

(CAPITAL MARKETS DEVELOPMENTS
IN THE UNITED STATES

Corporate and municipal bond markets. The volume of new corporate securities expected this week will be slightly below the average weekly volume over the past year while the volume of new municipals will be well above average. Among the several corporate offerings, there will be two for \$50 million -- one by Sylvania Electric Products, the other by Montgomery Ward Credit. The latter was postponed several times in late May and early June. The municipal offerings will feature the Housing Assistance Administration's \$105.4 million bond issue. The week's volume will be supplemented by a \$50 million offering by the Quebec Hydro-Electric Commission.

Long-term Public Security Offerings^{1/}
(In millions of dollars)

| | Corporate | | State & Local Government | |
|--------------|--------------|-----------|--------------------------|-----------|
| | New Capital | Refunding | New Capital | Refunding |
| Sold: | | | | |
| 52 week avg. | 296 | -- | 244 | 6 |
| Sept. 8 | <u>£/167</u> | -- | <u>£/333</u> | -- |
| Sept. 15 | <u>£/209</u> | -- | 374 | -- |
| Scheduled: | | | | |
| Sept. 22 | 277 | -- | 322 | -- |

^{1/} Federal Reserve estimates are based upon published reports of issues sold and scheduled for offering; corporate rights offerings are included as of date subscription rights expire.

Yields on new corporate bonds advanced last week, though not as sharply as indicated by the new issue series, while seasoned corporate bond yields were essentially unchanged. The reception of new issues was mixed, and no progress was made in reducing inventories of the previous week's aggressively-priced issues.

Yields on municipal bonds were unchanged to slightly higher, and the heavy volume of new issues was not enthusiastically received. The Blue List of advertised inventories rose.

Home mortgage interest rates. Yields on certain FHA-insured mortgages traded in the secondary market rose 7 basis points further in August, to 6.60 per cent. Continuance of the rise reflected in part the already narrow margin between mortgages and bond yields reached earlier

Yields in Security MarketsLevel Latest WeekHigh-Grade
Notes and BondsChange from
preceding weekCorporate

| | | |
|----------|------|-----|
| New | 5.98 | +15 |
| Seasoned | 5.65 | - 1 |

U.S. Government

| | | |
|-----------|------|-----|
| Long-term | 4.96 | + 3 |
| 3-5 year | 5.39 | + 7 |

State and local Govt.

| | | |
|--------------------------|------|-----|
| Moody's Aaa | 3.80 | -- |
| Std. & Poor's high grade | 4.12 | + 2 |

Money Market

| | | |
|----------------|------|-----|
| Federal funds | 3.98 | - 5 |
| Treasury bills | | |
| 3-month | 4.37 | + 6 |
| 6-month | 4.93 | +11 |

Corporate Bonds Still in Syndicate

| <u>Date Offered</u> | <u>Amount (millions of \$)</u> | <u>Issuer</u> | <u>Reoffering Yield</u> | <u>Rating</u> | <u>Estimated pr portion sold</u> |
|---------------------|------------------------------------|--|-----------------------------|---------------|--------------------------------------|
| 9/13 | 25.0 | Delmarva Power & Light 6-3/8's - 1992 | 6.30 | Aa | 30% |
| 9/12 | 10.0 | Wisconsin Natural Gas 6-3/8's - 1992 | 6.25 | A | 45% |
| 9/7 | 18.0 | Louisiana Pwr. & Lt. 6-1/2's - 1997 | 6.35 | A | 40% |
| 9/6 | 75.0 | New York Telephone 6's - 2007 | 5.95 | Aaa | 40% |

Blue List of Municipal Dealers' Advertised Inventories

| <u>Latest Week</u> | <u>End of Previous Week</u> | <u>Recent High</u> |
|--------------------|-----------------------------|--------------------|
| 434(9/13/67) | 370 | 849(4/26/67) |

as general pressures in the capital markets increased again. In August, bond yields rose even faster than mortgage yields, and as a result the yield spread favoring FHA-insured mortgages over new corporate bonds narrowed from 75 basis points in July to a new record low of only 71 basis points in August.

Interest rates on conventional mortgages on new homes also moved higher in August. Although these rates are rounded to the nearest 5 basis points, indications are that the spread between them and yields on FHA-insured mortgages, which now typically favors the insured mortgages, apparently widened further. This unusual situation reflects in part, the continuing large savings inflows into savings and loan associations, which tend to emphasize investment in conventional loans. It also apparently reflects the unattractiveness to both lenders and borrowers of FHA mortgages carrying large discounts. These discounts, which have exceeded 4 points since June, averaged 5.2 points in August, the most since early this year.

Stock prices. Common stock prices advanced to a new all-time high last week in active trading. Standard & Poor's index of 500 stocks closed Friday at 96.27, up 1.91 from the previous Friday and 2.3 per cent above its February 1966 high of 94.06. Trading volume averaged 10.8 million shares a day.

More detailed information concerning recent capital market developments is presented in the attached exhibits.

Capital Markets Section,
Division of Research and Statistics,
Board of Governors of the Federal Reserve System.

LONG-TERM BOND YIELDS, HIGH-GRADE

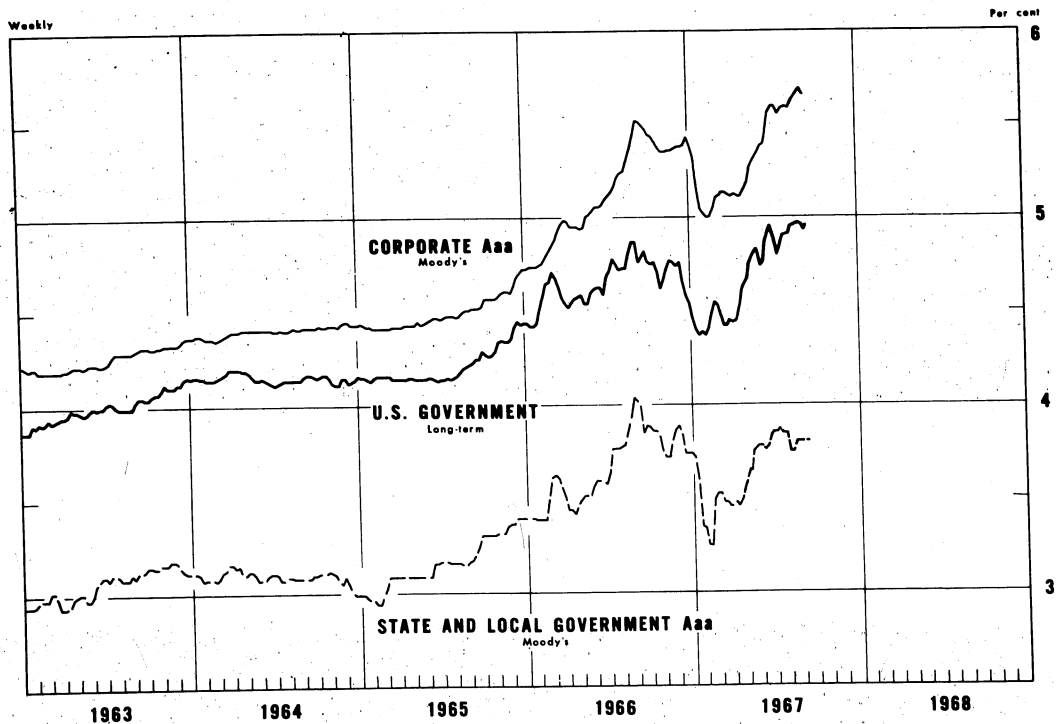


Exhibit A -- Part II

| Date | Corporate Aaa <u>1/</u> | U.S. Govt. long-term <u>2/</u> | State and local government Aaa <u>3/</u> | Spread between U.S. Govt. and | |
|----------------|----------------------------|-----------------------------------|---|----------------------------------|------------------------|
| | | | | Corporate Aaa | State and local Aaa |
| (per cent) | | | | | |
| 1959-60 - High | 4.61(1/29/60) | 4.42(1/8/60) | 3.65(9/24/59) | .59(8/5/60) | .92(4/22/60) |
| 1966 - High | 5.52(9/9) | 4.87(9/2) | 4.04(8/25) | .84(12/30) | 1.19(2/11) |
| - Low | 4.73(1/7) | 4.42(1/7) | 3.39(1/13) | .14(2/18) | .77(9/2) |
| 1967 - High | 5.68(9/1) | 4.97(8/25) | 3.87(7/13) | .92 | 1.20 |
| - Low | 5.00(2/10) | 4.37(2/3) | 3.25(2/9) | .44 | .74 |
| Aug. 18 | 5.62 | 4.96 | 3.80 | .66 | 1.16 |
| 25 | 5.65 | 4.97 | 3.80 | .68 | 1.17 |
| Sept. 1 | 5.68 | 4.96 | 3.80 | .72 | 1.16 |
| 8 | 5.66 | 4.93 | 3.80 | .73 | 1.13 |
| 15 | 5.65 | p/4.96 | 3.80 | p/.69 | p/1.16 |

p/ Preliminary.

1/ Weekly average of daily figures. Average term of bonds included is 22-24 years.

2/ Weekly average of daily figures. The series includes bonds due or callable in 10 years or more.

3/ Thursday figures. Only general obligation bonds are included; average term is 20 years.

Note--Highs and lows are for individual series and may be on different dates for different series. For spreads, high refers to widest, and low to narrowest.

LONG-TERM BOND YIELDS, LOWER GRADE

Weekly

Per cent

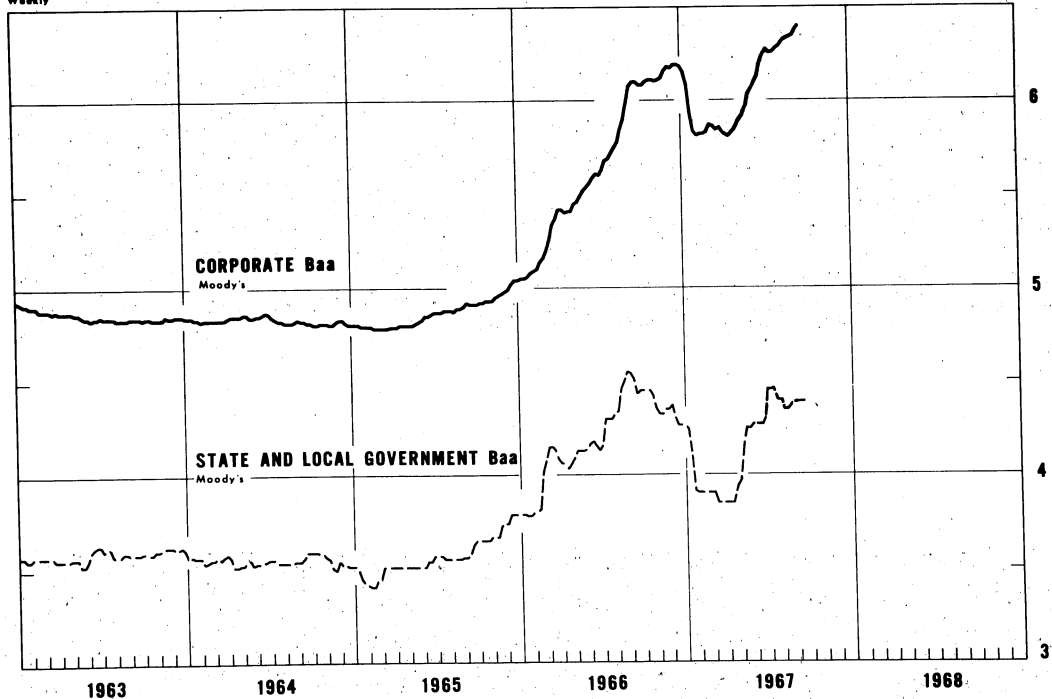


Exhibit B -- Part II

| Date | Corporate Baa 1/ | State and local govt. Baa 3/ | Spread between Aaa and Baa | |
|----------------|---------------------|------------------------------------|-------------------------------|--------------------------|
| | | | Corporate | State and local govt. |
| (per cent) | | | | |
| 1959-60 - High | 5.36(2/12/60) | 4.46(1/7/60) | .84 | 1.08 |
| Year end- 1965 | 5.04 | 3.79 | .31 | .39 |
| 1966 - High | 6.18(12/30) | 4.55(8/25) | .81 | .62 |
| Low | 5.05(1/14) | 3.78(1/20) | .31 | .31 |
| 1967 - High | 6.40(9/15) | 4.46(7/14) | .82 | .65 |
| Low | 5.81(4/14) | 3.85(4/13) | .65 | .37 |
| Aug. 18 | 6.33 | 4.38 | .71 | .58 |
| 25 | 6.34 | 4.39 | .69 | .59 |
| Sept. 1 | 6.35 | 4.39 | .67 | .59 |
| 8 | 6.38 | 4.39 | .72 | .59 |
| 15 | 6.40 | 4.39 | .75 | .59 |

Note: For footnotes see Exhibit A.

SHORT- AND INTERMEDIATE-TERM INTEREST RATES

GOVERNMENT
Weekly

Per cent

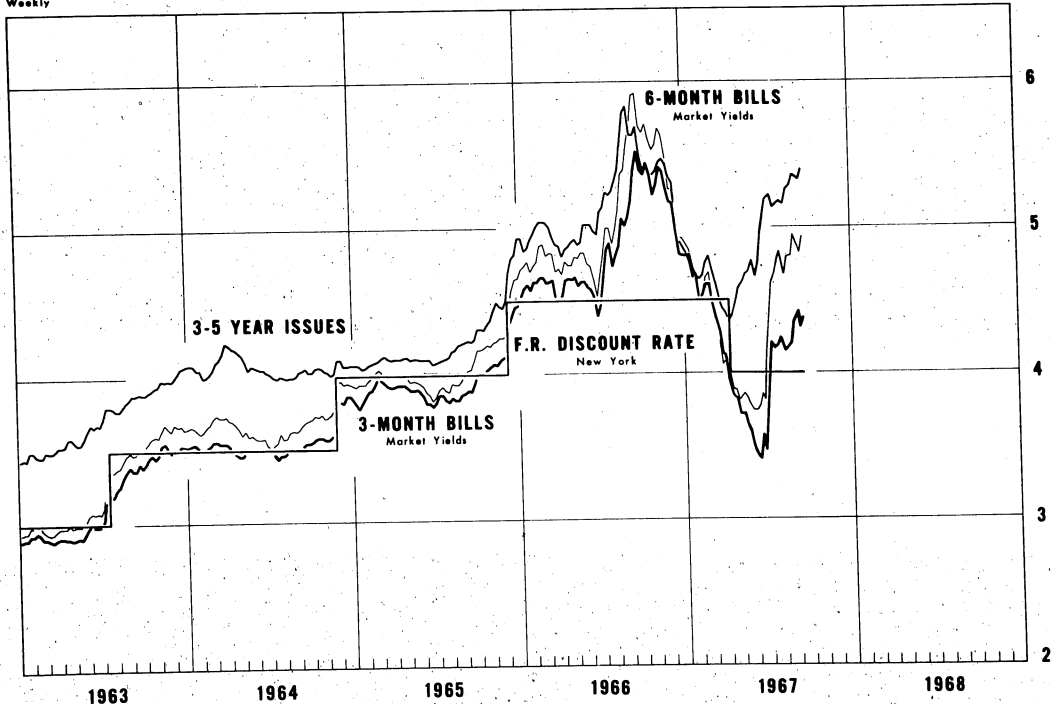


Exhibit C -- Part II

| Date | Discount rate 1/ | Yields | | | Spread between yields on | |
|-----------------|---------------------|------------------|------------------|--------------------|---------------------------------------|----------------|
| | | 3-month bills 2/ | 6-month bills 2/ | 3-5 year issues 2/ | 3-mo. bills and yields on 6-mo. bills | 3-5 yr. issues |
| | | (per cent) | | | | |
| 1959-60 - High | 4.00 | 4.59(1/8/60) | 5.07(1/8/60) | 5.00(12/24/59) | .79 | 1.81 |
| Year end - 1965 | 4.50 | 4.47 | 4.66 | 4.90 | .19 | .43 |
| 1966 | 4.50 | 4.80 | 4.92 | 4.86 | .12 | .06 |
| 1966 - High | 4.50 | 5.52(9/23) | 5.92(9/23) | 5.83(9/2) | .52 | .78 |
| Low | 4.50 | 4.39(6/24) | 4.53(6/24) | 4.80(4/8) | .09 | .01 |
| 1967 - High | 4.50 | 4.81(1/13) | 4.94(8/25) | 5.39(9/15) | .62 | 1.61 |
| Low | 4.00 | 3.41(6/9) | 3.74(6/2) | 4.36(4/7) | .01 | .02 |
| Aug. 18 | 4.00 | 4.20 | 4.80 | 5.28 | .60 | 1.08 |
| 25 | 4.00 | 4.35 | 4.94 | 5.35 | .59 | 1.00 |
| Sept. 1 | 4.00 | 4.41 | 4.86 | 5.33 | .45 | .92 |
| 8 | 4.00 | 4.31 | 4.82 | 5.32 | .51 | 1.01 |
| 15 | 4.00 | p/4.37 | p/4.93 | p/5.39 | p/.56 | p/1.02 |

1/ Weekly rate shown is that in effect at end of period at the Federal Reserve Bank of New York.

2/ Market yield; weekly averages computed from daily closing bid prices. Series of 3-5 year issues consists of selected notes and bonds.

Note--Highs and lows are for individual series and may be on different dates for different series. For spreads, high refers to widest, and low to narrowest.

SHORT- AND INTERMEDIATE-TERM INTEREST RATES, BANKS AND OTHER PRIVATE BORROWERS

Weekly

Per cent

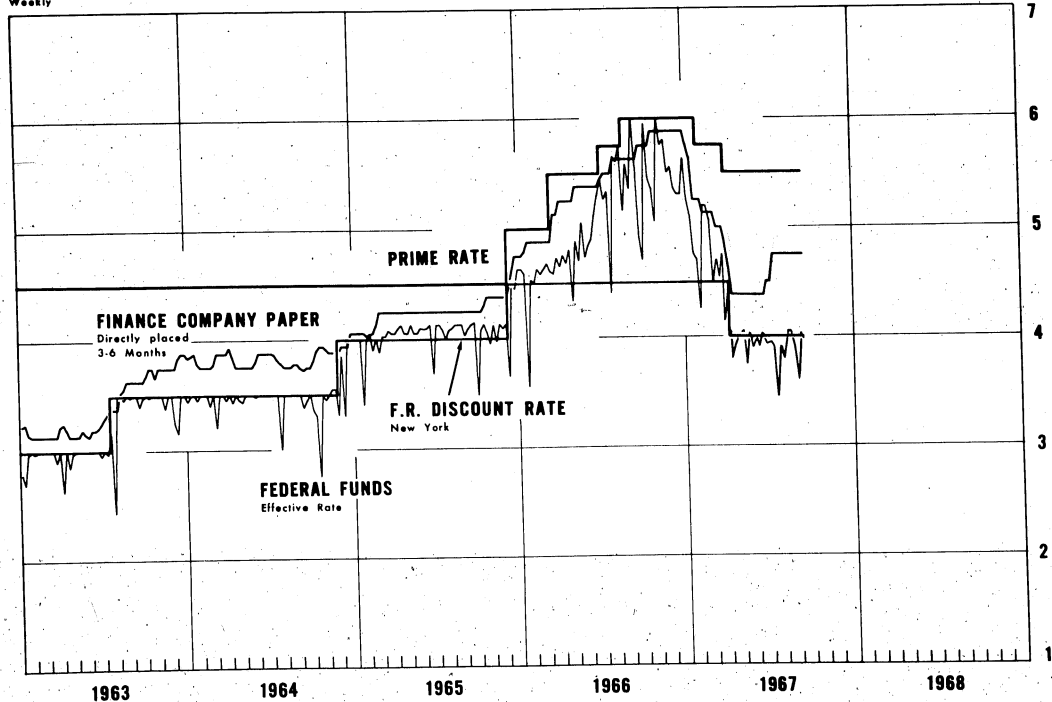


Exhibit D -- Part II

| Date | Prime rate <u>1/</u> | Finance company paper <u>2/</u> | Federal funds <u>3/</u> | Spread between 3-mo. bills and finance co. paper |
|----------------|----------------------|---------------------------------|-------------------------|--|
| (per cent) | | | | |
| 1959-60 - High | 5.00 | 5.13(1/22/60) | 4.00(5/13/60) | 1.02 |
| Year end- 1964 | 4.50 | 4.06 | 4.00 | .23 |
| 1965 | 5.00 | 4.75 | 4.63 | .28 |
| 1966 | 6.00 | 5.88 | 5.63 | 1.08 |
| 1966 - Low | 5.00(3/4) | 4.75(1/7) | 3.55(1/21) | .20 |
| 1967 - High | 6.00(1/6) | 5.75(1/6) | 5.25(1/6) | .97 |
| Low | 5.50(9/15) | 4.38(6/23) | 3.45(7/21) | .30 |
| Aug. 18 | 5.50 | 4.75 | 4.05 | .55 |
| 25 | 5.50 | 4.75 | 3.90 | .40 |
| Sept. 1 | 5.50 | 4.75 | 3.60 | .34 |
| 8 | 5.50 | 4.75 | <u>r/4.03</u> | .44 |
| 15 | 5.50 | 4.75 | <u>p/3.98</u> | <u>p/.38</u> |

1/ Weekly rate shown is that in effect at end of period. Prime rate is that charged by large banks on short-term loans to business borrowers of the highest credit standing.

2/ Average of daily rates published by finance companies for directly placed paper for varying maturities in the 90-179 day range.

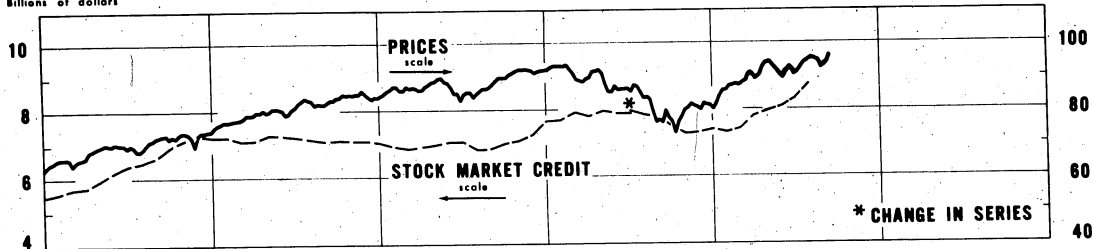
3/ Weekly average of daily effective rate, which is the rate for the heaviest volume of purchase and sale transactions as reported to the Federal Reserve Bank of New York.

Note.-Highs and lows are for individual series and may be on different dates for different series. For spreads, high refers to widest, and low to narrowest.

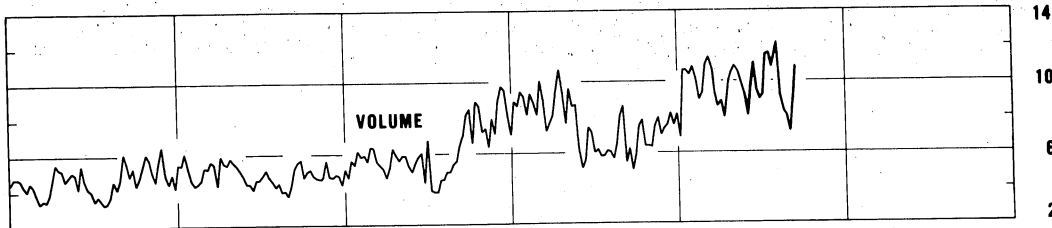
STOCK MARKET

Billions of dollars

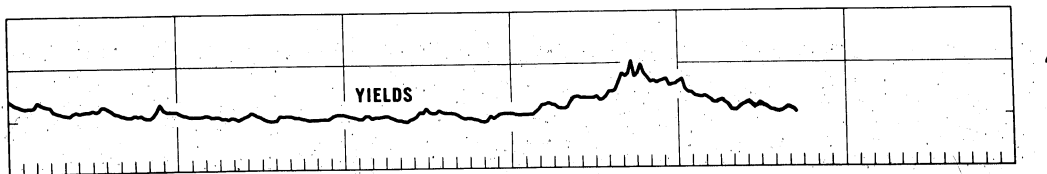
1941-43 average=10



Millions of shares



Per cent



1963

1964

1965

1966

1967

1968

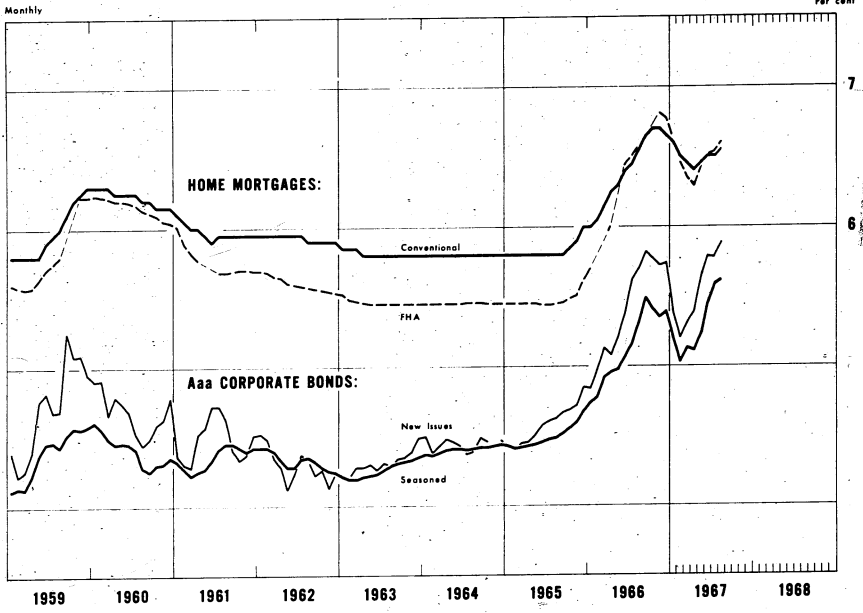
Exhibit E -- Part II

| Date | Stock price index <u>1/</u> | Common stock yields <u>2/</u> (per cent) | Trading volume <u>3/</u> (millions of shares) | Stock market customer credit | | |
|--------------------------|-----------------------------|--|---|------------------------------|--------------------------------------|----------------------------------|
| | | | | Total | Customers' debit bal-ances <u>4/</u> | Bank loans to "others" <u>5/</u> |
| (In millions of dollars) | | | | | | |
| 1961-62 - High | 72.04 (12/8/61) | 2.82 | 10.1 | 5,602 (12/61) | 4,259 (12/61) | 1,418 (5/9/62) |
| Low | 52.68 (6/22/62) | 3.96 | 2.4 | 4,424 (1/61) | 3,253 (1/61) | 1,161 (3/8/61) |
| 1966 - High | 93.77 (2/11) | 3.01 | 10.7 | 7,997 | 5,835 | 2,241 (7/6) |
| Low | 73.20 (10/7) | 3.97 | 5.0 | 7,302 | 5,169 | 2,097 (12/14) |
| 1967 - High | 95.83 (8/4) | 3.06 | 12.1 | 8,799 | 6,602 | 2,253 (8/25) |
| Low | 82.18 (1/6) | 3.58 | 6.9 | 7,345 | 5,290 | 2,055 (2/1) |
| July | 93.01 | 3.14 | 10.8 | 8,799 | 6,602 | 2,197 |
| Aug. | 94.49 | 3.11 | 9.0 | n. a. | n. a. | n. a. |
| Aug. 25 | 92.70 | 3.17 | 8.1 | n. a. | n. a. | 2,253 |
| Sept. 1 | 93.68 | 3.14 | 7.2 | n. a. | n. a. | 2,256 |
| 8 | 94.36 | 3.11 | 9.0 | n. a. | n. a. | n. a. |
| 15 | 96.27 | 3.05 | 10.8 | n. a. | n. a. | n. a. |

n. a. Not Available.

- 1/ Standard and Poor's composite index of 500 common stocks, weekly closing prices, 1941-43=10. Monthly data are averages of daily figures rather than of Friday's only. Highs and lows are for Friday's data only.
- 2/ Standard and Poor's composite stock yield based on Wednesday data converted to weekly closing prices by Federal Reserve. Yields shown are for dates on which price index reached its high or low.
- 3/ Averages of daily trading volume on the New York Stock Exchange. Year-end figures are averages of daily figures for the year.
- 4/ End of month figures for member firms of the New York Stock Exchange which carry margin accounts; excludes balances secured by U. S. Government obligations.
- 5/ Wednesday figures for weekly reporting member banks. Excludes loans for purchasing or carrying U.S. Government securities. Weekly reporting banks account for about 70 per cent of loans to others. For further detail see Bulletin.

MORTGAGE AND BOND YIELDS



15

Exhibit F Part II

| | FHA mortgages ^{2/} | | Conventional mortgages ^{3/} | Spread between yields on conv. & FHA mort- ^{4/} | Aaa Corporate Bonds | | Spread between yields on new corporate bonds and | |
|----------------|-----------------------------|---------|--------------------------------------|--|---------------------|------------------------|--|----------------|
| | 25-year | 30-year | | | New ^{5/} | Seasoned ^{6/} | FHA mtgs. ^{4/} | Seasoned bonds |
| 1957 - High | 5.63 | -- | 6.00 | .47 | 4.94 | 4.12 | 1.58 | 1.03 |
| 1958 - Low | 5.35 | -- | 5.55 | .15 | 3.65 | 3.57 | .88 | .05 |
| 1959-60 - High | 6.24 | -- | 6.30 | .23 | 5.25 | 4.61 | 1.69 | .73 |
| 1961-66 - Low | 5.43 | 5.44 | 5.80 | .25 | 4.12 | 4.19 | .77 | -.16 |
| 1966 - High | 6.73 | 6.81 | 6.70 | .30 | 5.82 | 5.49 | 1.11 | .46 |
| 1967 - High | -- | 6.62 | 6.60 | .11 | 5.79 | 5.58 | 1.26 | .42 |
| Low | -- | 6.29 | 6.40 | .01 | 5.20 | 5.03 | .72 | .17 |
| 1967 - Apr. | n. a. | 6.29 | 6.40 | .11 | 5.39 | 5.11 | .90 | .28 |
| May | n. a. | 6.44 | 6.45 | .01 | 5.66 | 5.24 | .78 | .42 |
| June | n. a. | 6.51 | 6.50 | -.01 | 5.79 | 5.44 | .72 | .35 |
| July | n. a. | 6.53 | 6.50 | -.03 | 5.78 | 5.58 | .75 | .20 |
| Aug. | n. a. | 6.60 | 6.55 | -.05 | 5.89 | 5.62 | .71 | .27 |

- ^{1/} Neither mortgage nor bond yields take into account servicing costs which are much higher for mortgages than bonds. Generally, bonds pay interest semi-annually; mortgages, monthly. Mortgage yields, if computed as equivalent to a semi-annual interest investment, would be slightly higher than given in the table.
- ^{2/} Based on FHA-field-office opinions about average bid prices in the private secondary market for new-home mortgages for immediate delivery. Separate data available for 25-year and--beginning July 1961--30-year mortgages with minimum downpayments, weighted by probable volume of transactions. Yields computed by FHA, assuming prepayment period of 12 years for 25-year mortgages and 15 years for 30-year mortgages. Over the period for which they can be compared, the movement of the two mortgage yield series has been similar. Dashed lines indicate periods of adjustment to changes in contractual interest rates.
- ^{3/} Based on FHA-field-office opinion on typical interest rates (rounded) on conventional first mortgages prevailing in the market areas of insuring office cities. Beginning with April 1960, rate relates only to new-home mortgages; prior to that date, rate related to both new as well as existing-home mortgages. Dashed line indicates this change in the series.
- ^{4/} FHA mortgage yield data are for 25-year mortgages through June 1961; 30-year mortgages thereafter.
- ^{5/} See note for Exhibit G.
- ^{6/} Moody's Investor Service. Monthly averages of daily data. See Exhibit A.

YIELDS ON NEW AND SEASONED CORPORATE BONDS

Weekly

Per cent

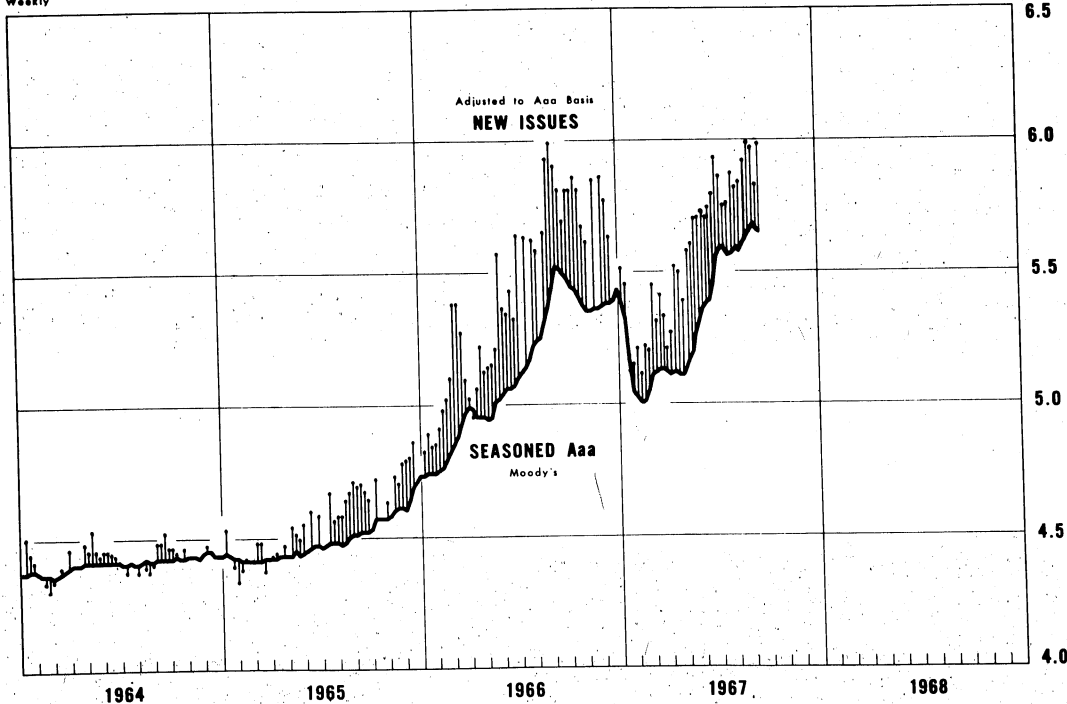


Exhibit G - II

Yields on New Corporate Bond Issues Adjusted to an Aaa basis

| | Number of issues | Am't. of issues included (mill. of dollars) | Average yield (per cent) | | Number of issues | Am't. of issues included (mill. of dollars) | Average yield (per cent) |
|--------------------------|------------------|---|--------------------------|---------|------------------|---|--------------------------|
| <u>Monthly averages:</u> | | | | | | | |
| 1967 - Jan. | 6 | 496.0 | 5.38 | July 7 | 1 | 75.0 | 5.86 |
| Feb. | 7 | 481.0 | 5.20 | 14 | 4 | 282.0 | 5.75 |
| Mar. | 20 | 1073.0 | 5.31 | 21 | 6 | 300.0 | 5.76 |
| Apr. | 20 | 916.0 | 5.39 | 28 | 3 | 115.0 | 5.88 |
| May | 14 | 570.0 | 5.66 | | | | |
| June | 23 | 993.0 | 5.79 | Aug. 4 | 2 | 310.0 | 5.82 |
| July | 14 | 772.0 | 5.78 | 11 | 4 | 283.0 | 5.84 |
| Aug. | 17 | 1125.0 | 5.89 | 18 | 5 | 220.0 | 5.92 |
| | | | | 25 | 3 | 102.0 | 5.99 |
| | | | | Sept. 1 | 3 | 210.0 | 5.97 |
| | | | | 8 | 2 | 93.0 | 5.83 |
| | | | | 15 | 4 | 90.0 | 5.98 |
| <u>Weekly averages:</u> | | | | | | | |
| High | | 5.99(8/25) | | | | | |
| Low | | 5.11(2/10) | | | | | |

Note: Averages of offering yields on all new issues of publicly offered corporate bonds rated Aaa, Aa, and A by Moody's Investors Service (except serial and convertible issues, offerings of natural gas pipeline and foreign companies, and bonds guaranteed by the Federal Government) weighted by size of offering. Before averaging, new offerings are adjusted to a composite Aaa basis by deducting from the actual reoffering yield the excess of the weekly average yield for seasoned bonds of the appropriate industry-quality group over the composite average for seasoned Aaa-rated bonds (Moody's). Averages considered unrepresentative because of special characteristics of the offerings included are denoted by an asterisk.

Exhibit H

Long-term Corporate and State and Local Government
Security Offerings and Placements

(In millions of dollars)

| | New Capital | | | | | |
|----------------|--------------------------------|---------|--------|--------------------|---------|--------|
| | Corporate | | | State and local 2/ | | |
| | 1967 | 1966 p/ | 1965 | 1967 | 1966 p/ | 1965 |
| January | 1,648 | 1,302 | 795 | 1,461 | 1,184 | 804 |
| February | 1,398 | 1,237 | 746 | 1,176 | 858 | 872 |
| March | 2,317 | 2,446 | 1,197 | 1,426 | 868 | 904 |
| April | 1,972 | 1,553 | 1,152 | 1,110 | 1,211 | 826 |
| May | 1,475 | 1,058 | 1,691 | 1,209 | 901 | 924 |
| June | 2,611 | 2,364 | 1,946 | 1,443 | 1,141 | 972 |
| July | e/2,475 | 1,039 | 1,290 | e/ 925 | 701 | 986 |
| August | e/2,400 | 1,670 | 850 | e/ 775 | 773 | 648 |
| September | e/1,800 | 1,382 | 1,392 | e/1,250 | 1,020 | 966 |
| October | | 829 | 924 | | 735 | 794 |
| November | | 1,096 | 1,325 | | 969 | 1,021 |
| December | | 1,635 | 1,496 | | 940 | 754 |
| 1st Quarter | 5,363 | 4,985 | 2,738 | 4,063 | 2,910 | 2,580 |
| 2nd Quarter | 6,058 | 4,974 | 4,789 | 3,762 | 3,253 | 2,722 |
| 3rd Quarter | e/6,675 | 4,091 | 3,533 | e/2,950 | 2,494 | 2,600 |
| 4th Quarter | | 3,550 | 3,745 | | 2,664 | 2,569 |
| 1st half | 11,423 | 9,959 | 7,527 | 7,825 | 6,145 | 5,302 |
| Three quarters | e/18,096 | 14,050 | 11,060 | e/10,750 | 8,640 | 7,902 |
| Year | | 17,601 | 14,805 | | 11,321 | 10,471 |
| | Excluding finance companies 3/ | | | | | |
| 1st Quarter | 5,207 | 4,924 | 2,547 | | | |
| 2nd Quarter | 5,913 | 4,884 | 4,348 | | | |
| 3rd Quarter | | 3,969 | 3,283 | | | |
| 4th Quarter | | 3,492 | 3,188 | | | |
| Year | | 17,269 | 13,366 | | | |

e/ Estimated by Federal Reserve.

p/ Preliminary.

1/ Securities and Exchange Commission estimates of net proceeds.

2/ Investment Bankers Association of America estimates of principal amounts.

3/ Total new capital issues excluding offerings of sales and consumer finance companies.

Exhibit I

New Corporate Security Issues, Type of Issue
and Issuer

(In millions of dollars)

| Quarter or Month | Gross proceeds for new capital and refunding 1/ | | | | | Net proceeds for new capital 1/ 2/ | | | |
|------------------------|--|---------------------|---------------------|--------------------------------|--|---------------------------------------|-------------------|---------------------|------------------|
| | Total | Bonus | | Common and pfd. stock | Memo: Foreign issues included | Mfg. | Public Utility | Communi- cations | Other Issuers |
| | | Publicly Offered | Privately Placed | | | | | | |
| 1966 - II | 5,115 | 1,941 | 2,083 | 1,090 | 168 | 2,205 | 960 | 392 | 1,418 |
| III | 4,197 | 2,256 | 1,627 | 314 | 154 | 1,558 | 657 | 567 | 1,309 |
| IV | 3,669 | 2,047 | 1,247 | 375 | 117 | 1,232 | 984 | 417 | 918 |
| 1967 - I | 5,464 | 3,263 | 1,811 | 390 | 60 | 2,442 | 997 | 543 | 1,382 |
| II | 6,208 | 4,017 | 1,465 | 726 | 65 | 3,014 | 1,268 | 548 | 1,228 |
| 1966 - July | 1,085 | 440 | 535 | 110 | 69 | 397 | 263 | 52 | 327 |
| Aug. | 1,712 | 1,140 | 435 | 137 | 22 | 518 | 313 | 318 | 522 |
| Sept. | 1,400 | 676 | 657 | 67 | 62 | 643 | 81 | 198 | 460 |
| Oct. | 892 | 499 | 256 | 137 | 66 | 331 | 254 | 97 | 147 |
| Nov. | 1,115 | 569 | 435 | 111 | 27 | 228 | 320 | 168 | 369 |
| Dec. | 1,661 | 980 | 555 | 127 | 24 | 673 | 409 | 152 | 401 |
| 1967 - Jan. | 1,684 | 745 | 848 | 91 | 35 | 624 | 220 | 293 | 511 |
| Feb. | 1,418 | 900 | 362 | 156 | 10 | 563 | 274 | 105 | 456 |
| Mar. | 2,362 | 1,618 | 601 | 143 | 15 | 1,254 | 503 | 145 | 415 |
| Apr. | 2,016 | 1,368 | 410 | 238 | 16 | 1,128 | 394 | 107 | 343 |
| May | 1,519 | 965 | 396 | 158 | 32 | 588 | 403 | 91 | 393 |
| June | 2,673 | 1,684 | 659 | 330 | 17 | 1,298 | 471 | 350 | 492 |
| July e/ | 2,510 | 1,860 | 450 | 200 | n.a. | 1,200 | 450 | 25 | 800 |
| Aug. e/ | 2,500 | 1,810 | 500 | 190 | n.a. | 900 | 575 | 250 | 675 |

p/ Preliminary. e/ Estimated by Federal Reserve.

1/ Gross proceeds exceed net proceeds by the cost of flotation.

2/ For total see Exhibit H; other issuers are extractive, railroad and other transportation, real estate and finance, and commercial and other.

SOURCE: Securities and Exchange Commission.

Exhibit J

Other Security Offerings
(In millions of dollars)

| | Gross Long-term 1/ | | | | | |
|-------------|-------------------------------|------|-------|-------------------|-------|-------|
| | Foreign Government 2/ | | | Federal Agency 3/ | | |
| | 1967 | 1966 | 1965 | 1967 | 1966 | 1965 |
| January | 130 | 12 | 218 | 1,251 | -- | -- |
| February | -- | 40 | -- | 783 | 503 | 129 |
| March | 114 | 40 | 38 | 750 | 410 | 185 |
| April | 27 | 66 | 73 | 650 | 392 | 325 |
| May | 13 | 69 | -- | 810 | 699 | -- |
| June | 170 | 76 | 91 | 650 | 1,030 | 775 |
| July | -- | 72 | 33 | 407 | 1,084 | -- |
| August | | 7 | 74 | | 799 | 239 |
| September | | 50 | 5 | | 400 | 150 |
| October | | -- | 52 | | 450 | 375 |
| November | | 74 | 75 | | 800 | 375 |
| December | | 68 | 2 | | 239 | 179 |
| Jan. - June | 454 | 303 | 420 | 5,301 | 3,034 | 1,414 |
| Year | | 597 | 661 | | 6,806 | 2,732 |
| | | | | New short-term 4/ | | |
| | State and local Government 5/ | | | Federal Agency 3/ | | |
| January | 179 | 103 | 238 | -179 | 308 | -137 |
| February | 387 | 39 | 91 | -552 | -24 | -174 |
| March | -678 | -319 | -458 | -454 | 450 | 117 |
| April | 827 | 580 | 647 | -559 | 718 | -11 |
| May | p/ 404 | 462 | 204 | 109 | 85 | 509 |
| June | p/-185 | -334 | -82 | 93 | 284 | 237 |
| July | | -103 | 119 | -158 | -590 | 132 |
| August | | 270 | 408 | | -270 | 206 |
| September | | -161 | 152 | | -652 | 105 |
| October | | -48 | 59 | | -555 | -309 |
| November | | 503 | 274 | | -283 | 202 |
| December | | -570 | -366 | | 219 | -76 |
| Jan. - July | 934 | 531 | 640 | -1,700 | 1,821 | 541 |
| Year | | 422 | 1,286 | | -310 | 801 |

p/ Preliminary. e/ Estimated by Federal Reserve. n.a.--Not available. 1/ These data differ from those in Exhibit H in that refunding issues, as well as new capital issues, are included. Long-term securities are defined as those maturing in more than one year. 2/ Includes securities offered in the U.S. by foreign governments and their political subdivisions and international organizations. Source: Securities and Exchange Commission. 3/ Issues not guaranteed by U.S. government. Source: Long-term, Securities and Exchange Commission; short-term, Treasury Dept. & Fed. Reserve. 4/ These data differ from those in Exhibit H and above in that they represent new offerings less retirements, whether from the proceeds or refunding issues or from other funds. Data include only issues with original maturity of one year or less. 5/ Principally tax and bond anticipation notes, warrants, or certificates and Public Housing Auth. notes. In some instances PHA notes included may have a somewhat longer maturity than 1 year. Source: Bond Buyer & Federal Reserve.

Exhibit K

Large Long-term Public Security Issues for New Capital
(Other than U. S. Treasury) 1/

Proceeds of Large Issues Offered
(In millions of dollars)

| | Corporate | | | | State and local governments | Other 2/ |
|-------------|------------------|--|--------------------------|---------------|------------------------------------|-----------------|
| | Total | Bonds (other than convertibles) | Convertible bonds | Stocks | | |
| 1966 - Aug. | 1,189 | 862 | 257 | 80 | 410 | -- |
| Sept. | 627 | 287 | 340 | -- | 611 | 50 |
| Oct. | 523 | 352 | 116 | 55 | 387 | -- |
| Nov. | 510 | 363 | 97 | 50 | 464 | 55 |
| Dec. | 1,177 | 990 | 118 | 68 | 779 | 60 |
| 1967 - Jan. | 681 | 611 | 30 | 40 | 947 | 230 |
| Feb. | 842 | 709 | 40 | 93 | 675 | 530 |
| Mar. | 1,638 | 1,435 | 140 | 63 | 669 | 1,000 |
| Apr. | 1,311 | 956 | 213 | 142 | 512 | 540 |
| May | 870 | 771 | 55 | 44 | 496 | 391 |
| June | 1,666 | 1,072 | 409 | 185 | 875 | 825 |
| July | 1,340 | 890 | 317 | 133 | 483 | 85 |
| Aug. | 1,705 | 1,288 | 350 | 67 | 473 | 221 |

Large Individual Issues Offered Sept. 1 through September 15, 1967.

| Issuer | Type 3/ | (Amount millions of dollars) | Maturity | Coupon rate or net interest cost | Offering yield | Rating |
|-------------------------------------|-------------------|-------------------------------------|-----------------|---|-----------------------|---------------|
| Corporate | | | | | | |
| Louisiana Pwr. & Lt. Co. | 1st mtg. bds. | 18.0 | 1997 | 6-1/2 | 6.35 | A |
| New York Telephone Co. | Ref. mtg. bds. | 75.0 | 2007 | 6 | 5.95 | Aaa |
| Monogram Industries | Conv. sub. debts. | 25.0 | 1992 | 4 | 4.00 | Ba |
| Jersey Central Pwr. & Lt. Company | 1st mtg. bds. | 30.0 | 1997 | 6-5/8 | 6.45 | A |
| Delmarva Pwr. & Lt. Co. | 1st mtg. bds. | 25.0 | 1997 | 6-3/8 | 6.30 | Aa |
| Harris-Intertype | Debs. | 25.0 | 1992 | 6 | 6.16 | A |
| Northern Natural Gas | Cum. pfd. stk. | 15.0 | | | | -- |
| Parker-Hannifin | Conv. debts. | 20.0 | 1992 | 4 | 4.00 | -- |
| State & local Government | | | | | | |
| Fairfax County, Virginia | G.O. | 16.0 | 1969-83 | 4.31 | 3.50-4.70 | Baa |
| Commonwealth of Puerto Rico | Bonds | 32.5 | 1969-93 | 4.36 | 3.60-4.35 | Aa |
| Minneapolis Spec. Sch. Dist. | G.O. | 10.2 | 1969-79 | 3.71 | 3.20-3.70 | Aaa |
| Pa. State Hwy. & Bridge Authority | Rev.-Rent | 75.0 | 1970-89 | 4.00 | 3.60-3.98 | A |
| Pittsburgh, Pennsylvania | G.O. | 12.9 | 1968-87 | 4.00 | 3.60-3.98 | A |

Large Individual Issues Offered Sept. 1 through Sept. 15, 1967.

| Issuer | Type <u>3/</u> | Amount (millions of dollars) | Maturity | Coupon rate or net inter- est cost | Offer- ing yield | Rating |
|---|----------------|---------------------------------------|-----------------------|---|------------------------|--------|
| <u>State & local Govt. Cont'd.</u> | | | | | | |
| Jacksonville, Florida | Rev.-Ut. | 15.0 | 1968-82 ^{5/} | 4.05 | 3.15-4.00 | Aa |
| State of Montana | G.O. | 11.1 | 1968-97 ^{6/} | 3.93 | 3.10-4.05 | Aa |
| State of California | G.O. | 100.0 | 1969-93 ^{7/} | 4.08 | 3.30-4.15 | -- |
| Louisiana Cap. Constr. and Impr. Comm. | Rev.-S.T. | 25.0 | 1968-87 ^{8/} | 4.26 | 3.20-4.25 | A |
| State of Washington | Rev.-S.T. | 35.9 | 1968-92 ^{8/} | 4.35 | 3.30-4.35 | Aa |
| Los Angeles Dept. of Wtr. & Pwr. | Rev.-Ut. | 21.0 | 1968-97 | 4.16 | 3.10-4.20 | Aa |
| Indianapolis Sch. Dist. Indiana | G.O. | 11.9 | 1969-96 | 4.01 | 3.20-4.05 | Aa |
| School Dist. of Philadelphia | G.O. | 35.0 | 1969-92 | 4.18 | 3.40-4.25 | A |
| <u>Other</u> | | | | | | |
| Kingdom of Denmark *** | Bonds | 25.0 | 1982 | 6-3/4 | 6.85 | -- |
| Finland | Bonds | 15.0 | 1987 | 7 | 7.22 | -- |

- 1/ Includes corporate and other security offerings of \$15 million and over; State and local security offerings of \$10 million and over.
- 2/ Includes foreign government and International Bank for Reconstruction and Development issues and non-guaranteed issues by Federal Agencies.
- 3/ In the case of State and local Government Securities, G.O. denotes general obligations; Rev.-Ut., revenue obligations secured only by income from public utilities; Rev.-Q.-Ut., revenue bonds secured only by income from quasi-utilities; Rev.-S.T., revenue bonds secured by revenue from specific taxes only; Rev.-Rent., revenue bonds secured solely by lease payments.
- 4/ Bonds due 1968-1971 not publicly reoffered.
- 5/ Bonds due 1997 were not reoffered.
- 6/ Bonds due 1997 were not reoffered.
- 7/ Bonds due 1993 were not reoffered.
- 8/ Bonds due 1992 were not reoffered.
- *** Issue subject to interest equalization tax.

Exhibit L

Forthcoming Large Long-term Public Security Offering for New Capital
(Other than U.S. Treasury) 1/Expected Proceeds from Forthcoming Large Issues
(In millions of dollars)

| | During month following date shown | | | Subsequent to date shown | | |
|----------------|--------------------------------------|--------------------------|----------|-----------------------------|--------------------------|----------|
| | Corporate | State and local govt. | Other 2/ | Corporate | State and local govt. | Other 2/ |
| 1966 - Aug. 31 | 662 | 515 | 40 | 853 | 685 | 90 |
| Sept. 30 | 687 | 300 | -- | 767 | 390 | 85 |
| Oct. 31 | 397 | 140 | -- | 457 | 175 | 35 |
| Nov. 30 | 1,098 | 496 | -- | 1,133 | 571 | 65 |
| Dec. 30 | 656 | 939 | 80 | 811 | 1,154 | 95 |
| 1967 - Jan. 31 | 486 | 780 | 530 | 706 | 851 | 545 |
| Feb. 28 | 1,410 | 508 | 250 | 1,534 | 528 | 265 |
| Mar. 31 | 767 | 227 | -- | 905 | 247 | 15 |
| Apr. 30 | 963 | 326 | 70 | 1,262 | 346 | 85 |
| May 31 | 1,449 | 596 | 100 | 2,065 | 616 | 115 |
| June 30 | 1,636 | 401 | 40 | 1,922 | 402 | 70 |
| July 31 | 1,261 | 512 | -- | 1,576 | 575 | 150 |
| Aug. 31 | 694 | 783 | 100 | 1,335 | 903 | 159 |

Forthcoming Large Offerings as of September 15.

| Issuer | Type | Amount (millions of dollars) | Approximate date of offering |
|--|-------------------|---------------------------------------|---------------------------------|
| Corporate | | | |
| Sylvania Electric Products | S.F. debts. | 50.0 | Sept. 18 |
| New York State Electric & Gas | 1st mtg. bds. | 25.0 | Sept. 19 |
| Champion Spark Plug | Debs. | 30.0 | Sept. 19 |
| Amerace Corporation | Conv. debts. | 15.0 | Sept. 19 |
| Rochester Gas & Electric | 1st mtg. bds. | 20.0 | Sept. 20 |
| Trana Company | Conv. sub. debts. | 20.0 | Sept. 20 |
| *Levin-Townsend | Conv. debts. | 25.0 | Sept. 21 |
| Management Assistance Inc. | Conv. sub. debts. | 26.6 | Sept. 21 (rts. exp.) |
| Data Processing Financial & General Corp. | Conv. debts. | 50.0 | Sept. 25 |
| Portland General Electric | 1st mtg. bds. | 24.0 | Sept. 26 |
| Penn-Dixie | Conv. debts. | 20.0 | Sept. 25 |
| *U. S. Plywood-Champion Paper Inc. | Com. stk. | 54.8 | Sept. 26 |
| New England Tel. & Tel. Co. | Debs. | 100.0 | Sept. 26 (rts. exp.) |
| Montana Power | 1st mtg. bds. | 30.0 | Sept. 27 |
| Lincoln First Group | Debs. | 15.0 | Sept. 27 |
| Sprague Electric | Conv. debts. | 25.0 | Sept. 27 |
| Hudson's Bay Oil & Gas | Conv. pfd. stk. | 30.0 | Sept. |
| Allied Stores | Conv. debts. | 50.0 | Sept. |
| Alabama Power | 1st mtg. bds. | 28.0 | Oct. 3 |

Forthcoming Large Offerings as of September 15 (Cont'd)

| Issuer | Type | Amount (millions of dollars) | Approximate date of offering |
|---|----------------------|---------------------------------------|------------------------------|
| <u>Corporate (Cont'd)</u> | | | |
| Columbus & So. Ohio Elec. | 1st mtg. bds. | 15.0 | Oct. 4 |
| Columbia Gas | Debs. | 25.0 | Oct. 5 |
| Orange & Rockland Utilities | 1st mtg. bds. | 23.0 | Oct. 10 |
| *United Aircraft Corp. | Conv. debs. | 125.0 | Oct. 10 (rts. exp.) |
| United Aircraft | Conv. sub. debs. | 123.0 | Oct. 10 (rts. exp.) |
| Metropolitan Edison | Debs. | 20.0 | Oct. 10 |
| *SCM Corp. | Com. stk. | 30.0 | Indefinite (rts. exp.) |
| *ITT | Conv. pfd. stk. | 100.0 | Indefinite |
| C.I.T. Financial Corp. | Debs. | 75.0 | Indefinite |
| Armco Steel | S.F. debs. | 60.0 | Indefinite |
| Detroit Edison | Conv. cum. pfd. stk. | 96.1 | Indefinite (rts. exp.) |
| Southern New England Tel. & Tel. | Com. stk. | 29.0 | Indefinite (rts. exp.) |
| Montgomery Ward Credit | Debs. | 50.0 | Indefinite |
| <u>State & local Government</u> | | | |
| Kentucky State Property and Building Comm. | Rev.-Rent. | 45.5 | September 19 |
| Nashville & Davidson Cos. | G.O. | 35.0 | September 19 |
| Housing Assistance Admin. | Bonds | 105.4 | September 20 |
| Jefferson Parish, La., Consol. Waterworks Dist. #2 | Rev.-Rent. | 14.0 | September 21 |
| State of Hawaii | G.O. | 28.2 | September 21 |
| Milwaukee, Wisconsin | G.O. | 10.7 | September 26 |
| Fairfax County, Virginia, Water Authority | Rev.-Ut. | 53.0 | September 26 |
| City of Los Angeles, Calif., Dept. of Airports | Rev.-Rent. | 40.0 | September 26 |
| Detroit, Michigan | G.O. | 35.2 | September 26 |
| Los Angeles, Calif., Dept. of Water & Power | Rev.-Rent | 15.0 | September 30 |
| Kentucky Turnpike Auth. | Rev.-Q.-Ut. | 120.0 | October 1 |
| Oklahoma City Airport Trust, Oklahoma | Rev.-Rent | 17.0 | October |
| <u>Other</u> | | | |
| Montreal Catholic Sch. Comm. | Debs. | 25.0 | September 26 |
| Alberta Govt. Telephone Comm. | Debs. | 35.0 | September 28 |
| *Quebec Hydro-Elec. Comm. | Debs. | 50.0 | September 20 |
| Nippon Tel. & Tel. Pub. Corp. | Bonds | 15.0 | Indefinite |

Forthcoming Large Offerings as of September 15 (Cont'd)

| Issuer | Type | Amount (millions of dollars) | Approximate date of offering |
|--------------------------|-----------------------------|---------------------------------------|------------------------------|
| <u>Other (Cont'd)</u> | | | |
| American Mail Line, Ltd. | U.S. Govt. Ins. Merchant | | |
| New Zealand | Marine Bonds | 28.8 | Indefinite |
| *New Brunswick Electric | Bonds | 15.0 | Indefinite |
| Power Comm. | S.F. debs. | 15.0 | Indefinite |

*--Included in table for first time.

- 1/ Includes corporate and other issues of \$15 million and over; State and local Government issues of \$10 million and over.
- 2/ Includes foreign government and International Bank for Reconstruction and Development issues and non-guaranteed issues of Federal Agencies.

Exhibit M

Foreign Government and Corporate Security Offerings
and Placements in the United States

Part I: Public Offerings

| Sale Date | Amount (millions of dollars) | Issuer and Description of Issue |
|------------|---------------------------------------|--|
| | | A. Sold July 1 through Sept. 15, 1967. |
| 7/19 | 30.0 | MacMillan Bloedel -- 6-1/2% S.F. debentures maturing 1992, reoffered to yield 6.50%. |
| 7/19 | 25.0 | Canadian Pacific Railway -- 6-3/8% equipment trust certificates maturing 1982, reoffered to yield 6.39%. |
| 7/26 | 30.0 | Lakehead Pipeline Company -- 6-1/2% S.F. debentures maturing 1992, reoffered to yield 6.50%. |
| 9/6 | 25.0 | Kingdom of Denmark -- ^{***} 6-3/4% external loan bonds maturing 1982, reoffered to yield 6.85. |
| 9/7 | 15.0 | Finland -- 7% Bonds maturing 1987, reoffered to yield 7.22%. |
| | | B. Prospective Offerings |
| Sept. 26 | 25.0 | Montreal Catholic School Commission - Debentures |
| Sept. 28 | 35.0 | Alberta Government Tel. Commission -- Debentures |
| Indefinite | 15.0 | Nippon Telegraph and Telephone Public Corp. -- Bonds |
| Indefinite | 15.0 | New Zealand -- Bonds ^{***} |

* - Included in table for first time.

** - Issues sold to investors outside of U.S.

*** - Issue subject to interest equalization tax.

PART II: Private Placements - Reported July 1 through Sept. 15, 1967.

| Date Reported | Amount (millions of dollars) | Issuer and Description of Issue |
|---------------|---------------------------------------|--|
| 7/24 | 40.0 | Electric Reduction Company of Canada Ltd. -- 1st mtg. bds. and debentures maturing 1986 -- no information available on takedown. |
| 7/25 | 4.5 | Dunlop Canada Ltd. -- debentures maturing 1987 -- no information available on takedown. |
| 8/3 | 11.3 | Asociacion Nacional Pro-Vivienda Propia de los Servidores del Estado, Peru -- 5.53% guaranteed notes maturing 1987 -- no information available on takedown. |
| 8/3 | 21.0 | Instituto Nacional de Industria -- loan due 1971-72 -- no information available on takedown. |
| 9/8 | 41.7 | St. Anne -- Nackawic Pulp & Paper Co., Ltd. 1st mtg. notes maturing 1992 -- no information available on takedown. |

Note: For retrospective data on aggregate foreign corporate and government security offerings in the United States see Exhibits I and J. There is no simple relationship between the data shown in the Exhibit and that shown in Exhibits I and J because the latter includes privately placed securities in the period in which funds are actually taken down but only in the amount of takedown while the placements shown in this exhibit are included when reported, frequently with little or no information concerning timing of takedown. Full or partial takedown may take place both prior and subsequent to the date a placement is reported.