--
Halle Bros common	5	21¼	22
$2.40 conv pfd	50	44½	--
Halliday Lithograph	1	11½	12¼
Halo Lighting	*	9½	9⅞
Hamilton Cosco Inc	*	15⅛	16¼
Hamilton Mfg	*	18	19½
Hampton Sales Co	10c	1⅜	1⅝
Hancock (J W) Inc—			
Common	10c	n⅜	¾
6% conv pfd	2	⅜	⅝
Handmacher-Vogel	1	4	4½
Handschy Chemical	1	9¼	10
Handy & Harman	1	10⅛	11⅛
Hanna Mining Co	1	128	130
Hanover Equities—			
Class A	1	4¾	5
Hanover Shoe	1	16	17
Hansen Mfg Co	1	12½	13½
Hapman Corp	1	1¾	2¼
Hardee's Food Systems Inc	33⅓c	4⅛	4⅜
Harnischfeger Corp 6% conv pfd	100	102½	104
Harper (H M) Co	1	10½	10⅞
Harper & Row Publishers Inc	*	18¼	19
Harper Vending	5c	1	1⅜
Harrington & Richardson Arms	1	6¼	7
Harris-Teeter Super Markets	5	13	14
Hart-Carter Co	1	19¾	20½
Hartebeestfontein Gold Mining Co Ltd—			
Amer deposit rcts		7½	8⅜
Harvest Brand Inc	10c	4⅛	4½
Harvey House	10c	1⅛	1¼
Harvey Wells Corp	1c	2⅜	2¾
Harvill Corp	1	1⅞	2⅛
Harwyn Publishing Class A	10c	4	4¼
Hastings Raydist	1	14	15
Hauserman (E F) Co	1	7	7½
Hausman Steel Co	5	6¼	6¾
Havana Racing Co	10c	4c	6c
Haven Industries	10c	4c	7c
Haverty Furniture	5	18¾	--
Hawaiian Pacific Ind	*	2½	2⅞
Hawley Products Co	5	12	13
Hayden Publishing	1c	2¾	3¼
Hayes Int'l	2.50	12¾	13½
Hazel Park Racing	1	4	4¼
Voting Trust ctfs		3¾	4¼
Head Ski Co Inc	1.50	23	24
Hearst Consol Pub—			
7% class A pfd	25	25	27¾
Heath (D C) & Co	5	17¼	18⅝
Heldor Electronics Mfg Corp	10c	1/16	3/16
Helm's Express Inc—			
Class A common	1	8	9
Hendrick Ranch Roy	1	3½	5
Henry's Drive-In	*	6	6¾
Heppenstall Co com	50	16	19
4½% preferred	50	25	30
Hercules Galion Prod-			
6% B conv pfd	20	19	21
7% pfd ser A	20	18	20
Herff Jones Co	1	15¾	16¼
Heritage Industrial	1	2	2½
Heritage Petroleum	1	⅝	⅞
Herman & Appley Inc Class A com	10c	3⅞	4¼
Hermetite Corp	*	1⅞	2⅛
Hershey Creamery	5	45	--
Herts-Lion International Corp	1	n⅝	⅞
Hewitt-Robins Inc—			
5% preferred	10	8⅝	9¼
Hewlett-Packard Co—			
90c conv pfd	1	19⅜	19⅞
Hexagon Labs Inc	1	1½	1⅞
Hexcel Products	1	18	19
Heywood-Wakefield—			
Common	12.50	21½	--
1st pfd 5% ser B	25	11¾	12¼
Hi-Shear Corp	*	5½	6⅛
Hialeah Race Course	1	74	76
Hiawatha Oil & Gas	10	2⅝	3⅛
5% conv pfd	10	7½	9
Hickok Electrical Instrument Co cl A	1	5¼	5¾
Hicks-Ponder Co	1	7⅞	8¼
Hico Corp of Amer	1	3¾	4¼
Hidden Splendor Mining Co	50c	7½	--
Higbee Co	1	32	34
Hightstown Rug	1	n2⅞	--
Hilco Homes Corp	*	⅞	1⅛
Hines (Ed) Lumber	10	24½	25¼
Hirsch (P N) & Co	1	14	14½
Hitachi Ltd Amer deposit rcts		19⅜	19⅝
Hobam Inc	6c	4¾	5¼
Hobart Mfg Co	*	45	46
Hoerner Boxes	1	22¼	23
Hofman Laboratories	25c	6	8
Hogan Faximile	10c	3¼	3⅝
Holiday Inns of America	1.50	23⅞	25⅜
Hollingshead (R M)	1	15½	16½
Homestead Valve Manufacturing	2	7⅞	--
Honda Motor Co Ltd Amer deposit rcts		15¾	16
Honeycomb Products	*	6½	6¾
Honeggers Inc	*	4¾	5½
Honig's-Parkway	10c	1¼	1⅜
Hooghovens—			
Am dep rcts	20 fl	33	36⅛
Hoover Company—			
Class A com	2.50	33⅛	35⅞
Horizon Land Corp	1c	4⅜	4⅝
Horne Enterprises	1	14⅝	15⅞
Hot Shoppes Inc	1	22⅜	22⅝
House of Vision	1	17⅛	18⅜
House of Westmore	10c	2	2¼
Houston Fearless Corp	1	⅞	1
Houston Oil Field Material com	1	8¼	9
5½% preferred	100	62	--
Howell Instruments	*	6¾	7¼
Hubinger Co	1.25	19	20
Hudson Pulp & Paper Class A common	1	23	24⅞
$1.41 2nd pfd	24.50	**24¾**	**26¾**
5% pfd series A	25	22	--
5.12% pfd B	25	22½	--
Hudson Wholesale Groceries Inc	1	3¼	4
Hudson's Bay Co	£1	12¾	13½
Hudson's Bay Oil & Gas Co Ltd	2.50	13	13¾
Hupp Systems Class A com	10c	2	2
Hurletron Inc	25c	4½	4¾
Husky Oil Co (Del) 6½% preferred	100	97	--
Huston (Tom) Peanut	*	41	42
Huyck Corp	*	18	18¾
Hyatt Corp of Amer	1	3¾	4⅜
Hydra-Power Corp	10c	3¼	3⅝
Hydraulic-Press Brick Co	1	8	8¾
Hydro-Electronics	1c	½	¾
Hydrocarbon Chem	1	2¼	2⅝
Hygiene Industries	1	4¾	5
Hygrade Pack cl A	50c	1½	1⅞
Hyster Company	50c	33¾	36⅛
I D Precision Components Corp	10c	1	1¼
I-T-E Circuit Breaker 4.60% pfd	50	40	--
ITI Electronics	5c	1	1⅜
Ideal Precision Meter Co	10c	1⅞	2⅛
Ilikon Corp	10c	24½	26¾
Illinois Tool Works	10	45	45¾
Imac Food Systems	*	⅝	1
Imperial 400 Natl	50c	6⅜	6⅞
Income Properties—			
Class A	50c	3	3⅝
Indep Coal & Coke Co	1	n⅞	1
Indian Head Mills—			
Common (ex a 50% stock div)		16	16½
$1.25 preferred	20	24¼	25
Indian River Citrus Fruits Inc	2	4¾	6
Indiana Gas & Chemical Corp	50c	41	44
Indiana Limestone	10	3⅛	3½
Indianapolis Stk Yards Common	50	23	25
6% preferred	50	50	54
Industrial Instruments Inc	50c	⅝	⅞
Industrial Timer	1	5¼	6⅜
Industrial Vinyls	10c	¾	⅞
Industro Transistor	10c	½	⅝
Information for Industry Inc	25c	13¼	14⅝
Infrared Industries	*	6⅛	6⅞
Inland Container Corp Class A common	*	45½	47
Inland Underground Facilities Inc	50c	12	12¼
Inman Mills	100	n11	--
Inpak Systems	1c	3¼	3¾
Insley Mfg Corp	10	7¼	8
Instrument Systs	25c	2½	2¾
Instruments for Industry Inc	25c	1¼	1½
Insul-Cup Corp of America	1c	5c	12c
Insular Lumber	10	12	--
Insurance Exchange Bldg (Chicago)	10	36½	37½
Intercoast Cos	10	14¼	15¼
Intercontinental Dynamics Corp	10c	n⅞	1 1/16
Int'l African American Corp	1	7	--
Int'l Airport Hotel System Inc	1	3	3¼
Int'l Cablevision—			
Class A common	10c	1¾	2
Int'l Computers & Tabulators "adrs"		8¾	9¾
Int'l Correspondence Schools World	2.50	5	5¼
International Data Systems Inc	12½c	5¼	5½
International Dist & Vintners "adrs"		2.45	2.60
Int'l Electronics Class A common	10c	1⅜	1¾
Intl Flavors & Fragrances	50c	39¾	41⅞
Int'l Flight Caterers Inc	1c	½	1
Int'l Industries Inc	*	3¾	4½
Internat'l Marine	1c	n⅜	⅞
Int'l Oils & Metals	1	6c	8c
Int'l Packings Inc	*	24	26
Intern'l Photocopy	20c	¾	1½
Int'l Proteins	1	6½	7¼
Int'l Publishing Amer dep rcts		2⅛	2⅜
International Railroads Weighing Corp	1	7⅞	8⅜
Int'l Recreation Cp	50c	⅞	1¼
Int'l Talc common	5	40	--
7% preferred	100	115	--
Int'l Textbook Co	*	58	62⅜
Int'l Ultrasonics	10c	3	3½
Interphoto Corp Common class A	1	5⅜	5¾
Interprovincial Pipe Line Co	5	73½	74½
Interstate Bakeries	1	27¾	29⅞
$4.80 preferred	100	85	90½
Interstate Engineer'g	1	9¼	10⅛
Interstate Hosts	2.50	14	14¾
Interstate Motor Lines Inc	1	21	22
Interstate Vending	1	11⅜	12¼
Ionics Inc	1	13⅝	14¾
Irving (John) Shoe	1	3½	--
6% preferred	25	15	--
Irwin (Richard D)	*	12	12½
Itek Corp	1	22¾	24⅝
Ivey (J B) & Co	5	17½	18½
J E Plastics Mfg	10c	5	5⅜
J-F Machine Diesel & Electronics	10c	⅜	¾
J-K Industries	*	28c	38c
Jackson's Minit Markets Inc	1	7⅛	7⅜
Jacobs (F L) com	1	2½	2¾
5% conv pfd	50	40	43
Jacobsen Mfg	1	10¼	11
Jacquin (Charles) see Charles Jacquin			
Jaguar Cars Ltd—			
Amer dep receipts		11	11½
Jahn & Ollier Engraving Co	1	4	4½
Jahncke Service Inc	2	11¼	12¼
James Vend Mach	10c	--	1
Jamesbury Corp	1	8	8⅞
Jane Colby Inc	1	8¼	9
Jantzen Inc	1	22¾	24⅞
Jarecki Corp	1	5	6¼
Jarrell-Ash class A	1	6⅛	6⅞
Jeddo Highland Coal	*	75	--
Jefferson Lake Asbestos "warrants"		1½	2½
Jefferson Lake Sulphur 7% preferred	10	10	--
Jenkins Bros	25	31	33
Jergens (Andrew)	*	28½	29
Jerrold Corp	10c	4½	5¼
Jervis Corp	1	7¾	8⅝
Jessop Steel Co	1	10	10⅞
Jet-Aero Corp	10c	⅜	⅞
Jewell (J D) Inc	1	7¼	8
Jiffy Steak Co	1.25	12	12¾
Johnmar Industries	10c	¼	⅝
Johnson Electronics	1	⅜	⅝
Johnson Service	5	58	59½
Jolyn Electronics Mfg Corp	1c	2½	3
Jones & Lamson Machine Co	20	19¾	21½
Jones Motor Co	2	9⅛	9⅝
Jonker Business Machines "units"		2⅛	2⅝
Jorn's Greeting Card Co Inc	10c	1⅞	2⅛
Joseph & Feiss Co	2.50	15	16
Joslyn Manufacturing & Supply Co	1.25	54	57
Jostens, Inc Class A	33⅓c	16½	17
Joyce Leslie— See (Leslie Joyce)			
Jubilee Iron	1	1⅞	2⅛
Julian & Kokenge	*	35	36
Julie Research Laboratories	1	4	4⅝
Julyn Sportswear— Class A	10c	1⅝	2
Juniper Oil & Mining Co	10c	2	2½
Jupiter Corp $1.50 pfd	*	16½	17
Jurgensen's (Cal)	1	4	4¾
Justheim Petroleum	5c	18c	22c
Justrite Mfg Co	1	1¼	1¾
K A Electronics	1	3/16	5/16
K D I Corp	85c	1	1⅛
Kahn's (E) Sons	*	27	--
Kahr Bearing Corp	10c	5	5½
Kaiser-Nelson Corp	10c	2½	3
Kaiser Steel Corp— Common	1	18⅜	19¾
$1.46 preferred		23⅞	25½
Kalvar Corp	2	255	270
Kaman Aircraft cl A	1	9½	10
Class B	1	9	10
Kane-Miller Corp	1	6	6¾
Kann-Ellert Electronics	1	1⅝	2⅛
Kansas City Stock Yards (Me)	100	63½	--
5% preferred	100	98	--
Karstadt (Rudolph) American shares		8½	--
Bearer shares		202	--
Kavanaugh-Smith	1	3⅞	4⅝
Kay Foods Corp	1	6⅞	7⅜
Kay Windsor class A	1	9	10¼
Kaymarq Consol— 84c preferred	1	¼	⅝
Kearney & Trecker	3	12⅞	14
Keene Packaging Associates	10c	7	7⅜
Keith (George E) Co— Common	*	4¼	5¾
$5 prior pfd	100	44	--
Kellett Aircraft Corp	1	1¼	1¾
Kelling Nut Co	3	4½	5½
Kellogg-American	10c	1⅝	1⅞
Kellwood Co	*	30¼	30¾
Kelly Girl Service	1	15	16½
Kendall Company $4.50 pfd series A	*	94	97
Kendall Refining	10	26¼	27¼
Kennametal Inc	5	25	27
Kenrich Corp Class A	20c	⅝	⅞
Warrants		1/16	3/16
Kent Dry Cleaners	10c	1⅞	2⅛
Kent-Moore Organization Inc	1	25½	27
Kentucky River Coal Corp	25	77	--
Kentucky Stone	10	52	--
Kenwin Shops Inc	1	2⅝	3
Kerite Company	10	18¾	20½
Kerr Addison Gold Mines	1	5¾	6¼
Kerr-McGee Oil Indus 1964 warrants		8	9
1967 warrants		19	22
Ketchum & Co Inc		9¾	10¼
Kewanee Oil Co— Class A	10	31¼	33¾
Class B	10	30½	31¼
Keyes Fib Co com	1	20¾	22¼
Warrants		3⅜	3¾
4.80% 1st pfd	25	24	--

* Without par value. a Called for redemption, see page 94. k Last sale. n Nominal r Canadian dollar value. t New stock. x Ex-dividend y Ex-stock dividend.

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INDUSTRIAL AND MISCELLANEOUS STOCKS

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Stocks—	Par	Bid	Ask
Keystone Alloys	1	6½	7¼
Keystone Discount Stores Inc	1	4½	5
Keystone Electronics	25c	⅝	1
Keystone Portland Cement Co	3	17⅛	18⅞
Kinetics Corp	*	3	3⅝
King Kullen Grocery—Class A	1	11⅛	12
King Louis Int'l	1	4⅝	5
King Oil Inc (Del)	1	55c	62c
King's Dept Stores	1	14	14⅜
Kingsport Press	1.25	22	22½
Kingwood Oil	1	10¾	11½
Kirby Lumber Corp	1	54	57
Kirby Petroleum Trust Certificates No 1		6½	--
Certificates No 2		2½	--
Kirk Industries	1	1½	2
Kirk (C F) Labs	20c	2¾	3¼
Kirsch Co	5	18¾	20⅜
Klondex Inc class A	1c	2⅛	2⅜
Knape & Vogt Mfg	2	21¼	22
Knapic Electro Physics Class A com	2	10c	20c
Knapp & Tubbs Inc	50c	1¾	2½
Knickerbocker Toy	10c	n2½	3
Knox Glass Inc	6.25	8¾	9⅝
Knudsen Creamery Co of Calif	1	29	31⅛
Koehring Co com	2	19⅝	20¾
5% conv pfd	50	55	57
5½% series D pfd		55	--
Koeller Air Prod	5c	⅞	1¼
Kogel Inc	1c	½	⅞
Kollmorgen Corp	2.50	18¾	20⅝
Korfund Inc	10c	1¼	1¾
Koster-Dana Corp	1c	2½	2⅞
Kromex Corp	1	6¾	7½
Krueger (W A) Co	5	6¼	7
Krylon Inc	*	6⅞	7¼
Krystinel Corp cl A	1c	⅛	⅜
Kuhlman Electric	2	12	13
Kulicke & Soffa Mfg	*	3½	3⅞
Kurz & Root Co	1	1¼	1¾
Kusan Inc (Ky)	1	4¾	5⅛
L. I. Chromatel Inc—A "double stmp"		⅛	¼
La Consolidada S A—Common	75 pesos	4½	--
6% pfd	75 pesos	4½	--
La Crosse Cooler	2.25	11½	12½
La Maur Inc	10c	11¾	12⅛
Laboratory Procdres	1c	1	1¼
La Pointe Industries	1	9/16	11/16
Laclede Steel Co	20	143	147
Laguna Niguel Corp—Units		10⅞	11⅝
Laird & Co	1	3	3½
Lake Arrowhead Development	*	4	4⅝
Lake Central Airlines—Common	1	5⅜	5⅞
6½% conv pfd	10	23	24
Lake Ontario Portland Cement	1	2	2¼
Warrants		35c	50c
5% conv pfd	10	9¾	10¼
Lakeside Industries	1	4¼	4⅝
Lakey Foundry Corp	1	⅞	1¼
Lamson & Sessions—4.75% conv pfd A	50	43½	--
Lamston (M H) Inc	1	9¾	10¼
Lamtron Industries—Class A	10c	⅜	⅝
Lance Inc	2.50	15⅜	15¾
Land Equities Inc—Class A common	1c	¾	⅞
Land Title Bldg	50	53	--
Landa Oil Co	10c	3¼	3⅝
Landis Machine	2	31½	33½
Langendorf United Bakeries Inc com	1	16¾	17½
$1.80 preferred	25	29	30
Langley Corp	1	5/8	13/16
Lannett Co Inc	2	1⅞	2¼
Lansing Development	*	--	½
Larsen Co	6⅔	10¾	11⅛
Lasco Industries	*	n--	3¾
Latrobe Steel Co	2.50	18	19⅜
Lau Blower Co	1	5½	5¾
Lawter Chemicals	1	18¼	18¾
Layne & Bowler Pump Co	1	5½	6⅝
Le Cuno Oil	10c	1.35	--
Le Maire Tool & Mfg	1	2¼	2⅝
Le Tourneau (R G)	1	10	11½
Leach Corp	20c	10	12
Leader-Durst Corp—Class A common	50c	3⅞	4 1/16
Leaseway Transport'n	1	26	28
Lee (H D) Co Inc	*	20¾	21¼
Leece-Neville Co	50c	10⅝	11⅛
Leeds & Northrup	50c	27¾	29⅜
Leeds Homes Inc	25c	1c	5c
Leeds Travelwear—Common class A	1	4½	5⅛
Leetronics Inc	50c	2½	2¾
Lee Way Motor Freight Inc	1	8¾	9¼
Lee Wilson Engine'g	*	7¼	7¾
Lehigh Industries & Investing	10c	10¼	11¼
Lehigh Press Inc	*	10½	11⅜
Lel Inc	20c	2⅝	3
Leland Publishing Ltd	*	4⅛	4⅝
Lemke (B L) & Co	50c	1	1⅜
Lena Horne Beauty Products	1c	3c	5c
Lenahan Aluminum Window Corp	50c	a--	--
Lence Lanes Inc	1	3/16	5/16
Lenox Inc	2.50	18⅞	19⅛
Leon Ld & Cattle	10c	1⅛	1½
Leonard Oil Devel	25	10c	14c
Leslie (Joyce)	10c	¾	1⅛
Lester Engineering	1	7¼	7¾
Lestoil Products Inc—Common	50c	5¼	5½
Class A	*	12½	13½
Units		17½	--
Levingston Shipb'ldg	6	5¼	6
Lewis Business Forms	1	16¾	18
Lewis Welding & Engineering Corp	1	3½	4½
Lewis Wharf Co—Ex distribution		2	--
Lewisohn Copper	10c	⅛	⅜
Lexington Ave & 42nd Street Corp cl D	1c	20	--
Ley (Fred) T & Co	1	2	--
Lido Corp	10c	2	2½
Lightcraft-General	1	11⅜	12⅛
Li'L Gen stores	1	2⅛	2⅜
Lilly (Eli) & Co cl B	5	89	92½
Lily Lynn Inc—Class A com	1	7¾	8½
Limestone Products Corp of America	*	95	105
Lincoln Stores	5	¼	--
Lindberg Steel Treating class A	5	18¾	19¾
Lindly & Co Inc	10c	½	¾
Lindy Hydrothermal Products Inc	10c	5	5½
Ling-Temco-Vought Inc $30 warrants		4	4¼
$40 warrants		2⅝	3
4½% pfd A	30	21	22½
Lion Match Co	*	4	5
Lipe-Rollway Corp	1	13	14⅜
Liquidometer Corp	1	6	6⅜
Litecraft Indus	1	3	3½
Warrants		½	⅞
Lite-Vent Indus	1	¼	⅝
Lithoid Inc	10c	2⅜	2¾
Little (J J) & Ives	50c	1	1 3/16
Little Ruffy Togs	1c	2	2½
Littlefield Adams	1	1⅞	2⅛
Littlefuse Inc	2.50	11¼	12¼
Liverpool Indus	10c	¼	¾
Living Aluminum	1	4½	5
L N C Corp	1	8⅜	9
Lobitos Oilfields Ltd—Amer deposits rcts		6⅞	7¾
Loblaw Inc	1	7⅜	8⅛
Lock Thread Corp	10c	⅛	¼
Lockhart Corp	1	14¼	15
Lodding Engineering	1	4⅞	5⅜
Loft Candy Corp	1	2⅞	3⅛
Lomart Perfected Devices Inc	50c	5	5½
London Terrace Inc—Class A	1	24	--
Londontown Mfg	1	36¼	37
Lone Star Brewing	1	40½	41¼
Lone Star Steel Co	1	9	9¾
Longchamps Inc	1	4¼	5¼
Long Island Plastics	10c	½c	2c
Longhorn Portland Cement Co	1.25	23	23¾
Long-Lok Corp	*	8¾	9¾
Long Mile Rubber	1	a16⅜	16¾
Longs Drug Stores	2	27⅝	29½
Longview Fibre	7.50	89	92
Lortogs Inc	1	2½	2¾
Los Angeles Drug	*	15½	17¼
Louisiana-Delta Offshore Corp	2c	2⅜	2¾
Louisiana State Rice Milling	10	25	--
Lowell Toy Mfg	50c	2½	3
Lowe's Cos Inc	1	13⅜	14½
Lucks Inc	*	8⅛	8⅝
Lucky Lager Brewing	1	15	16¾
Lucky Stores Inc	1.25	21⅞	23¼
Ludlow Corp	*	53½	54½
Ludlow Typograph	10	13½	14¼
Ludwig Engineering and Science	*	n2⅝	3
Luminall Paints		6½	7¼
Luminator Harrison	1	5¾	6¾
Lum's Inc class A	10c	⅜	9/16
Lunn Laminates	25c	7/16	9/16
Lusk (The) Corp	1	1½	2
Warrants		½	¾
Lynch Communication System Inc com	1	8½	9
$8.50 warrants		3	5
Lyntex Corp	25c	1⅛	1½
Lyon Metal Prod	2½	23	24
Lytle Corp	*	⅛	5/16
M & D Store Fixture	1	6⅝	7½
M S I Electronics	3c	¼	½
Maico Corp	1	13⅛	13½
Maico Realty Co	1	7⅜	8⅛
MacDonald (E F)	1	8½	9¼
Machine Bull "ADRS"		72½	74
Mack Shirt Corp Class A com	*	12	12½
Mack Trucks Inc—1959 warrants		6¼	6¾
1961 warrants		10¼	11
MacWhyte Company	10	29	31
Madway Main Line Homes, Inc	1	12½	13½
Magazyn Byenkorf Amer deposit rcts		22	23
Magic Fingers	10c	5	6
Magma Power	10c	85c	95c
Magna Pictures Corp	5c	1⅞	2⅛
Warrants		⅞	1⅜
Magna Pipe Line Co Ltd com	*	6⅞	7¼
Units		6⅞	7¼
Warrants		2	2⅜
Magnasync Corp	1	¾	1¼
Magnefax Corp	*	2¾	3⅛
Magnetic Metals	1	7⅞	8⅜
Magnetics Inc	1	3¾	4⅛
Magnin (Joseph) Co	1	35	36
Mahon (R C) Co	5	12½	13
Majestic Penn State	*	⅞	--
Major League Bowling & Recreation Inc	1	⅝	⅞
Major Pool Equipment Corp	10c	2½	3
Major Realty Corp	1c	--	10c
Mallinckrodt Chemical Works cl A com	10	43½	45
4¼% convertible pfd series C	50	47½	--
Malone & Hyde Inc	1	20⅛	20⅝
Management Assistance	10c	14½	15½
Mandrell Industries	*	13⅜	13⅝
Manischewitz (B) Co	*	29	--
Mannesmann (A G)—Amer deposit rcts		24	25
Manpower Inc	66⅔c	24¼	25
Mann Research Laboratories Inc	50c	1¼	1⅝
Maradel Prods Inc	1	14	14⅜
Marcon Electronics	1	n1½	2¼
Maremont Corp—6% preferred	100	96½	100
4½% conv pfd	100	91	94
Marine Petroleum Tr—Units of interest		7⅛	7⅜
Marine View Electronics Inc	10c	n⅞	1⅛
Market Basket	50c	a25¾	27½
$1 preferred	15	a17	--
Markite Co	25c	7	7¾
Marley (The) Co	2	17	17¾
Marmac Industries	10c	2⅛	2⅝
Marmon Herrington	1	9½	10⅜
Marquette Corp	1	4¾	5½
Marrud Inc	2	9¼	10⅜
Marsan Industries—Class A common	10c	⅛	1/16
Marsh & McLennan	*	37½	39⅝
Marsh Steel Corp	1	4¼	5
Marsh Supermarkets	*	12¾	13⅞
Marshall Electronics	1c	1	1⅜
Marshall Industires	1	2¾	3⅜
Martin Yale Business Machines "units"		2⅛	2⅝
Martinall Indus	1¼	11	11¾
Maryland Shipbuilding & Drydock—Common	50c	14⅛	15¼
4½% preferred	100	100	--
Mastan Co	1	11⅛	11½
Mass Protective Assn	5	134	139
Mastic Corp	1	6¾	7½
Mastro Industries	10c	⅞	1⅛
Mathes (Curtis) Mfg	1	37½	39
Matheson Co Inc	1	18¼	19⅜
Mathews Conveyor	1	20¼	--
Mathias (A L) Co	*	4	4½
Mattell Inc Now listed NYSE			
Matthiessen & Hegler Zinc Co	20	15¾	16¾
Maul Bros Inc	25c	6⅜	6¾
Maust Coal & Coke	1	16¾	17¼
Maxam Inc	1	3⅞	4⅜
Maxson Electronics	3	6⅜	7¼
Maxwell Indus	10c	8½	9¼
Mayer (Oscar) & Co	10	42	44
Mayfair Industries	1	1⅝	2¼
Mayfair Markets	1	11⅜	12⅜
Mayfair Super Mkts	1	9/16	¾
Mayfield Engnerng	10c	n1½	1¾
McCandless Corp	*	2½	2⅞
McCloud Riv Lumb	25	107	115
McCord Corporation—$2.50 preferred	50	47	--
McCormick & Co	*	31	32½
McDonough Co com	*	30	--
5% preferred	25	20	--
McGill Mfg Co	50	21½	--
McGowen Glass Fib	1c	1⅜	1¾
McGraw (F H) & Co	2	1	1⅜
McGraw-Hill Publshng Class A	1	22½	24
$5.50 conv pfd	10	116½	--
McLean Industries—Class A	1c	4½	4¾
$3 preferred	5	43¾	44½
McLouth Steel Corp	2½	50¼	52⅞
McQuay Inc	1	15¾	17½
Mecanair Inc	*	⅛	½
Mechanex Corp	50c	3⅞	4⅜
Mechanical Handling Systems Inc	1	4½	5¼
Medallion Pictures	50c	10¾	11¾
Medex Inc	1c	¼	⅜
Medford Corp	2	52	--
Medtronics Inc	10c	3¾	4
Megadyne Elect'nics	10c	--	¼
Melpar Inc	1	12¼	13⅜
Melville Shoe Corp—4¾% pfd A	100	99	100½
Merchants Acceptance Class A common	*	38½	40
Merchants Fast Motor Lines	1	22⅜	22⅞
Mercury Photo—Class A	10c	¼	¾
Meredith Publishing	5	25	27
Meridian Electron's	10c	1¼	1⅝
Merry Bros Brick & Tile Co	2.50	6½	7½
Mersick Industries—Class A common	1	3	3¼
Mertronics Inc	10c	¾	1
Messenger Corp	1	13½	--
Met Food Corp	1	2⅛	2⅜
Met Sports Centers	1	2¼	2½
Metal Bellows	*	3	3⅜
Metalcraft Inc	10c	⅝	1
Metalfab Inc	1	5¾	6⅛
Metal Goods Corp	3.75	13½	15
Metal Hydrides Inc	5	10	10⅜
Metal Marking Industries Inc	25c	1	1¼
Metalphoto Corp	1c	1⅞	2⅛
Metallurgical Inter'l Class A	10c	½	¾
Metallurgical Resources Common	1c	30c	40c
Metatronics Mfg	5c	¾	1
Metcom Inc	50c	2⅜	2⅞
Metro Inc common	1	--	4
7% preferred	10	--	10
Metropolitan Playhouse Class B	*	17	20
Metro-Tel Corp	10c	½	¾
Mexican Eagle Oil—Ordinary	*	5c	9c
Meyer (Fred) Inc—Class A common	*	11¾	12¾
Meyer (George J) Mfg Co	5	39¼	40¼
Meyercord Co	5	8	9½
Miami Data Processing Center, Inc	10c	2¼	2¾
Miami Tile & Terrazzo	1	½	1
Miami Window Corp—Common	50c	½	11/16
70c conv preferred	8	2½	3¼
Michaels (J) Inc	1	5½	6
Michelin Rubber & Tire		215	240
Michigan Bakeries	1	2¾	3¼
5½% conv pfd	20	17	19
Mich Seamless Tube	5	17½	18½
Microdot Inc	*	6¾	7⅛
Micro Metals	10c	1c	10c
Micro Precision	20c	⅝	1
Microsonics Inc	*	¾	1½
Microton Industries	10c	33c	43c
Microwave Electron	10c	8	8⅝
Mid-State Raceway	1	7¾	9
Midas-International—Class A common	1	11⅞	12⅛
Midwest Rubber Reclaiming com	2.50	16¼	17
4½% preferred	50	45	--
Midwest Technical Development Corp	1	1¼	1½
Miehle-Goss-Dexter Inc	7.50	38½	39½
Mile High Kennel Club (Colo) cl A	1	4	4⅜
Miles-Samuelson	1	⅞	1⅜
Milgo Electronics	1	7½	8
Milgray Electronics	25c	4	4⅜
Miller Bros Hat	1	10⅛	11⅛
Miller Mfg Co	1	a7¾	8⅝
Miller & Rhoades—Common	20	30	--
4.75% preferred	100	96	--
Millipore Filter	1	35½	38¼
Milton Bradley Co	1	18¾	19¼
Mine Safety Appli	10	67	72
Miner Industries	1c	3⅛	3½
Minerals Engineering	1	⅜	5/8
Miniature Precision Bearing class A	2	4⅞	5¼
Minitone Elect'nics	10c	3/16	5/16
Minitronics class A	20c	⅛	⅜
Miracle Mart Inc	1	3	3⅜
Miss Elliette Inc	50c	1½	1¾
Miss Pat (Cal)	*	6¼	7⅛
Missile Components	*	⅜	¾
Missile Sites Inc	25c	1⅛	1⅜
Missile Systems	10c	4¼	4½
Missile-Tronics	10c	⅛	¼
Mississippi Glass Co	10	25½	27½
Mississippi River Transmission Corp	1	12	12¾

*Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Stocks—	Par	Bid	Ask
Mississippi Valley Barge Line Co	1	14½	15½
Missouri Research Laboratories Inc	10c	1⅝	1⅞
M I T E Corporation	1	4¼	4⅞
Mitron Research & Developm t Corp	10c	1⅝	2⅛
Mitsui & Co Ltd Amer deposit rcts		9	9¼
Rights		3	3¼
Mobilite Corp	50c	2¾	3⅛
Model Engineering & Mfg Corp	*	8½	9¼
Model Vending Inc	1	1⅛	1⅜
Modern Homes Const	*	5⅜	6⅜
Modern Materials	1	6	6¾
Mohawk Electronics	40c	20c	26c
Mohawk Liqueur	1	14½	16
Mohawk Rubber Co	1	26¼	28¼
Mohican Corp	1	3/16	5/16
Moki Oil & Rare Metals Co	5c	52c	65c
Molecular Systems	1c	2⅛	2⅝
Moloney Electric A	*	24	28
Monarch Electronics International	1	½	¾
Monarch Marking System Co	*	26¾	27¾
Monmouth Electric	25c	1¾	2
Monmouth Park Jockey Club common vtc	1c	12¾	13¾
Monroe Auto Equip	1	17⅝	18⅞
Montecatini Mining & Chemical Co— Italy (£1,000)		n3¼	3¾
Montgomery (H A)	5	8¼	9¼
Moog Servocontrols	1	12	13⅛
Moore (E R) Co	*	12¼	13¾
Moore Drop Forging	1	17½	19⅞
4¾% preferred	50	40	--
Moore-Handley Inc	1	10⅜	11¼
Moore Products Co	1	21	22¾
Morgan Engineering	1	12½	13½
Morningstar-Paisley	1	8½	9½
Morrison Cafeterias Consolidated com	*	28½	29¾
7% preferred	100	107	--
Morrison-Knudsen	10	30¼	30¾
Morse Shoe Inc	1	9⅜	10¼
Morton Foods	1.50	8⅝	9
Morton Mfg Corp	1	27	29⅜
Mosinee Paper Mills	10	45½	47
Mosler Safe Co	1	19⅞	21⅜
Motec Indus	1	18⅝	19⅞
Mother's Cookie	*	6½	7⅜
Motor Coils Mfg	50c	⅜	¾
Motor Mart Garage	1	5	--
Motor Parts Industries Class A	10c	2¾	3⅛
Mountain Electron	50c	2¼	2½
Mt Isa Mines Ltd— Amer deposit rcts		4¼	4⅝
Moxie Co	*	33c	40c
Multi-Amp Electron	10c	2⅝	3
Multnomah Co	*	4	5
Multnomah Kennel Club class A	1	4⅜	4¾
Murray Co of Texas Inc	2.50	31¼	31¾
Music Fair Enterprises Inc	50c	4⅝	5¼
M V T Industries	1	2¾	3¼
Myers Emporium (Australia) ord 5s		4¼	4¾
Amer dep rcts		n21	22
Nalco Chemical	1.25	55	58
Nalley's Inc	62½c	8⅜	9¼
Narda Microwave	10c	1⅞	2⅛
Narrow Fabric Co	3	9¼	10
Nashua Corp— Class A	1.66⅔	25	26
Nat'l Aeronautical	1	12¾	13¼
Nat'l Alfalfa Dehydratg & Milling 5% pfd	50	n45½	--
National Bagasse Products class A	1	3⅝	3⅞
Warrants		1½	1¾
Natl Brewing Co of Mich	1	2¾	--
National Chem & Mfg	1	a13	14½
National Cleaning Contractors Inc	1	16½	18
Nat'l Cleveland Corp	1	1⅛	1½
National Equipment Rental Ltd "wts"		4½	--
National Food Marketers Inc	1c	1	1½
Nat'l Food Products	1	17	17½
Nat'l Gas & Oil Corp	5	20½	22¼
Nat'l General Corp— Warrants		54c	61c
Nat'l Growth Corp	25c	⅛	⅜
National Homes Corp— Class A	50c	5⅝	6⅛
Class B	50c	5⅝	6⅛
National Hospital Supply Co Inc	10c	¼	¾
National Instrument Laboratories	10c	¾	1
Nat'l Licorice com	100	250	300
6% preferred	100	108	--
Nat'l Mercantile	10c	1¼	1⅝
National Musitime	1c	⅛	¼
Nat'l Nu-Grape Co	*	2⅜	--
National Patent Development Corp	1c	6⅝	7⅜
Nat'l Periodical Publications	1	8½	9¼
Nat'l Pool Equipment	1	1	1⅜
Nat'l Propane Corp— Common	1	17⅝	18⅞
5% conv 2nd pfd	25	46	--
National Resources	*	1½	2
Nat'l Screw & Mfg	1	33	34½
Nat'l Shoes Inc	1	6	6¾
National Tank Co	1	17⅝	18
Nat'l Tel-tronics	10c	⅝	⅞
Nat'l Telepik	1c	2½	2⅞
Nat'l Terminals Corp	5	17½	18¼
Nat'l Work-Clothes Rental	50c	9	9⅞
Nationwide Homes	50c	1¼	1¾
Natpac Inc	10c	4	4½
Naturizer Co Class A com	20c	⅞	1⅛
Navajo Freight Lines	1	9½	10½
Navigation Computer	*	5	5¾
Nazareth Cement	10	11	12½
Neb Consol Mills	10	32	--
Neiman-Marcus	2	14¾	16¼
4¼% preferred	100	89	--
Nekoosa-Edwards Paper Co	10	18⅞	20
Neptune Meter $2.40 preferred	50	48	--
Nesbitt (John J)	50c	17	18⅜
Networks Electr'ics	50c	3⅞	4¼
Neuhoff Bros Pk'g	10	26¾	27¼
Newark Electronics— Class A	2	4	4½
New Britain Mach	10	21¾	22½
New England Fish— Common Class B	*	150	--
Preferred	100	80	--
New Eng Laundries	*	8	13
New Hampshire Ball Bearings	2	9¾	11
New Hampshire Jockey Club vtc	*	37½	41
New Haven Board & Carton	10	4¼	4¾
New Jersey Alumin Extrusion class A	1	n3¼	3⅝
New Jersey Realty	1	16½	18½
New Medical Techniques Inc	*	7/16	¾
New York Airways	1	7⅛	7⅞
N Y Fruit Auction Class A	*	38	44
N Y Merchandise	10	20	--
N Y Trap Rock	*	12⅞	13¾
New Yorker Mag	10	105	110
Nicholson File	1	24	26
Nickel Rim Mines Ltd	1	12c	17c
Nielsen (A C)	1	52½	55⅜
Nissen Trampoline	1	3⅛	3⅜
Nixon-Baldwin Chemicals Inc	10c	3¾	4½
No-Sag Spring Co	2	17½	--
Nopco Chemical 4% pfd series A	100	82	--
Noranda Mines Ltd	*	34⅜	35⅜
Noranda Oil Corp	1	¼	⅜
Nord Business Machines Corp	10c	⅞	1⅛
Nortex Oil & Gas	1	3	3¼
$1.20 conv pfd	1	10	11
North & Judd Mfg	12½	16½	18
North American Contracting Corp	10c	n1⅛	3/16
North American Refractories Co	10	n13	13¾
North American Van Lines Inc	*	26½	27
North Amer Vending Mfg Corp	10c	n¾	1¼
North Central Airlines Inc	20c	4⅞	5⅛
North Central Co	1	12	13⅛
North European Oil	1	1	1⅛
North Hills Electric	1c	⅝	⅞
North Star Oil	10c	50c	60c
Northern Chemical Industries class B	*	2¼	2¾
North'n Engin'g Wks	1	8¼	9
Northern Instrument	1c	1	1½
Northwest Engineering Co class A	*	36¾	37¾
Northwest Nitro Chemicals Ltd	1c	1 9/16	1 11/16
Northwest Paper Co	5	32½	34
Northwest Plastics	2.50	6½	7¼
Northwest Production	1	1⅜	1⅝
Northwestern Glass	5	20	21½
Northwestern States Portland Cem't Co	*	45½	47
Norwalk Company	1	3½	3⅞
Noxzema Chemical Class B common	1	94	97
Nuclear-Chicago Corp	1	14⅛	15
Nuclear Data Inc	*	13½	14
Nuclear Materials & Equipment Corp	*	35½	37½
Nu-Era Corp	*	2/16	¾
Nucleonic Corp of America	10c	½	⅞
Nunn Bush Shoe	2.50	20	20¾
NuTone Inc	1	23¼	23¾
Nytronics Inc	1	5	5¾
O K Rubber Welders	10	6¾	7¼
Oakland Consol Corp	*	⅛	¼
Obear-Nester Glass	*	21½	22
Oberman Mfg com	1	1⅝	2⅛
5% conv pfd	10	4½	5½
Ocean Drilling & Exploration Co	1	18¾	19¼
Ocean Products	5	5	6
Ocean-Spray Cranberries Inc— Common	25	12	--
4% preferred	25	15	--
Oceanarium Inc	1	10	11¼
Oceanic Instruments	1c	5c	12c
Oceanics Inc	10c	1½	1⅞
Official Films Inc	10c	1/16	1 1/16
Oglebay Norton Co	1	21¼	22
Ohio Crankshaft	15	22	23¼
Ohio Leather Co	5	16	--
Oilgear Co	6.25	26½	28¾
Oil Inc (Nev)	1	1⅜	1¾
Oil Recovery Corp	1c	2¼	2¾
Oil Shale Corp	15c	3¼	3½
Oklahoma Cement	25c	12	12½
Okla Miss River Products Line Inc	1c	6⅞	7½
Old Ben Coal Corp	5	36	38⅜
Old Empire Inc	10c	¾	1
Oliver Tyrone Corp	10	20	--
Olivetti— Adrs for pref shares		5⅝	6
Olson Brothers	1	1⅛	1⅜
One-Hour Valet	1	1½	1¾
Onego Corp	1	⅛	⅜
Oneida Ltd com	12½	20½	22½
6% preferred	25	25½	--
Onondaga Pottery	*	43½	45½
Onyx Chemical Corp	*	26¼	28¼
Orbit Instrument	10c	2	2⅜
Ore-Ida Foods Inc	*	7¾	8
Oregon Metallurgical	1	1	1¼
Oregon Portland Cem— Class A common	*	19⅜	19¾
Originala, Inc	10c	6½	7⅜
Orkin Exterminating	*	23	24⅝
Ormont Drug & Chemical Co	3	1⅛	1½
Ortronix Inc	10c	1⅞	2¼
Osborn Mfg Co	5	31	33
Osrow Products	10c	2½	3¼
O'Sullivan Rubber— 5% preferred	20	15	16
Otarion Electron	10c	1/16	¼
Outdoor Developmt	15c	½	¾
Ovitron Corp	1c	2⅞	3⅜
Owl Drug Co	10c	⅝	⅞
Oxford Chemical— Class A common	25c	6⅜	7⅛
Oxy-Catalyst	*	9	10¼
Ozon Products	50c	15⅞	17½
Oz Publishing Corp	20c	¼	7/16
Ozark Air Lines	*	3⅜	3⅝
Ozite Corp	5	18	19
P & C Food Markets	5	13¼	14½
PEC Israel Economic Corp	25	18¼	18¾
P & F Industries	20c	3⅛	3½
P-G Products Mfg	50c	2⅜	2⅞
P & H Tube Corp	1	2⅜	2¾
Warrants		25c	50c
Pabst Brewing Co	*	22¼	23⅝
Pacific Air Lines	50c	3⅜	4
Pac Airmotive Corp		3½	4⅛
Pacific Car & Fdy	20	96½	--
Pacific Far East Line Common	5	16½	17¼
5¼% conv 1st pfd	25	n21	--
Pacific Gamble Robinson	5	12⅝	13¾
Pacific Mercury Electronics cl A	50c	8⅛	9¾
Pacific Nutrient & Chemical Co	10c	1	1⅜
Pacific Outdoor Adv	5	10¼	11½
Pacific Southwest Airlines	*	31	32⅞
Pacific Vegetable Oil Corp	5	15½	16¾
Package Machinery	10	13⅛	13½
Packard Instrument	*	12	13⅜
Pak-Well Paper Industries class A	*	11¼	11¾
Pakco Cos Inc	1c	4¼	4⅝
Pako Corporation	2.50	14½	15
Palace Corp	1	⅜	½
Palm Developers Ltd— Ordinary	1s	½	¾
Palomar Mortgage	1	6⅜	7
Pan-Alaska Fisheries	50c	1¾	2¼
Panacolor Inc	20c	7⅞	8⅛
Pan Amer Resources	5c	3⅛	3½
Panoil Co	10c	35c	40c
Pantepec Oil Co— American shares		30c	35c
Pantex Mfg Co— Common	12½c	7c	--
Papert, Koenig, Lois— Class A	30c	9⅛	9½
Para Industries	10c	½	1
Paradynamics Inc	1c	1⅞	2⅛
Paramount Foam Industries	10c	1½	1⅞
Paramount Motors	1	50	--
Pargas Inc	1	18⅛	18⅝
Park Lexington	10	180	190
Parker (A-J) Co	*	1¼	1½
Parker-Hannifin	*	28	28½
Parker Petroleum— Common	10c	¼	⅝
Parkview Drugs	1	14¼	15⅜
Paterson Parchment Paper Co	10	14	14¾
Pathe Equip cl A	75c	4⅝	5⅛
Patino Mines & Enterprises Cons— American shares	1	3	--
Patrician Paper Co	10c	3	3½
Patterson (M F) Dental Supply Co of Del	*	8¼	8⅝
Pauley Petroleum	1	17½	18⅞
Paulsboro Chemical Industries com	1	⅜	¾
6% ser A pfd	5	½	⅞
Pavelle Corp	10c	2¾	3
Pearce Simpson Inc	50c	1½	1⅞
Pearl Brewing	1	26¼	26¾
Pearson Corp	25c	2	2½
Peachiney Co	5000f	40½	42
Peerless Tube Co	2	8¾	9¾
Pell Pharmaceut's	5c	½	⅞
Pend Oreille Mines & Metals Co	1	1¾	2
Penguin Books Ltd— Ordinary 4s	*	1.95	2.15
Penn-Akron Corp	5c	7/16	9/16
Penn Anthracite Collieries units		n9	13
Penn Controls	2.50	26	27
Penn Dairies class A		3¼	3¾
Penn Engin'ing Corp	*	12	13½
Pennsyl Industrial Chemical Corp	10	40	--
Penobscot Chemical Fibre Co	1	9⅜	10⅜
Pepsi-Cola Bottling Co of Wash D C	10c	4½	5¾
Pepsi-Cola General Bottlers Inc	1	12¼	12⅝
Pepsi-Cola United Bottlers Inc	1	6¼	6⅞
Perfect Fit Industries class A	10c	½	¾
Perfect-Line Mfg	10c	½	⅞
Perini Corporation	1	3⅝	4⅛
Perini Electronics	1	2¾	3¼
Permanent Filter	*	1⅜	1⅝
Permeator Corp	10c	13¼	13¾
Perrine Industries— Class A common	1	¼	½
Personal Property Leasing Co	1	7⅞	8⅝
Peter Paul Inc	*	34	36⅜
Peterson Electronic Die Co Inc	20c	1⅜	1⅝
Peterson, Howell & Heather class A	*	28	29½
Petroleum Explor	10	n68	72
Petrolite Corp	*	28⅝	29⅛
Pettibone Mulliken	20	24	26¼
Pextile Corp of Amer	1	70c	80c
Phila Bourse	50	53	--
Philadelphia Labs	*	3¼	4

* Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend v Ex-stock dividend.

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INDUSTRIAL AND MISCELLANEOUS STOCKS

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Stocks— Par	Bid	Ask
Philips Gloeilampen Fabrieken N Y shares (25 florins)_	42¼	44½
Photographic Assistance Corp__20c	⅛	¼
Photo-Marker Corp_50c	3	3½
Photon Inc _____1	10⅜	11¼
Photronics Corp___10c	⅞	1 1/16
Physio-Chem Corp__1c	7/16	11/16
Pickering Lumber__3.75	9	9⅞
Pickwick Internat'l__1c	6	6⅜
Pickwick Organiz__10c	3¼	3⅝
Pictorial Product'ns 20c	1⅝	2
Piedmont Aviation___1	3¾	4
Pierce & Stevens Chemical Corp_____2	11	12¼
Pinnacle Explorat'n 10c	1	1⅛
Pioneer Aerodynamics Systems _____10c	3⅞	4¼
Pioneer Astro Industris Inc_____*	2⅝	3⅛
Pioneer Metals_____10c	4¾	5
Pioneer Texas Corp____	2	2½
Pir-O-Wood Indus__10c	2	--
Pirelli Co of Italy— Amer dep rcts_____	8⅛	8⅝
Pittsburgh Reflector— Class B _____5	7	--
Pittsburgh Standard Conduit Co_____5	4¼	5¼
Placer Development__*	22⅛	23⅛
Plastic Applicators___1	2¼	2⅝
Plastic Wire & Cable_5	24½	26
Plasticrete Corp_____1	8¼	8⅝
Plastiline Inc_____10c	1¼	1⅝
Plastoid Corp of America _____1c	1	1⅛
Plated Wires & Elec_10c	1½	2½
Platt Corp cl A____50c	a⅛	½
Playskool Mfg Co_____1	16¼	17½
Plymouth Cordage___25	81½	85½
Plymouth Rubber com 5	6¼	7⅜
Class B_____5	5¼	6
PneumoDynamics ____1	10⅛	11⅛
Pocket Books Inc__50c	4⅞	5⅜
Polaroid Corp 5% 1st preferred__50	a--	--
$2.50 2nd preferred_5	a--	--
Poly Repro Int'l Ltd_5c	2¼	3
Poly-Seal Corp____10c	⅝	⅞
Polymetric Devices_10c	2	2¼
Polytronics Labs— Class A _____10c	1½	1⅞
Pope & Talbot com___5	22½	23¼
6% preferred _____5	5	—
Popell (L F) Co____10c	3	3½
Popular Library_____1	2¼	2½
Porce-Alume Co____10c	--	⅝
Porce-Cote Research & Dev class A___10c	½	1
Port Huron Sulphite & Paper Co_____1	80	90
Portable Elec Tools__1	9¼	9¾
Porter (H K) Co (Del) Common _____1	34	35½
4¼% preferred__100	97	100
Potash Co of Amer___5	26	27¾
Potlatch Forests_____1	32½	34
Potter Instrument__25c	5⅝	6½
Powdrell & Alexander _____2.50	14½	--
Power Designs_____10c	⅞	1⅛
Power Indus Prod— Class A com_____10c	3	3⅜
Precision Apparatus _1	½	11/16
Precision Automotive Components Co____1	5¼	6
Precision Instruments_*	7¾	8¼
Precision Special___10c	⅛	⅜
Precis Transformer_20c	8c	13c
Preco Industries_____5c	⅜	¾
Premier Albums____25c	6⅜	7
Premier Corp of America _____10c	1⅝	2
Premier Industrial___1	18⅜	19¾
Premier Microwave___1	2⅛	2⅝
President Brand Gold Mg "ADRS"_5s	12⅝	13
President Steyn Gold Mining Co Ltd____5c	3½	4¼
Prevor-Mayrsohn___10c	n1⅜	--
Preway Inc_____5	4⅜	5
Prince Gardner_____10	22	24
Printing Corp of America _____1	11⅜	12¼
Procter & Gamble Co— 8% preferred____100	185	--
Producers Cotton Oil Co _____1	16	16⅜
Producing Properties Common _____10c	7	7⅛
6% preferred_____25	29¾	--
Products Research___2	6⅝	7⅜
Professional Golf___50c	7⅜	8⅛
Progress Webster Electronics Corp___1	2⅞	3⅛
Progressitron Corp_10c	½	1
Prom Motor Hotel— Class A _____*	9½	9¾
Prosper-Way Inc __10c	⅛	½
Prufcoat Labs Inc____1	11¼	11¾
Pubco Petroleum_____1	8	8¼
Publishers Co_____40c	3½	4⅛
Pueblo Supermarkets_ Class A common___*	36½	37½
Puerto Rico Brewing_*	5¾	6⅛
Punta Alegre Sugar__1	11⅛	12
Purepac Corp_____5c	⅝	¾
Purex Corp Ltd_____1	32½	34½
Puritan Fashions_____1	8¾	9¼
Purity Stores Ltd____1	14¼	15
Pyle National 8% preferred ___100	123	--
Pyroil Co Inc_____1	6	6½
Pyrometer Co of America _____50c	⅛	⅜
Q-Line Instrument _1c	3	4½
Quik-Chek Electronics & Photo Corp_____1	3¼	3⅝
Quincy Market Cold Storage & Whse___50	53	56
Quinta Corp _____5c	1.35	1.43
R C Can Company____1	30¾	31¾
Rabin-Winters Corp __*	2	2⅜
Radar Design _____1	1¼	1½
Radiant Lamp Corp— Class A_____10c	2⅝	3⅛
Radiation Dynamics__1	31½	35
Radio Frequency _____1	⅞	¼
Radio Shack Corp____1	1⅞	2¼
Ragen Precision Industries Inc ___25c	2¾	3⅛
Rainbow Photo Industries, Inc __25c	1½	1⅞
Rajac Industries____10c	⅞	1¼
Ram Tool Corp__3⅓c	1⅝	1⅞
Ramada Inns Inc__10c	8⅛	8⅜
Ramcor Inc _____1	1	1⅜
Ranchers Exploration & Develop_____10c	4¾	5⅛
Rand Development___5c	3⅞	4⅜
Randall Graphite Bearings Inc_____1	3	--
Rank Organization "A" Amer dep rcts__	7.15	7.35
Ranney Refriger___2.50	2	3½
Rantec Corp_____*	a12⅞	13¼
RAP Industries _____1	4⅜	4¾
Rapid Film Technique Inc____10c	n 9/16	--
Rare Metals Corp of America _____1	⅞	1⅛
Raritan Plastics Class A com ____10c	1¾	2¼
Raychem Corp _____*	27¼	28
Raymond Engineering Laboratory Inc_____1	4	5
Reading & Bates Offshore Drilling— Common _____20c	5⅝	5⅞
Class A conv_____*	23¾	25⅝
Realsite Inc _____10c	2c	10c
Realtone Electr'nics 10c	1⅞	2⅛
Reardon Co_____1	7	--
Record Vending Mach Name changed to Owl Drug Co		
Red Kap Inc_____5	18⅝	19⅛
Redman Mfg & Engineering _____1	3	3¼
Red-O-Lier Corp— Class A com_____10c	7¼	8
Red Rope Stationery Industries _____10c	2⅜	2⅝
Redwing Carriers __1.25	13¼	13⅝
Reece Corp_____	32½	33½
Regal-Meadows ____25c	n1¼	1⅝
Rego Industries ___10c	⅞	1⅛
Reheis Co class A___1	13¼	14⅝
Reher Simmons Research Inc _____*	4¼	4¾
Rek-O-Kut Co Inc__25c	5c	12c
Remco Industries __50c	14½	15¾
Remington Corp_____1	1½	1¾
Renaire Foods Inc___1	1⅞	2¼
Renmar Corp _____50c	¼	⅝
Renner Inc _____50c	⅛	--
Renwell Industries__1c	48	49½
Reon Resistor_____1c	⅛	⅜
Republic Electronics Industries_____10c	½	¾
Republic Graphics__10c	¼	¾
Republic Supply Co of Calif_____10	10¼	11½
Rese Engineering_____1	3/16	⅜
Research Specialties__1	7¾	8¾
Reser's Fine Foods__25c	⅛	¼
Resiflex Laboratory___1	9¾	10¾
Resistance Welder____1	1¾	2⅛
Resisto Chemical ____*	5/16	½
Resitron Labs Ltd__25c	⅛	⅜
Resource Ventures____1	2c	6c
Revere Racing Assn__*	8¼	9
Rexach Construction__1	8¼	8¾
Reynolds & Reynolds— Class A common__10	43¾	46⅜
Rhine Westphalia Electric Pow "Adrs"..	76	77
Rhodes (M H) Inc___1	1½	1⅞
Rhodesia Broken Hill Develop Co Ltd— English shares _____	50c	60c
Rhodesian Anglo-Amer Amer deposit rcts___	8⅞	9⅜
Rich Ice Cream Co___*	40	--
Richards Aircraft Supply Co _____10c	⅝	⅞
Richardson Co___12.50	28	28⅜
Richmond Cedar Works _____1.25	5½	6½
Richmond Homes____1	6¼	6¾
Rich's Inc com_____*	40¼	41
3¾% preferred__100	90	--
Riddle Airlines_____10c	39c	43c
Ridge Tool class A___*	36½	36⅞
Riegel Textile Corp— Common _____5	26	27½
$4 pfd series A____*	83	87
Rieke Metal Prod____5	31	--
Riley-Stoker Corp____3	34½	37⅛
Rimrock Tidelands_80c	3½	3⅞
Ripley Co Inc_____50c	7	7½
Ripley Industries & Jomar Plastics— "Units" _____	5½	6
Risdon Mfg _____10	41½	43½
River Brand Rice Mills _____3½	24¼	26
Rixon Electronics__25c	2¾	3¼
Roadway Express____*	26	28
Roanwell Corp _____1	3	3½
Robbins & Myers____*	56	60
$1.50 partic pfd____*	25	27
Roberts & Porter_____1	8½	9
Roberts Co (N C)____1	4	4¼
Roberts Co (Calif)___1	9⅞	10¾
Roberts Lumber __2.50	8¾	9¼
Robertson (H H)____1	45¼	46¼
Robins (A H) Co Inc_1	39¾	40¼
Robins Industries __10c	¾	1
Roblin-Seaway Industres class A_10c	1 1/16	1 1/16
Robosonics Inc_____25c	⅞	1⅛
Rochester & Pittsburgh Coal common____*	35	37
5% non-cum pfd_100	60	--
Rochester Button Co_1	17	18
Rock of Ages Corp___*	16¾	17½
Rocket Jet Engineering Corp_75c	5⅝	6⅜
Rocket Power, Inc___1	3	3⅜
Rocket Research_____*	1¼	1½
Rockower Bros_____30c	3⅞	4⅜
Rockwell Mfg Co__2.50	27⅜	29
Rockwood & Co com_*	95	--
5% series A pfd_100	80	--
Rodale Electronics__50c	½	1
Roddy Recreation Products _____1	3¾	4⅜
Rogers (John) Co____1	10⅝	11⅛
Rondout Corp_____10c	¼	⅝
Roper Industries_____5	18½	19½
Rorer (Wm H)____8⅓c	39¾	42
Rose Marie Reid_____1	3⅜	4
Ross Gear & Tool___10	22½	23¼
Rotating Components 1c	1⅜	1¾
Rothmoor Corp____40c	3¾	4¼
Roto American Corp_1	2¾	3⅛
Roto Cylinders_____10c	2½	3¼
Rotron Mfg Co_____5c	15¼	16¾
Rowan Controller__2.50	6	6¾
Rowe Furniture Corp_1	12⅞	13⅞
Royal Dutch Petrol— New York shs (33⅓ florins) _____	78	81½
Royal Industries ____1	3⅞	4⅜
Royal Land & Dev— Class A_____10c	1	1⅛
Royal McBee Corp— 4½% pfd series__100	61	67
Rucker & Co_____*	9½	10¾
Rudd-Melikian _____1	3⅜	4
Russell Mfg Co_____*	17	19
Russell Mills Inc_____1	11¾	12¼
Russell Reinforced Plastics Corp cl A__1	¼	7/16
Class B _____5c	¼	7/16
Russell Stover Candies Inc_____1	35	35¾
Rust Craft Greeting Cards Inc _____1	14⅝	15⅞
S & P Nat'l Corp— Common_____1	45c	60c
Class A_____	6	8
S. O. S. Photo-Cine-Optics _____1c	¼	½
Sachar Properties____10	⅛	⅜
Saco Lowell Shops_2.50	30	32
Sacol Inc cl A com_10c	5½	7
Safeguard Corp ____50c	2¼	2⅝
Safran Printing ___1	16⅛	16⅝
Safticraft Corp ____10c	⅛	1/16
Safway Steel Prod____2	7¼	8
Sagamore Mfg _____10	--	10
Sage International ___1	4⅞	5⅜
St Clair Specialty Manufactur'g Co_50c	6⅜	6⅞
Saint Gobain "ADRS" Coupon shares _____	6¼	6¾
St John Del Rey Mining Co Ltd____£1	62	66
St Johnsbury Trucking 1	3¼	4
St Louis Shipbuilding- Federal Barge ____1	15¾	17
St Lou Steel Casting_5c	8⅝	9
St Paul Ammonia Products Inc____2½c	6⅝	7
Saladmaster Corp__50c	3	3½
Salant & Salant cl A_5	4⅜	4¾
Salro Mfg Corp____10c	19¼	20
Sampson-Miller Associated Cos_____1	n⅜	¾
Sams (H W) & Co___1	n3½	--
San Fran & Oakland Helicopters Air__10c	28	29
San Jacinto Petrol ___1	9⅜	10⅜
San Juan Racing Assn common__50c	7½	8⅝
Voting trust ctfs____	2 1/16	2¼
Sanborn Map Co_____5	2	2⅛
Sanders Associates— Class A common___1	3⅝	4⅛
Sandura Co common_5c	35½	37⅝
60c conv pfd_____7½	8¼	9
Sanitary Paper Mills__*	8½	9¼
Santa Fe Drilling_____1	3¼	3⅝
Sargent & Co_____15	22¼	24⅛
Sav-A-Stop Inc_____10c	25½	28
Savannah Sug Ref_25c	9⅛	9⅝
Savin Business Machines Corp ___10c	35½	37
Sawhill Tubular Prod_*	10¾	12
Saxton Products_____1	12¼	13⅜
Scam Instrument_____*	1¼	1⅝
Scantlin Electronics 10c	1⅜	1¾
Scenic Oils Ltd_____*	12¼	13¼
Schaevitz Engineering Class A common_10c	¼	½
Scheib (Earl) Inc____1	3½	4¼
Schenuit Rubber— Class A common___*	9¼	9⅝
Scherer-Tumico Inc__2	6⅛	6½
Schield Bantam Co___5	1½	2
Schjeldahl (G T)_____1	a6¾	7⅝
Schlitz (Joseph) Brewing _____15	8¼	9⅜
Schluderberg-Kurdle_____2.50	41¼	41¾
Schmieg Industries ___1	25	27
Scholz Homes Inc____1	⅝	⅞
School Pictures_____2	1¼	1½
Schultz Sav-O-Stores _1	8	8⅜
Science Research Associates Inc _____*	5¼	5¾
Scientific-Atlanta __50c	27	28
Scientific Computrs_10c	10¼	11
Scientific-Industries_5c	5⅝	5⅞
Scope Inc_____1	1¾	2
Scot Lad Foods Inc__1	8¾	9¼
Scot's Discount Enterprises _____10c	24¾	26¾
Scott Aviation Corp__1	--	10c
Scott & Fetzer_____5	10¾	12
Scott, Foresman & Co *	32½	34¾
Scott-Mattson Farms Inc_____1	26⅛	27¾
Scott (O M) & Sons— Class A common_100	3¾	4¾
Scott & Williams_____5	9¾	10⅝
Scripps-Howard Broadcasting Corp_1	14⅞	16⅛
	22½	23⅞

* Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New Stock. x Ex-dividend. y Ex-stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Stocks— Par	Bid	Ask
Scripto Inc—		
Class A common 50c	8⅜	9
Scrivner-Stevens 10	9⅝	10
Scruggs-Vandervoort		
Barney com 1.25	15⅞	17⅛
$4.50 pfd series A *	95	98
Seabd Electronics 10c	2¾	3¼
Seaboard Homes 10c	--	½
Seaboard World		
Airlines 5 year wts	3½	4
10 year warrants	4	5
Seacrest Industries 1c	7/16	9/16
Sealed Air Corp 1	2½	3¼
Sealed Power Corp 10	35	35¾
Sea Pak Corp 1	7⅜	7⅞
Searle (G D) & Co 2	139¾	143½
Seatrain Lines 4	4⅛	4¾
Sea-Wide Indus 10c	⅜	⅝
Security-Columbian		
Banknote Co 2	7⅞	8½
See's Candy Shops *	13⅜	13¾
Seiberling Rubber		
5% preferred A 100	57	61
4½% prior pfd 100	59	--
Seismograph Service 1	25½	27½
Sel-Rex Corp 1	13	14⅜
Selas Corp of Amer 1	5¾	6¼
Selmer (H & A) Inc 1	21½	23
Seminole Oil & Gas 5c	1/16	⅛
Seneca Falls Mach 1	1 1/16	1 1/16
Seneca Oil class A 50c	1⅝	1⅞
Service Photo		
Industries class A 1c	⅛	¼
Servonic Instrumts *	a10½	11⅜
Sessions Clock Co—		
Common class A 1	1½	1¾
Seven J Stock Farm 1	⅞	1¼
721 Corporation 1	19	--
Seven-Up Bottling Co		
(St Louis) 1	10¾	11½
Sexton (John) & Co *	25¼	27¼
Shakespeare Co 5	19¾	20¼
Shaler Co *	16½	17½
Shatterproof Glass 50c	14¾	16
Shaw-Barton Inc 2.50	9¾	10½
Shell Oil Co of		
Canada class A *	14¾	15¼
Shell Transp & Tr—		
Ordinary registered	n5⅞	6
Shelley Mfg Co 10c	5¾	6¼
Shenk Industries 10c	1⅜	1¾
Shepard Niles Crane		
& Hoist Corp 5	17½	19⅜
Sheperd Electronic		
Industries Inc 10c	n¼	½
Sheraton Corp—		
$10 warrants	1¾	2¼
$25 warrants	1	1¼
Sherer Gillett com 1	3½	4½
Class A *	36	--
Sherry-Netherlands		
Trust certificates	8½	--
Shieldtron Inc 1	½	¾
Shin Mitsubishi		
Amer dep rcts	24	--
Shinn Industries 10c	⅞	1⅛
Shop Rite Foods 5	28⅛	28½
Shore-Calnevar *	2¼	2¾
Shulton Inc—		
Class A common 50c	40¾	43½
Class B common 50c	40¾	43½
Shwayder Bros 1	48	--
Siegel (Henry I)—		
Class A 1	29	29½
Siemens & Halske		
Amer deposits rcts	71½	72¼
Sierra Electric Corp 1	7¼	8
Sightmaster Corp 5c	8c	12c
Sigma Instruments 1	12¼	13⅞
Signode Steel Strapping		
5% preferred 50	48	--
Silo Discount		
Centers Inc 1	2¼	2⅞
Siltronics Inc 10c	--	5¾
Silver Buckle Mining		
Co 10c	20c	35c
Simmonds Precision		
Products Inc 1	5¼	5¾
Simon (Wm) Brewery 1	½	¾
Simon Hardware *	3	3¼
Simplex Lock Corp 1	5¾	6½
Simplex Paper 1	10	10¾
Simplex Wire & Cable *	10⅛	11
Simplicity Mfg Co—		
Class A common 1	22	23⅝
Simulatics Corp 1c	1⅛	1⅜
Sioux Oil Co 5c	62c	66c
Sivyer Steel Castings *	9	9¾
Sjostrom Automations		
Class A 10c	1½	2
Skiatron Electronics		
& Television 10c	3	3½
Skil Corporation 2	21¾	23¼
Slater Electric Inc—		
Class A 20c	2⅜	2⅝
Smilen Food Stores—		
Common 1	1¼	1⅝
Units	3	4
Smith Industries		
International Inc *	5⅞	6⅝
Smith's Transfer		
Corp of Staunton 2.50	11	12
Smucker (J M) Co *	36¼	37
Smyth Mfg Co 5	17½	19
Snap-on-Tools Corp 1	21	21¾
Snia Viscosa "adrs"	8⅛	8½
Snyder Corp 1	5¾	6½
Solite Products 1c	⅝	1
Solitron Devices 5c	9½	9⅞
Sommers Drug Stores 1	7	7¾
50c conv preferred 5	7	--
Sonar Radio Corp 10c	3⅞	4⅜
Sonex Inc 25c	n1½	2
Sonoco Products 5	39½	40½
Sonoma Quicksilver		
Mines Inc 10c	5c	8c
Sony Corporation		
Amer deposit shares	11¼	11¾
Sorg Paper Co com 5	12	13⅛
5½% preferred 100	88	--
Soroban Engineering—		
Class A common 1	6½	7
SoundScriber Corp 4	11¾	12½
South Chester Tube	n167	--
South Shore Oil &		
Development 10c	32	35
Southbridge Plastic		
Products class A 1	6	6⅜
Southdown Inc 2.50	33¾	35⅞
S'eastern Gen'l 10c	1¼	1⅝
Southeastern Propane		
Gas Co 10c	13	14
Southern Airways 3	5⅝	6
Southern Bakeries 7	4⅛	4¾
Southern Calif Petrolm		
6% conv pfd 25	26½	--
Southern Chemical		
Cotton Co	8¾	9¼
Southern Diversified		
Industries Inc 10c	½	⅞
Southern Industries *	14¼	15¼
Southern Nitrogen 10c	19¾	21¼
Southern Pipe Line 1	5½	5⅞
Southern Spring Bed *	17	18
Southern States Oil 1c	2⅝	3
Southern United 1	1 1/16	2
Southland Corp *	79	--
Southland Paper Mills *	137	--
Southland Racing 50c	3⅞	4⅛
Southport Commerc'l 1	16½	17⅜
Southwest Airmotive 1	3	3¼
Southwest Forest		
Industries 1	6¾	7
Southwest Realty &		
Development Co 20c	1 1/16	1¼
Southwestern Drug 1	16¾	17¾
$5 1st preferred *	n92½	--
Sovereign Resources 4c	9/16	11/16
Space Age Materials 10c	2½	2¾
Space Research and		
Developm't Corp 50c	7/16	9/16
Space-Tone Electro 10c	n1/16	¼
Spaceonics Inc *	⅛	⅜
Spandex Corp 10c	1½	2
Spartan Aircraft 3	2½	3
Spartan Mills 10	n32½	--
Special Metals 2	10	10¾
Specialty Converters 1c	1⅞	2⅛
Specialty Electronics		
Developm't (N Y) 4c	¾	⅞
Spector Freight System		
Inc class A com 1	9⅛	9⅞
Spectron class A 10c	n¼	½
Speedee Mart Inc *	6½	7⅜
Speed-Way Food Sts 1c	¾	1
Spellman Engineerg 10c	⅜	⅝
Spencer Gifts Inc 25c	7¾	8¼
Spiegel Farms 1	2	2¼
Spiral Metal Co 10c	6⅛	6½
Spotless Co 1	10	13
Sprague Electric 2½	57	58
Sprague Engineering 1	a7	7¾
Sta-Rite Products 2	26½	28½
Staff Business & Data		
Aids Inc 10c	3	4
Stainless Steel		
Products Inc 1	12¼	13⅜
Staley (A E) Mfg Co—		
$3.75 preferred *	88	--
Stancil-Hoffman Cp *	¼	½
Standard & Poor's 1	23⅝	25¼
Standard & Shell		
Homes Corp 25c	14c	20c
Standard Aircraft		
Equipment Co 50c	2¾	3¼
Standard Beryllium 1c	2¾	3⅛
Standard Commercial		
Tobacco Co 1	4½	5½
Standard-Coosa-		
Thatcher Co 10	16¼	17½
Standard Fruit & SS		
Common 2.50	14⅜	15½
$3 partic pref *	79	83½
Standard Gilsonite 10c	22c	26c
Standard Industries 75c	2½	2¾
Stand Instru cl A 20c	1⅜	1⅝
Standard Magnesium		
& Chemical Co 10c	5⅛	5½
Standard Milling—		
Class A n-v 1	3¼	3¾
Class B voting 1	3¼	3¾
Standard Register 1	24⅞	26⅝
Standard Screw Co 20	31½	34
Standard-Thompson—		
5½% conv pfd 12.50	9¼	9¾
Standard-Toch		
Industries 1c	⅛	¼
Stange (Wm J) Co 1	16	--
Stanley Home Prod—		
Common non-vot 5	41½	45⅜
Stanley Industries 10c	1⅛	1½
Stanley Works 10	21½	22⅞
Star Market Co 1	19½	20
Star Tank & Boat 1	8⅝	9
State Exploration 1	6	7¼
Statmaster Corp 10c	¾	1
Steadman Industries		
Ltd *	⅞	1⅛
Steak n Shake Inc		
(Delaware) 50c	6½	7¼
Steel Co (Wales)—		
Amer dep rcts	3	3⅜
Steel Crest Homes *	4¾	5¼
Warrants	4½	5½
Steel Improvement		
& Forge Co 1	4	4⅜
Steep Rock Iron Min 1	3⅞	4½
Stein Hall & Co 66⅔c	17⅛	17⅝
Sterling Electronics 50c	2⅜	2¾
Sterling Extruder 10c	1¾	2⅛
Sterling Oil of Okla 10c	⅞	1
Sterling Precision		
5% conv A pfd 5	4	--
5% conv C pfd 10	7	8
Sterling Seal Co 1	6¾	7½
Sterling Sugars *	1¾	2
Stern & Stern Textiles 1	8	9
Sternco Industries—		
Class A 10c	10¾	11¼
Stetson (J B)		
8% preferred 25	35	--
Stevens Markets—		
Class A common 1	3¼	4
5.90% conv pfd 25	14½	16
Stewarts & Lloyds Ltd		
Amer dep rcts	5	5⅝
Still-Man Mfg Corp—		
Class A 75c	9	9½
Stinnes (Hugo) Corp 5	39	42¼
Stocker & Yale *	3½	4
Stockton Whatley		
Davin & Co 4	10¼	11
Stonega Coke & Coal 15	10¼	11¼
Stowe-Woodward Inc 5	8⅛	9
Strategic Materials 1	3	3¼
Stratford Corp 10c	1¼	1⅝
Stratoflex Inc 2.50	13¾	14¼
Strawb'ge & Clothier 5	24¼	24¾
$5 preferred 100	105	--
Straza Industries 1	6¼	7⅛
Strolee of Calif *	4¾	5¼
Strouse Inc 5c	2¼	3
Struthers Scientific &		
Internat'l cl A 10c	3⅞	4¼
Struthers Wells—		
$1.25 preferred *	15	16
Stubnitz Greene Corp 1	5¾	6⅜
Studebaker Corp—		
$5 conv pfd 100	235	245
Sullivan County		
Harness Rac cl A 1	2½	2¾
Class B 1	54c	60c
Sulray Inc 10c	1⅛	1½
Summers (John) &		
Sons Ltd "Adrs"	3⅞	4⅜
Summit Industries 1	4	5
Sun Drug Co 1	2½	3
Sunbury Milk Prods 5	45½	47½
Sunset Color Labs 1c	¼	¾
Sunset House		
Distributing Corp 1	16¼	16¾
Sunshine Consol 25c	70c	80c
Sunshine Park Racing		
Assn 5c	n1⅝	1⅞
Super Food Serv Inc 1c	6	6½
Super Market		
Distributors Inc 1	2½	2¾
Super Mold Corp 5	20½	22
Super Valu Stores 1⅔	29⅝	30⅛
Superior Cable Corp 1	7⅞	8¼
Superior Electric 1	12	13⅜
Superior Industries 10c	2⅛	2⅜
Superior Manufac'g &		
Instrument Corp 50c	2¾	3½
Superpak Vending *	6½	7¼
Susan Crane		
Packaging Inc *	6½	6¾
Sutter Basin Corp *	100	125
Suval Industries 50c	1¾	2
Swan Finch Oil 5	5/16	7/16
Swank Inc 1	23⅜	23⅞
Swedish Ball Bearing—		
Class B 4	86	88
Swift Homes Inc *	3¼	3¾
Swimming Pool Devel 1	⅞	1⅛
Swiss Chalet common *	4	4½
70c 1st preferred 9	9¾	10¼
Symington Wayne		
Warrants	7⅞	8⅜
Syracuse Supply 8	11	12
Systems Inc 2	1⅜	1¾
Systron-Donner Corp *	11¾	12¾
Szabo Food Service 1	5⅛	5⅞
5% conv pfd 10	8½	9½
T-Bowl Internat'l 50c	n⅛	¼
T. I. M. E. Freight 2	23	25¼
Taddeo Construction		
& Leasing Corp 10c	¾	1
Taffet Electronics 10c	1⅛	1½
Tally Corp 1	25½	27
Warrants	19	21
Tamar Electronics		
Industries Inc 25c	9¼	10
Tampax Inc 1	69¼	72¾
Tang Industries 10c	⅛	½
Tanganyika Concess'ns		
Amer deposit rcts	2	2⅜
Tappan Company 5	29½	31⅝
Tassette Inc cl A 10c	2⅛	2½
Tasty Baking Co—		
Class A common 50c	18¾	20⅛
Taylor-Colquitt Co 5	16	17½
Taylor Corporation 3	3¾	4⅜
Taylor Devices 25c	2¾	3¼
Taylor Instrument 5	38½	41¼
Taylor International 5	3/16	3/8
Taylor Publishing 1	11⅜	11¾
Taylor Wine Co 2	17¾	18¼
Tech-Aerof'm Prod 10c	2⅜	2¾
Tech Laboratories 10c	1¾	2½
Tech-Ohm Elecronic 10c	¾	1⅛
Techbuilt Homes 10c	½	¾
Techmation Corp 1c	1½	1¾
Techni Electronics 10c	⅝	1
Technical Animations—		
Class A 10c	⅝	1
Class B 10c	⅝	1
Technical Information		
Systems & Service 1	⅛	½
Technical Measure't 20c	8¾	9⅝
Technicolor Ltd 5s	2⅝	3
Technifoam Corp 10c	½	⅞
Technograph Printed		
Electronics 40c	2⅛	2½
Techno-Vending cl A 1c	15c	--
Teco Inc (Ill) 10	130	140
Tecumseh Products 1	64	68½
Tejon Ranch (Calif) 1	25¼	26¼
Tekoil Corp 1	1¼	1¾
Tele-Film Electronics		
Engineering Corp 10c	10c	25c
Telecomputing Corp 1	1⅞	2¼
Telecredit Inc 1c	3⅜	3¾
Teledyne Inc 1	26¼	28¼
Teleflex Ltd *	15	16¼
Telefones De Mexico		
see Page 63		
Telescript-CSP 1c	--	2½
Telex Inc 1	6½	6¾
Temperature		
Engineering Corp 25c	⅜	1⅛
Templet Industries 25c	1¼	1⅝
Tenax Inc 10c	1c	4c
Tenney Corp class A 1	1	1 3/16
Tensor Electric		
Development Co 10c	2¼	2⅝
Terminal Transport *	9⅞	10¾
Terre Haute Malleable		
and Mfg Co 5	5	5¾
Terryphone Corp 5c	2¼	2⅝
Terry Steam Turbine 5	32	33½
Tesco Stores "adrs"	90c	1.10
Tex-Star Oil & Gas		
Corp 50c	24⅝	25⅝
Tex-Tube Inc com 1	4⅜	4¾
6% conv pfd 10	8	--
Texaco Canada Ltd *	43⅝	--
Texam Oil Corp 1	1⅝	1⅞
Texas Amer Oil 10c	4⅞	5⅜
Texas Butadiene &		
Chemical Corp		
Stamped	a⅛	½
Texas Industries 1	17½	18¾
Texas Instrument—		
4% pfd series 1959 25	27	--
Texas Tenn Industries		
Class A common 20c	7⅛	7½
Texize Chemicals 1	6·	6⅞
Texo Oil Corp 1c	6c	8c
Texota Oil Co 1c	3	3¼

* Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend y Ex-stock dividend.

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INDUSTRIAL AND MISCELLANEOUS STOCKS

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Stocks— Par	Bid	Ask
Textiles Inc 1	17	--
Thalhimer Bros com 5	12¾	13¼
3.65% preferred 100	77	--
Therm-Air Mfg Co 10c	2¼	2¾
Thermal & Electronics Industries Inc 10c	⅛	⅜
Thermal Power Co 1	5⅞	6⅝
Thermal Research & Engineering Corp 1	1⅞	2¼
Therm-O-Disc Inc 1	30	32⅛
ThermoPlastics Corp 1	2¾	3⅞
Thermogas Co 2	15	15¼
Thomas Industries 1	20⅜	20¾
Thomasville Furniture Industries Inc 5	18¾	20⅛
Thompson (H I) Fiber Glass Co *	7½	8¼
Thrift Courts of America 50c	1/16	3/16
Thrift Drug of Pa 1	15	15¾
Thrifty Drug Stores *	38⅞	41⅛
Thriftway Foods 2	13½	14⅞
Thurow Electronics— Class A com 2.50	3	3¼
Thyssen (August) Huette "adrs"	24½	26
Tidewater Lumber 10c	⅞	1⅛
Tidewater Marine Service Inc 1	9½	10½
Tiffany & Co *	26½	27½
Time Inc 1	90¾	91½
Timely Clothes 10	12	13⅝
Times-Mirror Co *	35¾	37⅞
Tinsley Labs Inc 16⅔c	1	1⅜
Tintic Stand Mining 1	2½	2⅝
Tip Top Products Class A common 1	6¼	6½
Tobin Packing Co 3	25½	27¾
Tokheim Corp 5	27	29⅜
Tokyo Shibaura Electric Co Ltd Amer Deposit rcts	13	13⅜
Toledo Scale Corp 1	26	26½
Tonka Toys Inc 1	35	36
Tool Research and Engineering Corp 1	3⅞	4⅜
Topsy's Intern cl A 10c	4⅜	4⅞
Torch Rubber 10c	⅞	1¼
Toreador Royalty 62½c	1⅛	1⅜
Tor Education 10c	⅞	1⅛
Toro Mfg Corp 1	38½	41¾
Torque Controls 1c	1	1⅛
Torrington Mfg Co 6.25	24	25½
Tower Communicat'n *	2⅝	3
Towle Mfg Co *	58	60
Towmotor Corp 1	28	28¾
Town Enterprises 50c	⅝	1
Towne Mines com 20c	4¼	5¼
$1.75 prior pfd 5	17	--
Trade Winds Co 1	4½	5
Traid Corp (Calif) 1	4⅛	4½
Traileurop Inc 10c	12¾	13¾
Trak Electronics 1	3¼	3⅞
Trans Air Systems 10c	⅜	⅝
Trans-Aire Electro 10c	2	2¼
Trans-Sonics Inc 1	⅛	1½
Trans-United Industries Inc 1	--	⅜
Transcon Lines 2.50	30¼	32¼
Trans-Mountain Oil Pipe Line Co *	13¾	14½
Transcontinent TV— Class B 2.50	18⅝	19⅞
Transcontinental Bus System Inc	31⅞	32¾
Transcontinent'l Oil 25c	3/16	¼
Transdyne Corp 1c	7/16	⅝
Transistor Electron 20c	12	12½
Transistor Special 10c	4½	5
Transition Systems 1	1	1½
Transitube Electronics 10c	¾	⅞
Transnation Realty 10c	⅜	¾
Transogram Co Inc 1	5⅛	5⅝
Transport Motor Express Inc 1	11⅛	11½
Transportation Corp of America— 2nd series class A purchase warrants	1⅝	1⅞
Travelers Express 1	12½	12⅞
Travelodge Corp 25c	4½	5⅛
Treesdale Lab & Textile Processing 50c	6¼	7⅛
Trenton Foods 50c	19½	20¼
Tresco Inc 10c	½	⅞
Tri-Metal Works 6¼c	n⅜	⅝
40c conv pfd 1	n1	2
Tri-Point Indus 10c	1⅜	1¾
Triangle Instrument 1c	1/16	¼
Trico Products *	90	95½
Trinidad Petroleum Develop Ltd ord £1	3⅞	4⅜
Trinity Steel 1	7½	8
Trion Inc 50c	3¾	4¼
Trio-Tech, Inc 10c	30c	60c
Triumph Storecrafters 1	2⅞	3¼
Tropical Gas Co 1c	19½	21
Trout Mining Co 1	30c	45c
True Taste Corp 1	1	1¼
Trunz Inc *	32½	--
Trygon Electronics 25c	3⅝	4
Tube Investments— Amer dep rcpts	7⅝	8⅛
Tuboscope Co 2	16¼	16¾
"21" Brands Inc 1	5¼	5½
Twin Disc Clutch *	25½	--
Tyson Metal Products Inc 1	3½	4
Tyson's Foods Inc 2	9¼	9¾
Uarco Inc 2.50	24¾	26¼
Ultra Dynamics 10c	1	1½
Ultra Electric Holdings "ADRS"	1½	1⅞
Ultra Plastics cl A 5c	⅛	⅜
Ultramar Ltd— Ordinary regis	4	4⅜
Amer deposit rcts	8⅛	9¼
Ultrasonic Indus 10c	⅞	1¼
Underwood Corp *	7	8
Uneeda Vending Service Inc 1c	1¾	2¼
Unilever Ltd— Amer dep rcts	25⅝	26
Union Carbide Australia Ltd £A1	7¼	8
Union Elect Steel 2.50	30½	32½
Union Mfg Co 25	18	--
Union Miniere du Haut Katango *	21½	23⅝
Union Rock & Materials Corp *	n8¼	8⅝
Union Spring & Manufacturing Co 50c	2⅛	2⅜
Unishops Inc 10c	9⅛	10
United Air Lines 1966 wts	13½	14½
1968 wts	13½	14½
United Artists Theatre Circuit 1	14¼	14¾
United Australian Oil, Inc 56c	27c	33c
United Bowling Centers Inc 1	⅛	⅜
United-Buckingham Freight Lines A 1	6¾	7½
United Components 10c	1/16	¼
United Control Corp 1	4⅝	5½
United Cuban Oil 16c	2c	4c
United Discount 1	⅜	⅝
United Electro-Dynamics Inc 1	3½	4
United Exposition Service Co 10c	7	7¾
United Industrial Corp common 1	6	6⅜
Warrants	70c	80c
Conv pfd ser A 8½	6¾	7¼
United Nuclear Corp 1	14	14⅞
United Piece Dye Works com 10c	7¾	8
$4.25 preferred 75	75	78
United Research 2	4¾	5⅛
United Scientific Laboratories, Inc 1c	⅞	1⅛
United Screw & Bolt Class A *	30	--
Class B *	25	--
United Servomation Name change to Servomation Corp Now listed NYSE		
United Sheet Metal *	2⅝	3
U S Bowling Corp 25c	¼	¾
U S Brass Corp 10c	1⅜	1⅝
U S Crown Corp 10c	9½	10
U S Dielectric 10c	2½	3½
U S Envelope com 10	15	16½
7% preferred 10	12¼	13⅝
U S Finance Corp 1	7	7½
Warrants	3¼	3¾
U S Homes & Dev— Class A 10c	1⅝	1⅞
U S Leasing Corp 1	9⅛	9⅞
U S Lumber Co 1	3½	3⅞
U S Magnet & Alloy 10c	3¼	3¾
U S Markets 25c	2⅜	2⅞
U S Photo Supply 10c	1c	4c
U S Plastic and Chemical (Del) 10c	5⅝	6⅛
U S Plastics Inc (Florida) 10c	2	2⅜
U S Polymeric Chemicals Inc 50c	17½	18½
U S Radium Corp 2	5½	6½
U S Servateria Corp 1	7¼	8⅛
U S Sonics Corp *	1¼	1¾
U S Sugar Corp 1	47½	51
U S Time "units"	48	50
U S Truck Lines of Delaware 1	20	21½
United Steel (England) American dep rcts	3½	3⅞
United Technical Industries 1	40c	50c
United Whelan Corp 3½% conv pfd 100	70	--
Universal Data Processing Corp *	2¼	2¾
Universal Drilling Class A com 1	2	--
Universal Electronics Laboratories 10c	¼	⅜
Universal Foods Corp 1	16½	17¼
Universal Foods Prods Inc 1c	32c	40c
Universal Lighting Products Inc 1c	1⅜	1⅝
Universal Marion— 4½% preferred 100	56	--
Universal Moulded Fibre Glass 10c	2½	2¾
Universal Pictures 1	64	67
Universal Publishing & Distributg com 50c	4½	4⅞
6% conv pfd 10	9½	10
Units	13½	14
Universal Surgical Supply Inc 1	n1¾	2¼
Univis Inc 50c	18¾	20⅜
Upson Co 10	14¾	15¾
Urethane Corp of Cal— Common 5c	1¼	1⅞
Uris Buildings Corp Wts now listed ASE		
Utah Concrete Pipe Co 1	6	6½
Utah Const & Mining 2	24	25
VSI Corporation— Ex 100% stock div	13⅝	14
Vacu-Dry Co 10c	1¾	2⅛
Vacuum Concrete Corp of Amer *	1½	1⅞
Vacuum Electronics 1	9¼	10
Vahlsing Inc 10c	3⅛	3½
Valley Forge Products class A 25c	3¾	4
Valley Gas Prod Inc 1	14⅜	14⅞
Valley Metallurgical Processing Co *	12¼	13¼
Valley Mould & Iron— Common 5	27½	28½
$5.50 prior pfd *	92	96
Valtronic Corp 10c	1⅞	2⅜
Vamco Corp 10c	⅛	⅜
Van Camp Sea Food 1	17½	18
Van Dusen Aircraft Supplies Inc 5	5	5½
Vangas Inc 2.50	11½	12⅞
Van Sciver (J B) 5% class A 100	77	--
Van Waters & Rogers 1	40¼	42⅝
Vanity Fair Mills 5	73¾	77¼
Vapor Corp 1	31	33½
Varifab Inc 10c	¼	⅝
Varo, Inc *	6¾	7¼
Vassar Corp 10c	1⅛	1⅜
Vector Mfg Co *	5	5¾
Veeder Root Inc 12½	49½	52⅝
Vermillion Bay Land 1	17¼	18¼
Vernitron Corp 10c	7	7½
Vernors Ginger Ale *	7½	7⅞
Versapak Film & Pack Machinery 5c	¼	⅜
Warrants	14c	20c
Vibration Mountings and Controls 10c	1⅛	1¼
Viclad Industries 25c	⅛	¼
Victor Products 1	2	2¼
Victoria Investment 1	14	17
Victory Markets 2	16½	17½
Viking Freight— Class A com 1	5½	6
Viking Pump Co 5	26½	28
Vinco Corporation 1	7/16	9/16
Virginia Chemicals & Smelting Co *	11½	12⅝
Va Coal & Iron 100	180	190
Virginia Skyline com 1	10	--
$6 preferred 100	85	--
Vista Industries 1c	⅜	¾
Visual Art Industries 1c	1⅜	1⅝
Vitamix Pharmaceuticals Inc 1	6¾	7⅞
Vitramon Inc 10c	5	5¾
Vitro Corp of Am 50c	8	8¾
Vocaline Co of Am 1.50	1⅝	1⅞
Vogue Instrument 1c	½	1
Voight (Albert) Ind 10c	4	4½
Volkswagenwerk (AG) Amer deposit rcts	77	78½
Volt Technical Corp— Class A 50c	3	3⅜
Voss Oil cl A com *	⅛	¼
Class B com *	7c	12c
Vulcan Corp Common 50c	6⅞	7⅛
$3 prior pfd *	65	--
$4.50 preferred *	77	--
Vulcan Mould & Iron 1	7⅛	--
Wabash Magnetics 50c	2⅛	2½
Wagner Baking— Common *	⅞	1
7% preferred 100	--	25
Wainwright Stores 10c	¾	1¼
Wakefield Corp Common 1	8½	8⅞
5% preferred 25	22½	--
Wakefield Engineer'g *	⅝	¾
Waldbaum Inc 1	13¼	14⅜
Waldorf Auto Leasing 10c	1½	2¼
Wallace Press Inc 10	20⅛	20⅝
Wallace (Wm) Corp 50c	8⅝	9
Walnut Grove Products class A 2	14¼	15⅛
Warrants	8	8¾
Walter (Jim) Corp— Common 16⅔c	26	26½
Walter Reade-Sterling Inc 25c	2⅝	2⅞
Waltham Watch Co 2.50	6¼	7¼
Ward Industries com 1	1¾	2¼
$1.25 preferred 25	n6½	--
Wards Co Inc 1	4⅛	4½
Warlick Press Inc 25c	2⅝	2⅞
Warner Electric Brake & Clutch Co 1	20½	22½
Warner & Swasey 1	75	78¼
Warren Brothers 10	25½	27½
Warren (S D) Co— $4.50 pfd *	98	102
Warshow (H) & Sons Class A 1	11¼	12⅝
Washburn Wire 12.50	29	31
Washington Engineering Serv Co *	⅜	⅝
Washington Mills 25	18	21
Washington Steel Corp Common 1	20	21
4.80% conv pfd 50	45	50
Washington Trotting Assn 1	8¾	9¾
Waste King common 1	8½	9⅝
6% C conv pfd 17½	14½	16¼
Waterman (L E) Pen *	⅛	¼
Water Treatment 10c	3⅜	3⅝
Waters Mfg Co 1	2½	2⅞
Watsco Inc 1	3	3½
Watson-Wilson Transportation System class A 1	5½	6
Waverly Oil Works 1	10	--
Wayne-George Corp *	3	3⅝
Wayne Mfg Co 1	17¼	18½
Weatherford (R V) *	3	3⅝
Webb (Del E) Corp Com now listed NYSE Warrants	7¼	7½
Webb Resources 10c	1½	1¾
Weinkles Liquor Stores Inc 25c	1	1⅜
Weinschel Eng'nering 1	3½	3⅞
Weiss Bros Stores Class A 1	9⅞	10¼
Weissberg (H R) Corp Class A 1	7¾	8⅝
Wej-it Expansion Products Inc 10c	⅝	⅞
Welded Tube Co of America class A 1	6½	7⅜
Weldotron Corp 5c	3¾	4⅛
Wellco Ro-Search Industries Inc 1	2⅞	3⅛
Wellington Electronics 75c	4	5
Wells Gardner Elecs 1	26	27
Wells Industries 50c	25c	37c
Welsbach Corp 2.50	16¾	17¾
Welsh Panel Co 25c	2	2½
Werner Trans'tion 1	10¾	11⅝
Wespak Inc 10c	1½	1⅞
West Coast Airlines 1	3¼	3¾
West Driefontein Gold Mining Co Ltd "adrs"	14	14¾
West Point Mfg 5	22⅜	24
West Va Production Co 10c preferred 1	30c	35c
Westbrook Thompson Hold'g Corp .07264	3⅜	3⅝
Western Electric Co *	250	265
Western Holdings Ltd Amer deposit rcts	27¾	28½
Western Natural Gas 1	12¾	13
5% conv preferred "1952 series" 30	31½	33
5% conv preferred "1955 series" 30	32	33
Western Oil Fields 1¼	47c	53c
Western Publishing 1	20⅛	21⅝
Western Tablet & Stationery 5% Preferred 100	100	--
Western Tool & Stamping 2	19	--
Westgate Calif Corp— Class A 5	12⅜	13⅜
5% preferred 70	53½	55½
6% preferred 10	9⅜	9¾
Westmoreland Coal 20	39	40½
Westron Corp 1	17¼	18½
Wetterau Foods Inc 1	22½	23½
Weyerhaeuser Co 7½	31¼	33⅛

* Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend
◦ Ex-stock dividend

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QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Stocks—	Par	Bid	Ask
Wham-O-Mfg Co	50c	2½	3¼
Wheaton Industries	10c	--	1⅛
Whitaker Cable Corp Shares split 2 for 1		t12	13
White Lighting Co (Cal) class A	25c	6½	7⅝
White Shield Corp	10c	5/16	7/16
Whitehall Cement Manufacturing Co	10	14½	17
Whitehall Electrncs	10c	1 3/16	1½
Whitin Machine Works	12.50	18½	20⅛
Whiting Corp	5	14⅛	15¼
Wiatt (Norman) Co	1	4⅜	5⅛
Wichita Union St'kyards com	100	52	--
4% preferred	100	62	--
Wiegand (Edwin L)	5	25	26¾
Wilbur Chocolate	*	26½	28
Wilcox Electric	3	4¾	5¼
Wilcox-Gay Majestic Electronics Corp	4	¼	½
Wiley (John) & Sons	1	19⅝	20⅛
Will & Baumer Candle	*	16	17½
Willcox & Gibbs Sewing Machine	1	8⅛	8⅞
Williams (R C) & Co 5½% preferred	25	9½	11
Williams & Co (Pa)	2½	35	37
Willner's Liquors	10c	⅞	1¼
Will Ross Inc	1.25	25	25¾
Win-Chek Industries Class A	10c	2½	3
Winchell Donut House, Inc	*	11	12
Wings & Wheels Express Inc	1c	2⅞	3¼
Winkelman Bros Apparel Inc cl A	3	12	12½
Winston-Muss Corp	*	3⅛	3¾
Wolf (The) Corp cl A	1	2⅝	2⅞
Wolf (Howard B) Inc	1	8	8⅜
Wollard Aircraft Service Equip	10c	1⅛	1½
Wolverine Brass	10	21	23
Wolverine Shoe & Tanning Co	2.50	31¼	32
Wometco Enterprises— Class A common	1	28¼	29
Wood Conversion	5	7¼	8⅛
Wood-Mosaic Corp	1	4¾	5¼
Woodland El'tronics	10c	4c	7c
Woodman Co	10c	⅝	⅞
Woodward Governor	1	80	87
Work Wear Corp Now listed ASE			
World Color Press	1	16½	17
Worldmark Press	10c	¼	½
World Toy House	33⅓c	2⅞	3⅜
World Wide Helicopters Ltd Am dep rcts	£1	1⅜	1 1/16
Wrather Corp	*	7¼	8
Wurlitzer Co	10	18¼	18⅝
Wyandotte Chemicals	1	54½	58¼
Wyatt Industries	20	23	24½
Wyckoff Steel Co	10	18	19
Wyle Laboratories	*	6⅜	6⅞
Wyman-Gordon	*	80	82
X-Ray Monitoring	10c	⅜	⅝
Xtra Inc com	1	25¾	28
$1.40 conv pfd	25	31½	32¼
Yankee Plastics	1c	¾	1
Yardley & Co Ltd Ordinary A Regis		3¼	3½
Yard-Man Inc	2	4⅛	4½
Yardney Electric	25c	3⅝	3⅞
Yellow Cab Co of Philadelphia	3	12¾	13¼
Yellow Transit Freight Lines Inc	1	16⅜	17½
York Hoover Corp	10	17	20
York Research cl A	1	2¼	2⅞
Yorktown Products	1c	n 1/16	3/16
Youngstown Research & Development Co	1	24½	25½
Youngwood Electronic Metals Inc	*	1	1¼
Younker Bros	*	40½	41½
Youthcraft Creations— Class A common	1	7⅛	7⅝
Yuba Consol Indus	1	90c	1.00
Zausner Foods— Class A common	1	10¾	11¼
Zayre Corporation	1	7⅞	8⅝
Zeigler Coal & Coke	10	27½	29⅜
Zenith Laboratories	10c	1⅛	1⅝
Zep Aero	1	3½	4
Zero Mfg Co	1	3¾	4⅛
Zion's Co-Operative Mercantile Inst	50	55	58
Zonolite Co	1	a10¾	12
Zurn Industries	1	7¼	8⅛

*Without par value. a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend.

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United States and Municipal Bonds

The custom in reporting prices for State and municipal securities is to quote them on the basis of the return the bonds yield per annum. Therefore, in furnishing the prices below, it will be found that for the single maturity bond a bid and asked quotation is published—either actual figures or on a percentage basis. In furnishing prices for the serial bonds, however, we endeavor to obtain the bid yield basis for the varying maturities. For instance, if a certain bond in our list matures from 1963 to 1980 and is quoted 0.90 to 2.95%—this would indicate that earliest maturity yields 0.90% and the later maturity is yielding 2.95%

Therefore, in the following list, it must be remembered the word "to" indicates that the figures shown are the bid yield basis for various maturities; all other figures are bid and asked prices.

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Bonds—	Bid	Ask	
UNITED STATES	Values shown below		
Treasury bonds—	All Quoted in 32nds		
4¼s May 15 1985-1975	102.4	102.12	--
4¼s Aug 15 1992-1987	102.20	102.28	--
4⅛s May 15 1989-1994	100.22	100.30	--
4s Feb 15 1969	100.3	100.7	--
4s Oct 1 1969	100.3	100.7	--
4s Aug 15 1970	100	100.4	--
4s Aug 15 1971	99.29	100.1	--
4s Feb 15 1972	99.28	100	--
4s Aug 15 1972	99.28	100	--
4s Feb 15 1980	99.23	99.27	--
4s Feb 15 1988-1993	99.18	99.26	--
3⅞s May 15 1968	99.30	100.2	--
3⅞s Nov 15 1971	98.30	99.2	--
3⅞s Nov 15 1974	98.21	98.25	--
3¾s Aug 15 1968	99.8	99.12	--
3¾s May 15 1966	99.30	100	--
3⅝s Nov 15 1967	99.7	99.9	--
3½s Nov 15 1980	93.16	93.24	--
3½s Feb 15 1990	91.18	91.26	--
3½s Nov 15 1998	90.18	90.26	--
3⅜s Nov 15 1966	98.28	98.30	--
3¼s June 15 1978-1983	89.20	89.28	--
3¼s May 15 1985	89.18	89.26	--
3s Feb 15 1964	99.25	99.27	--
3s Aug 15 1966	98.5	98.9	--
3s Feb 15 1995	87.18	87.26	--
2⅝s Feb 15 1965	98.24	98.26	--
2½s June 15 1962-1967	95.24	95.28	--
2½s Dec 15 1963-1968	93.22	93.28	--
2½s June 15 1964-1969	92.22	92.28	--
2½s Dec 15 1964-1969	92.2	92.8	--
2½s Mar 15 1965-1970	91.22	91.28	--
2½s Mar 15 1966-1971	90.24	90.30	--
2½s June 15 1967-1972	89	89.6	--
2½s Sept 15 1967-1972	88.24	88.30	--
2½s Dec 15 1967-1972	88.24	88.30	--
Treas Ctfs of Indebtedness—			
3⅛s Nov 15 1963	99.30	100	--
3¼s Feb 15 1964	99.28	99.30	--
3¼s May 15 1964	99.29	99.31	--
Treasury Notes—			
1½s Oct 1 1963	99.25	99.27	--
4⅞s Nov 15 1963	100.10	100.12	--
1½s Apr 1 1964	99.2	99.4	--
4¾s May 15 1964	100.31	101.1	--
3¾s May 15 1964	100.7	100.9	--
5s Aug 15 1964	101.11	101.13	--
3¾s Aug 15 1964	100.7	100.9	--
1½s Oct 1 1964	98.9	98.11	--
4⅞s Nov 15 1964	101.13	101.15	--
3¾s Nov 15 1964	100.4	100.6	--
1½s Apr 1 1965	97.14	97.18	--
4⅝s May 15 1965	100.19	101.21	--
1½s Oct 1 1965	96.20	96.24	--
3½s Nov 15 1965	99.20	99.22	--
3⅝s Feb 15 1966	99.22	99.24	--
1½s Apr 1 1966	95.14	95.18	--
4s Aug 15 1966	100.22	100.24	--
1½s Oct 1 1966	94.20	94.24	--
3⅝s Feb 15 1967	99.9	99.11	--
1½s April 1 1967	93.18	93.22	--
3¾s Aug 15 1967	99.20	99.22	--
1½s Oct 1 1967	92.13	92.17	--
1½s Apr 1 1968	91.13	91.17	--
Banks for Cooperatives—			
Coll Trust debs—			
3.15s Oct 1 1963	99.30	100	--
3.20s Dec 2 1963	99.27	99.29	--
3⅝s Feb 3 1964	99.29	99.31	--
Federal Home Loan Banks—			
3.30s Sept 16 1963	99.31	100	--
3.20s Jan 15 1964	99.24	99.26	--
3¼s Feb 17 1964	99.23	99.26	--
3.40s Mar 16 1964	99.25	99.27	--
3.30s April 15 1964	99.21	99.23	--
3.70s May 15 1964	99.29	99.31	--
3½s Jun 15 1964	99.24	99.26	--
3½s Oct 15 1964	99.17	99.21	--
3¾s Sept 15 1965	99.22	99.30	--
Federal Land Bank Bonds—			
3¼s Oct 22 1963	99.29	99.31	--
4½s Apr 20 1964	100.14	100.16	--
3⅞s Aug 20 1964	100	100.2	--
4s Oct 20 1964	100.2	100.10	--
4s Oct 20 1965	100.2	100.10	--
4s Dec 20 1965	100.2	100.10	--
3⅝s Feb 21 1966	99	99.16	--
3¼s May 2 1966	98	98.16	--
4¼s July 20 1966	100.16	101	--
4s May 22 1967	99.28	100.12	--
4¼s Mar 20 1968	100.16	101.16	--
4s Jun 20 1968	99.28	100.12	--
4⅜s Mar 20 1969	101	102	--
4⅝s July 15 1969	102.16	103.16	--
5⅛s Feb 20 1970	105.16	106.16	--
3½s Apr 1 1970	96	97	--
5⅛s July 20 1970	105.16	106.16	--
4½s Oct 1 1970 opt '67	101.24	102.8	--
3½s May 1 1971	95.16	96.16	--
4⅛s Feb 15 1972-1967	99.24	100.24	--
3⅞s Sep 15 1972	97.16	98.16	--
4½s Feb 20 1974	102.24	103.24	--
4⅛s Feb 20 1978-1973	99.28	100.12	--

Bonds—	Bid	Ask	Net
Federal Natl Mtge Asso—	Quoted in 32nds		
4⅛s Nov 12 1963	100.2	100.4	--
3⅝s May 11 1964	99.28	100	--
4s Sept 10 1961	100	100.6	--
3⅞s Dec 11 1964	99.30	100.4	--
4⅜s Jun 10 1965	100.30	101.6	--
3¾s Mar 10 1966	99.24	100	--
4⅛s Dec 12 1966	100.16	100.24	--
3⅝s Mar 11 1968	98.20	99	--
4⅜s Apr 10 1969	101	102	--
4⅝s Apr 10 1970	102.16	103.16	--
4⅛s Sep 10 1970	99.16	100.16	--
4⅛s Aug 10 1971	99.16	100.16	--
4½s Sept 10 1971	102.8	103.8	--
5⅛s Feb 10 1972	106.8	107.8	--
4⅜s Jun 12 1972	101.16	102.16	--
4¼s Jun 12 1973	100.24	101.24	--
4½s Feb 10 1977	102.24	103.24	--
Federal Intermediate Credit Bank Debs—			
3.15s Sept 3 1963	99.31	100	--
3.15s Oct 1 1963	99.29	99.31	--
3.15s Nov 4 1963	99.28	99.30	--
3.15s Dec 2 1963	99.26	99.28	--
3.20s Jan 2 1964	99.25	99.27	--
3.25s Feb 3 1964	99.23	99.25	--
3.30s March 2 1964	99.24	99.26	--
3.45s April 1 1964	99.25	99.27	--
3.65s May 4 1964	99.29	99.31	--
3.75s Jun 1 1964 wi	99.30	100	--
International Bank for Reconstruction & Devel—			
5s Feb 15 1985	106¾	107¾	--
4¾s Nov 1 1980	103.24	104.24	--
4½s Dec 1 1973	102.8	103.8	--
4½s Jan 1 1977	101.16	102.16	--
4½s Feb 1 1982	102	103	--
4¼s May 1 1978	99.8	100.8	--
4¼s Jan 15 1979	99.8	100.8	--
4s Sept 15 1963	99.28	100	--
3¾s Oct 1 1964	100	100.16	--
3¾s May 15 1968	98.24	99.24	--
3½s Jan 1 1969	97	98	--
3½s Oct 15 1971	96.8	97.8	--
3⅜s May 15 1975	93.8	94.8	--
3¼s Oct 1 1981	89.16	90.16	--
3s July 15 1972	91.8	92.8	--
3s Mar 1 1976	89.16	90.16	--
Inter-American Development Bank 4¼s Dec 15 1982	99½	100¼	--
	Quoted in Dollars and cents Not in 32nds		
United States Treasury Bills			
Sept 5 1963	99.982	99.983	--
Sept 12 1963	99.921	99.925	--
Sept 19 1963	99.860	99.867	--
Sept 26 1963	99.799	99.808	--
Oct 3 1963	99.727	99.733	--
Oct 10 1963	99.659	99.665	--
Oct 15 1963	99.610	99.617	--
Oct 17 1963	99.592	99.599	--
Oct 24 1963	99.524	99.533	--
Oct 31 1963	99.459	99.468	--
Nov 7 1963	99.392	99.401	--
Nov 14 1963	99.324	99.332	--
Nov 21 1963	99.256	99.265	--
Nov 29 1963	99.178	99.186	--
Dec 5 1963	99.127	99.153	--
Dec 12 1963	99.067	99.089	--
Dec 19 1963	99.001	99.025	--
Dec 26 1963	98.949	98.974	--
Jan 2 1964	98.854	98.871	--
Jan 9 1964	98.780	98.798	--
Jan 15 1964	98.720	98.738	--
Jan 16 1964	98.710	98.729	--
Jan 23 1964	98.629	98.659	--
Jan 30 1964	98.568	98.589	--
Feb 6 1964	98.492	98.514	--
Feb 13 1964	98.424	98.442	--
Feb 20 1964	98.352	98.366	--
Feb 27 1964	98.279	98.294	--
Apr 15 1964	97.800	97.814	--
July 15 1964	96.893	96.919	--
Aug 31 1964	96.390	96.410	--
PUERTO RICO (Commonwealth of)	Yield Basis or to Bid	Ask	Net
5s 1964-1970 J-J	b1.90 to 2.75%		--
3½s 1971-1983 J-J	b2.75 to 3.30%		--
2s 1984 J-J	--	--	3.90
Aqueduct & Sewer Auth—			
4s July 1 1992	103	106	--
Water Resources Authority			
Electric revenue ser 1962			
Ref 3¼s 1964-1977 J-J	b1.90 to 3.15%		--
Ref 3½s 1978-1982 J-J	b3.15 to 3.35%		--
Ref 3.60s 1983-1985 J-J	--	--	3.40
Ref 3.70s 1986-1988 J-J	b3.50 to 3.55%		--
Revenue (Series 1962)			
5s 1964-1966 J-J	b1.90 to 2.40%		--
3s 1967-1976 J-J	b2.50 to 3.15%		--
3¼s 1977-1984 J-J	b3.15 to 3.35%		--
3.40s 1985-1991 J-J	b2.90 to 3.55%		--
Electric Revenue (series '63)			
3¼s 1965-1972 J-J	b2.10 to 2.80%		--
3s 1973-1978 J-J	b2.90 to 3.15%		--
3¼s 1979-1987 J-J	b3.10 to 3.40%		--
3.30s 1988-1998 J-J	b3.45 to 3.55%		--
3½s 1999 J-J	--	--	3.55
Public Improvement bonds—			
4¼s 1964-1966 J-J	b1.90 to 2.40%		--
3s 1967-1975 J-J	b2.50 to 3.10%		--
3¼s 1976-1983 J-J	b3.10 to 3.35%		--
3.40s 1984-1986 J-J	--	--	3.40

Bonds—	Yield Basis or to Bid	Ask	Net
Public Improvement—			
5s 1964-1975 J-J	b1.85 to 3.20%		--
3.40s 1976 J-J	--	--	3.25
3.30s 1977-1987 J-J	b3.30 to 3.55%		--
ALABAMA			
3¾s refunding 1964-65 J-J	b2.20 to 2.40%		--
Education Authority			
Capital Improvement ser A			
5s 1964-1966 M-S	b2.25 to 2.50%		--
3½s 1967-1970 M-S	b2.60 to 2.90%		--
3.60s 1971-1974 M-S	b3.00 to 3.20%		--
3.70s 1975-1978 M-S	b3.30 to 3.50%		--
3½s 1979 M-S	--	--	3.60
3.70s 1980 M-S	--	--	3.65
Capital Improvement series C			
5s 1964-1966 A-O	b2.25 to 2.45%		--
3s 1967-1969 A-O	b2.50 to 2.70%		--
3¼s 1970-1978 A-O	b2.90 to 3.40%		--
3.40s 1979-1981 A-O	b3.40 to 3.60%		--
Highway Authority—			
Highway Auth series D			
3.60s 1964-1974 A-O	b2.30 to 3.20%		--
2s 1975 A-O	--	--	3.30
3.60s 1976 A-O	--	--	3.40
Highway Auth series E			
3s 1964-1968 M-N	b2.20 to 2.70%		--
3¼s 1969-1973 M-N	b2.70 to 3.30%		--
3.40s 1974-1979 M-N	b3.30 to 3.60%		--
Southeast Alabama Gas Dist—			
4½s 1st mtge Nat Gas revenue 1989 A-O	--	--	4.50
Birmingham—			
Industrial Waterworks—			
Ref 1½s 1964-70	b1.65 to 3.00%		--
School Building Bonds—			
1¼s due 1964-70 A-O	b1.65 to 2.60%		--
1s due 1971-76 A-O	b2.90 to 3.40%		--
Water Supply rev ser A—			
2.25s 1964-66 J-J	b2.20 to 2.60%		--
2.40s 1967-68 J-J	b2.70 to 3.00%		--
2.50s 1964-73 J-J	b2.20 to 3.40%		--
2.75s 1974-80 J-J	b3.50 to 4.00%		--
2.80s 1981-90 J-J	b4.00 to 4.50%		--
Mobile (City of)—			
3½s gen ref 1964-70 A-O	b2.40 to 3.30%		--
Mobile County—			
Gen fund 4½s 1964-66 J-D	b2.30 to 2.50%		--
Selma Housing Auth—			
2⅛s 1976	--	--	3.00
Sheffield 4s 1964-68 M-S	b2.20 to 3.00%		--
ALASKA			
Various 1964-1978	b2.50 to 3.85%		--
Anchorage (G O & I S D)			
Various coupons 1964-78	b2.75 to 3.90%		--
Tele rev various 1964-78	b2.75 to 4.00%		--
Port revenue 5.40s 1998	87	--	--
Fairbanks (G O & I S D)			
Various coupons 1964-76	b2.25 to 3.85%		--
Juneau (G O & I S D)			
Various coupons 1964-81	b2.25 to 4.00%		--
Water rev various 1964-72	b2.50 to 3.75%		--
Ketchikan (G O & I S D)			
Various coupons 1964-75	b2.25 to 3.75%		--
Utility rev various 1964-82	b2.25 to 4.00%		--
ARIZONA			
Phoenix (City of)—			
Water Revenue (1st issue)			
2s 1964-1977 J-J	b1.75 to 3.50%		--
Water Wks Rev (Ser 1949)			
3s 1964-66 J-J	b1.75 to 2.25%		--
2½s 1964-73 J-J	b1.75 to 3.00%		--
2¼s 1974-78 J-J	b3.00 to 3.50%		--
1952 Water Bonds—			
3s 1964-71 J-J	b1.75 to 2.90%		--
3¼s 1972-77 J-J	b2.95 to 3.50%		--
Salt River Project Agric Imp & Pow District—			
3¼s Jan 1 1981	b3.50 less 1½		--
3½s July 1 1978	b3.50 less 1½		--
Tucson (City of)—			
Wat rev 1½s Mar 1 1967	b2.75 less ¾		--
Water rev ref 1962 series			
4½s 1964-1970 J-D	b1.90 to 3.00%		--
3¼s 1971 J-D	b3.00 less 1		--
3s 1972-1978 J-D	b3.00 to 3.50%		--
3.20s 1972-1985 J-D	b3.00 to 3.60%		--
3.40s 1986-1991 J-D	b3.60 to 3.75%		--
ARKANSAS			
Highway refunding—			
3s April 1 1969-72 A-O	b2.60 to 2.80%		--
3¼s April 1964-72 A-O	b2.20 to 2.80%		--
Hot Springs 3s rev 1964-83	b2.50 to 4.00%		--
Little Rock wat 4s '64-78 F-A	b2.10 to 3.50%		--
CALIFORNIA			
4½s Olympiad 1964-71 J-J	b1.80 to 2.60%		--
State Construction—			
Act of 1958 series F—			
5s 1964-1972 J-J	b1.80 to 2.65%		--
4s 1973 J-J	--	--	2.70
3¼s 1974-1976 J-J	b2.75 to 2.85%		--
3.40s 1977-1978 J-J	b2.90 to 2.95%		--
3½s 1979-1981 J-J	b2.95 to 3.00%		--
3.60s 1982 J-J	--	--	3.05

• Subject to all Federal taxes. a Called for redemption, see page 94. b Basis. f Flat price. n Nominal.

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B of A
MUNICIPAL BOND DEPARTMENT

SPECIALIZING IN
CALIFORNIA MUNICIPAL BONDS
BANK OF AMERICA
N T & S A
SAN FRANCISCO • LOS ANGELES

STATE AND MUNICIPAL BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Bonds—	Yield Basis or to Bid	Ask	Net
State School Bldg ser G—			
2¾s 1964-66 *M-N*	b1.80 to 2.15%		--
3s 1967-74 *M-N*	b2.25 to 2.75%		--
3s 1975-79 opt '74 *M-N*	b2.80 to 2.95%		--
State School Bldg Aid Law of 1958 series W			
5s 1964-1967 *M-S*	b1.80 to 2.25%		--
3½s 1968-1972 *M-S*	b2.35 to 2.65%		--
3¾s 1973-1984 *M-S*	b2.70 to 3.10%		--
4s 1985-1986 *M-S*	b3.15 to 3.20%		--
State School Building Aid—			
5s 1965-1972 *M-N*	b1.95 to 2.65%		--
3½s 1973 *M-N*	--	--	2.70
2¾s 1974-1977 *M-N*	b2.75 to 2.90%		--
2.90s 1978 1980 *M-N*	b2.95 to 3.00%		--
3s 1981-1988 *M-N*	b3.00 to 3.20%		--
Veteran's Bonds Act of 1956 series S—			
5s 1964-1966 *A-O*	b1.80 to 1.95%		--
4s 1967	--	--	2.25
3¼s 1968-1973	b2.35 to 2.70%		--
3½s 1974-1984	b2.75 to 3.10%		--
Veterans' Bonds Act of 1958 series U			
5s 1964-1966 *F-A*	b1.80 to 2.15%		--
4¾s 1967 *F-A*	--	--	2.25
3½s 1968-1970 *F-A*	b2.35 to 2.70%		--
3¾s 1971-1978 *F-A*	b2.60 to 2.95%		--
4s 1979-1980 *F-A*	b2.95 to 3.00%		--
4s 1981-85 opt 1980 *F-A*	b3.00 to 3.15%		--
Veterans' (dated July 1 1962)			
5s 1964-1974 *F-A*	b1.80 to 2.75%		--
3s 1975-1979 *F-A*	b2.80 to 2.95%		--
3¼s 1980-1982 *F-A*	b3.00 to 3.05%		--
3.30s 1983-1985 opt '83 *F-A*	b3.10 to 3.15%		--
3.40s 1986-1987 opt '83 *F-A*	b3.15 to 3.20%		--
¼s 1988 opt '83 *F-A*	--	--	4.30
Veterans' and State School Building Aid—			
5s 1964-1967 *M-S*	b1.80 to 2.25%		--
3¼s 1968-1971 *M-S*	b2.35 to 2.60%		--
3½s 1972-1976 *M-S*	b2.65 to 2.85%		--
3¾s 1977-1982 *M-S*	b2.90 to 3.05%		--
4s 1983-1986 *M-S*	b3.10 to 3.20%		--
Toll Bridge Authority—			
Carquinez Strait Bridges			
Toll Bridge Revenue—	104	104½	--
3¾s 1995 *M-S*	105¾	106½	--
4⅜s ser B 1995 *M-S*			
Richmond-San Rafael Brge			
3⅞s rev ser A 1992 *M-S*	103¾	104¾	--
Imperial Irrigation District—			
Electric Rev (9th issue)			
2s 1964-71 *J-J*	b2.00 to 3.25%		--
1¾s 1972-76 *J-J*	b3.45 to 3.65%		--
Electric Revenue—			
1st division (10th issue)			
2¾s 1964-70 *J-J*	b2.00 to 2.70%		--
3s 1971-78 *J-J*	b2.60 to 3.30%		--
2¾s 1979 *J-J*	--	--	3.55
2nd division (10th series)			
2¾s 1964-66 *J-J*	b2.00 to 2.30%		--
3s 1967-80 *J-J*	b2.40 to 3.40%		--
2¾s 1981 *J-J*	--	--	3.65
Los Angeles (City)—			
3½s water wks 1964-75	b1.75 to 2.90%		--
4¼s water 1964-70 *A-O*	b1.75 to 2.60%		--
4s 1964-68 *J-J*	b1.75 to 2.40%		--
4¾s 1964-69 *M-S*	b1.75 to 2.50%		--
2s 1968-87 *A-O*	b2.60 to 3.75%		--
Refunding rev issue of 1943			
1½s June 1 1976	--	--	3.60
Issue of 1944			
1¾s 1964-76 *F-A*	b1.75 to 3.50%		--
3rd issues of 1944			
1¾s 1964-68 *A-O*	b1.75 to 2.70%		--
2s 1969-75 *A-O*	b2.70 to 3.40%		--
1¾s 1976-78 *A-O*	b3.50 to 3.60%		--
Issue of 1949			
2¼s 1965-72 *M-N*	b2.00 to 3.05%		--
2½s 1973-85 *M-N*	b3.10 to 3.50%		--
2¼s 1986-89 *M-N*	--	--	3.60
Elec Plant Rev (1952 issue)			
2¼s 1973-84 *J-D*	b3.10 to 3.60%		--
2½s 1985-92 *J-D*	b3.50 to 3.65%		--
Elec Plant Rev (1953 issue)			
2¼s 1964-68 *A-O*	b1.75 to 2.50%		--
2½s 1969-77 *A-O*	b2.50 to 3.25%		--
2¾s 1978-83 *A-O*	b3.15 to 3.40%		--
Los Angeles (City)—			
Elec Plant Rev (1954 issue)			
2.00s 1965-1968 *A-O*	b2.00 to 2.60%		--
2¼s 1969-1973 *A-O*	b2.60 to 3.10%		--
2½s 1974-1977 *A-O*	b3.10 to 3.25%		--
2.70s 1982-1984 *A-O*	--	--	3.25
Flood Control District			
3¼s May 1 1964-1983	b1.75 to 3.10%		--
Unified School District			
City Junior College Dist			
4s 1964-1970 *F-A*	b1.75 to 2.60%		--
3¼s 1971-1982 *F-A*	b2.65 to 3.10%		--
3.40s 1983-1985 *F-A*	b3.10 to 3.15%		--
2½s 1986-1987 *F-A*	--	--	3.50
Water Wks Rev (issue of '49)			
2¼s 1968-78 *M-N*	b2.50 to 3.40%		--
2½s 1979-89 *M-N*	b3.30 to 3.60%		--
Los Ang City High Sch Dist—			
2½s 1964-72 *J-J*	b1.75 to 2.90%		--
2s 1964-72 *J-J*	b1.75 to 3.10%		--
Election 1952 series C—			
2½s 1964-1979 *J-J*	b1.75 to 3.30%		--
Election 1958 series F—			
4s 1964-1985 *J-D*	b1.75 to 3.20%		--
Los Angeles County Flood Control District—			
2½s 1964-94 *A-O*	b1.75 to 3.65%		--
2¼s 1964-83 *M-N*	b1.75 to 3.60%		--
3¾s 1964-83 *M-N*	b1.75 to 3.10%		--
4s 1964-89 *M-S*	b1.75 to 3.25%		--
3¼s 1964-89 *M-S*	b1.75 to 3.25%		--
Los Angeles Metro Transit Authority—			
5¾s March 1 1983	100½	111½	--
Metropolitan Water District of Southern California—			
Waterworks Bonds			
3.10s Nov 1 1964-70	b1.75 to 2.60%		--
Oroville-Wyandotte			
Irrig District 4½s 2006	113½	116	--
San Diego—			
Water system extension			
1¾s June 1 1964-1968	b1.90 to 2.70%		--
2s June 1 1967-76	b2.50 to 3.25%		--
San Fran (City & County)—			
5s water 1964-69 *J-J*	b1.90 to 2.45%		--
4½s water 1964-77 *J-J*	b1.90 to 2.85%		--
Airport bonds (1945 ser C)			
2½s 1964-68 *F-A*	b1.90 to 2.35%		--
Various purposes			
Dated April 1 1963			
6s 1964-1966 *A-O*	b1.90 to 2.10%		--
2s 1967-1968 *A-O*	b2.25 to 2.40%		--
2¼s 1969-1971 *A-O*	b2.45 to 2.60%		--
2½s 1972-1976 *A-O*	b2.60 to 2.90%		--
2¾s 1977-1983 *A-O*	b2.85 to 3.15%		--
Hetch Hetchey 4½s 1967-77	b2.25 to 2.85%		--
Spring Val 4½s 1967-69 *J-J*	b2.25 to 2.45%		--

CANADA

See page 82

COLORADO

Bonds—	Yield Basis or To Bid	Ask	Net
Colorado (State of)—			
State H'way Fund Revenue Anticipating warrants—			
2¼s 1964-1971 *J-J*	b2.00 to 2.90%		--
State H'way fund rev ref—			
3s 1964-1967 *J-J*	b2.00 to 2.30%		--
2.60s 1968 *J-J*	--	--	2.40
2.40s 1969 *J-J*	--	--	2.60
2½s 1970 *J-J*	--	--	2.60
2.60s 1971-1972 *J-J*	b2.65 to 2.75%		--
2.65s 1973 *J-J*	--	--	2.80
2¾s 1974-1975 *J-J*	b2.85 to 2.90%		--
Colorado Springs (City)—			
Utility Revenue—			
1.70s 1964-66	b2.00 to 2.40%		--
1.75s 1967-72 *M-N*	b2.55 to 3.00%		--
1¾s 1964-1971 *M-N*	b2.00 to 2.90%		--
2s 1972-1974 *M-N*	b3.00 to 3.10%		--
2.10s 1975-1977 *M-N*	b3.10 to 3.20%		--
2¼s 1978-1982 *M-N*	b3.25 to 3.40%		--
Denver (gen oblig)—			
1.70s 1965-68 *A-O*	b2.10 to 2.40%		--
1¾s 1964-68 *M-N*	b2.00 to 2.70%		--
School District No. 1			
2.10s 1964-67 *A-O*	b1.90 to 2.60%		--

Bonds—	Yield Basis or To Bid	Ask	Net
Water bonds—			
4½s 1972-1975 *A-O*	b2.80 to 2.90%		--
3.20s 1976-1978 *A-O*	b2.90 to 2.95%		--
3s 1979-1984 *A-O*	b3.00 to 3.25%		--
3.10s 1985-1989 *A-O*	b3.20 to 3.35%		--
3¼s 1992-1993 *A-O*	b3.40 to 3.50%		--
3.30s 1994-1999 *A-O*	b3.50 to 3.60%		--
El Paso County—			
School District No. 11			
1¾s 1964-65 *M-S*	b2.00 to .220%		--

CONNECTICUT

3.10s 1964-1980 *J-J*	b1.80 to 2.95%		--
3⅜s 1964-1988 *A-O*	b1.80 to 3.25%		--
3¼s 1964-1981 *J-J*	b1.80 to 2.95%		--
3⅛s 1964-1982 *J-J*	b1.80 to 3.00%		--
3s 1964-1979 *M-N*	b1.80 to 2.90%		--
2.60s July 1 1968-1975	b2.40 to 2.90%		--
2⅝s 1964-1977 *F-A*	b1.85 to 2.95%		--
2½s 1964-1978 *J-D*	b2.10 to 2.95%		--
2s 1964-1974 *M-N*	b1.90 to 2.85%		--
1¾s 1964-1984 *A-O*	b1.95 to 3.45%		--
1¼s 1964-1970 *M-N*	b2.05 to 3.05%		--
Expressway Rev & Motor Fuel Tax—			
Greenwich-Killingly—			
Fourth Series			
6s 1964-1966 *J-J*	b1.80 to 2.30%		--
4s 1967-1968 *J-J*	b2.35 to 2.50%		--
3¾s 1969-1973 *J-J*	b2.60 to 2.90%		--
3⅝s 1974-1975 *J-J*	b2.95 to 3.60%		--
3½s 1976-1989 *J-J*	b3.05 to 3.30%		--
3.60s 1990-1991 *J-J*	--	--	3.40
3⅝s 1992-1993 *J-J*	--	--	3.45
3.65s 1994-1997 *J-J*	--	--	3.50
Sixth Series			
3¼s 1968-1981 *J-J*	b2.50 to 3.15%		--
3.30s 1982-1989 *J-J*	b3.20 to 3.35%		--
3½s 1990-1997 *J-J*	b3.40 to 3.45%		--
Seventh Series			
6s 1964-1966 *J-J*	b1.90 to 2.20%		--
4¾s 1967 *J-J*	--	--	2.25
6s 1968-1969 *J-J*	b2.30 to 2.40%		--
5s 1970-1974 *J-J*	b2.45 to 2.75%		--
4½s 1975-1977 *J-J*	b2.80 to 3.00%		--
4.20s 1978-1988 *J-J*	b3.05 to 3.30%		--
4¼s 1989-1997 *J-J*	b3.35 to 3.65%		--
Gen Obl Highway System			
3¼s 1967-1968 *J-D*	b2.25 to 2.35%		--
2¼s 1969-1971 *J-D*	b2.45 to 2.70%		--
2½s 1972-1975 *J-D*	b2.80 to 2.95%		--
2.60s 1976-1977 *J-D*	b3.00 to 3.10%		--
2¾s 1978-1980 *J-D*	b3.15 to 3.30%		--
2.80s 1981-1983 *J-D*	b3.35 to 3.45%		--
Hartford (City of)—			
2.65s 1964-1983 *M-N*	b1.90 to 3.20%		--
Hartford County—			
Metropolitan District—			
2¼s 1964-78 *J-J*	b1.90 to 3.20%		--
2s 1964-89 *M-N*	b1.95 to 3.95%		--
Meriden 1.40s 1964-70 *A-O*	b1.95 to 3.00%		--
New Haven 1¾s 1964-68 *F-A*	b1.95 to 2.70%		--
1.40s 1964-69 *J-J*	b1.95 to 2.75%		--
1.70s gen imp 1964-71 *J-J*	b1.95 to 3.10%		--
Gen Pub Corp 3s '64-81 *A-O*	b1.95 to 3.45%		--
Norwalk (City)—			
3.40s 1964-1979 *M-N*	b1.95 to 3.15%		--
Stamford (City)—			
2s school 1964-68 *F-A*	b1.95 to 3.15%		--
Waterbury 5s 1964-71 *M-N*	b1.85 to 2.90%		--
1.30s 1964-71 *M-S*	b1.95 to 3.20%		--
1¾s 1964-1979 *M-N*	b1.95 to 3.60%		--

DELAWARE

3.40s various 1964-1977 *M-S*	b1.75 to 2.90%		--
3.30s Sept 1 1964-1978	b1.75 to 2.90%		--
3¼s April 1 1964-1980	b1.75 to 2.95%		--
3s 1964-1979 *A-O*	b1.75 to 2.95%		--
2.90s 1964-1982 *M-S*	b1.75 to 3.00%		--
2.80s 1964-1982 *A-O*	b1.75 to 3.00%		--
2¾s March 15 1964-1977	b1.75 to 2.90%		--
1.60s 1964-1971 *M-N*	b1.80 to 3.05%		--
1½s 1968 *J-J*	--	--	2.50
Delaware Memorial Bridge—			
4s 1978	103¼	104	--
Delaware Turnpike rev			
4⅛s 2002 *J-J*	107¾	108¾	--
Highway and Capital Imp—			
1.40s 1964-1968 *J-D*	b1.85 to 2.75%		--
1.40s 1969 *J-D*	--	--	2.80
Sussex Co 1½s 1964-73 *M-N*	b1.85 to 3.20%		--
Wilmington 1.70s 1964-81 *J-D*	b1.80 to 3.45%		--

‡ Called Sept 1 at 104. a Called for redemption, see page 94. b Basis. f Flat price. k Last sale. n Nominal. r Canadian dollar value.

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STATE AND MUNICIPAL BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Bonds—	Yield Basis or To Bid	Ask	Net
FLORIDA			
Florida Develop Commission—			
Pinellas County Road & Bridge revenue			
5s 1965-1974 J-D	--	--	3.40
4.85s 1974-1989 J-D	4.10	4.00%	--
4.80s 1990 J-D	--	--	4.10
Palm Beach County Road & Bridge rev 3.65s 1983 F-A	100	102	--
University System Imp Rev			
4¼s 1965-1983 F-A	--	--	3.80
4.15s 1984 F-A	--	--	3.90
4.10s 1985-1986 F-A	--	--	3.95
4.15s 1987-1990 F-A	--	--	4.00
Florida State Turnpike Auth—			
4¾s (1961 series) 2001 M-N	110	111	--
FSIC Lower Tampa Bay—			
Bridge rev 3¾s Sept 1 1981	100	103	--
Coral Gables—Ref of 1944			
3½s optional 1979	99	--	--
Dade County—			
Highway 5s 1964-66	--	--	2.75
Special Co Building—			
3⅜s 1972 F-A	--	--	3.20
Road Revenue—			
6s 1964-1969 F-A	--	--	3.00
4.10s 1970-1988 F-A	--	--	4.00
Port Authority (Ser B)			
4.70s 1999 A-O	109	109½	--
Duval County—			
5¾s 1964-1966 A-O	b2.75	2.00%	--
3.30s 1967-1980 A-O	--	--	3.30
Ft Lauderdale—			
4s refunding 1964-71 J-J	--	--	3.25
Fort Myers ref 3s 1978	--	--	3.75
Ft Pierce—			
Wat & El rev 4s 1987 A-O	--	--	3.75
Jacksonville—			
Electric revenue certificates			
2¼s 1964-72 J-J	--	--	2.90
Util tax rev 4.60s 1994 J-J	110	--	--
Expressway Rev series 1957			
3.90s 1968-1971 J-J	--	--	3.60
4s 1972-1977 J-J	--	--	3.80
Elec rev ctfs 1963—			
2.70s 1970-1971 J-J	b2.90	2.75%	--
2¾s July 1 1973	b3.00 to	2.80%	--
2.90s 1974-1975 J-J	b3.15	3.00%	--
3s July 1 1976	100	101	--
Jacksonville Expressway—			
Revenue 4¼s July 1 1992	108¾	109¾	--
Miami (City of)—			
Wat Rev 2s Dec 1 1967	--	--	3.10
Wat Rev 2⅞s 1980-82 J-D	3.65	3.45%	--
Sewer rev 4.30s 1993 J-J	102	--	--
Orlando Util com 3¼s '80 A-O	b3.30	3.20%	--
St Petersburg—			
2¾s non-call ref 1979 M-S	3.50	3.25%	--
Utility Tax ctfs (1963 issue)			
3.40s 1964-1966 A-O	--	--	2.60
5s 1967-72 A-O	--	--	3.15
3.40s 1973-1982 A-O	b2.35 to	3.20%	--
1.10s 1983 A-O	--	--	4.50
Sanford ref 1½s-2½s 1977	75	--	--
Tampa—			
Special Obligation—			
Cap imp 3.70s 1983 A-O	--	--	3.60
Sewer rev 2¾s 1985	--	--	3.80
Sewer rev 3¼s 1985	3.65	3.35%	--
Sewer revenue 1962 series			
5s 1966-1975 F-A	--	--	3.40
4s 1976 F-A	--	--	3.50
3½s 1977-1982 F-A	--	--	3.70
3¼s 1983-1986 F-A	--	--	3.70
3.40s 1987-1992 F-A	--	--	3.90
3½s 1993-2000 F-A	--	--	4.00
3s 2001-2002 F-A	--	--	4.10
Vero Beach ref 3s 1979	85	--	--
West Palm Beach (City of)—			
Wat & Sewer rev ser A			
3¾s 1964-84	3.70	3.45	--
FOREIGN GOVERNMENTS AND CITIES			
Over-the-Counter issues			
Bank of Colombia 7s 1947 A-O	f110	--	--
Sinking fund 7s 1948 A-O	f110	--	--
Bogota (City of)—			
External s f 8s 1945	f142	--	--
Bogota (Municipality of)—			
Power & Light 6s Apr 1947	f142	--	--
Bolivia (Rep) Ext 8s 1947 M-N	f17	18	--
External 7s 1958 J-J	f17	18	--
External s f 7s 1969 M-S	f17	18	--
Adjustment 1-3s 1993 J-J	f11	11¾	--
Brazil United States—			
5s of 1931 due 1951	150	--	--
British—See Great Britain			
Caldas Extl s f 7½s 1946 J-J	f123	--	--
Cali (Colom) s f 7s 1947 M-N	122	--	--
30-yr s f $ bonds 3s '78 J-J	60	64	--
Callao (Peru) 7⅛s 1944 J-J	99	--	--
Carlsbad (City of)—			
4s extended to Jan 1966	f7	--	--
External s f 8s Jan 1954	f45	--	--
Ceara (Brazil) 8s 1947 J-D	f13	--	--
Great Britain—			
All British issues are quoted in U S dollars per £20 principal amount flat			
Prices are per bonds with American Ownership Certificates			
2½s Annuities	25⅞	--	--
2½s "Consols"	25⅞	--	--
4s "Consols"	39¾	--	--
3s fund loan 1969 opt 1959	51½	--	--
Great Britain—			
4s fund loan 1990 opt 1960	53¼	--	--
3s savings bds 1965 opt 1955	54⅛	--	--
3s savings bds 1970 opt 1960	49½	--	--
4s victory bonds of 1919	54	--	--
3½s war loan 1952	35½	--	--
Greater Prague (City of)—			
6s extended to Nov 1960	f13	--	--
Israel (State of)—			
Independence issue			
3½s May 1966	97	98	--
Development issue			
4s 1969	97	98	--
II Development issue			
4s due 1974 and 1975	94¼	95¼	--
4s due 1976 and 1977	94¼	95¼	--
Lima (City) Peru—			
Extl s f 6½s 1958 M-S	91	--	--
Mexico (United Mex'n States)			
6¾s due 1978 (now listed NYSE)			
Milan (City of)			
5½s due 1978 (now listed NYSE)			
Montevideo (City) 7s 1952 J-D	f205	--	--
Extl s f 6s 1959 ser A M-N	f195	--	--
Mortgage Bank of Bogota—			
7s (issue of May 1927) 1947 M-N	f110	--	--
7s (issue of Oct 1927) 1947 A-O	f110	--	--
Panama (Republic of)—			
4.80s extl sec 1993 A-O	101	--	--
Prague (City of) 7½s 1952	f73	--	--
Rio de Janeiro—			
External 6s 1933 A-O	f85	--	--
Russian 6½s June 18 1919	f2⅛	2½	--
5½s external loan Dec 1921	f2⅛	2½	--
Santa Catharina (Brazil)—			
External s f 8s 1947 F-A	108	--	--
Santander (Dept) Colombia			
External s f 7s 1948 A-O	122	--	--
S f 3s July 1 1978	f60	--	--
Santiago (City) Chile 7s '49 J-J	100	--	--
External s f 7s 1961 M-N	100	--	--
Tolima (Dept of)—			
External s f 4s Nov. 1 1947	f123	--	--
United Kingdom of Gt Britain and Ireland—See Gt Britain			
Yugoslavia (Republic of)—			
5s 1st series Nov 1956	f27	29	--
CANADA			
All Canadian issues shown below are quoted in U S funds			
Quotations based on bonds bearing Certificate of American Ownership			
Government of Canada—			
Payable in U S currency			
2¾s Sept 1 1974	84	86	--
2¾s Sept 15 1975	83	85	--
Payable in Canadian currency			
4s May 1 1964	92¼	93¼	--
3¾s Sept 1 1965	90½	91½	--
4½s Dec 15 1966	91½	92½	--
4¼s June 1 1967	90½	91½	--
4¼s Jan 15 1968	90½	91½	--
2¾s June 15 1968 opt '67	85	86	--
5½s Apr 1 1969	94¼	95¼	--
3½s May 1 1970	85½	86½	--
4¼s Sept 1 1972	86	87	--
5½s Oct 1 1975	92½	93½	--
3¼s June 1 1976 opt '74	75¼	76¼	--
5½s April 1 1976	92½	93½	--
3¾s Jan 15 1978 opt '75	78	79	--
3¼s Oct 1 1979	72½	73½	--
4½s Sept 1 1983	83¼	84¼	--
5s June 1 1988	88¼	89¼	--
3¾s Mar 15 1998 opt '96	71½	73½	--
3s Sept 15 perp opt '66	60½	62½	--
Govt of Canada (Internal)			
Victory Loans—			
8th 3s Oct 1 1963 opt '59	92	94	--
9th 3s Sep 1 1966 opt '61	88	90	--
Alberta (Province)—			
2¾s Mar 1 1965	97¼	98¼	--
2¾s Mar 1 1967	94⅜	95⅜	--
2⅞s Mar 1 1970	91	92	--
2⅞s Mar 1 1972	88⅝	89⅝	--
Municipal Financing Corp			
4¾s May 15 1984 opt '69	100	102	--
5s Dec 15 1984 opt '70	102	104	--
4⅞s June 15 1985 opt '70	102	104	--
British Columbia (Province)—			
4½s Jan 23 1969	99½	100½	--
3½s Aug 15 1976 opt '61	88¾	90¾	--
3⅝s Feb 15 1977 opt '62	89⅝	90⅝	--
3¾s June 15 1976 opt '61	91¼	93¼	--
3¾s June 15 1981 opt '61	89¼	91¼	--
4⅜s Apr 15 1982 opt '67	97	99	--
3¾s June 15 1986 opt '61	87¾	89¾	--
4⅜s Apr 15 1987 opt '67	97	99	--
Edmonton—			
3¾s May 1 1971	93	94½	--
3⅞s May 1 1975	92	93½	--
3⅞s May 1 1981	89	90½	--
5⅛s Dec 15 1978	101	103	--
4¾s Apr 15 1983	98	100	--
Manitoba—			
3½s June 15 1971 opt '57	91½	93½	--
5¼s Nov 15 1984 opt '74	106	108	--
Montreal (City of)—			
3⅞s May 1 1965	99	100	--
3s Oct 15 1967	93¾	94¾	--
3½s Oct 1 1970	91	93	--
4½s Jan 1 1976	96½	98½	--
5¼s Mar 1 1977 opt '67	102	104	--
4¾s Nov 1 1978 opt '68	98½	100½	--
5s Nov 1 1978 opt '68	100	102	--
5⅝s Nov 1 1979 opt '69	103	105	--
5⅜s June 1 1980 opt '70	102	104	--
Montreal Metropolitan Commission 5s May 1 1966	101	102	--
Montreal Metropolitan Corp—			
5⅝s Feb 1 1985 opt '70	102½	104½	--
Montreal Transportation—			
4¼s Jan 1 1973 opt '60	94½	96½	--
5¼s Mar 15 1977 opt '67	100	103	--
New Brunswick (Province)—			
5⅜s s f debs 1985 F-A	103	105	--
Nova Scotia (Province)—			
3⅝s Mar 15 1964 opt '60	99½	100	--
3¾s July 15 1966 opt '60	96½	98½	--
3¾s Oct 1 1971 opt '60	93	95	--
3½s Jan 15 1972 opt '60	91	93	--
3½s Jan 2 1976 opt '66	88⅝	90⅝	--
5⅛s Apr 1 1980 opt '70	101	103	--
Ontario (Province)—			
2.80s Mar 15 1964	98½	99½	--
3¼s May 15 1971 opt '60	91	92½	--
3¼s Sept 1 1972 opt '60	90	91½	--
3¼s Feb 1 1975 opt '60	88	89½	--
3⅝s Nov 1 1978 opt '60	89½	91	--
3⅛s Mar 15 1980 opt '60	82½	84½	--
3⅞s May 15 1981 opt '61	91	93	--
4s May 1 1983 opt '68	92	94	--
4¾s Feb 1 1984 opt '69	101½	103½	--
4s June 1 1965	98	99½	--
4s June 1 1967	97	99	--
4½s May 15 1970	98½	100½	--
4s June 1 1971	95½	97½	--
Quebec (Province)—			
2⅞s Apr 1 1971	88	90	--
3¼s debs Dec 1 1972 opt '57	89	91	--
5⅜s Oct 1 1979 opt '74	105	108	--
Quebec Hydro Electric Com—			
4⅜s Feb 1 1977 opt '67	97½	99½	--
3½s Dec 1 1978 opt '58	87½	89½	--
3½s Jan 1 1981 opt '61	86½	88½	--
4¼s Dec 1 1981 opt '66	96	98	--
3¾s Feb 1 1983 opt '68	89	91	--
5s July 15 1984 opt '69	103½	105½	--
Saskatchewan—			
3⅛s Feb 1 1966	96	97½	--
3⅛s Aug 15 1970	90	92	--
4s Apr 1 1973 opt '58	94	96	--
3¼s June 1 1974 opt '72	87	89	--
3¾s Jan 2 1976 opt '66	90½	92½	--
4¾s Jan 2 1984 opt '74	100½	102½	--
Toronto (City of)—			
3¼s Dec 1 1963	99½	100	--
3¼s May 15 1966	97	97¾	--
3¼s May 15 1970	92¾	93¾	--
3½s Dec 1 1975	90½	91½	--
3½s Dec 1 1983	86½	87½	--
Toronto (Metropolitan)—			
4⅛s Aug 15 1976 opt '66	96½	97½	--
4⅞s July 1 1977 opt '72	104	105	--
4s July 1 1978 opt '73	94⅝	95⅝	--
4¾s Dec 15 1978 opt '73	103	103⅞	--
5s June 1 1979 opt '74	105¾	106¾	--
5⅛s Mar 1 1980 opt '75	106½	108½	--
Vancouver—			
4½s Aug 1 1967	98	100	--
5s June 1 1969	99	101	--
5s Jan 15 1970	99	101	--
Greater Vancouver—			
W D 4½s Aug 1 1967	98	100	--
Greater Winnipeg—			
W D 5s Feb 15 1970	99	101½	--
GEORGIA			
State Bridge Bldg Auth—			
Revenue series A of 1953—			
2.70s 1964-65 J-J	b1.90 to	2.10%	--
2.60s 1966-69 J-J	b2.25 to	2.70%	--
State Highway Authority—			
State Highway series 1961-A			
4½s 1964-1968 J-J	b1.90 to	2.70%	--
3.60s 1969-1975 J-J	b2.80 to	3.10%	--
3¾s 1976-1984 J-J	b3.15 to	3.40%	--
3.90s 1985-1991 J-J	b3.40 to	3.60%	--
State Highway Auth (ser B-61)			
4½s 1964-1972 J-J	b1.90 to	2.90%	--
3½s 1973-1979 J-J	b3.00 to	3.25%	--
3.70s 1980-1983 J-J	b3.30 to	3.40%	--
3¾s 1984-1990 J-J	b3.40 to	3.60%	--
State School Bldg Authority			
Rev 2.60s 1964-70 A-O	b1.90 to	2.70%	--
Revenue Series 1953 A—			
3.60s 1964-67 M-S	b1.90 to	2.50%	--
3.70s 1968-71 M-S	b2.60 to	2.90%	--
Revenue Series 1954 A—			
4s 1964 M-S	--	--	1.90
2½s 1965-68 M-S	b2.00 to	2.60%	--
2.70s 1969-70 M-S	b2.70 to	2.90%	--
2.80s 1971-74 M-S	b3.00 to	3.20%	--
Atlanta—			
2½s 1964-79 M-S	b1.90 to	2.70%	--
Wat Wks Rev (1954 ser)			
2½s April 1 1964-74	b1.90 to	3.00%	--
Wat Wks Rev (1955 ser)			
2¾s 1964-75 J-J	b1.90 to	3.10%	--
3¼s 1964-1986 J-D	b1.90 to	3.40%	--
Augusta (City)—			
2¾s 1964-78 J-D	b1.90 to	2.70%	--
Water Works Revenue			
Anticipating ctfs 1952 ser			
3s-2s-2-20s Aug 1 '64-72	b1.90 to	3.10%	--
Chatham Co 2s 1964-81 J-J	b1.90 to	3.40%	--
Coastal Highway District			
Savannah River Crossing			
3¾s Bdge Rev 1982 M-N	94	98	--
Columbus (City) 2s '64-77 A-O	b1.90 to	3.40%	--
De Kalb Co 2s 1964-77 J-J	b1.90 to	3.40%	--
Fulton Co 1½s 1964-76 J-J	b1.90 to	3.25%	--
3¼s 1964-1987 J-J	b1.90 to	3.40%	--
Macon (City of)—			
2½s gen oblig 1964-75 M-S	b1.90 to	3.20%	--
Muscogee County—			
School 2s 1964-70 J-J	b1.90 to	3.40%	--
School 2¼s 1971-80 J-J	b1.90 to	3.40%	--

a Called for redemption. see page 94 b Basis. f Flat price k Last sale. n Nominal. r Canadian dollar value.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Bonds—	Yield Basis or To Bid	Ask	Net
Richmond (County)—			
Board of Ed 2¾s '64-79 J-J	b1.90 to 3.25%		--
Savannah 2½s 1964-67 J-D	b1.90 to 2.50%		--
2s 1964-1980 J-D	b1.90 to 3.40%		--
HAWAII			
State (G O)—			
Various 1964-77	b2.00 to 3.05%		--
Hwy rev various 1964-89	b2.10 to 3.45%		--
Aviation rev 4.30s 1984 J-J	104	--	--
3s 1964-1971 M-N	b2.10 to 2.85%		--
3¼s 1972-1977 M-N	b2.90 to 3.15%		--
3.40s 1978-1981 M-N	b3.20 to 3.25%		--
Gen oblig ser B of 1962			
2½s 1965-1972 M-N	b2.10 to 2.90%		--
2¾s 1973-1980 M-N	b2.95 to 3.25%		--
2.90s 1981-1982 M-N	b3.25 to 3.30%		--
Hawaii Harbor rev 1964-77	b2.10 to 3.15%		--
Hawaii County G O			
Various 1964-78	b2.80 to 3.10%		--
Water rev various 1964-81	b2.10 to 3.25%		--
Kauai County G O			
Various 1964-78	b2.10 to 3.20%		--
Maui County G O			
Various 1964-82	b2.10 to 3.30%		--
Honolulu G O			
Various 1964-84	b2.00 to 3.20%		--
Board Water Supply rev			
Various 1964-83	b2.10 to 3.30%		--
Honolulu (City & County)—			
General Obligations			
5s 1966-1975 M-N	b2.25 to 3.05%		--
3¾s 1976-1989 M-N	b3.10 to 3.40%		--
1s 1990-1991 M-N	--	--	4.40
Consol System Rev Ref & Imp Series D—			
6s 1964-1972 J-J	b2.10 to 3.00%		--
5s 1973 J-J	--	--	2.95
4½s 1974 J-J	--	--	3.00
3.70s 1975-1977 J-J	b3.15 to 3.25%		--
3½s 1978-1980 J-J	b3.30 to 3.35%		--
3.40s 1981-1982 J-J	--	--	3.40
3½s 1983-1984 J-J	--	--	3.45
1.10s 1985 J-J	--	--	4.30
ILLINOIS			
Illinois State Toll Hwy Comm			
Northern Ill Toll Hwy			
3¾s revenue 1995 J-J	92¾	93¾	--
4¾s revenue 1998 J-J	107¼	108¼	--
Illinois (various purposes)—			
4s 1964-1966 A-O	b1.40 to 1.90%		--
2¾s 1967-1975 A-O	b2.00 to 2.60%		--
3s 1976-1986 A-O	b2.65 to 3.00%		--
Various purposes ('62 issue)			
4s 1964-1966 J-D	b1.40 to 1.90%		--
2¾s 1967-1976 J-D	b2.00 to 2.60%		--
3s 1977-1987 J-D	b2.65 to 3.00%		--
Various purposes ('63 issue)			
2½s 1964-1969 A-O	b1.50 to 2.20%		--
2¾s 1970-1979 A-O	b2.30 to 2.75%		--
3s 1980-1988 A-O	b2.80 to 3.00%		--
Service Recognition ser A—			
1¾s 1964-72 M-N	b1.60 to 2.75%		--
Bloomington—			
Sewer rev 2½s 1964-70 M-N	b1.75 to 3.00%		--
Sewer rev 2¾s 1971-79	b3.05 to 3.30%		--
Chicago (City)—			
2½s 1968 opt 1964-68 J-J	b1.50 to 2.35%		--
2s 1964-70 J-J	b1.50 to 2.60%		--
1½s 1964-68 J-J	b1.50 to 2.50%		--
Board of Education—			
3⅜s 1964-1981 M-N	b1.70 to 3.15%		--
Sch bldg 3s 1964-73 M-S	b1.70 to 2.75%		--
Sch bldg 2¼s '64-74 M-N	b1.70 to 3.00%		--
Sch bldg 3⅜s '64-80 M-N	b1.70 to 3.10%		--
General Obligation			
3¼s 1964-1973 J-J	b1.70 to 2.70%		--
3½s 1974-1979 J-J	b2.75 to 3.00%		--
School Bldg of 1958—			
3¼s Dec 1 1964-78	b1.70 to 3.00%		--
School Bonds series D—			
2⅞s Oct 15 1965-'81 A-O	b2.00 to 3.20%		--
Hsg Auth 2⅜s June 1977	--	--	2.90
Sewer & Superhighway—			
1½s 1964-66 J-J	b1.70 to 2.90%		--
Transit Authority—			
Revenue series of 1947:			
3½s 1964-65 J-J	b2.00 to 2.60%		--
3⅝s 1966-72 J-J	b2.70 to 3.25%		--
3¾s 1978 J-J	101	102	--
Revenue series of 1952—			
4½s July 1 1982	104	105	--
Waterworks System—			
Ctfs of indebtedness			
4¼s 1964-1978 J-D	b1.80 to 3.10%		--
4s 1979-1984 J-D	b3.15 to 3.30%		--
3s 1971-1979 M-S	b2.75 to 3.10%		--
3⅜s 1973-1979 M-S	b2.85 to 3.10%		--
3⅛s 1982-1985 M-S	b3.25 to 3.30%		--
Calumet Skyway Toll Bridge			
3⅜s revenue 1995 J-J	f55	57	--
4⅜s revenue 1995 J-J	f64	67	--
Chicago-O'Hare Int Airport—			
4¾s revenue 1999 J-J	114¼	115¼	--
Chicago Regional Port Dist—			
4s revenue 1995 J-J	100	101½	--
Chicago Sanitary District—			
2⅜s construction series 12—			
Jan 1 1968 opt '64-69 J-J	b1.70 to 2.60%		--
2s ref 1966 opt '64-65 J-J	b1.70 to 1.90%		--
2½s construction series 13—			
Jan 1 1969 opt '64-68	b1.70 to 2.50%		--
2¼s construction series 14—			
Jan 1 1969 opt '64-69	b1.70 to 2.60%		--
2⅛s construction series 16—			
Jan 1 1971 opt '64-69	b1.70 to 2.60%		--
2⅛s construction series 18—			
Jan 1 1971 opt '64-70	b1.70 to 2.70%		--
2¼s construction series 19—			
Jan 1 1972 opt '64-71	b1.70 to 2.80%		--
Cook County—			
Expressway series A			
2⅝s 1964-75 A-O			
Expressway series C	b1.70 to 3.00%		--
2¾s 1964-73 A-O	b1.70 to 2.75%		--
Expressway series E			
4s 1964-77 J-D	b1.70 to 3.00%		--
Cook County (Continued)—			
Expressway series G			
3¼s 1966-75 J-D	b2.10 to 2.90%		--
Expressway series H			
3½s 1964-76 A-O	b1.70 to 2.95%		--
Expressway series I—			
2⅞s 1964-1977 M-N	b1.70 to 3.10%		--
Public Bldg Commission			
Cook County (Public Bldg Rev Ser of '63)—			
4s 1966-1971 J-J	b2.20 to 2.75%		--
3¼s 1972-1979 J-J	b2.85 to par		--
3.30s 1980-1981 J-J	--	--	3.25
3⅜s 1982 J-J	--	--	3.30
3.40s 1983-1984 J-J	--	--	3.35
Superhighway bonds—			
2½s 1969 opt 1964-69	b1.70 to 2.60%		--
2⅛s ser B 1970 opt '64-70	b1.70 to 2.80%		--
2¼s ser C 1972 opt '64-70	b1.70 to 2.80%		--
3s ser D 1973 opt '64-72	b1.70 to 2.70%		--
Decatur (water rev)—			
2.10s Sept 1 1964-79	b2.00 to 3.40%		--
Evanston—			
Water Rev 2¼s 1964-73 J-J	b1.70 to 3.00%		--
Water Rev 2½s 1974-79 J-J	b3.10 to 3.30%		--
3½s gen oblig 1964-79 J-J	b1.60 to 3.00%		--
Springfield (City of)—			
Elec rev 2½s 1964-74 M-S	b1.65 to 2.85%		--
INDIANA			
Indiana Toll Road Comm—			
3½s 1994	91½	92½	--
Indiana Sanitary District—			
2⅜s of Jan 1 1964-'87	bPar to 3.60%		--
Ind State Office Bldg Comm			
4.20s 1980-88 J-J	b3.45 to 3.55%		--
East Chicago—			
2s sch dist 1964-69 J-J	bPar to 2.85%		--
Fort Wayne—			
Waterworks rev of 1951—			
2½s 1964-76 J-J	bPar to 3.35%		--
Indiana University—			
2½s 1964-69 M-N	bPar to 2.80%		--
Indianapolis Gas Util Rev—			
3½s 1964-1967 J-D	bPar to 2.50%		--
2⅞s 1964-1969 J-D	bPar to 2.65%		--
1⅞s sewer imp 1964-81 J-J	bPar to 4.20%		--
1⅝s sch bldg 1964-70 A-O	bPar to 3.55%		--
South Bend Housing Auth—			
3½s Aug 1 2000	99	100	--
IOWA			
Korean Service Compensation			
2½s Dec 1 1964-1976 J-D	b1.70 to 2.85%		--
Council Bluffs—			
1⅞s 1967-71 J-D	b2.55 to 3.00%		--
Des Moines—			
Lib Mem 2s 1964-71 J-D	b2.00 to 3.00%		--
Scott County—			
1¼s 1964-65	b2.25 to 2.35%		--
Waterloo (School Building)—			
1¾s 1964-69 M-N	b2.10 to 2.85%		--
KANSAS			
Kansas Turnpike Authority—			
3⅜s Turnpike Au 1994 A-O	89¾	90¼	--
Kansas City Expway Rev			
5s 1964-1970 M-N	b1.75 to 2.75%		--
4½s 1971-1973 M-N	b2.80 to 2.90%		--
4⅜s Terminal 1997 M-N	--	--	3.60
Lawrence (City of)—			
Wat & Sew Sys Rev ser A—			
2s 1964-72 A-O	b1.90 to 2.90%		--
2¼s 1973-83 A-O	b2.95 to 3.45%		--
Wichita (City of)—			
Board of Education—			
1¾s Feb 1 1964-69	b1.85 to 2.90%		--
Waterworks rev (series '57)			
5s 1964-70 A-O	b1.90 to 2.90%		--
4¼s 1971-76 A-O	b2.95 to 3.20%		--
4.40s 1977-79 A-O	b3.25 to 3.35%		--
4½s 1980-87 A-O	b3.40 to 3.60%		--
KENTUCKY			
Commonwealth of Kentucky—			
G O Highway			
3s 1964-1967 J-J	b1.90 to 2.30%		--
2.90s 1968-1969 J-J	b2.35 to 2.60%		--
3s 1964-1967 J-J	b2.60 to 2.80%		--
3s 1973-1986 J-J	b2.95 to 3.45%		--
G O Park & Hwy purposes			
3.60s 1970-1971 J-J	b2.70 to 2.85%		--
3.60s 3¾s 1972 J-J	--	--	2.90
3.60s 3¾s 1973 J-J	--	--	3.50
3.60s 1974-1990 J-J	b3.15 to 3.65%		--
Veterans Bonus Bonds—			
3¾s 1964-1972 J-J	b2.10 to 2.95%		--
3½s 1973-1981 J-J	b3.05 to 3.30%		--
3.60s 1982-1985 J-J	b3.40 to 3.50%		--
3.70s 1986-1987 J-J	b3.50 to 3.60%		--
3¾s 1988-1990 J-J	b3.65 to 3.70%		--
Bridge Revenue—			
Project No. 18 3¼s 1983	101	102½	--
Project No. 19 3½s 1984	97½	99½	--
Turnpike Revenue—			
3.40s (series 1954) 1994 J-J	100	101¼	--
Turnpike Toll Road—			
4.85s July 1 2000	112½	113½	--
Highway Authority—			
Eastern Ky Toll Road Rev—			
4.80s 2000 J-J	111	112½	--
Voted Veterans Bonus—			
3s 1974-1976 J-J	b3.10 to 3.25%		--
3⅝s 1977-1982 J-J	b3.20 to 3.50%		--
3.40s 1983-1989 J-J	b3.50 to 3.65%		--
1.10s 1990 J-J	--	--	4.15
Covington 2¼s 1964-86 J-J	b2.20 to 3.95%		--
School Dist 3½s 1964-65 J-J	b2.20 to 2.50%		--
3s 1966-1980 J-J	b2.70 to 3.70%		--
3¼s 1981-1996 J-J	b3.75 to 4.20%		--
Frankfort—			
Elec Light & Pow Rev			
2½s 1966 J-J	b2.85	2.75	--
2¾s 1970 J-J	b3.25	3.20%	--
3s 1975-1984 J-J	b3.45 to 3.75%		--
Henderson (City of)—			
Elec Light & Pow Rev			
2¾s 1964-1976 J-D	b2.25 to 3.50%		--
3s 1977-1985 J-D	b3.60 to 3.80%		--
Jefferson County—			
School Bldg rev 2¾s 1970	b3.25 to 3.35%		--
2¾s 1964-1973	b2.15 to 3.25%		--
Louisville—			
4½s sewer 1969 J-D	b2.75 to 2.85%		--
4¼s ref 1965 J-D	b2.35	2.25%	--
4¼s Jan 1 1970 J-J	b2.80	2.70%	--
1¾s June 1 1976-87	b3.40 to 3.90%		--
Water Revenue			
2.40s 1964-1965 M-N	b2.20 to 2.30%		--
2.40s 1966-70 M-N	b2.30 to 3.00%		--
2.40s 1971-74 M-N	b3.20 to 3.40%		--
2½s 1978-84 M-N	b3.40 to 3.60%		--
Louisville & Jefferson County Metropolitan Sewer Dist—			
Sewer Revenue (series 1949)			
2s 1964-73 M-S	b2.15 to 3.25%		--
1¾s 1974 M-S	b3.50	3.40%	--
2½s 1975-94	b3.40 to 3.90%		--
4s 1990 M-S	--	--	3.75
Owensboro (City of)—			
Elec Lt & Pow rev ('51 ser)			
2½s 1964-68 M-S	b2.95 to 3.20%		--
2¾s 1969-78 M-S	b3.10 to 3.60%		--
Electric Light & Power rev			
Station No 2 series			
3.90s Jan 1 1991	103	104½	--
Paducah 4½s w w 1970 A-O	b3.40	3.25%	--
Electric—			
4½s 1969	b3.20	3.10%	--
4¼s 1972	b3.40	3.30%	--
4s 1973-1978	b3.25 to 3.50%		--
3.90s 1979-1982	b3.60 to 3.70%		--
4s 1983-1985	--	--	3.75
3½s 1986-1988	b3.80 to 3.85%		--
LOUISIANA			
Louisiana Fiscal Authority—			
4¼s 1965-1982 J-J	b2.50 to 3.50%		--
4.30s 1983-1987 J-J	b3.50 to 3.75%		--
Fiscal Authority (series D)			
4½s 1964-1967 M-S	b1.70 to 2.40%		--
3⅜s 1968-1982 M-S	b2.50 to 3.50%		--
2½s 1983 M-S	--	--	3.55
Chef Menteur Hammond & New Orleans Highway—			
3½s ser C dated Jan 1 1938 matures in 5 yrs	b2.50	2.30%	--
Highway 3¾s series Q—			
Dated Jan 1 1937 matures in 4½ years	b2.50	2.30%	--
Refunding 3¼s dated Aug 1 1938 matures in 5 years	b2.40	2.25%	--
Institutional Improvement—			
1¼s ser B dated May 1 '46			
Matures in 5 years	b2.70	2.50%	--
Matures in 10 years	b3.00	2.80%	--
Highway 3¾s series S—			
Dated July 1 '37 due in 5 yrs	b2.50	2.30%	--
Highway 2½s series HH—			
Dated Jan 1 1947—			
Due in 5 years	b2.50	2.30%	--
Due in 10 years	b2.80	2.60%	--
Highway 2½s ser 1-B—			
Dated Nov 1 1949—			
Due in 5 years (opt at 102)	b2.50	2.30%	--
Highway 1½s series EE—			
Dated July 1 1943—			
Due in 5 yrs (opt at 100)	b2.70	2.50%	--
Public Bldg series C			
5s 1964-1970 M-S	b1.75 to 2.70%		--
4s 1971-1975 M-S	b2.75 to 3.05%		--
3¼s 1976-1984 M-S	b3.10 to 3.30%		--
Veterans refunding bonus—			
2¾s dated Jan 15 1953—			
Mature in 5 years	b2.50	2.30%	--
2.20s matures in 6 yrs	b2.60	2.40%	--
2.10s matures in 8 yrs	b2.80	2.60%	--
Board of Commissioners of the Port of New Orleans			
6s 1972-1976 J-J	b2.70 to 2.90%		--
3½s 1977-1995 J-J	b2.95 to Par		--
Ascension St James Bridge and Ferry Authority—			
4.45% bdge rev 2001 M-N	104	106	--
Atchafalaya Levee District—			
5s Sept 1964-72 M-S	b1.70 to 3.00%		--
Caddo Parish—			
Wide S D 2½s 1964-76	b1.85 to 3.10%		--
East Baton Rouge Parish—			
Consol Sch Dist No 1:			
2½s Feb 1 1966	99	100	--
Recreation & Park Com—			
2½s 1964-68 A-O	b1.70 to 2.70%		--
Greater Baton Rouge Port—			
2¾s ser A 1964-68 M-N	b1.80 to 2.80%		--
2.60s ser A 1969-73 M-N	b2.90	3.10%	--
2¾s ser A 1974-85 M-N	b3.20	3.60%	--
2.80s ser 1986-94 M-N	b3.70 to 3.80%		--
3¼s series B 1965-71 M-N	b2.20 to 2.90%		--
3.30s series B 1972-77 M-N	b3.00 to 3.30%		--
Greater New Orleans Exp'wy—			
4s Nov 1 1994	104	106	--
Mississippi River Bdge Auth—			
3.60 Bridge rev 1994 M-N	103	104	--
Monroe 2¼s 1965-72 M-N	b2.80 to 3.20%		--
New Orleans—			
4½s serial gold 1964-80	b1.80 to 3.30%		--
2¾s 1964-69 M-N	b1.80 to 2.80%		--
2½s 1970-89 M-N	b3.00 to 3.60%		--
Union Passenger Term Rev			
3s 1964-67 J-J	b1.80 to 2.70%		--
2¾s 1968-78 J-J	b2.80 to 3.20%		--
2½s 1979-87 J-J	b3.30 to 3.60%		--
2s 1998 J-J	--	--	3.75
Orleans Parish—			
School bonds series B—			
2¾s 1964-73 M-N	b1.80 to 2.90%		--
3s 1974-92 M-N	b3.00 to 3.80%		

a Called for redemption. see page 94. f Flat price.

tized for FRASER

STATE AND MUNICIPAL BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Bonds—	Yield Basis or To Bid	Ask	Net
Shreveport—			
5s Dec 1 1964-69 J-D	b1.80 to 2.90%		--
1¾s 1964-67 J-J	b1.80 to 2.70%		--
MAINE			
3s 1964-1968 J-J	b1.70 to 2.20%		--
Gen Oblig 2¾s 1966-76 A-O	b1.90 to 2.30%		--
Gen Oblig H'way & Bdge—			
1.90s 1964-67 A-O	b1.70 to 2.10%		--
1½s Aug 1 1967	--	--	2.10
Bangor Water 3¾s Mar 1 1998	b3.80 to 3.60%		--
Maine School Bldg Auth—			
4½s 1972	--	--	3.00
Maine Turnpike Authority—			
4s rev ref & ext 1989 J-J	102½	105	--
Portland (City of)—			
1¾s July 1 1964-69	b2.20	2.00%	--
1.60s 1964-1971 M-N	b2.60 to	2.75%	--
Portland Water District—			
2s 1970	--	--	3.05
2⅞s 1978	--	--	3.15
1¾s 1972	--	--	3.20
MARYLAND			
Bridge & Tunnel Revenue			
Term 3s Oct 1 1994	102½	105	--
Northeastern Expressway Rev			
4⅛s 2002 J-J	108¼	110¾	--
Certificates of Indebtedness—			
3¼s 1964-1974 J-J	b2.00 to 2.85%		--
3s 1964-1975 J-J	b2.00 to 2.90%		--
2⅝s 1966-1978 A-O	b2.15 to 3.00%		--
2⅜s 1964-1973 M-N	b2.00 to 2.75%		--
1¾s certificates of indebtedness 1964-68 J-D	b2.00 to 2.70%		--
1¼s 1964-66 M-S	b2.10 to 2.40%		--
State Roads Commission			
Revenue series E—			
2½s 1964-66 F-A	b2.10 to 2.50%		--
2.60s 1967-68 F-A	b2.40 to 2.65%		--
Allegany County—			
1.90s 1964-74 J-J	b2.15 to 3.50%		--
Anne Arundel County—			
2¼s 1964-66 M-N	b2.20 to 2.70%		--
2.40s 1968-73 M-N	b2.60 to 3.20%		--
1¾s 1969 M-S	--	--	3.20
Baltimore 3½s 1964-69	b2.00 to 2.65%		--
3½s water 1970-1981 M-N	b2.75 to 3.20%		--
1½s 1964-72 M-N	b2.00 to 3.40%		--
1½s 1976 M-N	--	--	3.50
1½s 1979 J-D	--	--	3.65
1¾s 1964-77 M-N	b2.00 to 3.50%		--
Baltimore County—			
1¾s 1964-65 M-N	b2.00 to 2.40%		--
Metropolitan District—			
1½s 1964-65 F-A	b2.10 to 2.50%		--
1.60s 1966-83 F-A	b2.90 to 3.80%		--
1½s 1965-76 M-N	b2.50 to 3.65%		--
Issues dated Jan 1 1950—			
2s Jan 1 1964-81	b2.00 to 3.75%		--
2¼s Jan 1 1982-87	b3.60 to 3.70%		--
Issue dated June 1 1951—			
2½s 1964-1991 J-D	b2.00 to 3.85%		--
Pub Fac 2.30s 1964-81 J-D	b2.00 to 3.60%		--
Hagerstown 1½s 1967	--	--	2.90
Harford County (Public			
Sch Const) 2s 1964-73 J-J	b2.00 to 3.25%		--
Montgomery County—			
4½s 1964-68 M-N	b2.10 to 2.65%		--
3s 1964-68 M-S	b2.10 to 2.65%		--
Refunding of '45 series B			
1½s 1964-73 M-S	b2.20 to 3.40%		--
Gen imp 2½s 1964-72 M-N	b2.00 to 3.10%		--
Prince George's County—			
1½s 1967	--	--	3.10
Washington Sub San Dist—			
2.70s Oct 1 1964-87	b2.15 to 3.75%		--
2.40s Aug 1 1964-67	b2.15 to 2.70%		--
2¼s 1964-68 J-D	b2.15 to 2.90%		--
MASSACHUSETTS			
Mass Authority Turnpike Rev			
(ser 1954) 3.30s May 1 '94	97¾	98¾	--
4¾s ser A Jan 1 2002	113	114	--
4-5s ser B Jan 1 2002	108¼	109¼	--
2¾s 1962-2005 F-A	--	--	3.60
2½s 1964-1976 F-A	b1.90 to 3.10%		--
3¾s 1964-1978 A-O	b1.90 to 2.90%		--
Tunnel Revenue—			
4¾s Apr 1 1999	111½	113	--
Mass Port Authority—			
4¾s rev ser A 1998	111½	113	--
Highway Imp & Capital outlay			
3½s Feb 1 1964-2009 F-A	b1.90 to 3.60%		--
3½s 1964-2010 A-O	b1.90 to 3.60%		--
Various Bonds—			
3.30s 1964-2009 A-O	b1.90 to 3.60%		--
3.10s capital outlay 64-77 A-O	b1.90 to 2.85%		--
3.10s various 1964-82 A-O	b1.90 to 3.05%		--
3s 1979-1998 J-D	b3.05 to 3.40%		--
3s May 1 1964-2002	b1.90 to 3.50%		--
2.80s May 1 1964-1983	b1.90 to 3.05%		--
2.30s Highway 1964-75 M-N	b1.90 to 2.80%		--
2¼s 1964-1978 J-D	b1.90 to 3.20%		--
1.90s 1964-67 M-S	b1.90 to 2.60%		--
1.70s 1964-70 M-S	b1.90 to 3.00%		--
1¾s 1964-79 J-J	b1.90 to 3.70%		--
1.60s 1964-69	b1.90 to 3.00%		--
Reg 1½s Jan 1 1964-1972	b2.00 to 3.40%		--
1.30s 1964-70	b2.60 to 3.25%		--
Reg 1s 1964-65 M-S	b2.50 to 2.75%		--
Guaranteed Housing Authority			
1¾s 1964-69 J-J	b1.90 to 3.10%		--
1¾s 1970-91 J-J	b3.15 to 4.00%		--
1⅞s 1964-91 A-O	b1.90 to 4.00%		--
2s Oct 1 1964-91	b1.90 to 3.95%		--
2⅛s 1964-92 A-O	b1.90 to 3.95%		--
2½s 1964-92 A-O	b1.90 to 3.90%		--
Veterans' Services Fund—			
1¾s 1964-65 M-N	b1.90 to 2.10%		--
2.40s 1964-66 M-N	b1.90 to 2.30%		--
Highway Imp & Met Sew—			
2.10s 1964-75 M-N	b1.90 to 3.30%		--
Metropolitan Dist Wat Main—			
1.70s 1964-1981 M-N	b1.90 to 3.70%		--
Metropolitan Water Loan—			
2s reg 1964-68 J-J	b2.00 to 2.70%		--
1¼s 1964-66 M-S	b2.30 to 2.90%		--
1¾s 1964-69 J-J	b1.90 to 2.90%		--
1.70s 1964-77 A-O	b1.90 to 3.65%		--
Metropolitan Sewer Loan—			
1¼s 1964-68 M-S	b2.30 to 3.00%		--
1¾s Met Dist Wat 64-78 J-D	b1.90 to 3.65%		--
Capital Outlay bonds—			
3½s Oct 1 1964-1979	b1.90 to 3.05%		--
Metropolitan Water District—			
3.60s Oct 1 1964-1989	b1.90 to 3.40%		--
Boston—			
3s May 1 1992	--	--	3.60
2¾s 1964-1968 J-D	b2.00 to 2.70%		--
2¼s pub ways & sewers			
1964-73 A-O	b2.00 to 3.30%		--
1¾s May 1 1964-77	b2.20 to 3.60%		--
1½s 1964-1976 J-D	b2.20 to 3.65%		--
1¼s 1964-78 F-A	b2.20 to 3.75%		--
Metropolitan District—			
1¼s 1964-69 M-S	b2.10 to 3.10%		--
1¾s 1964-69 F-A	b2.00 to 3.00%		--
1⅞s 1964-72 F-A	b2.00 to 3.25%		--
2s 1964-1980 J-D	b1.90 to 3.60%		--
Brockton 1½s 1964-70 M-N	b2.15 to 3.20%		--
Brookline 1½s 1964-79 J-D	b1.90 to 3.50%		--
Chicopee 2¾s 1964-68 M-N	b2.00 to 2.60%		--
Fall River (City of)—			
2s 1964-80 J-J	b2.00 to 3.60%		--
Framingham (Town of)—			
2.20s 1964-71 J-J	b1.90 to 2.90%		--
Gardner (City of)—			
2.20s 1964-71 J-J	b1.90 to 2.90%		--
Lexington (Town of)—			
1¾s 1964-1978 J-D	b2.00 to 3.60%		--
Lynn 2s 1964-69 M-S	b1.90 to 3.00%		--
Newton 2⅝s 1964-69 A-O	b1.90 to 2.60%		--
Pittsfield (City)—			
1.90s Vets Hous 1964-68 M-S	b1.90 to 2.90%		--
1.80s water 1964-68 J-J	b1.90 to 2.95%		--
Somerville 2½s 1964-69 J-J	b1.90 to 2.65%		--
Springfield—			
3.10s 1964-1981 J-J	b1.80 to 3.00%		--
2s new disp 1964-88 M-N	b1.80 to 3.50%		--
1.60s 1964-81 M-N	b1.90 to 3.60%		--
1¾s St & Sew 1964-79 J-D	b1.90 to 3.55%		--
Weymouth 1½s 1964-70 M-N	b2.15 to 3.10%		--
Worcester (City)—			
1¼s 1964-69 J-J	b2.00 to 3.00%		--
MICHIGAN			
Veteran Bonds—			
1½s Mar 15 1965 opt 1952	--	--	2.10
1¼s 1964-65 M-S	b1.80 to 2.20%		--
Detroit Expressway series III			
5s 1964-1965 M-S	b1.90 to 2.10%		--
3½s 1966 M-S	--	--	2.30
3s 1967-1972 M-S	b2.45 to 2.85%		--
3¼s 1973-1978 M-S	b2.90 to 3.15%		--
3⅜s 1979-1982 M-S	b3.15 to 3.20%		--
3½s 1983-1984 M-S	b3.25 to 3.30%		--
Limited Access Highways—			
Revenue bonds series I			
2½s 1964-65 A-O	b1.85 to 2.15%		--
2s 1966-76 A-O	b2.40 to 3.35%		--
Limited Access Highway			
Dedicated Tax series 1952			
2s 1965-71 A-O	b2.20 to 3.10%		--
Grand Rapids Expressway—			
Limited access			
1¾s 1965-69 A-O	b2.25 to 3.05%		--
2s 1970-75 A-O	b3.00 to 3.30%		--
2¼s 1976-78 A-O	b3.30 to 3.40%		--
Highway Construction series I			
3s 1965-1979 A-O	b2.10 to 3.10%		--
Trunk Line H'way (series I)—			
4s 1964-1965 F-A	b1.90 to 2.10%		--
3s 1966-1970 F-A	b2.30 to 2.75%		--
3¼s 1971-1978 F-A	b2.80 to 3.15%		--
3⅜s 1979-1982 F-A	b3.15 to 3.20%		--
Trunk Line H'way (series II)			
5s 1964-1968 M-S	b1.90 to 2.60%		--
4s 1969-1971 M-S	b2.65 to 2.80%		--
4¼s 1972-1976 M-S	b2.85 to 3.10%		--
Trunk Line H'way (series VII)			
5s 1964-1967 M-N	b1.90 to 2.45%		--
3¼s 1968-1971 M-N	b2.60 to 2.80%		--
3½s 1972-1976 M-N	b2.85 to 3.10%		--
3¾s 1977-1982 M-N	b3.15 to 3.25%		--
3⅞s 1983-1986 M-N	b3.30 to 3.35%		--
Korean Veterans'—			
2¼s 1964-1966 J-D	b1.80 to 2.15%		--
1¾s 1967-1970 J-D	b2.70 to 2.95%		--
Detroit—			
Public Sewer bonds—			
2s Dec 15 1964-65	b2.00 to 2.25%		--
2¼s Dec 15 1966-76	b2.35 to 3.40%		--
1½s Dec 15 1977-78	--	--	3.90
Pub Sew Pub Imp & Util Ltg			
5s 1964-1972 F-A	b2.00 to 2.95%		--
4s 1972 F-A	--	--	2.90
4¼s 1973 F-A	--	--	3.00
4s 1973-1978 F-A	b3.00 to 3.25%		--
4¼s 1979-1982 F-A	b3.30 to 3.45%		--
1s 1983-1985 F-A	--	--	4.15
Lansing (City of)—			
Elec Plant 1½s '64-74 M-N	b1.90 to 3.40%		--
Mackinac Bridge Authority—			
4s Bdge rev ser A 1994 J-J	102	103½	--
5¼s Jan 1 1994	102½	104	--
Midland (Water Revenues)—			
1¾s-2s-2¼s-3s 1964-75 M-S	b1.90 to 3.20%		--
Muskegon (Water Revenue)—			
3½s-1¾s-2s 1964-80 J-J	b1.90 to 3.65%		--
Royal Oak (City of)—			
Ref 2¾s 1964-65 M-S	b2.00 to 2.25%		--
Ref 2½% to 1965			
opt 3¼% to maturity	99½	--	--
Ref 3s-3¾s 1970-73			
optional 1960-61	99½	--	--
Saginaw Water Revenue—			
1½s-1¾s-2s 1964-76 M-S	b2.00 to 3.70%		--
Wayne (County of)—			
4¼s water 1964-65 M-N	b2.00 to 2.20%		--
4s wtr 1966-68 opt '65 M-N	102¼	--	--
MINNESOTA			
2¾s 1964-1983 F-A	b1.70 to 3.20%		--
Aeronautics ctfs of indebt—			
3.40s July 1 1964-1970	b1.70 to 2.60%		--
Trunk Highway			
2.90s 1964-1973 F-A	b1.70 to 2.85%		--
2½s 1964-1977 M-S	b1.70 to 2.90%		--
State Building—			
2.70s 1965-1974 J-J	b1.85 to 2.85%		--
3s 1975-1981 J-J	b2.85 to 3.10%		--
3.10s 1982-1983 J-J	b3.10 to 3.20%		--
State Building ctfs—			
3.50% May 1 1964-1979	b1.70 to 3.00%		--
Rural Credit Def Fund—			
1.70s 1965-1967 J-J	b1.75 to 2.00%		--
State Building Certificates—			
3s 1964-1976 F-A	b1.70 to 2.85%		--
Minneapolis—			
2.60s 1964-66 A-O	b1.75 to 2.25%		--
2½s 1964-67 M-S	b1.75 to 2.30%		--
2.30s various 1964-79 M-S	b1.75 to 3.50%		--
2.10s various 1964-79 M-S	b1.75 to 3.50%		--
2s ref 1964-69 M-S	b1.75 to 2.50%		--
1.90s 1964-74 M-N	b1.75 to 2.90%		--
Housing Authority—			
3⅛s 1964-2003 M-S	b1.75 to 3.60%		--
Minneapolis-St Paul—			
Metropolitan Airport Com—			
2s 1964-68 M-N	b1.75 to 2.20%		--
2¼s 1970-78 M-N	b2.70 to 3.10%		--
Olmsted County—			
Independent S D No 8			
1 & 1¼% 1964-67 J-J	b1.80 to 2.30%		--
St Paul—			
3¼s Aug 1 1965-1992	b1.90 to 3.50%		--
3.20s 1964-1989 F-A	b1.90 to 3.35%		--
2.40s Wat Wks 1969 M-N	--	--	2.60
2.30s Imp 1964-68 F-A	b1.80 to 2.30%		--
2.30s Imp 1970-78 F-A	b2.60 to 3.25%		--
2¼s 1964-1984 A-O	b1.80 to 3.50%		--
2.20s 1964-1969 J-J	b1.80 to 2.85%		--
2.20s 1970-1984 J-J	b2.60 to 3.30%		--
MISSISSIPPI			
General oblig School ser D			
3¼s 1965-1968 M-N	103	104½	--
3½s 1969-1975 M-N	103½	105	--
River Bridge Authority—			
3.60s Nov 1 1994	102½	105½	--
Highway Bonds—			
2⅜s 1964-1970 F-A	b2.90	2.80%	--
2½s 1964-1970 F-A	b3.00	2.80%	--
2.40s Aug 1 1971	b3.00	2.80%	--
2½s Feb and Aug 1 1972	b3.10	2.90%	--
2.60s Feb and Aug 1 1973	b3.10	2.90%	--
2.60s Feb and Aug 1 1974	b3.15	3.00%	--
3s 1964-1969 F-A	b3.10	2.90%	--
3.10s 1969-1971 F-A	99½	101½	--
3s 1964-1966 F-A	99	101	--
2.90s 1967 F-A	b3.10	2.90%	--
MISSOURI			
State of Missouri—			
2¼s 1964-1971 M-S	b2.00 to 2.60%		--
2⅜s 1972-1977 M-S	b2.65	2.90%	--
State Bldg bonds series B—			
2¼s 1964-1975 M-N	b2.00	2.80%	--
2⅜s 1976-1979 M-N	b2.85	2.95%	--
Independence (Elec Lt Wks Rev)			
4¾s 1964-1972 J-J	b2.15	3.15%	--
4¾s 1973-87 opt 1972 J-J	b3.20	3.85%	--
Kansas City—			
3¾s various 1964-72	b2.10	2.75%	--
3s 1964-75 M-S	b2.10	2.85%	--
2¾s 1967 J-J	--	--	2.35
2¾s 1970-73 J-J	b2.65 to 2.80%		--
2½s 1964-75 A-O	b2.10	2.95%	--
Airport rev 4¼s 1964-79 J-J	b2.50	3.80%	--
Water Works Improvement			
1½s 1964-67 M-S	b2.15 to 2.85%		--
St Louis (City of)—			
2¾s Feb 1 1964-1977	b2.10 to 3.00%		--
Water Revenue 1963 issue)			
5s 1964-1973	b2.15	2.80%	--
3s 1974-1979	b2.85 to 3.10%		--
3.20s 1980-1992	b3.15 to 3.40%		--
Springfield—			
Public Util Rev series A—			
2s 2¼s & 2½s '64-69 M-N	b2.10 to 2.60%		--
Public Util Rev 1955 ser—			
2s 1966-72 A-O	b2.45 to 3.00%		--
2¼s 1973-82 A-O	b3.00 to 3.45%		--
Waterworks Rev (1957 ser)			
4½s 1991-1997 M-N	--	--	3.90

b Basis. f Flat price. n Nominal.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Bonds—	Yield Basis or To Bid	Ask	Net
MONTANA			
War Veteran's Compensation—			
2½s 1964 J-J	b3.00 less 1		--
2¾s 1970 J-J	100½	--	--
Montana (State of)—			
1.60s Sep 1 1964-69 opt '59	b2.60 less 1		--
Cascade School District No 1 (Great Falls)—			
2s and 2¼s June 20 1964-68 opt '58	99	--	--
Helena High School District—			
2½s Jan 1 1973 opt 1963	b2.90 less 1		--
Missoula County Sch Dist—			
2.40s Sept 1 1969 opt 1959	b2.70 less 1		--
Silver Bow County S D No 1—			
(Butte) 3¾s July 1 '73 opt 63	100	--	--
Yellowstone Co S D No 2—			
Billings 2.30s Feb 1 1974—			
optional 1964	b2.90 less 1		--
NEBRASKA			
Central Neb Pub Power and Irrigation Dist Elec Rev—			
2⅝s 1964-72 M-S	b2.25 to 3.25%		--
2¼s 1973-77 M-S	b3.35 to 3.70%		--
Consumer Pub Power Dist—			
Consol Eastern System and Western System bonds—			
2s 1964-69 J-J	b2.25 to 3.25%		--
1¾s 1970-71 J-J	b3.35 to 3.45%		--
2¼s Jan 1972 J-J	--	--	3.00
1st Issue of 1951—			
1½s 1964-67 J-J	b2.40 to 3.25%		--
1¾s 1968-81 J-J	b3.35 to 3.90%		--
First Issue of 1948—			
2¾s 1964-71 J-J	b2.15 to 3.15%		--
First Issue of 1949—			
2¼s 1964-71 J-J	b2.20 to 3.30%		--
Western System Revenue— First Issue of 1947—			
2¼s 1964-71 J-J	b2.00 to 3.30%		--
Western System Revenue— Issue of 1950—			
1¾s 1964-80 J-J	b2.30 to 3.90%		--
Loup River Pub Pow Dist— Elec rec ref & impr ser C			
3¼s 1964-89	b2.00 to 3.90%		--
Omaha (City of)—			
Pub Pow Dist (Elec Rev) Issued in 1949—			
2s 1964-69 F-A	b2.35 to 2.90%		--
2¼s 1970-79 F-A	b3.00 to 3.50%		--
Pub Pow Dist (Elec Rev) Issued in 1950—			
1¾s 1964-72 F-A	b2.40 to 3.15%		--
2s 1973-80 F-A	b3.15 to 3.80%		--
NEW HAMPSHIRE			
3¼s Nov 1 1964-88 M-N	b2.00 to 3.20%		--
2.90s 1964-1993 J-D	b1.70 to 3.15%		--
2.80s 1964-1983 J-D	b1.70 to 2.90%		--
2.60s 1964-1977 J-D	b1.70 to 2.75%		--
1⅞s 1964-1980 A-O	b2.00 to 3.40%		--
Highway—			
1.60s 1964-76 M-N	b2.00 to 3.25%		--
1.70s 1964-68 M-S	b2.00 to 3.00%		--
Turnpike 2¼s 1964-1983 M-S	b2.00 to 3.40%		--
Concord (City of)—			
4¼s U T D 1964-65 J-D	b2.00 to 2.60%		--
Manchester—			
1½s Aug 1 1964-68	b2.00 to 2.50%		--
NEW JERSEY			
Highway Auth (Garden State Parkway)—			
State-Guar Parkway ser A—			
3s 1964-85 J-J	b1.70 to 3.05%		--
2¾s 1986-88 J-J	--	--	3.25
State Guar Parkway ser B			
3s 1964-68 J-J	b1.70 to 2.30%		--
2¾s 1969-71 J-J	b2.40 to 2.50%		--
2½s 1972-77 J-J	b2.60 to 3.00%		--
2¾s 1978-83 J-J	b3.00 to 3.15%		--
2⅞s 1984-88 J-J	b3.15 to 3.25%		--
State Higher Education—			
4s 1964-1967 J-J	b1.70 to 2.25%		--
3¼s 1968-1970 J-J	b2.30 to 2.50%		--
3⅜s 1971-1973 J-J	b2.55 to 2.75%		--
3.40s 1974-1975 J-J	--	--	2.80
Revenue			
3¼s series C 1988 J-J	95	97	--
4⅜s ser D & E 1988 J-J	105	108	--
Turnpike Authority—			
Rev 3.20 ('51 issue) '86 J-J	98	100½	--
Revenue 3¼s Jan 1 1985	99½	100¾	--
3⅜s 2nd series 1988 J-J	101½	102¾	--
3s 2nd series B 1988 J-J	95	99	--
2.80s 2nd series B 1988 J-J	91	94	--
Highway Extension—			
4½s ser B of '30 July '64-67	b1.70 to 2.25%		--
3¼s ser C of '30 Nov '64-69	b1.70 to 2.45%		--
Institutional Construction—			
3½s series A July 1964-66	b1.70 to 2.15%		--
4½s series B July 1964-67	b1.70 to 2.25%		--
4s series C April 1964-69	b1.70 to 2.45%		--
2¾s ser D May 1964-70	b1.70 to 2.50%		--
1.20s Nov 1 1964-65	b2.10 to 2.35%		--
Highway Improvement—			
2½s series F July 1964-83	b1.70 to 3.45%		--
Recreation, Conservation etc—			
4.15s 1965-1968 M-S	b1.90 to 2.35%		--
3s 1969-1983 M-S	b2.45 to 3.10%		--
3.20s 1986-1991 M-S	b3.10 to 3.20%		--
2s 1992 M-S	--	--	3.75
State Institution Constr—			
1.90s 1964-68 M-N	b1.70 to 2.75%		--
State Teachers' College—			
1¾s 1964-65 F-A	--	--	2.25
1¾s 1966-68 opt 1965 F-A	--	--	2.60
Water Development—			
4s 1964-1968 J-D	b1.70 to 2.40%		--
3s 1969-1974 J-D	b2.45 to 2.75%		--
3¼s 1975-1979 J-D	--	--	3.00
3¼s 1980-1984 'opt '75 J-D	--	--	3.15
Wat Dev Series B—			
3½s 1968-1971 A-O	b2.40 to 2.55%		--
3s 1972-1977 A-O	b2.60 to 2.95%		--
3.10s 1978-1984 A-O	b2.95 to 3.10%		--
3¼s 1985-1988 A-O	--	--	3.15
Atlantic City—			
Ref bonds of 1944			
3¼s 1964-67	100	101	--
3s Dec 1 '67 opt '48 to '54	99½	100	--
4½s gen imp 1964-79 A-O	b1.90 to 3.40%		--
Bayonne—			
4¼s school 1964-67 F-A	b1.90 to 2.65%		--
Sewage Disp Sys (ser B)			
3½s 1964-93 M-N	b1.90 to 3.75%		--
Bergen County—			
Sewer Authority			
2½s 1964-65 J-D	b1.85 to 2.25%		--
2¾s 1966-76 J-D	b2.30 to 3.35%		--
2.70s 1977-89 J-D	b3.40 to 3.65%		--
Sewer System series F			
6s 1964-1968 J-D	b1.85 to 2.60%		--
3¼s 1969-1974 J-D	b2.70 to 2.90%		--
3½s 1975-1989 J-D	b2.95 to 3.40%		--
3.60s 1990-1997 J-D	b3.40 to 3.60%		--
Bloomfield 4¼s 1964-1968 J-D	b1.75 to 2.40%		--
Camden—			
4½s water 1964-69 M-N	b1.85 to 2.65%		--
4s 1964-70	b2.00 to 2.85%		--
Ref 3.40s 1967-70 J-D	b2.60 to 2.85%		--
Camden County—			
4¼s 1964-70 J-J	b1.85 to 2.70%		--
4s 1964-68	b1.85 to 2.50%		--
Camden (Housing Author)—			
2⅜s June 1989	b3.40	3.25%	--
Clifton 3s 1964-75 F-A	b1.85 to 3.00%		--
2¼s 1964-78 M-N	b1.85 to 3.40%		--
East Orange—			
4½s 1964-1969 J-D	b1.90 to 2.60%		--
3s school 1964-74 A-O	b1.90 to 2.90%		--
Elizabeth—			
2¾s 1964-1978 M-S	b1.85 to 3.30%		--
6s 1964-72 J-J	b1.85 to 3.00%		--
Essex County—			
1.70s 1964-87 A-O	b1.75 to 3.70%		--
1.40s 1964-90 M-N	b1.75 to 3.80%		--
Glen Ridge—			
4¼s Mun Bldg 1964-70 F-A	b1.80 to 2.60%		--
1¾s sch dist 1964-85 M-S	b1.80 to 3.75%		--
Gloucester City—			
5¼s water 1964-66 M-S	b2.00 to 2.50%		--
Hackensack 3s 1964-66 M-S	b1.85 to 2.40%		--
Hamilton (Township)—			
3½s sewer 1964-1978 J-D	b1.85 to 3.10%		--
Hudson County—			
4½s 1964-78 M-N	b1.85 to 3.15%		--
2.65s 1964-70 M-N	b1.85 to 2.70%		--
Jersey City—			
5s 1964-69 A-O	b2.00 to 3.15%		--
4¼s 1964-1967 J-D	b2.20 to 3.00%		--
4s 1964-1987 J-D	b2.20 to 3.85%		--
Hospital 2.60s 1964-76 M-N	b2.20 to 3.90%		--
Water 2.60s 1964-76 M-N	b2.00 to 3.25%		--
Water Series D—			
2s 1964-71 M-N	b2.00 to 3.95%		--
Sewer Authority 1st ser—			
3¼s 1966-1992 J-J	b3.20 to 3.90%		--
Kearny—			
4½s water 1964-70 J-D	b2.00 to 2.80%		--
5½s 1964-70 J-D	b2.00 to 2.90%		--
Linden 2.45s 1964-85 M-N	b2.00 to 3.50%		--
1.60s 1964-69 M-N	b2.00 to 3.50%		--
Maplewood (Township)—			
4s 1964-1967 J-D	b2.00 to 2.60%		--
Middlesex (Borough)—			
3¾s 1964-67 J-J	b2.15 to 2.90%		--
Montclair 2½s 1964-70 M-N	b2.00 to 2.90%		--
Morristown—			
4s 1964-69 M-N	b2.00 to 2.75%		--
Newark 6s 1964-72 M-S	b2.00 to 3.10%		--
4½s 1964-83 F-A	b2.00 to 3.40%		--
4s 1964-1970 J-D	b2.00 to 2.80%		--
3.10s April 1 1964-77 A-O	b2.00 to 3.15%		--
2¾s Jan 15 1964-76 J-J	b2.00 to 3.30%		--
2.40s 1964-1974 M-N	b2.00 to 3.25%		--
2¼s 1964-1968 J-J	b2.00 to 2.90%		--
2.20s 1964-1967 J-D	b2.00 to 2.90%		--
1.60s Aug 15 1964-70	b2.00 to 3.30%		--
Housing Authority—			
3⅛s 1964-1997 A-O	b1.75 to 3.40%		--
New Brunswick—			
4½s sch & wat '64-69 J-D	b2.00 to 2.80%		--
4½s 1964-67 J-D	b2.00 to 2.70%		--
North Bergen— Refunding of 1945—			
2¼s 1964 J-D	99	100	--
2¼s 1967 J-D	93	95	--
Passaic—			
4¼s water 1964-70 J-J	b1.75 to 2.70%		--
Passaic County—			
4¼s 1964-1970 J-D	b1.60 to 2.50%		--
Paterson—			
4½s 1964-1968 A-O	b1.85 to 2.70%		--
1.20s 1964-1969 F-A	b2.60 to 3.35%		--
Perth Amboy—			
5s Feb 1964-77 F-A	b2.00 to 3.45%		--
Plainfield 1½s 1964-70 F-A	b2.40 to 3.30%		--
Ridgewood 4¼s 1964-68 M-N	b1.65 to 2.40%		--
South Jersey Port District— Marine Terminal—			
4½s 1964-1973 A-O	b2.00 to 3.15%		--
South Orange—			
4¼s 1964-70 J-D	b1.60 to 2.55%		--
4½s 1964-1967 J-D	b1.60 to 2.35%		--
Tenafly 1.20s 1964-74 F-A	b2.45 to 3.50%		--
Trenton—			
3s gen imp 1964-67 M-N	b1.60 to 2.35%		--
3s 1964-70 A-O	b1.60 to 2.50%		--
2¾s gen fd & ref '64-68 F-A	b1.60 to 2.40%		--
2¾s ref 1964-66 A-O	b1.60 to 2.25%		--
2½s Em House 1964-71 M-N	b1.60 to 2.55%		--
1⅞s 1964-74 J-D	b1.60 to 3.30%		--
Union County—			
2.80s June 1 1964-1965	b1.75 to 2.00%		--
Union Township School Dist—			
4½s 1964-68 J-J	b1.70 to 2.50%		--
2.40s Sch Dist 1964-67 J-D	b1.70 to 2.40%		--
Weehawken 3½s 1964-70 J-J	b1.70 to 2.70%		--
Westfield—			
4¼s 1964-66 A-O	b1.75 to 2.40%		--
West New York—			
4½s Oct 1 1964-68 A-O	b1.90 to 2.85%		--
NEW MEXICO			
Highway Debentures—			
2.30s Mar 1 1965	--	--	2.10
2¼s Mar 1 1966	--	--	2.20
Severance Tax—			
2s July 1 1964-65	b99⅝	2.60%	--
Building Institution—			
1⅞s July 1 1964-65	b2.00 to 2.25%		--
Albuquerque—			
2¼s 1964-70 J-D	b2.10 to 3.05%		--
NEW YORK			
State Canal Improvement—			
4½s Jan 1 1964 J-J	b1.65 less	⅛	--
4¼s Jan 1 1965 J-J	b1.80 less	⅛	--
4s Jan 1 1966 J-J	b1.90 less	¼	--
4s Jan 1 1967 J-J	b2.10 less	½	--
Barge Canal 5s 1971 J-J	b2.40 less	½	--
Grade Crossing Elimination—			
1.50s 1969-71 opt 1968 J-D	b2.70 to 2.95%		--
Highway Improvement—			
4¼s March 1 1965 M-S	b1.90 less	⅛	--
4s Sept 1 1965 M-S	b1.90 less	⅛	--
4s March 1 1967 M-S	b2.10 less	½	--
Housing Finance Agency General housing loan '61 A			
4s 2004 M-N	105½	--	--
Power Author 3.20s 1995 J-J	97¼	98¼	--
General Revenue series F—			
4.20s Jan 1 2006 J-J	109¾	110¾	--
General revenue series G—			
4s 1965-1969 J-J	b2.20 to 2.50%		--
3¼s 1970-1974 J-J	b2.60 to 2.90%		--
4s 1975-1979 J-J	b3.20 to 3.30%		--
General revenue series H—			
4⅛s Jan 1 2006	108¼	109¼	--
4⅜s Jan 1 2006	111½	113	--
General revenue series J—			
3¾s Jan 1 2006	105½	106½	--
Southern State Pkwy Rev— Jones Beach State Pkwy			
Auth 2⅞s Nov 1 1988	95	--	--
N Y Thruway Authority— State Guaranteed—			
2½s June 1 1971	b2.40 less	¾	--
2½s June 1 1973	b2.50 less	¾	--
2½s June 1 1975	b2.65 less	¾	--
2.60s June 1 1977-78	b2.75 to 2.80%		--
2.70s June 1 1980-81	b2.85 to 2.90%		--
2¼s June 1 1982-84	b3.30 to 3.40%		--
Thruway Authority (2nd issue)			
2½s Oct 1 1971	b2.40 less	¾	--
2½s Oct 1 1975	b2.65 less	½	--
2.60s 1976 A-O	b2.65 less	½	--
2.70s 1977-1978 A-O	b2.70 to 2.75%		--
2¾s 1979-1980 A-O	b2.80 to 2.85%		--
2¾s 1981-1984 A-O	b2.90 to 3.05%		--
Thruway Authority—			
3.10s July 1 1994 J-J	93½	94½	--
4.15s July 1 1996	111	112	--
Thruway Authority— Gen Revenue series B—			
2¼s 1964-69 J-J	b2.10 to 2.60%		--
2⅜s 1970-79 J-J	b3.00 to 3.50%		--
2.70s July 1 1994	84	85½	--

‡Bid price to option date. a Less 1. b Basis. c Less ½. d Less 1⅛. g Less ¾. f Flat price.

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STATE AND MUNICIPAL BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Bonds—	Yield Basis or To Bid	Ask	Net
Thruway Authority—			
Gen Revenue series C—			
6s 1966-1968 J-J	b2.10 to 2.40%		--
5¼s 1969 J-J	--	--	2.50
3¾s 1970-1973 J-J	b2.75 to 3.00%		--
3.90s 1974-1979 J-J	b3.05 to 3.30%		--
Thruway Authority—			
Gen Revenue series D			
3.60s July 1 1996	103	104	--
6s 1967-1970 J-J	b2.40 to 2.65%		--
3s 1971 J-J	--	--	2.65
3.10s 1972 J-J	--	--	2.75
3¼s 1973-1977 J-J	b2.85 to 3.05%		--
3.30s 1978-1979 J-J	b3.10 to 3.15%		--
3.40s 1980-1985 J-J	b3.30 to 3.35%		--
Thruway Author (3rd issue)			
2½s 1985-89 J-J	b3.25 to 3.30%		--
2.45s 1990 J-J	--	--	3.50
2.60s 1991-92 J-J	--	--	3.35
2½s 1993-95 J-J	--	--	3.40
Thruway Author (4th issue)			
2¾s Jan 1 1985-91	b3.10 to 3.30%		--
2.70s Jan 1 1992-93	b3.40 less	¾	--
2¾s Jan 1 1994-95	--	--	3.30
Thruway Author (6th issue)			
3s Jan 1 1985 J-J	--	--	3.05
3.05s Jan 1 1986 J-J	b3.10 less	¾	--
3.15s Jan 1 1987 J-J	--	--	3.10
3.20s Jan 1 1988-90 J-J	--	--	3.10
3.15s Jan 1 1991 J-J	--	--	3.10
3.10s Jan 1 1992-95 J-J	--	--	3.15
Thruway Auth (7th issue)—			
3½s 1985-1990 J-J	b3.00 to 3.10%		--
3.40s 1991-1992 J-J	--	--	3.15
3.45s 1993-1995 J-J	--	--	3.15
Various purposes—			
3¼s March 15 1981 M-S	--	--	2.90
3s March 25 1987 M-S	b3.05 less	¾	--
1¾s April 1979 A-O	--	--	3.45
1.60s June 18 1984	b3.50 less	¾	--
1½s Aug 1 1965 F-A	--	--	2.05
1½s Dec 4 1980 J-D	b3.50 less	¼	--
1½s Dec 3 1981 J-D	--	--	3.50
1¼s Dec 1 1996/88	b3.90	3.75%	--
1¾s June 15 1990	b3.80	3.65%	--
2¼s Dec 1 1985	b3.55	3.40%	--
2¼s Dec 1 1990/88	b3.65	3.50%	--
2½s Dec 1 1970	b2.60	2.50%	--
2½s Jan 15 1978	b3.15	3.00%	--
2½s Jan 15 1985	b3.45	3.30%	--
2½s Jan 15 1991	b3.60	3.45%	--
3s July 1 1979	b3.00	2.85%	--
3s July 1 1983	b3.15	2.95%	--
3½s March 15 1981	b3.10	2.90%	--
4s March 1 1967	b2.35	2.20%	--
4¼s Jan 1 1965	b2.15	1.95%	--
4½s Sept 1 1963	b2.00	1.75%	--
4½s Jan 1 1964	b1.95	1.75%	--
5s March 1 1965	b2.15	1.95%	--
Albany County—			
1.90s 1964-68 J-D	b1.90 to 2.80%		--
Albany (City of)—			
4½s 1964-69 M-N	b1.90 to 2.60%		--
4½s 1964-70 J-D	b1.90 to 2.70%		--
3½s 1964 J-D	--	--	1.90
2¼s 1964-73 M-S	b1.90 to 3.25%		--
1.70s 1964-79 M-N	b2.00 to 3.70%		--
Binghamton 4½s 1964-71 A-O	b1.85 to 2.50%		--
Buffalo—			
4½s 1964-1967 A-O	b1.90 to 2.40%		--
2.90s 1964-1975 M-N	b1.90 to 3.00%		--
1.70s 1964-1981 J-D	b2.00 to 3.70%		--
Various purposes			
2.70s 1964-1976 J-J	b1.90 to 3.20%		--
Sewer Authority—			
2.10s ser I 1964-67 M-N	b1.90 to 2.50%		--
1⅞s ser J 1965-66 M-S	b2.00 to 2.40%		--
Erie County—			
2¾s gen imp 1964-83 F-A	b1.85 to 3.20%		--
Freeport—			
2.20s sewer 1964-66 A-O	b1.90 to 2.60%		--
Greenburgh Un Sch Dis No 9			
4.40s 1964-1965 J-D	b1.90 to 3.30%		--
Hempstead 2.30s 1964-67 J-J	b1.90 to 2.70%		--
Central High Sch Dist No 1			
2.80s 1964-84 F-A	b1.90 to 3.65%		--
Hempstead—			
Union Free School District			
No 16 2.20s 1964-72 J-J	b1.90 to 3.40%		--
Mamaroneck 3.90s 1964-68 J-J	b1.90 to 2.50%		--
Mineola (V) 4.40s 1964-68 J-J	b1.90 to 2.60%		--
Mount Vernon—			
4¼s school 1964-72 M-N	b1.90 to 2.90%		--
Nassau County—			
4.20s 1964-86 M-S	b1.90 to 3.30%		--
3.90s 1964-1989 J-J	b1.90 to 3.35%		--
3.60s 1964-1990 J-D	b1.90 to 3.35%		--
3½s 1964-87 J-D	b1.90 to 3.30%		--
3.40s 1964-85 A-O	b1.90 to 3.25%		--
3.20s 1964-1992 J-J	b1.90 to 3.40%		--
3.10s 1964-1991 M-S	b1.90 to 3.40%		--
2½s revenue 1975 M-S	95	--	--
2½s 1964-82 A-O	b1.90 to 3.60%		--
2.10s imp 1964-79 F-A	b1.90 to 3.60%		--
2s 1964-80 M-S	b1.90 to 3.75%		--
1.60s 1964-89 M-S	b2.00 to 3.90%		--
New Rochelle—			
4½s 1964-65 M-N	b1.90 to 2.20%		--
1.80s 1964-68 M-S	b1.90 to 2.70%		--

Bonds—	Yield Basis or To Bid	Ask	Net
New York City (various)—			
4½s Dec 1 1979	113½	115½	--
4½s Dec 15 1971	109¾	111¾	--
4½s July 1 1967	106	107¼	--
4½s June 1 1965	103	104	--
4¼s March 1 1981	111¼	113¼	--
4¼s Nov 15 1978	110	112	--
4¼s Jan 1 1977	110½	112½	--
4¼s Feb 15 1976	109½	111¼	--
4¼s June 1 1974	109	110½	--
4¼s April 15 1972	108	109½	--
4¼s April 1 1966	103½	104¾	--
4¼s March 1 1964	100½	101	--
4s Oct 1 1980	108	110	--
4s May 1 1977	107½	109½	--
3½s Jan 15 1976	102	103½	--
3¼s July 1 1975	100	101½	--
3s June 1 1980	97	98	--
3s Feb 1 1979	96½	97¾	--
3s Jan 1 1977	96½	98½	--
2¾s July 15 1969	98½	100	--
New York City Housing Auth—			
2s March 1 1990-2000	b4.10	3.95%	--
2¼s March 1 1990-2000	b4.00	3.85%	--
2½s May 1 1985-1995	b3.95	3.80%	--
2¾s June 1 1991-1999	b3.80	3.70%	--
3s June 1 1986-1990	b3.60	3.50%	--
4s Jan 1 1995-1997	b3.70	3.60%	--
Niagara Falls—			
3.10s Apr 1 1964-78 A-O	b1.50 to 2.95%		--
3.20s pub imp 4-1-64-67 J-D	b1.50 to 2.30%		--
2¾s June 1 1964-79 J-D	b1.50 to 3.05%		--
1.80s wat Nov 1 64-80 M-N	b1.50 to 3.55%		--
Niagara Falls City S D—			
3.10s Apr 1 1964-78 A-O	b1.50 to 3.00%		--
2.90s Apr 1 1964-87 A-O	b1.50 to 3.30%		--
2.30s Mar 1 1964-83 M-S	b1.50 to 3.30%		--
1.90s Jan 1 1964-78 J-J	b1.50 to 3.45%		--
Onondaga County—			
3s highway Feb 1 64-76 F-A	b1.50 to 2.80%		--
Port of New York Authority			
Consolidated—			
4¼s Oct 1 1989	109	111	--
3¾s Oct 1 1987	103	104½	--
3⅝s Feb 1 1989	102½	104	--
3½s Nov 1 1991	101½	103½	--
3.40s Oct 1 1993	100	101½	--
3.40s Feb 1 1987	101½	103	--
3.40s Sept 1 1986	101½	103	--
3⅜s May 1 1994	99½	100	--
3⅜s Dec 1 1993	99½	100¼	--
3⅜s May 1 1988	100	101	--
3¼s Sept 1 1993	96½	97½	--
3s May 1 1986	95	96½	--
3s Nov 1 1982	97	98½	--
2.90s Dec 1 1983	90½	92½	--
2¾s April 1 1985	87	88½	--
2¾s Sept 1 1984	87	88½	--
Air Terminal—			
2½s Oct 1 1979	92	93½	--
Air & Marine Terminal—			
2.20s Dec 1 1980	85	87	--
General & Refunding—			
2s Aug 15 1974	98	99	--
1¾s April 1 1985	71½	73½	--
1½s April 1 1985	67½	69½	--
1¼s March 1 1986	61½	63½	--
Schenectady—			
3.60s wtr May 1 '64-91 M-N	b1.50 to 3.40%		--
3.60s gen imp 2-1-64-89 F-A	b1.50 to 3.35%		--
3s sewer May 1 '64-69 M-N	b1.50 to 2.40%		--
1¾s sewer Jun 1 '64-76 J-D	b1.50 to 3.45%		--
Schenectady City S D—			
2¾s Feb 1 1964-83 F-A	b1.50 to 3.10%		--
Schenectady County—			
3s hosp bldg Jul 1 '64-89 J-J	b1.50 to 3.35%		--
Syracuse—			
2.20s hway 3-1-64-72 M-S	b1.50 to 2.85%		--
Syracuse Housing Authority—			
Ref 1st issue series A—			
2.10s Aug 15 1965	--	--	2.05
2s Aug 15 1966-67	b2.10 to 2.20%		--
2.10s Aug 15 1968-70	b2.30 to 2.50%		--
2s Aug 15 1971-73	b2.60 to 2.80%		--
2.10s Aug 15 1974-79	b2.90 to 3.25%		--
Syracuse New Hsg Auth—			
3½s Dec 1 1964-2000 J-D	b1.50 to 3.35%		--
Tonawanda (City)—			
4s imp Apr 1 1964-88 M-S	b1.60 to 3.40%		--
3¾s May 1 1964-78 M-N	b1.60 to 3.00%		--
Tonawanda (Town)—			
3¼s Apr 1 1964-86 A-O	b1.50 to 3.40%		--
3.10s sew Jun 1 1964-76 J-D	b1.50 to 3.00%		--
Tonawanda City S D—			
3¼s Jun 1 1964-86 J-D	b1.50 to 3.40%		--
Triborough Bridge & Tunnel Authority Revenue—			
2⅛s July 1 1965	b2.40	2.25%	--
2⅛s July 1 1967	b2.55	2.40%	--
2⅛s July 1 1969	b2.85	2.70%	--
3½s Jan 1 1985	103½	105	--
3¾s Jan 1 1985	104½	106	--
4s Jan 1 1985	108	109	--
Troy—			
3.70s May 1 1964-82 M-N	b1.50 to 3.20%		--
3½s Mar 1 1964-79 M-S	b1.50 to 3.10%		--
4s water Mar 1 1964-77 M-S	b1.50 to 3.00%		--
2.90s serially to 1977 A-O	b1.50 to 3.05%		--
Watertown—			
2.70s Apr 1 1964-76 A-O	b1.50 to 3.00%		--
1.60s sch Jan 1 1964-79 J-J	b1.00 to 3.60%		--
Watertown City S D—			
3.20s sch Nov 1 '64-87 M-N	b1.50 to 3.40%		--

Bonds—	Yield Basis or To Bid	Ask	Net
Westchester County—			
3.20s Oct 1 1964-81 A-O	b1.50 to 2.90%		--
2.30s Sept 1 1964-83 M-S	b1.50 to 3.25%		--
4s June 1 1964-80 J-D	b1.50 to 2.90%		--
4¼s June 1 1964-81 J-D	b1.50 to 2.95%		--
2.10s Oct 1 1964-81 A-O	b1.50 to 3.35%		--
2.70s July 1 1964-81 J-J	b1.50 to 3.15%		--
Yonkers—			
4s July 1 1964-79 A-O	b1.50 to 3.10%		--
3.90s June 1 1964-77 A-O	b1.50 to 3.00%		--
2¾s May 1 1964-78 A-O	b1.50 to 3.25%		--
3¾s Aug 1 1964-76 A-O	b1.50 to 2.95%		--

NORTH CAROLINA

Issues dated Oct 1 1950—			
1⅜s April 1 1965-70	b1.95 to 2.65%		--
Capital Improvement—			
3½s 1965 M-N	--	--	1.80
3¼s 1966-1979 M-N	b1.90 to 2.65%		--
Road bonds dated July 1 1949			
1¾s Jan 1 1968-69	b2.30 to 2.40%		--
Secondary Road—			
1½s Jan 1 1965-69	b1.80 to 2.50%		--
1¼s Jan 1 1970	--	--	2.75
Secondary road of Jan 1 '51			
1½s 1964-81 J-J	b1.50 to 3.25%		--
1¾s 1964-66 J-J	b1.50 to 1.95%		--
2s 1967-70 J-J	b2.00 to 2.35%		--
Asheville—			
2¾s-4s gen ref July 1 1976	101⅛	103	--
Buncombe County—			
2¾s-4s gen ref July 1 1976	101⅛	103	--
Charlotte—			
4¼s 1964-70 M-N	b1.60 to 2.40%		--
4¼s 1964-79 M-N	b1.60 to 3.00%		--
3s 1964-77 F-A	b1.60 to 2.80%		--
2½s 1964-66 M-N	b1.60 to 2.05%		--
2¼s 1964-72 A-O	b1.60 to 2.70%		--
2½s 1973-80 A-O	b2.65 to 3.20%		--
Issues dated Nov 1 1953—			
2⅛s 1965-75 M-N	b1.95 to 3.10%		--
2¾s 1976-85 M-N	b2.75 to 3.30%		--
Durham (City of)—			
Municipal Improvement—			
2½s 1964-78 F-A	b1.55 to 3.00%		--
2¼s 1979-83 F-A	b3.10 to 3.30%		--
Durham (County of)—			
1½s 1964-1969 J-D	b1.60 to 2.80%		--
Elisabeth City (pub imp)—			
3¼s 1964-67 A-O	b1.75 to 2.60%		--
3s 1968-70 A-O	b2.70 to 2.90%		--
High Point (refunding)—			
3¾s 1964-69 M-N	b1.60 to 2.30%		--
3½s 1970-75 M-N	b2.40 to 2.65%		--
5s water ser 1964-68 J-D	b1.60 to 2.20%		--
1½s April 1 1964-66	b1.65 to 2.50%		--
Kinston (El Lt & Street Imp)			
2¼s 1964--68 J-D	b1.70 to 2.35%		--
2s 1967-71 J-D	b2.50 to 2.90%		--
Macklenburg County—			
1¾s 1964-1965 J-D	b1.65 to 2.10%		--
2s 1966-75 J-D	b2.05 to 3.25%		--
Raleigh 4½s 1964-67 A-O	b1.60 to 2.10%		--
3s 1964-70 A-O	b1.60 to 2.40%		--
Rocky Mount—			
Water and sewer bonds—			
2½s 1964-70 J-J	b1.70 to 2.50%		--
2¼s 1971-80 J-J	b2.90 to 3.45%		--
Wilmington—			
Water Works Extension—			
3¾s-2s-1½s 1964-80 A-O	b1.70 to 3.50%		--
Wilson (Town of)—			
2¼s 1964-65 A-O	b1.70 to 2.00%		--
2½s 1964-78 A-O	b1.70 to 3.25%		--
Winston-Salem—			
4½s 1964-73 M-N	b1.60 to 2.50%		--
2s refunding 1964-68 J-J	b1.60 to 2.20%		--
1¾s refunding 1969-73 A-O	b2.10 to 3.05%		--

OHIO

General Obligations—			
Construction—			
3¼s 1964-1966 J-D	b1.70 to 2.15%		--
3s 1967-1971 J-D	b2.30 to 2.50%		--
2.85s 1972-1974 J-D	b2.55 to 2.65%		--
Korean Conflict Compensation			
3s May 15 1964-72	b1.70 to 2.55%		--
Turnpike Revenue No 1—			
3¼s June 1 1992	99½	101½	--
Akron (City of)—			
3s var purpose '64-83 M-N	b1.90 to 3.40%		--

a Less 1. b Basis. d Less 1¼. n Nominal.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Bonds—	Yield Basis or To Bid	Ask	Net
Cincinnati—			
5s July 1 1965 J-J	b2.10	2.00%	--
2¼s Sept 1 1964-76	b1.70 to	3.15%	--
2s school 1964-72 M-S	b1.70 to	3.30%	--
2s 1964-90 M-S	b1.70 to	3.60%	--
1¾s water wks 1964-70 M-S	b1.70 to	3.15%	--
1¾s school 1964-73 M-S	b1.70 to	3.25%	--
Limited tax improvement			
2½s 1964-78 M-S	b1.70 to	3.15%	--
Unlimited tax bonds—			
3¼s 1964-1984 J-D	b1.70 to	3.05%	--
3½s 1964-1989 J-D	b1.70 to	3.20%	--
Cleveland—			
5½s 1964-1970 J-D	b1.85 to	2.65%	--
4s w w 1964-1968 J-D	b1.85 to	2.55%	--
2¾s 1964-1983 M-S	b1.85 to	3.60%	--
2½s 1964-1973 M-S	b1.85 to	2.95%	--
1¾s 1964-72 M-N	b1.85 to	3.15%	--
1½s 1964-1971 M-S	b1.85 to	3.25%	--
Waterworks Extension—			
1st mtge revenue			
2s 1964-1965 F-A	b1.85 to	2.10%	--
2¼s 1966-72 Aug 1	b1.85 to	2.60%	--
Waterworks Extension—			
1st mtge rev ser D—			
2s 1964-1972 F-A	b1.85 to	3.20%	--
2¼s 1973-1976 F-A	b2.60 to	3.25%	--
Columbus—			
2¼s 1964-1980 J-J	b1.75 to	3.50%	--
2s 1964-1974 A-O	b1.75 to	3.25%	--
1½s 1964-72 M-N	b1.75 to	3.40%	--
Unlimited tax bonds—			
3½s 1964-1997 A-O	b1.75 to	3.35%	--
Limited tax bonds—			
3½s 1964-2001 A-O	b1.75 to	3.50%	--
Waterworks 2s 1964-87 M-S	b1.75 to	3.65%	--
Various purposes			
3½s Jan 1 1964-1986	b1.75 to	3.20%	--
Cuyahoga County—			
1¾s Co Bldg 1964-68 A-O	b1.75 to	3.00%	--
2s Rd imp 1964-73 A-O	b1.75 to	3.25%	--
County Offices Bldg ser B			
2s 1964-1969 A-O	b1.75 to	3.10%	--
Dayton 2¼s Nov 1 1964-73	b1.75 to	3.20%	--
1¾s S D bldgs '64-72 M-N	b1.75 to	3.25%	--
Franklin County 1s '64-68 M-S	b2.10 to	3.30%	--
Hamilton—			
City 1½s 1964-71 M-S	b1.90 to	3.40%	--
County 1s 1964-69 M-S	b2.00 to	3.40%	--
1st mtge Wat Wks Revenue			
2¼s 1964-71 A-O	b1.80 to	3.40%	--
S D 1¾s 1964-70 J-D	b1.75 to	3.30%	--
Library 2s 1964-73 M-S	b1.75 to	3.30%	--
Lima (City) S D—			
2¼s imp 1964-72 J-D	b1.75 to	3.30%	--
Marion (City of)—			
1s and 1¼s 1964-71 J-D	b2.00 to	3.40%	--
Portsmouth (City of)—			
1st Mtge Water Revenue—			
2½s 1964-65 A-O	b2.00 to	2.15%	--
2¾s 1966-68 A-O	b2.25 to	2.70%	--
Steubenville 2½s 1964-79 M-N	b1.90 to	3.60%	--
Toledo—			
Waterworks Extension—			
1st mtge revenue—			
2¾s opt '56 due '64-69 J-D	b1.90 to	2.80%	--
2½s opt 1956 due 1970 J-D	--	--	3.00
Warren (City of)—			
2½s 1964-82 w w Rev J-J	b2.00 to	3.75%	--
2⅝s 1964-90 w w Rev J-J	b2.00 to	3.85%	--
2¾s 1991 J-J	--	--	3.90
Youngstown New Housing Authority—			
2½s 1982	--	--	3.50
Zanesville City (School Dist)			
2s building 1964-1969 M-S	b1.90 to	3.20%	--
OKLAHOMA			
State of Oklahoma—			
4s 1964-1978 J-J	b1.70 to	2.65%	--
3.20s 1968 J-J	--	--	2.30
2.80s 1969-1972 J-J	b2.35 to	2.45%	--
3s 1973-1978 J-J	b2.60 to	3.00%	--
3.20s 1979-1982 J-J	b3.05 to	3.30%	--
3.30s 1983-1986 J-J	b3.35 to	.345%	--
Okla Turnpike Authority—			
3¾s 1990 F-A	100	--	--
4¾s July 1 2001	110¼	112¼	--
Munic Auth Water System			
Ser B 3.30s 1971-2000 J-J	b2.45 to	3.40%	--
Turnpike Revenue—			
Northeastern Turnpike—			
3¼s 1964-1965 J-D	b1.00 to	3.00%	--
3½s 1966-1969 J-D	b3.05 to	3.35%	--
3.60s 1970-1982 J-D	b3.45 to	3.80%	--
3¾s 1983-1993 J-D	b3.65 to	Par	--
Oklahoma City—			
1st May 1 1964-71	b1.50 to	2.50%	--
Issues dated May 1 1953			
2½s 1964-68 M-N	b1.50 to	2.30%	--
2¾s 1969-78 M-N	b2.35 to	3.25%	--
Issues dated Aug 1 1963—			
4s 1965-1969 F-A	b2.00 to	2.45%	--
2¾s and 4s 1970 F-A	--	--	2.55
2¾s 1971-1972 F-A	b2.65 to	Par	--
2.80s 1973 F-A	--	--	Par
2.90s 1974-1975 F-A	b2.85 to	Par	--
3s 1976-1979 F-A	b2.95 to	3.05%	--
3.10s 1980-1981 F-A	bpar to	3.15%	--
3.20s 1982-1983 F-A	--	--	Par
3¼s 1984-1988 F-A	bpar to	3.30%	--
Tulsa—			
1s 1964-1966 J-J	b1.50 to	2.20%	--
General obligations—			
1.10s 1964-1965 J-J	b2.25 to	2.40%	--
Waterworks and Sewer—			
2¼s 1964-1973 J-J	b2.00 to	2.50%	--
OREGON			
Highway 1½s 1964-71 A-O	b2.10 to	3.15%	--
Highway series 1953 "B"			
2¼s 1964-1966 M-S	b1.85 to	2.20%	--
State Highway (series 1962-A)			
2.40s 1964-1968 J-J	b1.85 to	2.40%	--
2.60s 1969 J-J	--	--	2.50
2.70s 1970 J-J	--	--	2.60
2.80s 1971 J-J	--	--	2.65
2.90s 1972 J-J	--	--	2.70
Veterans' Welfare—			
3¼s Oct 1 1972-1975 A-O	b2.70 to	2.85%	--
3¼s 1976 opt '71 F-A	b2.70 to	opt	--
3½s Oct 1 1975 A-O	--	--	2.85
3.40s 1977 opt '71 F-A	b2.75 to	opt	--
3.40s 1978 opt '71 F-A	b2.80 to	opt	--
2¼s April 1 1967	--	--	2.30
2½s Sept 1 1972-73	b2.70 to	2.75%	--
2.80s 1977-1978	b2.90 to	2.95%	--
Veterans' Welfare series XV—			
3s 1970-1974 J-D	b2.60 to	2.80%	--
3.20s 1975-1978 J-D	b2.85 to	2.95%	--
Veterans' Compensation—			
1½s Oct 1 1964-1966	b2.10 to	2.55%	--
1¾s Oct 1 1967-1972	b2.55 to	3.10%	--
2s 1964-65 opt '63 A-O	b1.85 to	2.15%	--
2¼s 1966 opt 1963 A-O	b2.20 to	opt	--
Portland (City of)—			
Sewer Disposal—			
1½s 1964-65 opt '55 M-N	b2.10 to	2.30%	--
1¼s 1965-66 opt '55 M-N	b2.65 to	2.80%	--
Salem (City of)—			
1½s 1964-70	b2.15 to	3.35%	--
PENNSYLVANIA			
1½s series M 1964-65 M-S	b2.10 to	2.25%	--
1.45s series N 1966-67 F-A	b2.35 to	2.45%	--
Delaware River Port Auth—			
3½s 1st ser rev 1983 J-D	104½	--	--
The General State Authority of the Commonwealth of Pa			
Eighth Series—			
3.40s 1965-66 J-J	b2.20 to	2.40%	--
3½s 1967-74 J-J	b2.50 t o	3.00%	--
3.70s 1975-83 J-J	b3.15 to	3.30%	--
11th Series—			
3¼s 1964-1968 J-J	b2.10 to	2.60%	--
3.40s 1969-1970 J-J	b2.70 to	2.80%	--
3½s 1971-1973 J-J	b2.85 to	2.95%	--
3.60s 1974-1979 J-J	b3.00 to	3.20%	--
3¾s 1980-1986 J-J	b3.20 to	3.40%	--
12th Series—			
3s 1964-1966 J-D	b2.10 to	2.40%	--
3.20s 1967-1971 J-D	b2.50 to	2.80%	--
3.40s 1972-1974 J-D	b2.90 to	3.00%	--
3½s 1975-1979 J-D	b3.05 to	3.20%	--
3.60s 1980-1987 J-D	b3.20 to	3.40%	--
16th Series—			
2¼s 1965-1966 J-J	b2.30 to	2.40%	--
2½s 1967-1969 J-J	b2.50 to	2.70%	--
2¾s 1970-1972 J-J	b2.80 to	2.90%	--
3s 1973-1977 J-J	b2.95 to	3.15%	--
3¼s 1978-1981 J-J	b3.15 to	3.25%	--
3.40s 1982-1983 J-J	b3.25 to	3.30%	--
3½s 1984-1989 J-J	b3.30 to	3.45%	--
Korean Conflict Veterans'—			
Series O serial bonds			
3¼s 1965-1971	b2.10 to	2.60%	--
3⅜s 1972-1975 opt '73	b2.70 to	2.80%	--
State Highway & Bridge Auth			
Series of 1952—			
2.30s 1965-1966 J-D	b2.25 to	2.35%	--
2.40s 1967-1970 J-D	b2.40 to	2.60%	--
2.50s 1971-1974 J-D	b2.70 to	2.90%	--
Series of 1954—			
1¾s 1964-1965 J-D	b2.10 to	2.30%	--
1.90s 1966-1967 J-D	b2.50 to	2.65%	--
2s 1968-1970 J-D	b2.75 to	3.00%	--
2.10s 1971-1973 J-D	b3.05 to	3.15%	--
2¼s 1974-1977 J-D	b3.20 to	3.35%	--
State Pub School Bldg Auth—			
6s 1964-1972 M-N	b2.20 t o	2.90%	--
4¾s 1973 M-N	--	--	3.10
2¾s 1974-1975 M-N	b3.05 to	3.10%	--
2.90s 1976-1978 M-N	b3.15 to	3.20%	--
3s 1979-1980 M-N	b3.20 to	3.25%	--
3.10s 1981-1982 M-N	--	--	3.25
3.20s 1983-1986 M-N	b3.30 to	3.35%	--
3.30s 1987-1994 M-N	b3.35 to	3.45%	--
1s 1995 M-N	--	--	4.25
1.10% 1996-2001 M-N	--	--	4.50
Turnpike revenue—			
3¼s term 1988 J-D	102	--	--
3.10s (1954) ser 1993 J-D	96¾	--	--
2.90s western ext 1986 J-D	101½	--	--
Delaware River Extension—			
2¾s June 1 1970	100⅞	--	--
3s June 1 1982	97	--	--
Allegheny Co—			
2½s 1967-1978 M-S	b2.65 to	3.20%	--
2⅜s 1964-1984 M-N	b2.00 to	3.60%	--
2¼s May 1 1964-1970	b2.00 to	2.75%	--
1⅞s 1964-1972 M-N	b2.20 to	3.20%	--
1⅝s 1964-1980 M-N	b2.20 to	3.60%	--
1⅜s 1964-1965 M-S	b2.20 to	2.30%	--
1½s 1964-1974 M-N	b2.20 to	3.40%	--
Sewer Revenue series C—			
2.70s June 1 1965-67 J-D	*--	--	--
3s June 1 1968-71 J-D	*--	--	--
3.20s June 1 1972-75 J-D	*--	--	--
3.30s June 1 1976-81 J-D	*104	--	--
3.60s June 1 1996 J-D	*104	--	--
Allentown 1⅞s 1964-76 J-D	b2.20 to	3.50%	--
S D 1s 1964-1974 F-A	b2.20 to	3.40%	--
Allentown Authority—			
Water rev 2s 1964-69 J-J	b2.00 to	3.00%	--
2⅛s 1970-1977 J-J	b3.05 to	3.55%	--
Chester Municipal Authority—			
Water rev 2s 1964-1969 J-J	b2.20 to	3.00%	--
2½s Dec 1 1986-1988	b3.60 to	3.70%	--
Term 2s 1988 J-D	--	--	3.85
Del Riv Jt Comm Bridge Philadelphia-Camden—			
Ref bdge 1s June 1 1966	90	--	--
2.30s bdge rev sec A '84 M-N	97	--	--
2.35s bdge rev B '84 M-N	97	--	--
Easton (City of) Authority—			
Sew rev 1951 series—			
2s 1973-1976 A-O	b3.20 to	3.35%	--
2⅛s 1977-1984 A-O	b3.40 to	3.65%	--
2s 1985-86 A-O	--	--	3.65
Erie (City of)—			
1¾s imp 1964-71 M-N	b2.20 to	3.15%	--
2½s 1964-1982 A-O	b2.00 to	3.40%	--
Lehigh (County of)—			
1⅝s 1964-81 J-D	b2.20 to	3.60%	--
Philadelphia (City of)—			
2¾s 1964-1990 J-J	b2.15 to	3.90%	--
1½s 1991-1999 J-J	--	--	4.40
2½s Jan 1 1965-1985	b2.45 to	3.90%	--
2s Jan 1 1986-1992	b4.10 to	4.50%	--
Refunding bonds—			
1½s 1964-1965 J-J	b2.25 to	2.50%	--
3¼s July 1 1986 opt 1956	--	--	3.65
3¼s ref 1975 to 1985	99	--	--
3¼s Jan 1 1975 opt 1962	99	--	--
Ref (dated Feb 16 1951)—			
1½s 1964-76 J-J	b2.25 to	4.00%	--
Serial bonds—			
1¼s 1964-1965 J-J	b2.35 to	2.65%	--
1½s 1966-1983 J-J	b2.80 to	4.30%	--
1¾s 1984-1996 J-J	b4.25 to	4.50%	--
Serial bonds (1948 issue)—			
3s 1964-1970 J-J	b2.15 to	3.00%	--
2¾s 1971-1998 J-J	b3.10 to	4.00%	--
Term bds 2¾s 78 opt 68 M-N	--	--	3.45
Issues dated June 1 1950—			
3s Jan 1 1964-1969	b2.15 to	2.90%	--
2¼s Jan 1 1970-1986	b3.40 to	4.00%	--
2s Jan 1 1987-1994	--	--	4.30
1½s Jan 1 1995-2000	--	--	4.40
Issues dated Oct 16 1951—			
2s 1964-1967 J-J	b2.45 to	3.15%	--
2¼s 1968-1977 J-J	b3.15 to	3.90%	--
Issues dated April 1 1953—			
3s 1964-1969 J-J	b2.15 to	3.00%	--
3¼s 1970-1973 J-J	b3.10 to	3.25%	--
3s 1974-1987 J-J	b3.35 to	3.80%	--
Philadelphia School District—			
2¾s impt 1964-73 M-S	b2.15 to	3.45%	--
2⅜s 1964-77 J-J	b2.15 to	3.90%	--
2s 1964-74 A-O	b2.30 to	3.85%	--
1¼s 1964-1970 F-A	b2.40 to	3.70%	--
Pittsburgh—			
1s 1964-65 F-A	b1.90 to	2.30%	--
1.20s 1964-66 F-A	b1.90 to	2.60%	--
2s 1964-68 A-O	b2.00 to	2.60%	--
1.80s 1964-69 A-O	b1.90 to	2.80%	--
1⅜s ref '58 ser A '64-67 F-A	b2.00 to	2.80%	--
3⅜s 1964-1981 J-J	b1.75 to	3.00%	--
Gen Public Improvement—			
1.80s of '51 A '64-71 J-J	b1.95 to	3.15%	--
Pub Parking Authority Project A Rev ser A—			
3½s 1981 A-O	93	--	--
Westmoreland County (Mun Auth of)—			
Water revenues series A—			
2⅝s 1964-68 J-J	b2.00 to	3.10%	--
2.70s 1968-72 J-J	b3.10 to	3.25%	--
2¾s 1973-76 J-J	b3.30 to	3.45%	--
2.80s 1977-85 J-J	b3.50 to	3.70%	--
Williamsport Munic Water Authority (Water rev ser A)			
1⅝s 1964-68 J-J	b2.20 to	3.20%	--
1¾s 1969-79 J-J	b3.25 to	3.70%	--
2s 1964-1975 J-D	b1.00 to	3.50%	--
York School District—			
1¼s imp 1964-70 F-A	b2.20 to	2.90%	--
RHODE ISLAND			
4s charit inst 1965 M-S	b2.10	2.00%	--
4s June 1 1977 J-D	b3.05	2.95%	--
4½s bridge 1970 F-A	b2.65	2.55%	--
1½s Dec 1 1964-66	b2.10 to	2.50%	--
State of Rhode Island and Providence Plantation			
3¼s 1964-85 M-S	b1.90 to	3.30%	--
2¼s 1964-74 A-O	b1.90 to	3.20%	--
2s 1964-75 J-D	b1.90 to	3.35%	--
Highway 2s 1964-72 M-N	b1.90 to	3.20%	--
Cranston 1¾s 1964-83 A-O	b2.10 to	3.85%	--
2½s series G 1964-74 F-A	b1.90 to	3.40%	--
4s 1964-66 J-J	b2.00 to	2.40%	--
4½s Mar 15 1964-78 M-S	b2.00 to	3.40%	--
Newport—			
2¼s waterwks 1964-71 M-S	b2.00 to	3.25%	--
Providence—			
4s Oct 1 1964 A-O	b2.00	1.90%	--
3.20s 1964-1984 M-S	b2.00 to	3.35%	--
2.30s 1964-1977 J-J	b2.00 to	3.50%	--
2s 1964-77 J-J	b2.00 to	3.60%	--
1⅜s 1964-1971 J-D	b2.10 to	3.45%	--
New Housing Authority—			
2⅛s 1986	--	--	3.60
Warwick (City)—			
3¼s 1964-91 A-O	b2.00 to	3.70%	--
Woonsocket—			
4½s 1964-1967 J-D	b2.00 to	2.60%	--

‡ Bid for average maturity. * Contemplated call at 104 on Aug. 3. b Basis. n Nominal.

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STATE AND MUNICIPAL BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Bonds—	Yield Basis or To Bid	Ask	Net
SOUTH CAROLINA			
Public Service Authority—			
2½s July 1 1964-71	b2.80	2.70%	--
2⅝s July 1 1972-77	b3.30	3.20%	--
2.70s July 1 1978-93	b3.70	3.60%	--
School (series U) 2½s 1964-82	b2.90	2.80%	--
State H'way Ctfs of Indeb't—			
1¼s 1964-65 M-N	b2.20	2.00%	--
State H'way 1.70s 1964-67 J-D	b2.40	2.25%	--
State H'way & Port purposes			
2.10s ser G 1964-1968 J-D	b2.40	2.25%	--
2.55s ser B 1964-1978 J-D	b2.70	2.60%	--
State Institution—			
1¾s 1964-70 A-O	b2.60	2.50%	--
2s 1971-74 A-O	b2.80	2.70%	--
State School 1½s 1964-68 A-O	b2.70	2.55%	--
2.35s 1964-75 J-D	b2.75	2.65%	--
2.30s 1964-74 F-A	b2.60	2.45%	--
2.20s 1964-68 M-N	b2.45	2.30%	--
3.10s 1964-78 M-N	b2.75	2.65%	--
Charleston—			
3¼s wat wks 1964-78 A-O	b3.00	2.90%	--
Greenville 3½s 1964-76 M-N	b3.00	2.90%	--
Water rev 2¼s 1964-71 A-O	b2.80	2.70%	--
Spartanburg—			
4½s water 1964-65 J-J	b2.25	2.10%	--
York (County of)—			
2½s 1964-68 M-N	b2.65	2.50%	--
2.60s 1969-71 M-N	b2.85	2.70%	--
TENNESSEE			
2.00s 1964-65 J-D	b2.10	2.00%	--
4½s July 1 1964-67	b1.70 to 2.40%		--
H'way & Educ Institutional			
4s 1964-69 M-N	b2.00 to 2.60%		--
3.10s 1970-71 M-N	b3.00	2.80%	--
3¼s 1972-75 M-N	b2.75 to 2.90%		--
3.30s 1976-79 M-N	b3.15	3.00%	--
Highway 4s 1964-68 M-S	b1.40 to 2.70%		--
2½s 1969 M-S	b2.60	2.50%	--
2.60s 1970 M-S	b2.70	2.60%	--
2.70s 1971-72 M-S	b2.90	2.70%	--
Tennessee Valley Authority—			
4.40s Nov 15 1985 M-N	101½	103½	--
Power bonds 1961 ser A			
4⅝s July 1 1986	104	106	--
Power bonds 1962 ser B			
4½s Feb 1 1987	103	105	--
Blount County—			
2½s 1964-72 J-D	b1.75 to 3.00%		--
2¾s 1973-76 J-D	b3.30 to 3.10%		--
Chattanooga—			
Electric Power Revenue—			
Series AA—			
1¾s 1964-66 J-J	b2.50 to 3.00%		--
1½s 1967-69 J-J	b3.40	3.20%	--
Ser B 2½s 1964-69 J-J	b1.90 to 2.75%		--
3s 1968-78 J-D	b2.70 to 3.25%		--
Davidson County—			
2¼s rural sch 1964-74 J-J	b1.80 to 3.00%		--
1.80s rural sch 1964-75 A-O	b1.80 to 3.25%		--
Johnson City ref 3½s 1964-70	b2.00 to 2.90%		--
Electric Revenue ser A			
1¼s 1964-1965 J-D	b2.00 to 3.50%		--
Knox County (Rural School)			
2½s 1964-68 M-N	b2.00 to 2.50%		--
Knoxville—			
General obligation 4½s	b3.70	3.50%	--
General obligation 4¾s	b3.80	3.60%	--
General obligation 5s	b3.90	3.70%	--
Water 4½s	b3.70	3.60%	--
Electric revenue ser A 1949			
2½s 1964-65 F-A	b1.90 to 2.25%		--
2¾s 1966-68 F-A	b2.25 to 2.50%		--
2s 1969 F-A	b3.00	2.75%	--
Memphis—			
TVA Lease Rental rev—			
3¼s 1965 J-J	b2.00 to 1.80%		--
3s 1966-1969 J-J	b2.00 to 2.25%		--
2½s 1971-1973 J-J	b2.40 to 2.50%		--
2-2¾s 1974-1978 J-J	b2.60 to 2.80%		--
2.90s 1979-1982 J-J	b2.90 to 3.00%		--
3s 1983-1985 J-J	b3.10 to 3.00%		--
Elec Dist System rev—			
Series of 1963—			
4s 1964-1966 J-J	b1.65 to 2.00%		--
2½s 1967-1971 J-J	b2.15 to 2.55%		--
2¾s 1972-1974 J-J	b2.65 to 2.80%		--
2.90s 1975-1977 J-J	b2.85 to 2.95%		--
3s 1978-1981 J-J	bpar to 3.10%		--
Electric Plant—			
1.40s 1964-1969 J-D	b1.40 to 3.40%		--
4.40s 1992	108¾	110¾	--
Board of Education—			
1s 1964-75 J-J	b1.40 to 3.90%		--
General liability 1¾s			
and 1½s 1964-77 F-A	b2.00 to 3.75%		--
1¾s various 1964-74 M-N	b2.00 to 3.75%		--
2s various 1975-81 M-N	b4.00 to 3.90%		--
Nashville—			
4¼s 1964-67 J-J	b1.40 to 2.70%		--
2½s school 1964-88 A-O	b1.40 to 3.75%		--
1½s 1964-74 J-D	b1.75 to 3.75%		--
1s 1964-74 J-D	b1.75 to 3.90%		--
Elec Power Rev ser C—			
1¾s 1964-66 J-J	b1.40 to 3.10%		--
2s 1967-73 J-J	b3.25	3.10%	--
2¼s 1974-81 J-J	b3.75 to 3.60%		--
Street improvement—			
1.10s 1964-69	b1.40 to 3.50%		--
Robertson County—			
2½s 1964-66 A-O	b2.00 to 2.60%		--
2¾s 1967-70 A-O	b2.60 to 2.90%		--
TEXAS			
Texas Turnpike Authority—			
Dallas-Fort Worth Revenue			
2.70s (1955 ser) 1980 J-J	96	99	--
2⅞s (1955 ser) 1995 J-J	92½	95½	--
Veterans' Land Bonds—			
1½s 1964-65	b1.70 to 1.90%		--
1¾s 1966-74	b2.00 to 3.00%		--
1¾s 1975-79	b3.10 to 3.80%		--
Series of 1953—			
2s 1966-68 J-D	b2.00 to 2.20%		--
2¼s 1969-77 J-D	b2.30 to 3.10%		--
2.40s 1978-81 J-D	b3.05 to 3.20%		--
2.40s 1982-89 opt '64 J-D	b3.25 to 3.45%		--
Series 1961-A			
3½s 1966 1991 J-D	b2.00 to 3.70%		--
Veterans' Land Bonds—			
Series 1961-B—			
3½s 1966-1971 J-D	b2.00 to 2.40%		--
3s 1972-1976 J-D	b2.50 to 2.80%		--
3¼s 1977-1987 J-D	b2.75 to 3.10%		--
3⅜s 1988-1991 J-D	b3.15 to 3.20%		--
Austin—			
1½s 1964-1968 J-J	b1.90 to 2.50%		--
1¾s 1967-75 J-J	b2.40 to 3.30%		--
Beaumont—			
4½s 1964-1970 J-J	b1.90 to 2.60%		--
4s 1964-77 A-O	b1.90 to 3.10%		--
Colo Riv Mun Wat Dist—			
Water Revenue Bonds—			
2s Jan 1 1964-66	b2.00 to 2.40%		--
2¼s Jan 1 1967-72	b2.50 to 3.10%		--
2⅜s Jan 1 1973-76	b3.20 to 3.35%		--
Corpus Christi—			
Gen obl 3½s 1964-73 J-D	b1.90 to 2.90%		--
Waterworks Revenue—			
3¼s 1964-1978 J-D	b1.80 to 3.05%		--
Dallas—			
4½s 1964-70 M-N	b1.75 to 2.50%		--
3¼s 1964-1973 J-J	b1.85 to 2.70%		--
1¾s 1964-69 F-A	b1.90 to 2.60%		--
1.70s 1964-1970 F-A	b1.90 to 2.75%		--
1s April 1 1964-68	b1.90 to 2.50%		--
Independent School District			
1s April 1 1964-68	b1.90 to 2.50%		--
2s 1964-67	b1.90 to 2.50%		--
1¾s 1964-67 M-N	b1.90 to 2.50%		--
Independent School Dist—			
Series A of 1949—			
1¾s 1964-66 J-D	b1.90 to 2.30%		--
1½s 1967-69 J-D	b2.40 to 2.60%		--
El Paso—			
Impt 2½s 1964-68 J-D	b1.90 to 2.60%		--
2¾s 1969-74 J-D	b2.70 to 3.00%		--
Fort Worth—			
3¾s Nov 1 1964-67 M-N	b1.90 to 2.60%		--
3s 1964-73	b1.90 to 2.90%		--
2½s 1964-72 M-N	b1.90 to 2.85%		--
2¼s 1964-71 A-O	b1.90 to 3.15%		--
Harris County—			
2¾s Road 1964-68 M-S	b1.90 to 2.60%		--
1.70s 1964-75 F-A	b1.90 to 3.75%		--
Flood Control District			
1¾s 1964-65 F-A	b1.90 to 2.40%		--
Houston—			
2¼s 1964-76 M-N	b1.90 to 3.25%		--
2s 1964-76 M-N	b1.90 to 3.50%		--
1¾s April 1 1964-71	b1.90 to 3.40%		--
1s 1964-65 F-A	b2.40 to 2.60%		--
1s April 1 1964-71	b2.40 to 3.60%		--
Various Imp Purposes—			
2¾s 1964-68 J-D	b1.80 to 2.60%		--
2¾s 1964-69 J-D	b1.80 to 2.70%		--
Houston (Ind Sch Dist)—			
2¾s 1964-74 J10-J	b1.90 to 3.50%		--
2½s 1975-78 J10-J	b3.25 to 3.60%		--
Public Imp purposes—			
4s 1964-1965 J-J	b1.80 to 2.00%		--
2¾s 1966-1973 J-J	b2.20 to 3.00%		--
3s 1974-1979 J-J	b3.00 to 3.30%		--
3¼s 1980-1983 J-J	b3.25 to 3.40%		--
Lower Colorado River Auth—			
Revenue Refunding			
2s 1964-70 M-N	b2.60 to 3.25%		--
San Antonio—			
5½s w w 1964-65 M-N	b2.00 to 2.20%		--
4½s 1964-67 J-J	b2.00 to 2.60%		--
4¼s 1964-68 F-A	b2.00 to 2.40%		--
2¾s 1964-66 M-S	b2.00 to 2.40%		--
2s Nov 1 1964-66	b2.00 to 2.60%		--
Elec & Gas—			
Rev ref 1¾s 1964-71 F-A	b2.00 to 3.25%		--
Electric & Gas Rev Imp			
(1962 series)			
5s 1964-70 F-A	b2.00 to 2.80%		--
2¾s 1971-74 F-A	b3.00 to 3.30%		--
3s 1975-79 F-A	b3.20 to 3.50%		--
3.10s 1980-81 F-A	b3.40 to 3.50%		--
3¼s 1982-84 F-A	b3.45 to 3.55%		--
Waco 4½s 1964-68 J-J	b2.00 to 2.70%		--
Wichita Falls—			
2¾s Dec 1 1964-74	b1.90 to 3.10%		--
UTAH			
Various bonds—			
3s 1965 A-O	--	--	1.90
2.60s 1966-75 A-O	b2.00 to 2.65%		--
2¾s 1976-78 A-O	b2.70 to Par		--
2.80s 1979-80 A-O	--	--	par
VERMONT			
State 3s 1964-81 M-S	b1.70 to 2.90%		--
State 2s 1964-66 J-J	b1.70 to 1.80%		--
School Bldg 1½s 1964-74 M-S	b1.70 to 2.80%		--
School Bldg & H'way Const—			
3s 1964-77 J-J	b1.70 to 2.80%		--
3⅛s Aug 15 1964-79 F-A	b1.70 to 2.85%		--
Various 2.80s 1964-82 M-S	b1.70 to 2.90%		--
Burlington—			
1½s various 1964-75	b1.90 to 2.75%		--
Rutland—			
2.20s various 1964-75 J-J	b1.90 to 2.85%		--
VIRGINIA			
Toll revenue (series 1949)—			
3s (series 1954) 1994 M-S	98¼	99¼	--
Virginia Public School Auth			
School Financing 1963 A			
4¼s 1965-1967 J-J	b2.10 to 2.40%		--
2¾s 1968-1976 J-J	b2.50 to 3.00%		--
2.90s 1977-1979 J-J	b3.05 to 3.15%		--
3s 1980-1984 J-J	b3.20 to 3.30%		--
Virginia State Ports Authority			
Port Facilities Bonds—			
3s 1964-71 J-D	b1.90 to 2.90%		--
3¼s 1972-75 J-D	b3.00 to 3.10%		--
3½s 1976-79 J-D	b3.15 to 3.30%		--
3¾s Dec 1 1991	105¼	--	--
Alexandria 3s 1964-83 J-D	b1.90 to 3.35%		--
2½s Dec 15 1964-77	b1.90 to 3.40%		--
2¾s 1964-84 M-S	b1.90 to 3.70%		--
Charlottesville—			
Street Imp & Wat Syst—			
1.40s 1964-72 M-N	b2.00 to 3.45%		--
Chesapeake Bay Bridge &			
Tunnel District—			
4⅞s ser A July 2000	112	113	--
5½s ser B July 1 2000	116	--	--
5¾s ser C July 1 2000	113	114½	--
Danville (City of)—			
2s 1964-68 J-J	b1.90 to 2.55%		--
Elizabeth River Tunnel Dist—			
4½s revenue 2000 F-A	111½	113	--
Fairfax County—			
Sewer (series A)			
6s 1964-65 J-J	b2.00 to 2.20%		--
4¼s 1966 J-J	--	--	2.40
2¾s 1967-75 J-J	b2.50 to 3.60%		--
2.80s 1976-89 J-J	b3.70 to 4.00%		--
Fredericksburg (City of)—			
2s 1964-71 J-D	b1.90 to 3.20%		--
Hampton (City of)—			
2¾s 1964-68 J-J	b1.90 to 2.50%		--
3s 1969-78 J-J	b2.60 to 3.10%		--
Lynchburg 1.30s 1964-67 M-S	b2.00 to 3.30%		--
1¼s 1964-76 F-A	b2.00 to 3.75%		--
Newport News—			
2.30s Pub Bldg 1964-68 F-A	b1.90 to 2.50%		--
Norfolk—			
1.70s gen imp 1964-71 F-A	b1.85 to 3.25%		--
2¼s gen imp 1964-67 M-N	b1.85 to 2.35%		--
2.40s water 1964-67 J-D	b1.85 to 2.35%		--
2¾s gen imp 1964-72 J-D	b1.85 to 2.75%		--
4½s 1964-72	b1.85 to 2.80%		--
Water of 1948 series A—			
2½s Dec 1 1964-77	b1.85 to 3.30%		--
1962 issues			
5s 1964-72 J-J	b1.85 to 2.80%		--
3¼s 1973-83 J-J	b2.80 to 3.10%		--
3.40s 1984-85 J-J	--	--	3.15
Issues dated July 1 1963—			
5s 1964-1974 J-J	b1.85 to 2.85%		--
3s 1975-1981 J-J	b2.85 to 3.10%		--
3.20s 1982-1986 J1J	b3.10 to 3.15%		--
Richmond—			
4½s July 1 1964 J-J	--	--	1.80
4¼s July 1 1965 J-J	--	--	2.00
1¾s 1964-68 J-J	b1.80 to 2.55%		--
1½s 1964-71 J-J	b1.85 to 3.20%		--
1¼s 1964-69 J-J	b1.85 to 3.40%		--
Public Improvement—			
2¾s 1964-71 J-J	b1.80 to 2.60%		--
3s 1972-82 J-J	b2.65 to 3.05%		--
Richmond-Petersburg—			
Turnpike Authority—			
3.45s Tpke rev 1995 J-J	99½	101	--
4½s Tpke rev 1995 J-J	106	--	--
Roanoke—			
2¾s water 1964-68 A-O	b1.85 to 2.45%		--
Gen obligation—Water System			
1¼s 1964-75 J-J	b2.00 to 4.00%		--
WASHINGTON			
Motor Vehicle Fuel Tax rev			
Revenue (series B)—			
2¼s Sept 1 1964-69	b2.10 to 3.25%		--
2½s Sept 1 1970-76	b3.10 to 3.50%		--
Pub Sch & Inst Bldg Const—			
2s May 1 1971 opt 1959	b3.25 less 1		--
State H'way Motor Vehicle			
Fuel Tax—			
1¾s 1965-72 opt '61 M-S	b2.50 to 3.50%		--
1¾s 1969 opt '61 M-S	b3.25 less 1		--
1¾s 1966-67 M-S	b2.85 less 1		--
1¾s 1968 M-S	b3.00 less 1		--
1¾s 1971-72 M-S	b3.30 less 1		--
1¾s 1973-75 M-S	b3.60 less 1		--
Washington Pub Power Supply			
System Parkwood Lake			
3⅝s 2012 M-S	97	--	--

See pages 4 and 80

Continued on page 94

*Bids for average maturity. b Basis. n Nominal. f Flat price.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

OVER-THE-COUNTER INSURANCE STOCKS

Stocks—	Par	Bid	Ask
Academy Life Ins (Colo)	30c	2⅞	3⅛
Aetna Casualty & Surety Co	3.50	111	116¾
Aetna Life Insurance Co	5	168	173¼
Agricultural Insurance Co	10	36	39⅝
All American Life & Casualty	1	23¾	24¼
Allied Security Ins Co (S C)	1	9¼	9¾
American Annuity Life Ins	3.20	5¾	6
American Bankers Life Assurance Co of Fla class A	1	28½	30
American Capitol Ins (Texas)	*	3½	4⅜
Amer Equitable Assurance Co	2.50	25⅝	27⅜
American Fidelity Life Ins Co	1	20½	22
American Foundation Pioneer Western Life Ins (Ark) class A	*	2⅞	3⅛
American Founders Life (Austin)	*	63	67½
American Genl Insur Co Tex	1.50	104	108
American Heritage Life Ins Co— (Jacksonville Fla)	1	15½	16⅝
American Home Assurance com	2.50	49	53⅛
$4.64 prior preferred	15	94	—
Amer Hospital & Life Ins Co— (Texas)	1	14¾	15½
American Illinois Life Ins	25c	3	3½
American Income Life Ins (Ind)	1	13	14⅜
American Indemnity Co (Galv)	10	46	—
Amer Independent Reinsurance Co	1	3	3¼
American Life Companies Inc	1	7½	8⅜
American Life Ins (Ala)	1	41½	42¼
American Mercury (Wash D C)	1	3	3⅜
American Motorist Ins (Chic)	3	22¼	23
American National Ins (Galv)	1	16¾	18
American Pioneer Life Ins	2	4½	4¾
American Re-insurance (N Y)	5	67¼	70¾
American Surety Co (N Y)	6.25	19	—
Amicable Life (Waco Texas)	10	138	—
Animal Insurance Co of Amer	2	17½	18½
Appalachian National Life Ins	1	5½	5⅞
Argonaut Insurance (Cal)	1	9⅜	10⅛
Aviation Employees Corp	10c	1⅞	2⅛
Bankers National Life Insurance	2	77	80
Bankers Security Life Insurance Society (N Y)	1	65	70½
Bankers & Shippers	10	57	61½
Bankers Union Life Ins (Colo)— Class A	10	145	150
Beneficial Standard Life (L A)— Class A	1	28⅝	30⅜
Boston Insurance Co	5	42¼	44⅞
Business Men's Assurance Co of America	4	78½	82½
Calif Western States Life Ins	2.50	48¾	51⅝
Century Life (Ft Worth)	*	40	—
Cherokee Insurance Co (Tenn)	5	14½	15½
Chicago National Life Ins	1	11⅛	12⅛
Citadel Life Ins (N Y)	10	46	—
Citizens Casualty Co of New York— Class A common	2	14¾	16¼
Citizens Life Insurance Co of NY	2	30¼	32¾
Civil Service Employees	5	30	33
Coastal States Life Insurance	1.25	28	28½
Colorado Insurance Service	*	1⅛	1¼
Combined Ins Co of America	1	37¼	38
Commonwealth Life (Louisville)	2	68	71½
Connecticut General Life Ins	5	168	173½
Consumers Natl Life Ins (Ind)	1	9	9⅜
Continental American Life Ins (Wilmington Del)	10	67	69
Continental Assurance Co	5	150	156
Continental Casualty Co	5	78½	81½
Cosmopolitan Insurance (Chic)	1	⅛	⅜
Craftsman Life Insurance (Boston)	10	14½	16½
Criterion Insurance (D C)	2	58	63⅜
Crum & Forster	5	53½	56½
Dallas Title & Guaranty	10	22	—
Denver National Life Ins	25c	2½	2⅞
Eagle Fire (Newark)	1.25	4⅛	4¾
Eastern Life Ins Co N Y	1	24½	26¾
Educators Ins of Amer (Cal)	1.50	19	24⅛
Employers Casualty (Dallas)	10	43	—
Employer's Group Associates	*	84	85
Employers Nat Life Insur Co	*	64	—
Employers Reinsurance Corp	5	75½	80
Excelsior (N Y)	6	9¾	11
Farmers New World Life	10	600	—
Farmers Underwriters Assn (L A)	1	71	—
Federal Insurance Co. (N J)	4	74½	78½
Fidelity Bankers Life Insurance	1	16¾	17¾
Fidelity & Deposit Co of Md	5	77	81½
Fidelity Union Life (Dallas)	10	650	685
Financial Corp of Amer (Calif)	1	18½	19⅝
Firemen's (Washington D C)	20	29½	—
Firemans Fund Ins (S F)	1.25	35⅜	37½
First Colony Life Insurance	2.25	11½	12
First National Life Ins (Ariz)	1	6⅛	6⅞
First Pyramid Life Insurance Co of America	8	268	280
First United Life Ins (Ind)	1	5⅛	5⅝
Franklin Life Insurance (Springfield Ill)	2	68¼	69
General Life Ins Corp of Wis	45c	4⅛	4⅞
General Reinsurance	10	226	236
Georgia International Life Insurance Co	2.50	24¼	25⅝
Germantown Fire	30	135	150
Gibraltar Life Ins Co of America (Dallas)	*	17¼	18¼
Glens Falls Insurance (Glens Falls N Y)	5	46½	48
Government Employees Corp	2	40	42
Government Employees Insur	4	79	80½
Government Employees Life Insurance	1.50	64½	66
Great American Ins Co (N Y)	5	61¾	64⅝
Great Amer Reserve Ins (Dallas)	3	91	—
Great Commonwealth Life Ins	*	19½	20½
Great National Life (Dallas)	2	39	—
Great Northern Life Ins (Ind)	1	12⅜	13⅛
Great Plains Life Ins of Wyo	1	5	—
Great Southern Life (Houston)	10	170	174
Greatamerica Corp	3	17½	17¾
Guaranty National Ins (Colo)	50c	⅞	1⅛
Guaranty Savings Life Ins (Mobile)	1	9	9½
Gulf Insurance (Dallas)	5	48½	50½
Gulf Life Insurance Co— (Jacksonville Fla)	2.50	64	67
Hamilton Life Ins Co of N Y	2	57½	61⅞
Hanover Insurance Co	10	51	51½
Harbor Insurance Co	5	12½	13⅞
Hartford Fire Insurance	5	66¾	70
Hartford Steam Boiler Inspec & Insurance Co	10	140	148
Home (New York)	5	79½	82½
Illinois Mid-Continent Life Insurance	50c	14⅝	15
Independence Life Insurance Co of America (Calif)	1.50	28	29½
Inland Life Ins (Chicago)	50c	6⅝	6⅞
Insurance Co. of Oregon	2.50	12	12¾
Intercoast Co Inc	10	14¼	16
International Fidelity (Dallas)	*	2	2⅜
International Life Insurance Co of Buffalo	2	34½	37⅜
Interstate Fire & Casualty (Chi)	5	27	29
Interstate Life & Accident Ins (Tenn)	1	22⅛	23⅜
Investors Security Life Insurance (Illinois)	17½c	4⅝	5¼
Jefferson National Life Insurance	1	30¾	34¼
Jefferson Standard Life (Greensboro N C)	5	109	113¼
Jersey Insurance Co	10	35	38⅛
Kansas City Life Ins	100	3,100	3,200
Kennesaw Life & Accident (Ga)	1	9¾	10¾
Kentucky Central Life Ins Co— Class A	1	18	19⅛
Lamar Life Insur (Jackson Miss)	2	58	59½
Lawyers Title Insurance Corp (Richmond Va)	5	27½	29⅝
Liberty Life Ins (Greenville S C)	2	36½	39⅛
Liberty Nat'l Life Ins (Birm)	2	77¾	80¾
Life Assurance Co of Penn	5	34½	38⅛
Life & Casualty (Nashville Tenn)	3	36	38⅛
Life Insurance Co of Georgia	10	221	228
Life Insurance Co of Virginia	10	137½	143
Lincoln American Life Ins (Memphis)	1	4	4¼
Lincoln Income Life Ins Co (Ky)	1	22½	23¼
Lincoln Liberty Life Insur Co	1	20¼	21¾
Lincoln Natl Life (Fort Wayne)	5	176	180
Loyal American Life Ins (Mobile Ala)	1	6¾	7½
Madison Life Ins Co (N Y)	2	22	23⅞
Manhattan Life Insurance Co	5	117½	121¼
Maryland Casualty Co	1	50⅜	52¾
Massachusetts General Life Insurance Co	3	21	21¾
Massachusetts Indemnity & Life Insurance Co	5	67	71
Mercantile Security Life (Dallas)	10	47½	49
Mercury Casualty Co (Cal)	2	3¾	4⅜
Michigan Life Insurance	50	800	—
Midwestern United Life Ins Co	1	73	74½
Mission Equities Corp (Calif)	*	4¾	5½
Missouri Fidelity Life Ins	1	6⅜	6⅝
Monumental Life Ins (Balt)	10	121	126¾
Mtge Guaranty Ins Corp (Milw)	1	32½	33
Mutual Savings Life Ins (Ala)	1	13	13½
National American Life Ins Co	50c	9	10
National Casualty (Detroit)	10	60	78
National Fidelity Life Ins Co	2	44	45
National Fire (Hartford)	10	120	126¾
National Investors Life Ins (Ark)	1	11¾	13⅜
National Life Accident Insurance (Nashville)	5	111	115¼
National Old Line Life Ins— Class AA common	1	28	28¾
Class BB common	1	28	28½
National Union Fire (Pittsburgh)	5	46¼	49
National Western Life Ins	1	7½	8¼
Nationwide Corp class A	2.50	17	18⅛
New Hampshire Insurance Co	5	33½	35¾
New York Fire Insurance	5	49½	53⅛
North American Life (Chic)	2	28⅞	29¼
North American Life & Casualty Co	1	29	29½
Northeastern (Hartford)	3.33⅓	19	21¼
North River Insurance (N Y)	2½	47¼	51
Northwestern Nat'l Ins (Milw)	5	37¼	39⅜
Northwestern National Life Insurance (Minn)	2.50	30	32½
Occidental Life Ins Co of N C	1	16½	—
Ohio Casualty Insurance	1.25	27	28
Ohio State Life (Columbus Ohio)		44½	—
Old Line Life Ins Co of America	2	63	65
Old Republic Insurance (Pa)	5	16½	17½
Old Republic Life Ins (Chic)	1.50	31	31¾
Pacific Employers Ins (L A)	5	32	—
Pacific Indemnity Co	3.33⅓	36	38⅝
Pacific Insurance Co of N Y	10	58	62¾
Pacific Mutual Life Ins of Calif	1	7	7½
Pacific National Life Assurance Co (Calif)	100	33¾	36⅜
Pacific Southwest Life Ins	50c	¾	1¼
Peerless Insurance Co	5	69	73¼
Peninsular Life Ins (Fla)	5	47	—
Peoples Life Ins (Wash D C)	5	73	77½
Philadelphia Life Insurance	5	122	125
Phoenix Insurance (Hartford)	10	128	135¾
Piedmont Southern Life Ins	10	82	84
Pioneer American Life Ins (Tex)	1	18	19
Pioneer Home Owners Life Ins	1	10½	11½
Professional & Business Men's Insurance Co (Houston)	1	a7¼	7⅝
Protective Life Ins (Birm Ala)	5	63½	68
Protective Security Life Ins (Cal)	1	2¾	3¼
Providence-Washington (Prov)	10	30⅛	32
$2 convertible preferred	10	45	47½
Provident Life & Accid't (Tenn)	10	103	107
Provident Life Ins (Bismarck)	2.50	39½	42¾
Public Savings Insurance (S C)	1	4¾	5⅜
Pyramid Life Ins (Charlotte)	5	31	33⅜
Quaker City Life Ins Co	5	104	108
Reinsurance Corp (New York)	2	22	24⅛
Renewal Guaranty Corp	1	n2½	3
Republic Franklin Life Insurance— Class A	1	7½	7⅞
Republic Insurance (Dallas)	5	30	31½
Republic National Life Ins (Dallas)	1	74	78
Reserve Insurance Co (Ill)	3.50	16	17½
Rio Grande Natl Life (Dallas)	10	n90	—
St Paul Fire & Marine Ins Co	6.25	61¾	65¼
Seaboard Life Insurance Co of America (Florida)	1	8⅞	9¾
Seaboard Surety Corp (N Y)	5	51	54⅝
Security Insurance Co of N H	10	68½	71¾
Security Life & Accident (Colo)	2	49	51
Security Life & Trust (Winston-Salem N C)	5	100	105
Security Title & Guar Co (N Y)	5	7¼	7¾
South Coast Life Ins (Houston)	*	8¾	9¾
Southern Equitable Life Ins (Ark)— Class A common	10c	2¾	3
Class B common	10c	2⅝	2⅞
Southern Fire & Casualty Co	*	5¼	5¾
$1.50 conv preferred	25	23	25½
Southland Life Ins (Dallas)	5	181	185
Southwest Indemnity & Life Ins	2	7¾	8¼
Southwestern Insurance Co	1	2¾	3
Southwestern Life Ins (Dallas)	5	157	160
Springfield Insurance Co Common	2	64¾	68
$6.50 preferred	10	101	105½
Standard Security Life Insurance Co of N Y	2	17⅛	18⅜
Standard Union Life Ins (Ala)	2	3⅝	3⅞
State Life of Colo	1	2½	2⅞
States General Life Ins (Texas)	1	7½	8½
Stuyvesant Insurance Co	5	42	—
Stuyvesant Life Ins Co (Pa)	10	220	—
Sunset Life Ins (Wash)	10	97	—
Surety Life Ins (Utah)	10	17	18⅜
Telephone Employees Life Ins	10	32½	34
Tidelands Life Ins (La)	1	3½	4¼
Title Guaranty Co (N Y)	8	26¾	28¾
Title Insur & Trust (Los Ang)	2.50	64¾	68
Tokio Marine & Fire Ins Co Ltd— "Adrs"		21⅝	22
Travelers Insurance Co	5	200	206½
Trinity Universal Life (Dallas)	5	40½	42½
Union Bankers Ins (Texas)	1	10½	11¾
Union Trust Life Ins (Minn)	1	14¾	16
United American Life Ins (Denver)	1	30¾	31¾
United Family Life Ins Co	50c	6⅞	7½
United Fidelity Life (Dallas)	10	83	87
United Insur Co of America	2.50	65½	68¾
United Security Life Ins (Ala)	1	22½	24⅜
United Services Life Ins	1	85	90½
U S Fidelity & Guarantee (Balt)	5	73¼	76¾
United States Fire Ins Co	3	33¾	36⅛
U S Life Insurance Co in the City of New York	2	93	97½
Universal Life & Accident (Dallas Texas)	10	33¼	—
Variable Annuity Life Ins Co of America	1	11⅝	12⅜
Volunteer State Life Insurance (Chattanooga Tenn)	10	135	145
Vulcan Life & Accident Ins— (Birmingham Ala)	2.50	24¼	25¼
Washington Nat'l Insurance (Ill)	10	90½	92½
West Coast Life Insur (San Fran)	5	60	63⅜
Westchester Fire (New York)	2	37¾	40¼
Western Casualty & Surety	5	51½	52½
Western Empire Life Ins	25c	⅞	1⅛
Western Insurance Sec common	*	190	213
Partic pref A	*	57	—
Western Pacific Ins (Wash)	10	19½	20½
Western Reserve Life Assurance (Ohio)	1	17	18⅞
Wilshire Insurance (Calif)	2	4½	5¼
Wisconsin National Life Ins	10	76	—

*No par value a Called for redemption, see page 94. k Last sale. n Nominal. r Canadian dollar value. t New stock. x Ex-dividend. y Ex-stock dividend.

Primary Markets

INSURANCE STOCKS

BANK STOCKS

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Banks and Trust Companies

Quotations in this department are quoted per share, not per cent, and are as near as possible for the *closing day of the month preceding date of issue,* though they often are nominal. An asterisk (*) denotes a recent sale.

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

ALABAMA

	Par	Bid	Ask
Birmingham—			
Birmingham Trust Natl Bank	10	43	46
Exchange-Security Bank	1	6¾	7¼
First National Bank	10	54	55½
Mobile—			
American National Bank & Trust	10	27	28
First National Bank	25	195	--
Merchants National Bank	10	56	--
Montgomery—			
Alabama National Bank	10	67	--
First National Bank	5	33	34
Peoples Bank & Trust Co	1	7½	8¼
Union Bank & Trust Co	5	64	66

ARIZONA

Phoenix—			
The Arizona Bank	5	31½	33
Valley National Bank of Arizona	5	66	68

ARKANSAS

Little Rock—			
Amer Natl Bank No Little Rock	20	66	72
Commercial National Bank	20	69	72
First National Bank (The)	25	48	51
Union National Bank	20	76	80
Pine Bluff—			
National Bank of Commerce	10	38½	40½

CALIFORNIA

Beverly Hills—			
City Natl Bank of Beverly Hills	5	30	31⅞
Hawthorne—			
Pacific State Bank	3	24	26¼
Los Angeles—			
Bank of Los Angeles	10	23	24½
Citizens National Bank	10	a95	98
Manufacturers Bank of L A	7.50	40½	42
Peoples Bank	12	35	38
Security-First National Bank	12½	82¼	82¾
Union Bank	7.50	78¾	79½
Wilshire National Bank	7.50	24½	26
Mar Vista—			
Fidelity Bank	40	34	36⅝
Oakland—			
Central Valley National Bank	10	36¾	37½
Oakland Bank of Commerce	50	350	--
Pacoima—			
San Fernando Valley Bank	3.50	18¼	19⅞
San Bernardino—			
American National Bank of San Bernardino	5	69	75½
San Diego—			
First Natl Trust & Savings Bank	5	51	53½
San Diego Trust & Savings Bank	25	120	--
U S National Bank	10	48¾	52½
Santa Monica—			
Santa Monica Bank	3	27½	29⅞
San Francisco—			
Bk of Amer Natl Tr & Sav Assn	6¼	66½	69⅜
Bank of California N A	10	67⅜	70⅜
Bank of Trade	10	20	23
Century Bank	15	15	16¼
Continental Bank	15	29½	31⅞
Crocker-Anglo National Bank	10	a58¼	60⅛
First Westn Bank & Trust Co	12.50	55½	--
Golden Gate National Bank	5	34½	37⅛
Hibernia Bank (The)	25	93	97½
Pacific National Bank	10	57½	60⅜
United California Bank	12½	70	73½
Wells Fargo Bank	10	85¼	88¼
San Jose—			
First National Bank	5	38⅛	40¼

CANADA

Prices are in Canadian Dollars

NOVA SCOTIA

Halifax—			
Bank of Nova Scotia	10	71¾	71⅞

ONTARIO

Toronto—			
Canadian Imperial Bank of Commerce	10	62¼	62½
Chartered Trust Co	10	a61	67
National Trust Co	2	27½	27⅝
Toronto Dominion Bank	10	61¾	62⅜

QUEBEC

Bank of Montreal	10	63⅞	64⅜
Banque Canadienne	10	75	77
Provincial Bank of Canada	10	50	50½
Royal Bank of Canada	10	73⅛	73½

COLORADO

Denver—			
Central Bank & Trust	10	21½	22½
Colorado National Bank	25	82	84
Denver U S National Bank	10	36½	37½
First National Bank	50	240	270

CONNECTICUT

Bridgeport—			
City Trust Co	10	58½	61½
Connecticut National Bank	5	19½	20¾
Glastonbury—			
Glastonbury Bank & Trust Co	10	115	--
Greenwich—			
Putnam Trust Co	10	52½	--
Hartford—			
Connecticut Bank & Trust Co	12½	71½	72½
Glastonbury Bank & Trust	10	115	--
Hartford National Bk & Tr Co	10	69½	71
Riverside Trust Co	10	55½	--
Simsbury Bank & Trust Co	10	100	--
South End Bank & Trust Co	10	36	--
Meriden—			
Home National Bank & Trust Co	10	36½	--
Meriden Trust & Safe Dep Co	25	58	--
Puritan Bank & Trust Co	25	58	--
New Haven—			
First New Haven National Bank	10	38¾	40¾
General Bank & Trust Co	12.50	38	--
Second National Bank	12½	50½	52½
Tradesmen's National Bank	10	72	--
Union & New Haven Trust Co	10	41¾	43¾
New London—			
Winthrop Bank & Trust Co	25	a40	--
Stamford—			
Fairfield County Trust Co	10	52½	53½
Stamford Fidelity Bk & Tr Co	10	52½	53½
State National Bank of Conn	10	43	45
Waterbury—			
Colonial Bank & Trust Co	10	70	--
Connecticut Natl Bk of Bridgeport	5	19⅜	21⅛
Waterbury National Bank	12½	40	--

DELAWARE

Wilmington—			
Bank of Delaware	10	46½	--
Colonial National Bank	10	33	--
Commercial Trust Co	10	17	--
Delaware Trust Co	5	70	--
Farmers Bank—			
Ex-200% stock dividend		39	--
First Natl Bank of Wilmington	10	15½	16½
Peoples Bank & Trust Co	25	100	--
Wilmington Trust Co	6.25	85½	--

DISTRICT OF COLUMBIA

Washington—			
American Security & Trust Co	10	153	156
Bank of Commerce	100	480	--
Industrial Bank	10	30	--
International Bank	1	3¼	4½
National Bank of Washington	10	57	--
National Savings & Trust Co	10	95	--
Riggs National Bank	25	182	185
Security Bank	25	122	--
Union Trust Co	10	49	52

FLORIDA

Jacksonville—			
American National Bank	10	46	49
Atlantic National Bank	10	88	90
Barnett Natl Bk of Jacksonville	20	79	81
Barnett National Securities	4	26½	27½
Central National Bank	10	14	16
First Bank & Trust Co	10	23	25
Florida National Bank	25	45½	47
Riverside Bank	10	45	47
State Bank of Jacksonville	10	35½	37
Miami—			
First National Bank	10	70¾	71¾
Florida National Bank & Tr Co	25	74	--
Little River Bank & Trust Co	10	36	--
Merchants Bank of Miami	10	26	--
Metropolitan Bank of Miami	10	17¾	18½
Miami Beach First Natl Bank	10	72	--
Palm Beach—			
First National Bank	10	*78	--
St. Petersburg—			
Central Plaza Bank & Trust Co	14	20½	22½
City Bank & Trust Co	20	41	44
First Natl Bank in St Petersburg	5	20	21
Florida National Bank	25	45	48
St Petersburg Bank & Trust Co	10	20	21
Union Trust Co	12½	46	49
West Palm Beach—			
Atlan Natl Bk of West Palm Bch	10	50	55

GEORGIA

Atlanta—			
Bank of Georgia (The)	10	60	--
Citizens & Southern Natl Bank	10	91½	92½
First National Bank	10	61	61½
Fulton National Bank	10	59	60
Georgia Savings Bank & Tr Co	100	325	--
Peoples Bank (The)	10	34	--
Trust Co of Georgia	10	169	175
Augusta—			
First Natl Bank & Trust Co	10	*47.52	--
Savannah—			
Citizens & Southern Natl Bank	10	91	93½
Liberty National Bank & Trust	10	38	--
Savannah Bank & Trust	10	42½	45

HAWAII

Bank of Hawaii	8	55	55¾
First National Bank of Hawaii	10	60½	61¼
Hawaiian Trust Co	20	51	--

IDAHO

Boise—			
Idaho First National Bank	10	58	61

ILLINOIS

Aurora—			
Aurora National Bank	25	90	--
Chicago Banks—			
Aetna State Bank	12½	21	--
American Natl Bank & Trust Co—			
New $10 par (shares split 10-for-1)		t70	73
Avenue St Bank Oak Park	40	110	--
Bank of Chicago (The)	15	30	--
Belmont Natl Bank of Chicago	10	47	--
Beverly Bank	25	88	--
Central National Bank	10	43½	45½
Chatham Bank of Chicago	100	a--	--
Citizens National Bank	2	48	--
Commercial National Bank	20	40	--
Cont Ill Natl Bank & Trust	33⅓	190	--
New $10 par (shares split 3⅓-for-1 plus 20% stock div)		45	46
Cosmopolitan National Bank	100	190	--
Devon-North Town State Bank	20	70	78
District National Bank	10	40	--
Drexel National Bank	40	50	--
Drovers National Bank	10	30	--
Exchange National Bank	10	46	48
First Commercial Bank	20	59	--
First National Bank (Chicago)	20	80	81
First National Bank of Lincolnwood	10	18	--
First Security Trust & Sav	13⅓	14	--
Guaranty Bank & Trust Co	20	30	33
Irving State Bank	10	28	32
Jefferson State Bank	25	55	--
Lake Shore National Bank	10	41	45
La Salle National Bank	25	46	49
Lawndale National Bank	10	61	--
Lincoln National Bank	25	70	--
Live Stock National Bank	20	110	--
Madison Bank & Trust Co	10	36	--
Main State Bank	10	35	--
Manufacturers National Bank	20	59	--
Marquette National Bank	20	50	--
Merchandise National Bank	10	35	37
Mercantile National Bank	20	54	56
Metropolitan State Bank	100	750	--
Michigan Avenue Natl Bank	20	65	--
Ex-12% stock dividend			
Mid-America National Bank	40	115	--
Mid-City National Bank	100	260	280
Mutual National Bank of Chicago	1	36	--
National Bank of Albany Pk	12½	38	41
National Bank of Austin	50	84	--
National Bank of Commerce	20	57	--
National Bank of Hyde Park	20	57	--
National Boulevard Bank	20	95	--
Natl Security Bank of Chicago	25	76	81
North Shore National Bank	10	44½	46½
Northwest National Bank	20	77	--
Oak Park Trust & Savings Bank	50	110	--
Park National Bank	10	24	--
Peoples National Bank	10	22	26
Pioneer Trust & Savings Bank	25	90	105
Sears Bank & Trust Co	25	97	--
South Chicago Savings Bank	62½	200	--
South East National Bank	10	38	42
South Shore National Bank	10	37	--
State Bank of Clearing	100	180	--
Steel City National Bank	10	24	--
Univ National Bank of Chicago	100	700	--
Upper Avenue National Bank	50	135	--
Uptown National Bank	25	74	--
Western National Bank of Cicero	20	50	--
Chicago Trust Cos—			
Amalgamated Trust & Sav Bk	100	80	--
Chicago City Bank & Trust Co	50	125	--
Colonial Bank & Trust Co	10	35	--
Harris Trust & Savings Bank	20	103	105
Lake View Trust & Savings Bank	20	150	--
Northern Trust Co	20	139	142
South Side Bank & Trust Co	10	10	--
Peoria—			
Commercial National Bank	20	50	51
First National Bank	20	62	--
Jefferson Trust & Savings Bank	10	15	--
Prospect National Bank	20	34	--
South Side Trust & Sav Bank	100	120	--
University National of Peoria	20	34	--
Quincy—			
Broadway National Bank	25	35	--
Illinois State Bank	83⅓	85	--
Mercantile Trust & Sav Bank	50	100	--
South Side Bank of Quincy	100	110	--
Rockford—			
American National Bk & Tr Co	40	100	--
Central Natl Bank & Trust Co	25	90	--
City National Bank & Trust	20	30	--
First Natl Bank & Trust	40	87½	--
Springfield—			
First National Bank	20	80	--
Illinois National Bank	10	36½	--
Springfield Marine Bank	25	100	--

INDIANA

Evansville—			
Citizens National Bank	12.50	42½	43½
Lamasco Bank	10	16	17
National City Bank	10	27	28
Old National Bank	10	36	38
Gary—			
Bank of Indiana	10	--	55
Gary National Bank	10	500	--
Indianapolis—			
Amer Fletcher Natl Bk & Tr Co	10	58	61½
Indiana National Bank	20	100	105
Live Stock Exchange Bank	10	37	--
Merchants Natl Bank & Trust	10	66	--

*Sale price. a See comprehensive footnotes below. d Ex-rights. e Ex-5% stock dividend. t New stock. x Ex-dividend. z Ex-10% stock dividend. y Ex-20% stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

	Par	Bid	Ask
South Bend—			
American Bank	10	22	23
First Bank & Trust Co	10	42	44
National Bank & Trust Co	10	30	32
St Joseph Bank & Trust Co	20	57	60
Terre Haute—			
Merchants National Bank	25	50	--
Terre Haute First Natl Bank	20	70	--

IOWA

Cedar Rapids—			
Guaranty Bank & Trust Co	20	51	--
Merchants National Bank	50	1,100	1,200
Peoples Bank & Trust Co	20	50	--
Council Bluffs—			
City National Bank	10	40	--
Council Bluffs Savings Bank	100	210	--
State Savings Bank	100	225	--
Des Moines—			
Bankers Trust Co	25	95	100
Capitol City State Bank	100	180	--
Central National Bank & Tr Co	50	375	400
Valley Bank & Trust Co	100	190	--

KANSAS

Topeka—			
Fidelity State Bank	100	400	--
First National Bank of Topeka	10	41	--
Merchants National Bank	25	51	52½
State Savings Bank	100	150	--
Topeka State Bank	25	75	--
Wichita—			
First National Bank	100	400	--
Fourth National Bank	10	47	49
Union National Bank	10	44	--

KENTUCKY

Covington—			
Citizens National Bank	100	225	--
Covington Trust & Banking Co	10	22	--
First National Bk & Trust Co	10	39	--
Peoples-Liberty Bank & Trust	10	22	--
Security Bank	100	350	--
Lexington—			
Bank of Commerce	25	93	--
Citizens Union Natl Bk & Tr Co	10	31	32
First Security Natl Bank & Tr	12½	61	63
Second National Bank & Tr Co	100	275	--
Louisville—			
Bank of Louisville	20	a54	--
Citizens Fidelity Bank & Trust	10	54½	55½
First National Bank	No par	136	141
Liberty National Bank & Trust	25	87	--
Louisville Trust Co	10	37	--
Royal Bank & Trust Co	10	a60	--
Stock Yards Bank	20	80	--
Newport—			
Newport National Bank	10	38	42

LOUISIANA

Jefferson Parish—			
First National Bank	1	65	72½
National Bank of Commerce	10	36	--
New Orleans—			
Bank of La in New Orleans	10	18¾	--
Bank of New Orleans & Trust Co	12.50	37	--
Hibernia National Bank	10	56	59
Natl Amer Bank of New Orleans	10	50	53
National Bank of Commerce	10	54½	56½
Whitney Holding Co	*	52	53½
Shreveport—			
Commercial National Bank	25	70	--
First National Bank	12½	70	72

MAINE

Augusta—			
First National Granite Bank	20	52	56
Depositors Trust Co	12.50	53½	57
Bangor—			
Eastern Trust & Banking Co	100	325	--
Merchant's National Bank	20	33	--
Merrill Trust Co	20	44	47
Lewiston—			
First-Manufacturers National Bank of Lewiston & Auburn	12.50	42	--
Portland—			
Canal National Bank	10	36	38½
Casco Bank & Trust Co	12½	41	44
First National Bank	25	72	--
Waterville—			
Federal Trust Co	25	67	--
Westbrook—			
Westbrook Trust Co	25	49	52

MARYLAND

	Par	Bid	Ask
Baltimore—			
Carrolton Bank of Baltimore	10	--	60
Equitable Trust Co	10	119	124
First National Bank of Md	10	61	62
Maryland National Bank	10	85	86
Mercantile Safe Deposit & Tr Co	10	75½	76½
Union Trust Co	10	70½	71½
Cumberland—			
First-Second National Bank	20	41	--
Liberty Trust Co	10	29	--
Frederick—			
Farmers and Mechanics Natl Bk	10	47	--
Frederick Co National Bank	10	30	--
Fredericktown Savings & Trust	20	55	--
Western Maryland Trust	10	55	--
Hagerstown—			
Farmers & Merchants Bank	10	25	--
Hagerstown Trust Co	10	21	--

MASSACHUSETTS

Boston—			
Boston Safe Deposit & Trust	25	150	--
City Bank & Trust Co	5	37	42
First National Bank	12.50	x92	95
National Shawmut Bank	12½	68	70½
New England Merchants National Bank	10	52½	55
State Street Bank & Trust Co	10	39	41½
United States Trust Co	10	41	44½
Beverly—			
Beverly National Bank	25	51	--
Beverly Trust Co	10	40	--
Brockton—			
Natl Bank of Plymouth County	10	35	--
Plymouth-Home National Bank	20	53	57
Cambridge—			
Cambridge Trust Co	25	135	--
Harvard Trust Co	10	90	--
Everett—			
Everett National Bank	10	31	--
Middlesex Co National Bank	10	56	60
Fall River—			
Durfee (B M C) Trust Co	25	112	--
Fall River National Bank	25	80	--
Fall River Trust	100	225	--
Fitchburg—			
Safety Fund National Bank	50	170	--
Gloucester—			
Cape Ann Bank & Trust Co	20	70	--
Gloucester National Bank	10	29	--
Haverhill—			
Haverhill National Bank	100	1600	--
Merrimack Valley National Bank	20	48½	--
Holyoke—			
Holyoke National Bank	10	30	--
Park National Bank	50	80	--
Lawrence—			
Bay State Merchants National	12½	40	--
Lowell—			
Union National Bk of Lowell	12½	71	--
Lynn—			
Essex Trust Co	10	35	--
Lynn Safe Deposit & Trust	100	420	--
Security Trust Co	10	35	39
Malden—			
First National Bank	50	165	--
Malden Trust Co	10	46	49½
New Bedford—			
First Safe Deposit National Bk	5	22	--
Merchants National Bank	10	44	--
Salem—			
Merchants-Warren Natl Bank	10	36	--
Naumkeag Trust Co—			
Common	10	75	--
Preferred	10	10	--
Springfield—			
Safe Deposit & Trust Co	10	35	37½
Security National Bank	10	55	--
Third Natl Bank of Hampden Co	10	36	--
Valley Bank & Trust	10	44	--
Taunton—			
Bristol County Trust	25	105	--
First Machinists' National Bank	10	28	32
Worcester—			
Mechanics National Bank	100	650	--
Guaranty Bank & Trust Co	10	38½	--
Industrial City Bank & Bkg Co	10	46	--
Worcester County Natl Bank	10	59	63½

MICHIGAN

Bay City—			
Bay City Bank	20	36	--
Peoples Natl Bank & Trust Co	10	31	--
Detroit—			
Bank of the Commonwealth	16⅔	53½	56½
City National Bank of Detroit	10	41½	42¾
Detroit Bank & Trust Co	10	62¼	63¼
Manufacturers National Bank	10	65	65½
National Bank of Detroit	12½	68¾	69½
Public Bank	25	17¼	18
Flint—			
Citizens Commercial & Savings Bank	20	76	78
Genesee Merchants Bk & Trust	10	62½	64½
Grand Rapids			
Central Bank	10	54	--
Citizens Industrial Bank	100	350	--
Old Kent Bank & Trust Co	10	58½	60½
Union Bank & Trust Co	10	58½	60½
Lansing—			
Michigan National Bank	10	35	37
Saginaw—			
Second National Bank	25	68	71

MINNESOTA

Minneapolis—

First Bank Stock Corp—
Holds controlling interest in banks, etc., throughout the Ninth Federal Reserve District.
Quotation on page 65.

MISSISSIPPI

Jackson—			
Depos Guaranty Bank & Trust	10	96	98
First National Bank	5	65	67
Vicksburg—			
First National Bank of Vicksburg	8	30	--

MISSOURI

Kansas City—			
Baltimore Bank new $25 par Shares split 4-for-1		t52	--
Blue Hills Bank of Commerce	20	50	--
Central Bank	20	43	--
City National Bank & Trust Co	25	76	80
Columbia National Bank	25	59	--
Commerce Trust Co	20	63	68
Community State Bank	20	42	--
First National Bank	25	100	108
Grand Avenue Bank	20	72	--
Kansas City Bank & Trust Co	25	125	--
Linwood State Bank	20	33½	--
Livestock National Bank	10	23	--
Manufacturers & Merchants Bk	20	47	--
Merchants-Produce Bank	20	47	--
Mercantile Bank & Trust	25	37	--
Missouri Bank & Trust Co	100	210	--
National Bank in North KC	20	60	--
Park National Bank	100	200	--
Peoples Bank	100	140	--
Plaza Bank of Commerce	20	59	--
Southeast State Bank	100	200	--
South Side Bank	100	300	--
Traders National Bank	25	50	55
Union National Bank	10	35½	--
University Bank	20	55	--
Westport Bank	100	350	--
St Joseph—			
First National Bank	100	250	--
St Louis Banks—			
American National Bank	20	45	--
Baden Bank	20	45	--
Big Bend Bank	25	49	--
Boatmens' National Bank	10	40	42
Bremen Bank & Trust Co	20	65	--
Cass Bank & Trust Co	20	55	--
Clayton Bankshares Corp	1	5¼	5½
Crestwood Bank	20	30	35
Crestwood Bank Shares Holding Co Units		12	--
First National Bank	10	42	43
Hampton Bank	10	20	22
Jefferson Bank & Trust Co	20	45	--
Jefferson-Gravois Bank	30	40	--
Manchester Bank	10	35	37
Manufacturers Bank & Trust Co	20	73½	--
Northwestern Bank & Trust Co	20	50	--
St Louis Co National Bank	20	43	--
Security Trust Co	10	39	40
Southern Commercial & Sav Bk	20	58	--
South Side National Bank	20	77	--
Southwest Bank	10	24½	25½
Tower Grove Bank & Trust Co	20	44	46
St Louis Trust Cos—			
Chippewa Trust Co	20	30	--
Lindell Trust Co	10	35	--
Mercantile Trust Co	12.50	49	50
Mound City Trust Co	10	21¾	22¾
North St Louis Trust Co	20	85	--
St Louis Union Trust Co	10	65½	--

NEBRASKA

Lincoln—			
First National Bank & Trust Co	10	40½	--
National Bank of Commerce & Savings Association	20	65	--
Omaha—			
First National Bank	5	42	--
Omaha National Bank	10	41½	--

NEW HAMPSHIRE

Manchester—			
Amoskeag National Bank— Shares split 3-for-1		t450	--
Nashua—			
Indian Head National Bank	25	115	--
Nashua Trust Co	25	90	--
Second National of Nashua	100	250	--
Portsmouth—			
First National Bank	20	60	--

*Sale price. a See comprehensive footnotes on page 93. d Ex-rights. t New stock. x Ex-dividend. y Ex-stock dividend. z Ex-50% stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

NEW JERSEY

	Par	Bid	Ask
Asbury Park—			
Asbury Park & Ocean Grove Bk	5	a29	30
First Merchants National Bank	2.50	10½	11
Atlantic City—			
Boardwalk National Bank	10	25½	27½
Guarantee Bank & Trust	1	6¾	7¾
Bayonne—			
Broadway National Bank	50	175	--
Bridgeton—			
Bridgeton National Bank	100	136	--
Cumberland National Bank	100	260	--
Farmers & Merch Natl Bank	20	36	--
Camden—			
Camden Trust Co	5	49¾	50¼
First Camden Natl Bk & Tr Co	6¼	50	52
Merchantville Natl Bk & Trust	5	38	--
Elizabeth—			
Central Home Trust Co	20	80	85
Elizabethport Banking Co	20	78	88
National State Bank	10	44	47
Unibn County Trust Co	10	41½	43½
Freehold—			
Central Jersey Bk & Tr Co	2.50	11¾	12¾
Hackensack—			
Bergen County National Bank	25	185	--
Peoples Tr Co of Bergen County	5	30½	32
Haddonfield—			
Haddonfield National Bank	5	34	36
Jersey City—			
Commercial Trust Co	10	49	52
First National Bank	10	42	45
Hudson County National Bank	10	29	32
Trust Company of New Jersey	2½	11½	13
Maplewood—			
Maplewood Bank & Trust	20	192	200
Morristown—			
First National Iron Bank	10	41½	--
Trust Co of Morris County	20	72½	74½
Mt Holly—			
Union Natl Bank & Trust	10	36	--
Newark—			
Bank of Commerce	25	46½	49
Broad National Bank	30	46	--
Fidelity Union Trust Co	5	55½	57½
Natl Newark & Essex Banking	10	35½	37½
National State Bank	6.25	41½	43½
New Brunswick—			
National Bank of N J	10	46½	48½
New Brunswick Trust Co—			
Common	10	14	--
3% class A preferred	10	10	--
Peoples National Bank	25	70	--
Passaic—			
Bank of Passaic & Clifton	10	56	--
Paterson—			
Broadway Bank & Trust	6½	32	34
First National Bank of Passaic County	25	104	--
Franklin Bank	10	34	36
New Jersey Bank & Trust Co	11	43½	45
Peoples Bank of Hawthorne	10	15	17
Prospect Park National Bank	25	180	--
Plainfield—			
Plainfield Trust State Natl Bank	5	24	26
Point Pleasant—			
Ocean County National Bank	50	370	--
Rahway—			
State Bank of Rahway	12½	25	--
Red Bank—			
Monmouth County National Bk	1	8⅛	9⅛
Rutherford—			
National Community Bank of Rutherford	12.50	44	46
Toms River—			
First National Bank	5	30	31
Trenton—			
Broad Street National Bank	20	82	--
First Trenton National Bank	10	53	55
Security National Bank	25	70	--
Trenton Trust Co	5	78	--
Union City—			
Hudson Trust Co	8	20½	22½

NEW MEXICO

Albuquerque—			
First National Bank	12.50	47¾	48½

NEW YORK

Albany—			
First Trust Co	10	90	95
Mechanics & Farmers Bank	10	67	70
National Commercial Bank & Trust Co of Albany	7.50	52½	54½
State Bank of Albany	10	82	86
Auburn—			
National Bank of Auburn	50	*120	--
Brooklyn—			
See Kings and Queens County—			
Buffalo—			
Bank of Buffalo	10	31	--
Liberty Natl Bank & Trust Co	10	48½	51
Lincoln National Bank	5	14	--
Manufacturers & Traders Tr Co	5	29½	31
Elmira—			
Chemung Canal Trust Co	5	28	32
Ithaca—			
Tompkins County Trust Co	10	55	60
Jamestown—			
Bank of Jamestown	10	a32	--
First National Bank	5	58	--
Kings and Queens County—			
Bensonhurst National Bank	5	a26	--
Central State Bank	5	t23	24
Shares split 2-for-1			
Kings County Trust Co	10	57	58
Lafayette National Bank	10	72	75
National Bank of Far Rockaway	100	75	--
United Industrial Bank	100	350	--
United Natl Bank of Long Island	10	70	75
Kingston—			
Kingston Trust Co	20	73	--
Rondout National Bank	50	120	--
State of N Y National Bank	100	231	--
Long Island (Nassau County)—			
Bank of Westbury Trust	12.50	48	51
Community Bank (Lynbrook)	20½	34	37
County National Bank (Mineola)	10	21¾	22¾
First National Bank (Glen Head)	5	52	--
Franklin National Bank of Long Island—			
Common	5	53	54
4.60 preferred	100	101	103
Hempstead Bank	5	27	28
Long Island Natl Bk (Hicksville)	5	28	30
Long Island Tr Co (Garden City)	5	31	32
Matinecock Bank (Locust Valley)	5	50	53
Meadow Brook National Bank	5	26¼	27¼
Nassau Trust Co (Glen Cove)	5	43	46
Oceanside Natl Bk (Oceanside)	100	400	--
Peninsula Natl Bk (Cedarhurst)	6.25	35	37
Second National Bank & Trust (Hempstead)	10	50	--
Valley Natl Bank of Long Island	5	41	42
Long Island (Suffolk County)—			
Bank of Babylon	5	40	42
Bank of Smithtown	10	a100	110
Bk of Suffolk Co (Stony Brook)	10	60	65
Bridgehampton National Bank	10	a50	--
Eastern National Bank of L I (Smithtown)	5	17½	19
First National Bank (Bay Shore)	10	70	80
First National Bank (East Islip)	5	33	--
Hampton Bays National Bank—			
Shares split		t150	--
Natl Bank of Lake Ronkonkoma	20	60	--
North Fork Bk & Tr (Mattituck)	10	90	--
Oysterman's Bank & Tr (Sayville)	5	41	--
Patchogue Bank (Patchogue)	5	42	46
Peoples Natl Bank (Patchogue)	5	60	63
Seaside Bk (Westhampton Beach)	20	65	--
Security Natl Bank of Long Island (Huntington)	5	34½	35½
Suffolk Co Natl Bk (Riverhead)	10	70	--
Tinker Natl Bk (East Setauket)	10	135	150
Newburgh—			
Highland National Bank	25	*68¼	--
New York City Banks—			
Bank of Commerce	10	53	--
Bank of New York—			
New $40 par (split 2½-for-1 plus 1-for-9 stock dividend)		155¾	156¾
Chase Manhattan Bank	12½	91⅝	92⅛
Chemical Bank New York Tr Co	12	88¼	88⅝
Commercial Bank of No America	5	34¼	35
First National City Bank	20	113¼	113¾
Grace National Bank	100	600	650
Merchants Bank of N Y	6.25	48½	--
Royal National Bank	5	27¾	28½
Sterling National Bank & Trust	15	66	68
New York City Trust Cos—			
American Trust Co	10	30	32
Bankers Trust Co	10	58¾	59⅛
Empire Trust Co	50	315	320
Federation Bank & Trust Co	10	42¼	43¼
Fiduciary Trust Co	10	57	60
Irving Trust Co	10	48⅝	49⅛
Manufacturers Hanover Trust Co	15	54⅞	55⅜
Morgan Guaranty Trust Co	25	119½	120
Trade Bank & Trust Co	10	30	--
Underwriters Trust Co	40	120	--
U S Trust Co of New York	10	76¼	77¼
Rochester—			
Central Trust Co	20	74	77
Lincoln Rochester Trust Co	20	82	83½
Security Trust Co	25	66	68
Schenectady—			
Citizens Trust Co	25	47	--
Mohawk National Bank	25	53	--
Schenectady Trust Co	16	57	--
Suffern—			
Rockland National Bank	5	34	--
Syracuse—			
First Trust & Deposit—			
Common	2.50	17¾	18½
Lincoln National Bank & Trust Co of Central New York	10	40½	42
Merchants National Bank	10	45	47
Troy—			
Union National Bank	20	130	--
Utica—			
Bank of Utica	20	75	--
Marine Midland Trust Co of the Mohawk Valley	5	19	21
Oneida National Bank & Trust Co of Central New York	10	70	74
Watertown—			
Marine Midland Trust Co or Northern New York	25	100	--
Watertown National Bank	40	35	--
Westchester County—			
County Trust Co (White Plains)	5	57⅝	58⅛
First National Bank (Mount Vernon)	25	a220	240
First National Bank (North Tarrytown)	100	1,000	--
First National Bank of Yonkers	2.50	21½	23
First Westchester National Bank (New Rochelle)	5	29¾	30⅜
National Bank of Westchester (White Plains)	5	30½	31
Northern Westchester Natl Bank (Chappapua)	12.50	125	--
Scarsdale National Bank & Trust Co (Scarsdale)	10	60	65

NORTH CAROLINA

Asheville—			
Bank of Asheville	10	36	--
Charlotte—			
First Union National Bank	5	25	26½
North Carolina National Bank	5	40	41½
Durham—			
Central Carolina Bank & Trust	25	97	--
Mechanics & Farmers Bank	5	8	--
Hickory—			
First Natl Bk of Catawba County	5	28	30
North Wilkesboro			
Northwestern Bank	10	82	83½
Raleigh—			
First-Citizens Bank & Trust Co	10	275	--
Wilson—			
Branch Banking & Trust Co	5	70	--
Winston-Salem—			
Wachovia Bank & Trust	5	41	42¼

OHIO

Akron—			
Firestone Bank	25	66	--
First National Bank	10	59	61
Canton—			
Canton National Bank	50	60	65
Dime Bank	10	22	23
First National Bank of Canton	10	39½	41¼
Harter Bank & Trust Co	100	36½	38
Peoples Merchants Trust Co	25	51	53½
Cincinnati—			
Central Trust Co	10	46	--
Fifth-Third Union Trust Co	25	93	96
First National Bank	10	64	66
Northside Bank & Trust Co	50	150	--
Provident Bank	10	58½	60
South Ohio National Bank	20	50	--
Cleveland—			
Capital Bank	25	145	160
Central National Bank	16	57	58
Cleveland Trust Co	50	388	392
Continental Bank	10	46½	50½
National City Bank	8	60½	61½
Society Corp vtc	1	49¼	50¼
Union Commerce Bank	10	44	45
Columbus—			
City National Bank & Trust Co	10	67	--
Huntington National Bank	20	107	--
Dayton—			
National Bank of Dayton	12.50	53	--
Third National Bk & Tr Co	6.25	31½	--
Winters National Bank & Trust	10	35½	--
Toledo—			
Lucas County State Bank	50	143	--
National Bank of Toledo	25	60	--
Ohio Citizens Trust Co	20	62¼	--
Toledo Trust Co	20	78	--

OKLAHOMA

Oklahoma City—			
First National Bank & Trust	10	51½	54
Liberty National Bank & Trust	10	53	58¾
Tulsa—			
First National Bank & Trust	10	50	55
First Okla Bancorporation	5	7½	8½
Fourth National Bank	10	31½	--
National Bank of Tulsa	10	46	50
Utica Square National Bank	15	30½	--

OREGON

Portland—			
First National Bank of Oregon	12½	72¾	74¼
Oregon Bank	20	34	35
Security Bank of Oregon	20	16¾	17¾
United States National Bank	20	83½	85

PENNSYLVANIA

Allentown—			
First National Bank	10	41½	43½
Lehigh Valley Trust Co	10	24	28
Merchants National Bank	10	42	44
Altoona—			
Altoona Central Bank & Tr Co	10	57½	--
First National Bank	10	50¼	--
Berwyn—			
Upper Main Line Bank	10	42	--
Bryn Mawr—			
Bryn Mawr Trust Co	5	52	54
Carlisle—			
Farmers Trust Co	10	62	--
Chester—			
Delaware County Natl Bank	10	56½	58½
Doylestown—			
Doylestown Natl Bank & Trust	5	41	46
Doylestown Trust Co	20	80	--
Harrisburg—			
Dauphin Deposit Trust Co	10	66½	--
Harrisburg National Bank & Trust Co	10	114	--
Keystone Trust Co	10	29	--
Lancaster—			
Conestoga National Bank	20	69	71
Farmers Bank & Trust	10	a29	30
Fulton National Bank	20	66	68
Lancaster Co National Bank	10	a42	44

*Sale price. a See comprehensive footnotes on page 93. d Ex-rights. t New stock. x Ex-dividend. y Ex-10% stock dividend. z Ex-25% stock dividend.

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QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

	Par	Bid	Ask
Lemoyne—			
Lemoyne Trust Co	10	40½	--
McKeesport—			
Peoples Union Bank & Tr Co	12.50	45	--
Western Pennsylvania Natl Bank	10	51½	53½
New Cumberland—			
Cumberland County National Bank & Trust	10	35	--
Norristown—			
Montgomery County Bk & Trust	10	34½	--
Philadelphia Banks—			
Central-Penn National Bank	10	57	58
First Pennsylvania Banking & Trust Co	5	31	32
Philadelphia National Bank	10	55¾	56¾
Second National Bank of Phila	10	50	55
Philadelphia Trust Cos—			
Broad Street Trust Co	5	37½	38½
Citizens & Southern Bank	5	9	11
Fidelity-Philadelphia Trust Co	10	98	100
Frankford Trust Co	10	79	85
Girard Trust-Corn Exchange Bk	10	75	76½
Industrial Valley Bank & Trust	5	30¼	31¼
Liberty Real Estate Bk & Tr Co	10	a61¾	62¾
Pennsylvania Warehousing & Safe Deposit Co	100	160	--
Provident Tradesmen's Bk & Tr	12	76½	77½
Sonsitaly Bank & Trust Co	50	45	--
Pittsburgh—			
Allegheny Valley Bank	50	90	--
Avalon Bank	50	180	--
Brookline Savings & Trust	12.50	55	--
Commonwealth Bank & Tr Co	100	48	--
Hazlewood Bank (The)	10	a35	--
Iron & Glass Dollar Savings	100	250	--
Mellon Natl Bank & Trust Co	10	84	86
North Side Deposit Bank	40	95	--
Pittsburgh National Bank	10	42½	44½
St Clair Deposit Bank	10	30	--
Union National Bank	10	42	--
Pottsville—			
Miners National Bank	20	55	--
Reading—			
Berks County Trust Co	5	38	39
Peoples Trust-City Bank	5	24	25
Reading Trust Co	10	57	57½
Scranton—			
East Scranton State Bank	25	41	--
Green Ridge Bank	12.50	65	--
North Scranton Bank & Trust	15	60	--
Northeast Pa Natl Bank & Tr	18	54	--
Scranton National Bank	50	136	--
South Side Bank & Trust	25	57	--
Third National Bank & Trust	25	70	72
West Side Bank	25	105	--
Wilkes-Barre—			
First National Bank	20	61	63
Hanover National Bank	20	60	--
Miners National Bank	10	41	42½
Wyoming National Bank	10	31	33
Williamsport—			
First National Bank	10	36	--
West Branch Bank & Trust	10	*50	--
York—			
Drover & Mechanics Natl Bank	10	30	31
First National Bank	10	52	--
Industrial Natl Bank West York	10	38	41
National Bank & Trust Co of Central Pennsylvania	10	23½	25
York Bank & Trust Co	33	36	38

PUERTO RICO

(Commonwealth of)

Banco Credito Y Ahorro Ponceno	20	62	63
Banco Popular De Puerto Rico	20	114	115
Banco De Ponce	100	355	--

RHODE ISLAND

Providence—			
Citizens Trust Co	50	80	--
Columbus National Bank	10	26	30
Industrial National Bank of Rhode Island	10	54	56½
Plantation Bank of Rhode Island	10	38	40
Rhode Island Hospital Trust Co	10	82	85

SOUTH CAROLINA

Charleston—			
Citizens & Southern Natl Bank	10	111	116
South Carolina National Bank	5	56	57½
Columbia—			
First National Bank of South Carolina	5	50	53
Greenville—			
Peoples National Bank	10	73	--

TENNESSEE

Chattanooga—			
American National Bank & Tr	20	90	--
Hamilton National Bank	20	88	--
Knoxville—			
Hamilton National Bank	100	315	320
Memphis—			
First National Bank	10	58	61
National Bank of Commerce	10	62	65
State Savings Bank	100	200	205
Tri-State Bank of Memphis	100	105	110
Union Planters National Bank	10	63	66
Nashville—			
Commerce Union Bank	10	34	35
First Amer National Bank	10	42½	43½
Third National Bank in Nashville	10	78	80

TEXAS

Dallas—			
American Bank & Trust Co	10	35	--
Bank of Services & Trust Co	10	34	--
East Dallas Bank & Trust	24	36	--
Empire State Bank	20	28	--
Exchange Bank & Trust Co	10	30	38
Fair Park National Bank	20	33	--
First Citizens Bank of Dallas	10	30	33
First National Bank	10	68½	69½
Grand Avenue Bank & Trust Co	20	50	--
Greenville Ave State Bank	20	60	--
Grove State Bank	20	48	--
Hillcrest State Bank	20	55	--
Industrial National Bank	10	14	--
Lakewood State Bank	20	50	--
Mercantile National Bank	10	44½	45½
Merchants State Bank	20	52	--
National Bank of Commerce	10	43	--
Northwest National Bank		55	--
Oak Cliff Bank & Trust Co	10	50	--
Park Cities Bank & Trust		29	--
Preston State Bank	12	25¼	--
Republic National Bank	12	61¼	62
South Oak Cliff State Bank	100	225	--
Texas Bank & Trust Co	10	30½	31¼
Wynnewood State Bank	20	60	--
El Paso—			
Chelmont State Bank	10	30	--
El Paso National Bank	20	63	--
Southwest National Bank	20	60	62
State National Bank	100	440	--
Fort Worth—			
Continental National Bank	10	31	33
First National Bank	10	28½	31
Fort Worth National Bank	10	38	41
Riverside State Bank	20	70	--
Houston—			
American Bank & Trust Co	10	40	--
Bank of the Southwest N A	20	110	113
Central National Bank	10	34	--
Chimney Rock National Bank	20	65	--
Citizens State Bank	100	1000	--
Fidelity Bank & Trust Co	20	82	--
First City National Bank	10	68½	70½
Harrisburg National Bank	10	35	--
Houston Bank & Trust Co	20	95	--
Houston National Bank	10	54	--
Lockwood Natl Bk of Houston	10	84½	--
Long Point National Bank	20	58	--
MacGregor Park National Bank	20	53	--
National Bank of Commerce	10	100	--
North Side State Bank	5	33	--
Reagan State Bank	20	82	--
South Main State Bank	20	82	--
Texas National Bank	10	79½	81½
University State Bank	100	550	--
Port Arthur—			
First National Bank	20	74	--
San Antonio—			
Alamo National Bank	10	54	--
Bexar County National Bank	50	42	--
First National Bank	10	36	--
Frost National Bank	100	1500	--
Groos National Bank	100	41	--
Kelly Field National Bank	10	40	--
National Bank of Commerce	10	33½	35¾

UTAH

Ogden—			
Commercial Security Bank	25	55	57
First Security Corp	1.25	43	44½
First Security Investment Co	25c	8	8½
Salt Lake City—			
Continental Bank & Trust Co	10	34½	36
Tracy-Collins Bank & Trust Co	6.25	67	71
Walker Bank & Trust Co	25	48	50
Zions First National Bank	10	110	115

VERMONT

Brattleboro—			
Vermont Bank & Trust Co	12	44	46
Montpelier—			
Montpelier National Bank	20	38	40
Rutland—			
Rutland County Bank	100	220	--

VIRGINIA

Lynchburg—			
Lynchburg Natl Bk & Trust Co	10	50	53½
Norfolk—			
Seaboard Citizen National Bk	10	103	105½
Virginia National Bank	5	37½	38½
Portsmouth—			
American National Bank	10	48	--
Citizens Trust Co	100	40	--
Merchants & Farmers Bank	10	48¼	--
Richmond—			
Central National Bank	7.50	46	47
First & Merchants Natl Bank	10	45½	46½
Southern Bank & Trust	15	98	--
United Virginia Bank Shares Inc	10	41¼	42¼
Virginia Commonwealth Corp	10	44¾	45¾
Virginia Trust Co	20	76	--
Roanoke—			
Colonial-Amer National Bank	10	44	--
First National Exchange Bank	10	48¼	49¼
Mountain Trust Bank	10	42½	43

WASHINGTON

Seattle—			
Marine Bancorporation	No par	169	173
Pacific National Bank	10	35½	37
Peoples National Bank of Wash	20	78½	--
Seattle-First National Bank	10	77½	78½
Seattle Trust & Savings Bank	20	53½	--
Spokane—			
First National Bank in Spokane	100	130	135
Old National Bk of Washington	10	44½	46
Old National Corp	10	42⅞	45
Washington Trust Bank	100	525	550
Tacoma—			
Puget Sound National Bank	10	51	--

WEST VIRGINIA

Huntington—			
First Huntington National	12½	67¼	70
Guaranty National Bk (The)	50	90	--
Twentieth Street Bank	25	45	55
Wheeling—			
Half Dollar Trust & Sav Bank	25	n74	--
South Wheeling Bk & Trust Co	25	110	--
Security Natl Bank & Trust Co	20	76	--
Wheeling Dollar Sav & Tr Co	25	89	93

WISCONSIN

Milwaukee—			
American State Bank	10	61	--
Marshall & Ilsley Bank	10	49	53
City Bank & Trust Co	25	52	--
First Wisconsin National Bank	10	45	--
Home Savings Bank	20	35	--
Layton Park State Bank	20	45	--
Marine Corp	10	54½	57½
Mitchell St State Bank	20	50	--
West Side Bank	20	50	--

*Sale price. a See comprehensive footnotes below. d Ex-rights. t New stock. x Ex-dividend. y Ex-5% stock dividend. z Ex-50% stock dividend.

Comprehensive Footnotes for Banks and Trust Companies (Mergers, Acquisitions, Etc.)

Bank of Jamestown (N. Y.) stockholders approve merger with and into Manufacturers & Traders Trust Co. of Buffalo. If regulatory agencies approve holders will receive 1.75 shares for each one held.

Bank of Louisville (Ky.). See Royal Bank & Trust Co. in this tabulation.

Bank of Smithtown (N. Y.) subject to approval of stockholders and regulatory agencies may be acquired by Marine Midland Corp. If approved holders will receive 3½ shares for each share held.

Bensonhurst National Bank (Brooklyn N. Y.) if stockholders and regulatory agencies approve may merge with and into Chemical Bank New York Trust Co. if approved holders will receive one share for each three held.

Bridgehampton National Bank (N. Y.) subject to approval of stockholders and regulatory agencies may merge with and into Long Island Trust Co., by exchange of three shares for each share held.

Chartered Trust Co. (Toronto) result of merger with Eastern Trust Co. of Halifax; name is being changed to Eastern & Chartered Trust Co. Eastern shares are being exchanged share for share, and Chartered holders receive 11 shares for each 10 held.

Chatham Bank (Chicago) bank being liquidated under supervision of state authorities and FDIC.

Citizens National Bank (Los Angeles) shareholders approve merger with Crocker-Anglo National Bank of San Francisco, into a new institution to be called Crocker-Citizens National Bank. If approved by Comptroller of the Currency, Citizens holders will receive 1.9 shares for each one held, and Crocker stock to be exchanged share for share.

Crocker-Anglo National Bank (San Francisco). See Citizens National Bank item in this tabulation.

Farmers Bank & Trust Co. (Lancaster, Pa.) if stockholders and Comptroller of Currency approve may merge with Lancaster County National Bank to form Lancaster County Farmers National Bank. If approved Farmers stock will be exchanged share-for-share, and Lancaster holders will receive one share for each 1¼ held.

First National Bank of Mount Vernon (N. Y.) if stockholders and regulatory agencies approve may merge with and into Chemical Bank New York Trust Co. If approved holders will receive 2⅞ shares for each one held.

Hazlewood Bank (Pittsburgh, Pa.) subject to approval of stockholders and regulatory agencies may be acquired by Western Pennsylvania National Bank of McKeesport by exchange of stock.

Lancaster County National Bank (Pa.). See Farmers Bank & Trust Co. in this tabulation.

Liberty Real Estate Bank & Trust Co. stockholders have approved merger with and into Fidelity-Philadelphia Trust Co. by exchange of 0.7 shares for each share held. Merger is still subject to approval of regulatory agencies.

Royal Bank & Trust Co. (Louisville, Ky.) merger with Bank of Louisville under title of Bank of Louisville-Royal Bank & Trust Co. has been approved by stockholders and regulatory authorities. Holders will receive 1.68 shares of new bank for each share held. Each Louisville $20 par is being split into two shares of $10 par value.

Winthrop Bank & Trust Co. (New London) may merge with and into Hartford National Bank & Trust Co. of Hartford. If stockholders and regulatory agencies approve holders will receive three shares for each one held.

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Securities Called for Redemption

We are attempting to indicate in this tabulation not ONLY the issues being called for redemption, but also the details of any contemplated mergers, purchase or exchange offers, special interest payments OR dissolutions of the various companies (both listed and over-the-counter issues) quoted in this Record.

BONDS

Dayton Rubber Co. 5¼s due Jan. 1, 1972, entire issue called for redemption on Sept. 25 at 104.75. Convertible into common to Sept. 10 at $22.98 a share.

Homestake Mining Co. 5⅞s due Sept. 1, 1969, entire issue called for sinking fund on Sept. 1 at 101.

Long Mile Rubber Corp. 6s due Sept. 1, 1974, entire issue called for redemption on Sept. 4 at 104.

Southern Bell Telephone & Telegraph Co. 5s due June 1, 1986, entire issue called for redemption on Sept. 3 at 106.32.

STOCKS

Arts & Crafts Materials Corp. if stockholders approve may merge with and into National Chemical & Mfg. Co. National is contemplating a two-for-one split of the common shares. If this merger is approved Arts & Crafts holders will receive one share of the split stock for each 1½ shares held.

Astron Corp. merged with Renwell Electronics Corp. to form Renwell Industries, Inc. Each Astron common is being exchanged for 1/9th common share of combined company.

Benson Manufacturing Co., approximately 75% of the voting stock has been purchased by Electronic Communications, Inc. A purchase offer will be made on the same basis for the remaining shares.

Bruning (Charles) Co. stockholders will vote in November on a proposed merger with and into Addressograph-Multigraph Corp. If approved holders will receive 0.6 shares for each share held.

Bush Terminal Buildings Co. stockholders approve liquidation of company. Distribution of about $40 per share is expected to begin about 30 after closing, set for May 8.

Consolidated Business Systems, Inc. acquired by Diebold, Inc. Stockholders receive 3/40th of a share for each one held.

Empire Devices, Inc. acquisition by Singer Co. has been effected by exchange of shares.

Gradiaz-Annis & Co. proposed acquisition by General Cigar Co. calls for exchange 3/5th common share for each share held.

Lenahan Aluminum Window Corp. merged into Pacific Coast Co. Stockholders receive one-third share common for each share held.

Long Mile Rubber Co. stockholders approve plan for acquisition of assets by Associated Oil & Gas Co.

Market Basket Subject to Acceptance By 80% of stockholders may be acquired by Kroger Co. Each two common shares would be exchanged for one new 4.36% convertible preferred. The $1 preferred shares are being called for redemption on Sept. 19 at $17.50 per share plus 22¢ dividend.

Miller Manufacturing Co. stockholders will vote on a proposed merger with and into Hydrometals, Inc. If approved, Hydrometals will issue 6% convertible preferred shares to be exchanged share for share.

National Chemical & Mfg. Co. reincorporated by merger into Luminall Paints, Inc. Each share converted into two Luminall shares, in effect a two-for-one split.

Northwest Natural Gas Co. 5.72% pfd., entire issue called for redemption on July 31 at 107.

Pacific Power & Light Co. 6.16% series preferred entire issue called for redemption on Sept. 6 at $106.625 per share plus $1.1122 dividend.

Platt Corporation merged into Adson Industries. Stockholders will receive one share common for each 6⅖ shares of class A held.

Polaroid Corporation, entire issues of 5% 1st pfd. and $2.50 2nd pfd. called for redemption Sept. 24 at $50 per share plus 62½c dividend.

Professional & Business Men's Insurance Co. (Texas) merger with and into Kentucky Central Life Insurance Cos. already approved by stockholders, has also been approved by the Kentucky and Texas State Insurance Departments. Stockholders will receive one non-voting share for each 2½ held.

Rantec Corporation stockholders have approved merger with and into Emerson Electric Mfg. Co. Each 2.35 shares will be exchanged for one new share of Emerson convertible pfd.

Schield Bantam Co. acquisition by Koehring Company calls for issuance of new 5½% preferred series D to be exchanged on basis of 0.13 share for each share held.

Servonic Instruments, Inc. acquired by Gulton Industries, Inc. Stockholders receive 0.4 shares for each share held.

Sprague Engineering Corp. if stockholders approve may merge with and into Teledyne, Inc. If approved common holders will receive one share of new conv. pfd. for each 3.53 shares held.

Texas Butadiene & Chemical Corp. 2nd liquidating distribution of $3.80 paid on July 12. Initial of $10 was paid in Aug. 1962. Assets acquired by Sinclair Petrochemicals, Inc.

Texas Eastern Transmission 5.50% 1st pfd., entire issue called for redemption on Sept. 1 at $101 per share plus $1.375 dividend.

United Funds, Inc. stockholders approved merger of United Continental Fund into shares of United Science Fund by changing Continental shares into shares of Science Fund having same total adjusted net asset value on effective date.

Water Industries Capital Corp. dissolution approved by shareholders calls for a liquidating dividend of $8.35 paid to holders of record May 13.

Zonolite Company merged into W. R. Grace & Co. Stockholders receive 0.255 shares for each share held.

STATE AND MUNICIPAL BONDS

QUOTATIONS FOR ALL SECURITIES ARE AS OF AUGUST 30, 1963

Continued from page 88

Bonds—	Yield Basis or To Bid	Ask	Net
Washington Toll Bridge Auth Second Lake Wash Toll Bridge rev—			
4.90s Jan 1 2000 J-J	110½	--	--
Vancouver-Portland Interstate Toll Bridge—			
3⅛s 1964-68 M-N	bPar to 2.90%		--
3.20s 1971 M-N	101	--	--
Chelan County—			
Nash Dist No 1 5s 2013	116	117	--
Grant County—			
Public Utility Dist No 2			
3⅞s 1956 series Nov 1 2005	102	103½	--
4⅞s 1959 series July 1 2009	112½	113½	--
Pub Util Dist No. 2 of Grant Co Wanapum Hydroelectric Ref Rev Series of 1963—			
3⅜s 1971-1974 A-O	b2.80 to 3.05%		--
3½s 1975-1978 A-O	b3.10 to 3.25%		--
3.60s 1979-1982 A-O	b3.30 to 3.35%		--
3⅝s 1983-1984 A-O	--	--	3.40
3.70s 1985-1988 A-O	b3.45 to 3.50%		--
Seattle—			
2¼s 1964-68 J-J	b2.00 to 2.90%		--
1¾s sewer 1964-68 M-S	b2.00 to 3.00%		--
Seattle Light & Power			
2½s 1964-70 J-J	b2.90 to 3.00%		--
2s ref ser LS-5 '64-70 F-A	b2.00 to 3.25%		--
Municipal Lt & Pw Rev—			
2s 1964-67 J-J	b2.00 to 2.75%		--
2¼s 1964-74 F-A	b2.00 to 3.25%		--
2¾s 1970-87 M-S	b2.75 to 3.75%		--
1958 Series—			
6s 1964-67 M-S	b2.00 to 2.70%		--
3¼s 1968-77 M-S	b2.70 to 3.35%		--
3½s 1978-88 M-S	b3.30 to 3.60%		--
Spokane—			
1½s 1964-72 J-J	b2.25 to 3.50%		--
Spokane Co Sch Dist No 81			
1.30s Sept 1 1967-75	b3.25 to 3.75%		--
Tacoma—Revenues—			
General obligations—			
1¾s July 1 '64 opt '62 M-N	b2.25 less 1		--
Central Library Building—			
1.70s 1964-67 M-N	b2.25 to 3.00%		--
Tacoma Narrows Toll Bridge—			
3¾s revenue 1978 M-S	100½	--	--
WEST VIRGINIA			
Road Bonds—			
3s 1964-67 J-J	b1.90 to 2.35%		--
1½s 1964-73 J-D	b2.00 to 3.70%		--
1¼s 1964-68 J-J	b2.00 to 3.45%		--
1s 1964-70 J-J	b2.10 to 3.70%		--
Road Bond series C—			
1¾s 1965-67 J-J	b2.20 to 2.65%		--
Turnpike Revenue (ser A)—			
3¾s Dec 1 1989	f63¼	65¼	--
4⅛s Dec 1 1989	f66	68	--
Veterans series V—			
1¾s Dec 1 1964-71	b2.00 to 3.60%		--
Charleston—			
2¼s 1964-72 J-D	b2.00 to 3.35%		--
Dunbar Bridge—			
Revenue 4s Feb 1992	f57	60	--
Kanawha (County)—			
1¼s 1964-75 J-J	b2.00 to 3.90%		--
Board of Education			
3¼s 1964-1969 J-D	b1.90 to 2.65%		--
WISCONSIN			
Madison City			
3¼s June 1 1964-1980	b1.75 to 3.00%		--
Library & School purposes			
2¼s 1964-1971 J-D	b1.75 to 2.60%		--
2¾s 1972-1976 J-D	b2.70 to 2.90%		--
3s 1977-1982 J-D	b2.95 to 3.10%		--
Metropolitan Sewerage Dist			
2s extension 1964-67 F-A	b1.60 to 2.10%		--
Milwaukee (City of)—			
1¾s 1964-71 J-J	b1.75 to 2.75%		--
1½s school 1964-71 M-N	b1.75 to 2.75%		--
Corporate Purpose			
2¼s 1964 A-O	--	--	1.75
2¾s 1965-1973 A-O	b1.90 to 2.70%		--
Pub improvement ser E			
2½s 1964-1968 M-S	b1.75 to 2.25%		--
2¾s 1969-1974 M-S	b2.40 to 2.90%		--
Milwaukee County—			
Metropolitan Sewerage Area			
2½s 1964-67 F-A	b1.80 to 2.20%		--
Expressway bonds			
3.20s 1964-1981 F-A	b1.80 to 3.10%		--
Housing Auth 3½s Sep 1 '94	99	102	--
Racine street imp & sewer—			
1½s 1964-66 F-A	b1.80 to 2.25%		--
WYOMING			
Cheyenne—			
Waterworks improvement			
6s 1964-1971 A-O	b2.00 to 2.90%		--
3.30s 1972-1976 A-O	b3.00 to 3.15%		--
3.30s 1977-78 opt '76 A-O	--	--	3.20
3.40s 1979-82 opt '76 A-O	b3.25 to 3.30%		--
3½s 1983-87 opt '76 A-O	b3.30 to 3.35%		--
3.60s 1988-91 opt '76 A-O	--	--	3.40
Sheridan (wat) 3½s 1964-65	b2.15 to 2.45%		--

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New York Stock Exchange—Bonds

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Sales in August Value $	New York Stock Exchange BONDS	Interest Period	Price Jan. 2, 1963 Opening or Bid	Price Jan. 2, 1963 Opening or Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	PRICES IN AUGUST Aug. 1 Opening or Ask	PRICES IN AUGUST Aug. 30 Closing or Bid	PRICES IN AUGUST Aug. 30 Closing or Ask	PRICES IN AUGUST Lowest Sale Prices	PRICES IN AUGUST Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	RANGE SINCE JAN. 1 Highest Sale Prices
	Union Oil of California—											
2,000	2¾s debentures 1970	J-D	89½	Sale	91 --		91 --		91½ Aug 29	91½ Aug 29	89½ Jan 2	91½ July 8
25,000	4⅞s debentures 1986	J-D	104½	106½	105	105¼	105	105½	105 Aug 6	105½ Aug 19	104½ Feb 11	106¼ Jun 11
3,321,000	4¼s conv subord debs 1991	J-D	118½	Sale	124½	Sale	132¾	Sale	123¾ Aug 1	134½ Aug 29	114½ Mar 1	134½ Aug 30
9,000	Union Pacific RR 2⅞s 1976	F-A	84½	90	85⅜	Sale	85⅝	86½	85⅜ Aug 1	85⅝ Aug 8	84⅞ Jan 8	87⅝ Jun 25
----	Ref mtge 2½s ser C 1991	M-S	69¾	Sale	70	71¼	70	71¼	-- ------	-- ------	69⅝ Jan 11	72 May 13
39,000	Union Tank Car Co 4¼s 1973	A-O	99¼	101	99⅛	99¾	98¾	99¾	99 Aug 23	99 Aug 23	99 Aug 23	100½ Mar 20
----	5s s f debentures 1986	F-A	104¾	105½	104	--	104	--	-- ------	-- ------	104 Feb 14	106½ May 7
	United Aircraft Corp—											
44,000	4½s conv subord debs 1988	F-A	--	--	--	--	108¾	Sale	108¾ Aug 30	109 Aug 30	108¾ Aug 30	109 Aug 30
26,000	United Biscuit 2¾s debs 1966	A-O	95	--	96¾	97¼	96¾	98	96¾ Aug 7	97¼ Aug 8	96¾ Aug 7	97¼ Aug 8
30,000	3⅜s debentures 1977	M-S	92½	--	89¾	93	90	93	90¼ Aug 14	90⅜ Aug 15	90¼ Aug 14	93 Jan 3
----	United Gas Corp 2¾s 1970	J-J	89½	--	91	--	91	--	-- ------	-- ------	89½ Jan 23	91 Jun 10
16,000	1st mtge & coll tr 3⅝s 1971	J-J	96	Sale	96⅛	97¾	96⅛	97	96 Aug 29	96⅛ Aug 6	96 Jan 2	97¾ July 5
40,000	1st mtge & coll tr 3½s 1972	F-A	94	--	94½	95	94⅝	--	94½ Aug 5	94¾ Aug 8	94⅛ Jan 11	97 Mar 26
----	1st mtge & coll tr 3⅜s 1975	M-N	93⅛	--	91½	--	91½	--	-- ------	-- ------	92½ July 15	92½ July 15
23,000	4⅜s s f debentures 1972	A-O	100¾	--	99½	--	99½	--	99½ Aug 6	99½ Aug 6	99½ May 9	101¼ Jun 25
----	3¾s s f debentures 1973	A-O	91⅝	--	91⅝	--	91⅝	--	-- ------	-- ------	91⅝ Apr 25	91⅝ Apr 25
16,000	1st mtge & coll tr 4½s 1977	M-S	102	Sale	100¾	103	100½	Sale	100½ Aug 30	102 Aug 21	100 July 16	103¼ Feb 18
58,000	1st mtge & coll tr 4¼s 1978	M-S	101	Sale	99½	101½	99¼	Sale	99¼ Aug 30	101⅜ Aug 19	99¼ Feb 20	101⅝ July 24
37,000	4⅝s s f debentures 1978	J-J	102	103	100¾	102	102¼	--	101¼ Aug 2	102¼ Aug 6	100¾ July 25	103¼ Jan 17
7,000	1st mtge & coll tr 5s 1980	M-N	104½	105⅞	105½	--	103	104⅞	104¾ Aug 13	105¼ Aug 15	104 May 24	106 Jan 14
6,000	5⅛s s f debentures 1980	M-N	103¾	105¼	103¾	--	103¾	104½	103¾ Aug 28	104½ Aug 21	103⅝ July 11	105½ Jan 9
19,000	1st mtge & coll tr 4⅝s 1982	J-D	103	104	103⅛	--	102½	104	103⅛ Aug 2	104 Aug 9	101½ Apr 19	105 Mar 27
	United States Freight Co—											
800,000	5s conv subord debs 1981	A-O	139	Sale	142	Sale	156	Sale	142 Aug 1	156 Aug 30	132 Feb 12	156 May 23
----	U S Rubber Co 2⅝s deb 1976	M-N	85	--	87	--	87	--	-- ------	-- ------	85 Jan 8	87 Jun 7
4,000	2⅝s debentures 1967	A-O	93⅛	--	93⅝	--	94	--	94 Aug 29	94 Aug 29	93⅛ Jan 9	94 Aug 29
	United States Steel Corp—											
242,000	4s s f debentures 1983	J-J	97¾	Sale	96⅝	Sale	96⅝	Sale	96½ Aug 14	97½ Aug 9	96 Apr 15	98⅝ Jan 15
230,000	4½s s f debentures 1986	A-O	103⅝	Sale	102¾	Sale	102⅝	Sale	102¼ Aug 14	102⅞ Aug 29	102¼ Apr 18	104⅜ Jan 11
	Vanadium Corp of America—											
----	3⅛s conv subord debs 1969	J-D	79	85	85⅛	--	85⅞	--	-- ------	-- ------	86 Feb 13	90 Feb 21
91,000	4¼s conv subord debs 1976	M-S	79½	Sale	75¾	Sale	75⅞	77½	75½ Aug 5	77½ Aug 9	75⅛ July 16	82 Jan 25
	Vendo (The) Company—											
104,000	4½s conv subord debs 1980	M-S	106	Sale	98	Sale	97¼	Sale	97 Aug 13	99 Aug 12	97 July 24	114 Jan 15
	Virginia Electric & Power—											
12,000	1st & ref M 2¾s ser E 1975	M-S	86¾	87½	85⅞	Sale	85¾	86½	85½ Aug 15	85⅞ Aug 1	84¾ Jun 28	86½ Jan 8
----	1st & ref M 3s ser F 1978	M-S	--	--	82½	--	82½	--	-- ------	-- ------	-- ------	-- ------
----	1st & ref M 2⅞s ser G 1979	J-D	--	--	80½	--	80½	--	-- ------	-- ------	-- ------	-- ------
----	1st & ref M 2¾s ser H 1980	M-S	--	--	78	--	78	--	-- ------	-- ------	78 Jun 18	78 Jun 18
2,000	1st & ref M 3⅜s ser I 1981	J-D	87	89⅛	85½	90¼	85½	90¼	85⅞ Aug 29	85⅞ Aug 29	85⅞ Aug 29	90¼ Jun 18
----	1st & ref M 3¼s ser J 1982	A-O	--	86¾	82½	--	82½	86	-- ------	-- ------	86 May 14	87¼ Mar 5
----	Va & Southw 1st gtd 5s 2003	J-J	84½	--	88	--	90	--	-- ------	-- ------	86 Apr 30	94¼ Jun 18
----	Gen mtge 4¼s 1983	M-S	91⅛	--	91⅛	--	91⅛	--	-- ------	-- ------	-- ------	-- ------
24,000	Virginia Ry 3s series B 1995	M-N	75¼	76⅝	77¼	--	77⅛	--	76¾ Aug 20	77½ Aug 27	76¾ Aug 20	78⅛ Apr 10
----	1st lien & ref M 3¼s ser C '73	A-O	90	92	90½	--	90½	--	-- ------	-- ------	90⅛ Jan 18	90½ Jan 23
4,000	1st lien & ref 4s ser F 1983	M-N	91⅝	--	92½	--	92½	--	92½ Aug 20	92½ Aug 20	91⅞ Feb 19	94½ May 24
53,000	6s subord income debs 2008	F-A	116⅝	--	116	119	118	--	116 Aug 5	118 Aug 16	116 Aug 5	121 Apr 26
	Vornado Inc—											
211,000	5s conv subord debs 1982	M-S	91¾	Sale	95	Sale	96	Sale	94 Aug 8	96¼ Aug 29	90½ Mar 27	104¾ May 24
	Wabash RR Co—											
----	Gen mtge 4s ser A Jan 1981	April	74	Sale	80	81⅞	80	81	-- ------	-- ------	74 Jan 2	81¾ May 22
22,000	Gen inc 4¼s ser B Jan 1991	April	73¼	Sale	79⅛	Sale	79¾	Sale	79⅛ Aug 1	80½ Aug 21	73¼ Jan 2	82 Feb 27
6,000	1st mtge 3¼s ser B 1971	F-A	87⅛	88½	90½	92	90⅝	91½	90½ Aug 16	90⅝ Aug 21	87⅝ Jan 4	91¾ July 23
3,000	Warren RR 1st ref gtd 3½s 2000	F-A	33¼	Sale	36⅛	40¾	36¼	38	37 Aug 28	38 Aug 29	33¼ Jan 2	40½ Feb 18
----	Wash Term 2⅝s ser A 1970	F-A	85¼	--	86	--	86	--	-- ------	-- ------	-- ------	-- ------
44,000	Westchester Lightg 3½s 1967	J-J	98	99	98	98¾	97½	98⅝	97½ Aug 21	98 Aug 7	97½ Apr 18	99 Jan 7
----	Gen mtge 3s gtd 1979	M-N	79½	85	80⅜	85	80⅜	84⅞	-- ------	-- ------	80⅛ Jun 18	80⅛ Jun 18
----	West Penn Electric 3½s 1974	M-N	91	--	91¼	--	91¼	--	-- ------	-- ------	91 May 6	93¾ May 20
	West Penn Power—											
40,000	1st mtge 3½s ser I 1966	J-J	99¼	100	98⅝	99¼	99	99¼	98¼ Aug 14	99¼ Aug 15	98 Apr 15	100 Jan 7
115,000	West Shore 1st 4s gtd 2361	J-J	57¼	Sale	60¾	Sale	61½	Sale	59⅝ Aug 5	62 Aug 23	57¼ Jan 2	63½ Jun 3
93,000	Registered 2361	J-J	57¼	Sale	59½	Sale	61⅜	63	58½ Aug 5	61¾ Aug 28	57¼ Jan 2	63 Jun 3
	Western Maryland Ry Co—											
18,000	Gen mtge 4s ser A 1969	J-J	95⅜	--	98	Sale	97½	--	98 Aug 1	99⅛ Aug 26	95⅜ Jan 2	99⅛ Aug 26
----	1st mtge 3½s ser C 1979	A-O	80½	--	81	--	81	--	-- ------	-- ------	79½ Apr 30	81 May 24
----	5½s debentures 1982	A-O	98	--	100	--	100	--	-- ------	-- ------	98 Jan 21	101 Apr 18
----	Western Pacific RR 3⅛s 1981	J-J	70	--	78½	--	78½	--	-- ------	-- ------	80 May 22	81 May 28
3,000	5s income debentures 1984	May	98	Sale	100⅝	--	100⅝	--	100¾ Aug 7	100¾ Aug 7	97¾ Jan 4	100¾ Aug 7
88,000	Western Union Tel 5¼s 1987	F-A	105	106	103½	Sale	103¾	104	103 Aug 8	104 Aug 27	102¼ Jun 26	107½ Feb 21
14,000	Westinghouse Elec 2⅝s 1971	M-S	86	--	88⅛	--	88¾	Sale	88¾ Aug 30	89 Aug 14	88 July 12	91 Apr 23
	Wheeling & Lake Erie RR—											
----	Gen & ref M 2¾s ser A 1992	M-S	75¼	--	77	87	77	87	-- ------	-- ------	-- ------	-- ------
3,000	Wheeling Stl 3¼s ser C 1970	M-S	98⅞	--	99	100¼	99¼	100¼	99 Aug 2	99¼ Aug 12	99 Jan 7	100¼ Apr 23
1,000	1st mtge 3¼s ser D 1967	J-J	98½	--	99¾	--	99¾	--	99¾ Aug 2	99¾ Aug 2	98½ Jan 11	100 July 5
92,000	3¾'s conv debentures 1975	M-N	86⅝	90	90½	91⅜	91⅞	Sale	90¾ Aug 7	91⅞ Aug 26	88¼ Jan 3	93 Apr 16
2,000	Whirlpool Corp 3½s 1980	F-A	86¾	--	90½	92	90	91	90½ Aug 8	90½ Aug 8	86¾ Jan 16	90½ Jun 19
6,000	Wilson & Co 4⅛s sf debs 1978	J-J	97½	--	97	--	97	--	97 Aug 16	97 Aug 16	97 Aug 16	99 Mar 12
	Wisconsin Central RR Co—											
42,000	1st mtge 4s ser A 2004	J-J	65½	Sale	69	71	70	72	68½ Aug 8	72 Aug 26	65⅛ Jan 3	72⅜ July 25
227,000	△4½s inc ser A Jan 1 2029	May	57	Sale	59½	Sale	61	61½	59½ Aug 1	61¼ Aug 27	57 Jan 2	72 Apr 26
6,000	Wisconsin Elec Pwr 2⅝s 1976	J-D	83¾	Sale	83⅝	--	83⅝	--	83⅝ Aug 14	83⅝ Aug 14	83⅝ July 26	84¼ Mar 4
----	1st mtge 2⅞s 1979	M-S	--	--	81	--	81½	--	-- ------	-- ------	-- ------	-- ------
7,000	Wisconsin Pub Serv 3¼s 1971	J-J	83¾	85	93⅞	95	93½	--	93½ Aug 27	93⅞ Aug 7	92½ Mar 4	95 Jun 14
2,000	Yonkers Elec Lt & Pr 2⅝s '76	J-J	80	--	--	80	--	--	80 Aug 12	80 Aug 12	80 Aug 12	80 Aug 12
	Youngstown Sheet & Tube Co											
----	1st mtge 4½s ser H 1990	A-O	102	104	--	103⅜	103⅜	--	-- ------	-- ------	101⅞ Jun 27	102⅜ May 16

* Negotiability impaired by maturity.

None.

△ Bond selling flat.

‡ Companies reported as being in bankruptcy receivership or being reorganized under Section 77 of the Bankruptcy Act or securities assumed by such companies

¶ The following bonds have been called for redemption, either partially or entirely:

Atlanta & Charlotte Air Line Ry. 3¾s due Nov. 1, 1963, entire issue called for redemption on Aug. 5 at par.

a Deferred delivery sale.

r Cash sale.

t Odd-lot sale.

x Sold ex-interest.

e The following transactions were made during the current month and are not included in the year's range because of the reason shown below:

None.

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American Stock Exchange

Continued from page 39

Aggregate Sales in August $	Since Jan. 1 $	American Stock Exchange BONDS	Price Jan. 2, 1963 Opening or Bid	Ask	PRICES IN AUGUST Aug. 1 Opening or Bid	Ask	Aug. 30 Closing or Bid	Ask	Lowest Sale Prices	Highest Sale Prices	RANGE SINCE JAN. 1 Lowest Sale Prices	Highest Sale Prices
170,000	966,000	Natl Bellas Hess 6s 1984	107	Sale	101½	Sale	103	Sale	99¼ Aug 12	104 Aug 30	99¼ Aug 12	108¾ May 24
8,000	594,000	National General 5½s 1974	82½	Sale	88	Sale	88½	89¼	88 Aug 1	89 Aug 13	82⅛ Jan 10	89 Aug 13
276,000	2,631,000	National Research 5s 1976	108	Sale	116	Sale	119⅞	Sale	114½ Aug 6	122 Aug 28	105 Jan 30	126 Jun 18
53,000	441,000	Nuclear Corp of America— 5½s conv debs 1976	70	Sale	61½	Sale	63¾	Sale	61⅜ Aug 6	64¾ Aug 2	59 Apr 8	77 Jan 17
93,000	710,000	Ohio Power 3¼s 1968	97⅛	Sale	95¼	95⅞	95¾	96¾	95¼ Aug 7	97⅝ Aug 27	94¼ July 29	98 Feb 7
11,000	93,000	1st mortgage 3s 1971	90	--	90¾	Sale	90	92¼	90½ Aug 14	90¾ Aug 1	90 Feb 20	93 Jan 15
----	92,000	Penn Water & Pw 3¼s 1964	97¾	--	98¾	100	98¼	99¼	-- ------	-- ------	97¾ Mar 19	100 Feb 7
7,000	25,000	3¼s 1970	94½	96½	93⅞	--	93⅞	Sale	93⅞ Aug 2	93⅞ Aug 2	93⅞ Aug 2	95 May 15
11,000	113,000	Pub Serv El & Gas 6s 1998	125	129	122	126	124	Sale	122¼ Aug 12	124 Aug 30	122¼ Aug 12	127½ Apr 16
20,000	786,000	Rapid-American 7s 1967	98	Sale	85¼	85⅞	85	88	86 Aug 2	90 Aug 2	74 May 17	100 Jan 14
142,000	3,000,000	5¾s conv sub debs 1977	90	Sale	63	65	62	Sale	59 Aug 20	65 Aug 2	57 May 16	93½ Feb 6
11,000	84,000	Realty Equities Corp— 7½% sub deb ww 1972	88	88½	87	89½	87½	91	87 Aug 21	91 Aug 12	85 Mar 27	91½ Jan 15
4,000	119,000	Reeves Broadcasting & Development 6s 1976	75	80	85	89	85	89½	89 Aug 16	90 Aug 22	72 Jan 4	92 May 29
----	6,000	Safe Harbor Wt Pr 3s 1981	85	--	85	--	85	--	-- ------	-- ------	85 Feb 26	85 Feb 26
152,000	2,413,000	Southern Cal Edison 3s 1965	99	Sale	98¼	Sale	98	Sale	98 Aug 20	98⅝ Aug 2	97⅞ Jun 7	99¾ Apr 29
----	59,000	3⅛s series A 1973	89	--	89	90	85½	--	-- ------	-- ------	85 Mar 25	92 Jan 14
1,000	46,000	3s series B 1973	88½	Sale	85	90	88	90	90 Aug 26	90 Aug 26	88¼ Apr 25	90¼ Jan 4
1,000	35,000	2⅞s series C 1976	86½	--	80	84	82	--	82 Aug 20	82 Aug 20	82 Aug 20	87 Apr 4
26,000	66,000	3⅛s series D 1976	85	--	87¼	89	88	88¾	87 Aug 14	88¾ Aug 26	86½ Jun 3	89 Feb 20
6,000	83,000	3⅝s series E 1978	93⅛	94¼	91½	92¼	91½	--	91½ Aug 21	92¼ Aug 5	91½ Jun 24	94½ Feb 1
1,000	65,000	3s series F 1979	79	--	83⅝	86¼	85	85⅞	83⅝ Aug 13	83⅝ Aug 13	83⅝ July 24	87⅜ Feb 11
19,000	295,000	3⅝s series G 1981	92⅞	93½	91½	92⅛	91½	92¼	91⅜ Aug 6	91½ Aug 5	91 Apr 15	93½ Jan 11
155,000	498,000	4¼s series H 1982	100¼	101¼	99⅞	Sale	100⅛	Sale	99½ Aug 2	100½ Aug 12	99 Jun 10	101⅜ Jan 10
9,000	77,000	4¾s series I 1982	104½	Sale	104	Sale	103⅞	--	103⅞ Aug 1	104 Aug 1	101½ May 17	104¾ Jan 4
28,000	128,000	4⅞s series J 1982	104	Sale	104	--	103⅛	Sale	103⅛ Aug 30	105½ Aug 27	102¾ Apr 18	105½ Aug 27
49,000	219,000	4⅝s series K 1983	103¼	--	102¾	104	102¾	Sale	102¾ Aug 20	104¼ Aug 19	101½ May 17	104⅝ Jun 17
1,000	61,000	5s series L 1985	104½	106	104¾	107	104¾	105¾	104¾ Aug 8	104¾ Aug 8	104¾ Jan 17	106 Jan 3
18,000	239,000	4⅜s series M 1985	101⅝	--	102	Sale	100¾	--	100¾ Aug 12	102 Aug 1	99½ July 11	103½ Jan 9
23,000	139,000	4½s series N 1986	102¾	Sale	101¼	102	101¼	--	101¼ Aug 19	102 Aug 23	101⅛ Jun 4	104¼ Jan 28
41,000	409,000	4¼s series O 1987	101⅛	--	98½	99½	99	100¼	99 Aug 8	100¼ Aug 21	98½ July 18	101¾ May 14
12,000	339,000	4¼s series P 1987	--	--	99½	99¾	99	100¾	99¾ Aug 9	100¾ Aug 15	99¾ Aug 9	102 Mar 26
30,000	201,000	South Calif Gas 3¼s 1970	94¾	Sale	94	--	93¾	94½	93¾ Aug 23	94 Aug 2	93¾ Apr 15	95½ Jan 22
19,000	82,000	Southern Counties Gas of California 3s 1971	91	91½	91	92¼	91	Sale	91 Aug 2	91 Aug 2	91 July 25	94 July 5
1,000	24,000	Southwestern Gas & Electric 3¼s A 1970	93⅛	--	93⅛	--	93⅛	--	93⅛ Aug 28	93⅛ Aug 28	93⅛ Jan 24	94¾ Jan 8
5,000	113,000	Szabo Food Service 6s 1973	90	92	92¾	Sale	91½	93½	92¾ Aug 1	92¾ Aug 1	87½ Feb 7	92¾ Aug 1
26,000	480,000	Teleregister Corp 6s 1980	67	73½	77½	79	75	78	74 Aug 15	77¾ Aug 6	66½ Jan 3	82 May 9
49,000	1,113,000	Transportation Corp of America 6½s 1973	100	Sale	100¼	103	103	103¾	100½ Aug 7	103 Aug 23	90⅛ Mar 7	103½ May 28
14,000	182,000	United Improvement & Investment Corp 6s 1976	87	96	85	90	83	85	83 Aug 26	85 Aug 20	82½ May 21	100 Jan 10
71,000	325,000	U S Natural Gas 6s 1977	146	155	180	195	215	Sale	186 Aug 23	220 Aug 29	140½ Jan 31	220 Aug 29
20,000	157,000	Wash Water Pr 3½s 1964	99½	100¼	99⅜	99⅝	99¼	100¼	99¼ Aug 7	99½ Aug 22	98¾ Jan 18	99⅝ July 3
43,000	1,105,000	Webb & Knapp Inc 5s 1974	70⅛	Sale	54½	56½	55	Sale	53⅛ Aug 8	56 Aug 16	51 Jun 10	70½ Jan 11
		FOREIGN GOVERNMENT AND MUNICIPALITIES										
----	----	△Baden (Germany) 7s 1981	120	--	110	--	110	--	-- ------	-- ------	— ------	-- ------
----	3,000	△Danzig Port & Waterways Board 6½s 1952	7	13½	7¼	16	7¼	16	-- ------	-- ------	7¾ May 31	7¾ May 31
1,000	5,000	German Sav Bank & Clear Assn debt adjust debs 5¼s series A 1967	97½	--	97½	--	97½	--	97¼ Aug 6	97¼ Aug 6	97¼ Aug 6	97½ Feb 8
----	4,000	4½s series B 1967	94¾	--	95¼	--	94¾	--	-- ------	-- ------	95 Feb 25	95¼ Apr 9
----	----	△Hanover (Prov) 6½s 1949	110	--	100	--	100	--	-- ------	-- ------	— ------	— ------
----	25,000	Maranhao (State of) Brazil Stpd pursuant to Plan A Int red to 2⅛% 2008	63½	--	65	70	65	70	-- ------	-- ------	66 Jan 30	70 May 9
4,000	33,000	Mtge Bk of Denmark 5s 1972	99	99⅞	99⅞	--	99⅜	--	100 Aug 21	100¼ Aug 8	99 Jan 21	100¼ Aug 8
1,000	11,000	Parana (Brazil)— Stpd pursuant to Plan A Int red to 2⅛% 2008	50	61	52	55	57	60	55 Aug 19	55 Aug 19	50 Jun 19	60 Mar 13
204,000	2,115,000	Peru (Republic of)— 3s sinking fund 1997	43⅞	Sale	51	51½	50¾	51½	50¾ Aug 2	51⅞ Aug 12	42⅛ Jan 18	51⅞ July 31
----	46,000	Rio de Janeiro— Stpd pursuant to Plan A Int red to 2% 2012	44	54	49	54	49⅛	54	-- ------	-- ------	46 Mar 18	53 Jun 27

* No par value.
† Reported in receivership.
a Deferred delivery sale.
d Ex-interest.
f Ex-liquidating distribution.
g Ex-stock dividend.
r Sold for cash.
x Ex-dividend.
y Ex-rights.
z Corrected volume.

△Bonds being traded flat.
Abbreviations used above:
"cod"—Certificates of deposit.
"cons"—Consolidated.
"conv"—Convertible.
"cum"—Cumulative.
"m"—Mortgage.
"n-v"—Non-voting.
"vtc"—Voting trust certificates.
"x w"—Without warrants.

Deferred delivery sales, of which no account is taken in computing range, are given below:
No sales.

Under the rule sales, of which no account is taken in computing range, are given below:
No sales.

Cash sales, of which no account is taken in computing range, are given below:
No sales.

‡The volume of trading and the range of sale prices published here, is simply the trading and range for the new shares since this issue was either split, or since new stock was issued in connection with a stock dividend. The range and volume for the old shares can be found in the back issues of the BANK AND QUOTATION RECORD, in the month when the issue was removed from trading.

Details of all 1963 stock dividends and split-ups, are indicated below in alphabetical arrangement.

Name of Issue	Basis of Split or Stock Dividend	Date When Admitted to Trading	Name of Issue	Basis of Split or Stock Dividend	Date When Admitted to Trading
Alsco, Inc.	One-for-ten	Jun 28	Oxford Manufacturing Co.	100% in stock	Mar 21 wi
Burroughs (J P) & Son	One-for-three	Apr 1	Power Corp. of Canada	Ten-for-one	Jan 17 wi
Imperial Tobacco of Gt. Brit. & Ire.	One-for-two	Aug 2	Reliance Insurance Co.	Two-for-one	Apr 18 wi
Masco Corporation	100% in stock	May 9 wi	Roosevelt Raceway, Inc.	One-for-four	Apr 18
McCulloch Oil Corp. of Calif.	One-for-five	Jun 3	Tampa Electric Co.	100% in stock	Apr 17 wi
National Rubber Machinery Co.	Two-for-one	Apr 29			

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