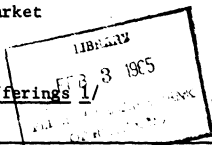


CAPITAL MARKET DEVELOPMENTS
IN THE UNITED STATES

(Including Review of Capital Market
Developments in January)

Long-Term Public Security Offerings 1/



| | Corporate | | State and Local govt. | |
|--------------|---------------|-----------|-----------------------|---------------|
| | New Capital | Refunding | New Capital | Refunding |
| Sold: | | | | |
| 52 week avg. | 110 | 1 | 183 | 10 |
| Jan. 22 | 42 <u>r</u> / | -- | 300 <u>r</u> / | 17 <u>r</u> / |
| Jan. 29 | 75 | -- | 165 | -- |
| Scheduled: | | | | |
| Feb. 5 | 40 | -- | 177 | -- |

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

Corporate and municipal bond markets. Public offerings of corporate securities this week are expected to total a modest \$40 million, but the new supply of municipal obligations (\$177 million) will be about the same as a week earlier.

Yields in Securities Markets

| | <u>Level latest week</u> (per cent) | <u>Change from</u> <u>preceeding week</u> (basis points) |
|------------------------|--|--|
| High-Grade | | |
| <u>Notes and Bonds</u> | | |
| <u>Corporate</u> | | |
| New | 4.33 | - 6 |
| Seasoned | 4.42 | - 1 |
| <u>U. S. Govt.</u> | | |
| Long-term | 4.13 | - 1 |
| 3-5 year | 4.05 | + 1 |
| State and local govt. | 2.96 | -- |
| <u>Money-Market</u> | | |
| Federal Funds | 4.00 | +60 |
| Treasury bills | | |
| 3-month | 3.85 | + 4 |
| 6-month | 3.94 | -- |
| Finance Company Paper | 4.03 | - 3 |

* FNMA secondary market operations. Sales in the secondary mortgage market by the Federal National Mortgage Association totaled \$5.9 million in December. This was little changed from the moderately improved November total and compared with \$15.8 million in December of last year and recent highs of more than \$165 million during the spring months of that year.

Purchases by FNMA, which had declined in November, turned upward again in December, to \$32.5 million, compared with only \$10.9 million a year earlier. Offerings also rose, to \$41.3 million, as against \$14.1 million in December of 1963. The December increase in both offerings and purchases partly reflected revived transactions in mortgages held by the Federal Housing Administration in exchange for FNMA-held FHA debentures.

Capital Markets in January. New capital security financing by corporations in January amounted to an estimated \$0.8 billion, one-seventh less than a year earlier but three-tenths larger than in January 1963. The bulk of this total consisted of private placements of debt obligations with large public offerings amounting to only \$130 million compared with \$307 million a year earlier.

The quick sell-out of the \$200 million bond offering of the International Bank for Reconstruction and Development (considered comparable to corporate bonds by many institutional investors) early in the month apparently encouraged underwriters to become very aggressive in their bidding for the seasonally light supply of new bond offerings. As a result, the average yield on new corporate bonds -- adjusted to a triple A basis -- fell to 4.33 per cent at the end of the month, down 14 basis points from the early December level and the lowest since late February 1963. Although the last two issues sold in the second half of the month were being distributed very slowly at these reduced reoffering yields, the approximately \$50 million in syndicate balance at month-end should not be troublesome in view of the continued scarcity of new offerings over the near term.

New municipal bond offerings had a par value of \$0.8 billion this past month, one-seventh less than in January 1964 but slightly more than two years earlier. Underwriters were also aggressive in their bidding for the new municipal offerings and yields dropped further. Yields on seasoned Aaa-rated issues fell to 2.96 per cent, their lowest level since April 1963 and within 8 basis points of their six-year low set in November 1962. Investor reception was generally very good but fell off somewhat late in the month leaving about one-half of last week's volume undistributed by the end of the month. Dealers' advertised inventories of unsold securities amounted to about \$650 million near the end of the month, up \$100 million from their low early in the month but about \$50 million below the year-end level.

Common stock prices advanced steadily to a new record high in increased trading volume during January. Prices, as measured by Standard and Poor's composite index of 500 stocks, closed at 87.56 on January 29, up 3 per cent from the end of 1964 and 1-1/2 per cent above the previous high reached last November 20. Trading volume averaged 5.5 million shares a day, up 0.8 million shares above the average for the previous month.

Estimated security financing for February. Corporate security offerings for new capital are estimated at \$0.8 billion in February, the same as in the previous month and one-fourth larger than the average for February of the two previous years.

New State and local government bond sales this month will probably total \$0.7 billion, down one-eighth from January and somewhat smaller than in the comparable month of the two previous years. Large issues currently on the calendar for offering this month amount to \$242 million.

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.

EXHIBIT A, Part I,

LONG-TERM BOND YIELDS, HIGH-GRADE

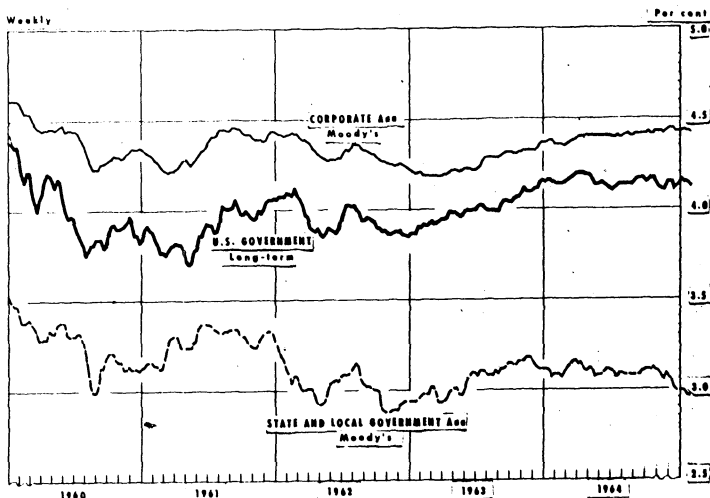


Exhibit A - Part II

| Date | Corporate Aaa 1/ | U. S. Govt. long-term 2/ | State and local government Aaa 3/ | 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 | .92 |
| 1961 - High | 4.46(9/15) | 4.07 (12/29) | 3.37 (7/6) | .57 | .76 |
| Low | 4.21(3/17) | 3.70 (5/12) | 3.12 (2/23) | .34 | .46 |
| 1962 - High | 4.43(2/16) | 4.12 (2/23) | 3.26 (1/4) | .47 | 1.04 |
| Low | 4.23(12/28) | 3.85 (12/28) | 2.88 (11/8) | .30 | .80 |
| 1963 - High | 4.37(12/27) | 4.16 (12/27) | 3.18 (11/21) | .35 | 1.05 |
| Low | 4.19(3/29) | 3.87 (1/18) | 2.93 (3/28) | .21 | .88 |
| 1964 - High | 4.45(12/11) | 4.20(4/17) | 3.16(3/26) | .33 | 1.17 |
| Low | 4.35(2/28) | 4.11(11/20) | 2.99(12/31) | .19 | 1.01 |
| Jan. 1 | 4.43 | 4.16 | 2.99 | .27 | 1.17 |
| Jan. 8 | 4.44 | 4.15 | 2.99 | .29 | 1.17 |
| Jan. 15 | 4.43 | 4.15 | 2.97 | .28 | 1.18 |
| Jan. 22 | 4.43 | 4.14 | 2.96 | .29 | 1.18 |
| Jan. 29 p/ | 4.42 | 4.13 | 2.96 | .29 | 1.17 |

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

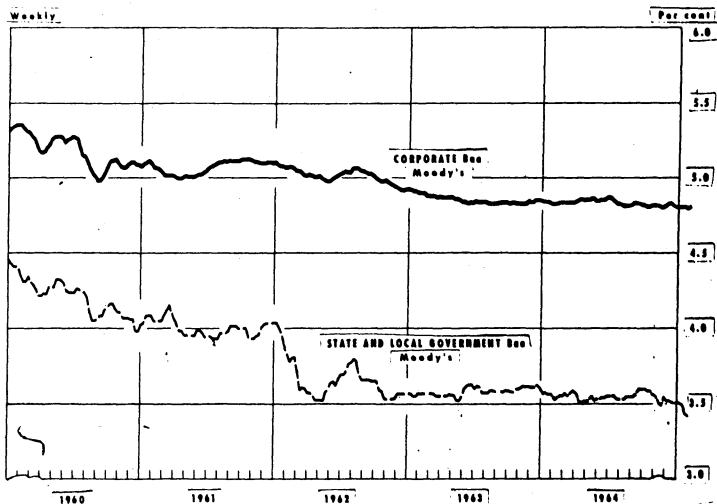


Exhibit B - Part II

| 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) | .80 | 1.08 |
| 1961 - High | 5.13(10/27) | 4.16(3/23) | .81 | .93 |
| Low | 5.00(4/21) | 3.93(11/9) | .66 | .57 |
| 1962 - High | 5.11(1/5) | 4.04(1/11) | .74 | .82 |
| Low | 4.92(12/21) | 3.52(5/17) | .63 | .56 |
| 1963 - High | 4.93(1/4) | 3.63(6/27) | .71 | .63 |
| Low | 4.83(11/15) | 3.52(5/23) | .48 | .44 |
| 1964 - High | 4.87(6/26) | 3.59(10/8) | .48 | .52 |
| Low | 4.80(12/31) | 3.49(11/19) | .37 | .36 |
| Jan. 1 | 4.80 | 3.51 | .37 | .52 |
| Jan. 8 | 4.80 | 3.49 | .36 | .50 |
| Jan. 15 | 4.80 | 3.44 | .37 | .47 |
| Jan. 22 | 4.79 | 3.42 | .36 | .46 |
| Jan. 29 p/ | 4.80 | 3.41 | .38 | .45 |

Note: For footnotes see Exhibit A.

EXHIBIT C, Part I

SHORT- AND INTERMEDIATE-TERM INTEREST RATES, GOVERNMENT

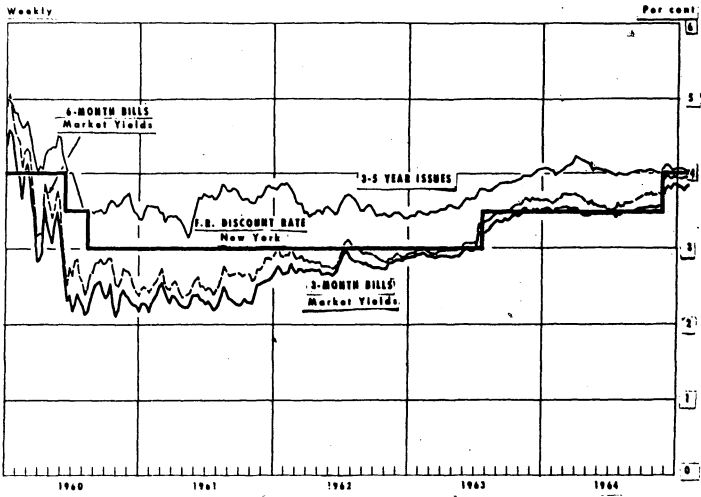


Exhibit C - Part II

| Date | Discount rate 1/ | Yields | | | Spread between yields on 3-month bills and yields on | |
|----------------|---------------------|------------------|------------------|--------------------|--|----------------|
| | | 3-month bills 2/ | 6-month bills 2/ | 3-5 year issues 2/ | 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 |
| 1961 - High | 3.00 | 2.66 (12/29) | 2.90 (1/29) | 3.86 (8/11) | .44 | 1.51 |
| Low | 3.00 | 2.17 (1/27) | 2.35 (4/28) | 3.15 (5/12) | .12 | .92 |
| 1962 - High | 3.00 | 2.97 (7/13) | 3.13 (7/20) | 3.88 (2/2) | .24 | 1.19 |
| Low | 3.00 | 2.65 (6/8) | 2.74 (6/8) | 3.41 (12/28) | .02 | .52 |
| 1963 - High | 3.50 | 3.55 (11/15) | 3.68 (12/6) | 4.07 (12/27) | .17 | .70 |
| Low | 3.00 | 2.88 (3/15) | 2.93 (3/8) | 3.44 (1/18) | .04 | .42 |
| 1964 - High | 4.00 | 3.86 (12/25) | 3.97 (12/4) | 4.23 (3/27) | .21 | .71 |
| Low | 3.50 | 3.43 (7/17) | 3.52 (7/3) | 3.98 (8/7) | .04 | .20 |
| Jan. 1 | 4.00 | 3.83 | 3.93 | 4.07 | .10 | .24 |
| Jan. 8 | 4.00 | 3.80 | 3.92 | 4.07 | .12 | .27 |
| Jan. 15 | 4.00 | 3.77 | 3.94 | 4.06 | .17 | .29 |
| Jan. 22 | 4.00 | 3.81 | 3.94 | 4.04 | .13 | .23 |
| Jan. 29 p/ | 4.00 | 3.85 ✓ | 3.94 ✓ | 4.05 | .09 | .20 |

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.

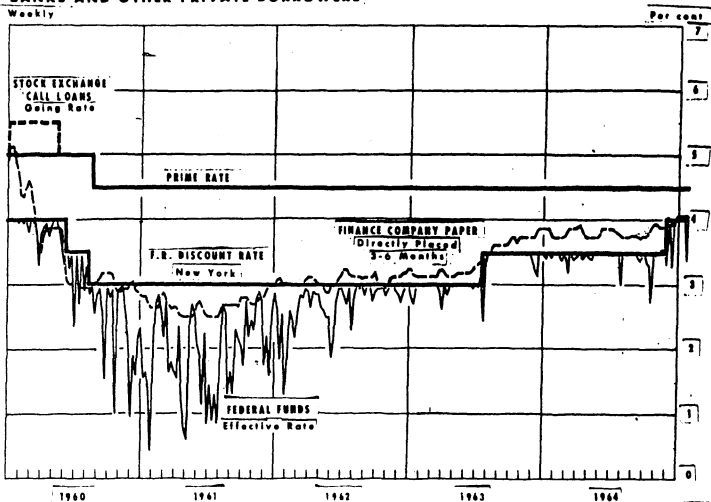
**SHORT- AND INTERMEDIATE- TERM INTEREST RATES,
BANKS AND OTHER PRIVATE BORROWERS**


Exhibit D - Part II

| Date | Stock exchange call loan ^{1/} | Prime rate ^{1/} | Finance company paper ^{2/} | Federal funds ^{3/} | Spread between 3-mo. bills and finance co. paper |
|-------------|---|-----------------------------|--|--------------------------------|--|
| | (per cent) | | | | |
| 1959-60 | 5.50 | 5.00 | 5.13(1/22/60) | 4.00 (5/13/60) | 1.02 |
| 1961 - High | 4.50 | 4.50 | 3.00(12/30) | 2.90 (11/17) | .56 |
| Low | 4.50 | 4.50 | 2.50(8/5) | .43 (1/27) | .11 |
| 1962 - High | 4.50 | 4.50 | 3.25(7/21) | 3.00 (12/28) | .45 |
| Low | 4.50 | 4.50 | 2.88(6/1) | 1.30 (1/26) | .19 |
| 1963 - High | 4.50 | 4.50 | 3.88(12/27) | 3.50 (12/27) | .39 |
| Low | 4.50 | 4.50 | 3.13(5/31) | 2.45 (7/26) | .12 |
| 1964 - High | 4.50 | 4.50 | 4.06(12/31) | 4.00(12/31) | .41 |
| Low | 4.50 | 4.50 | 3.72(9/11) | 3.07(10/16) | .48 |
| Jan. 1 | 4.50 | 4.50 | 4.06 | 4.00 | .23 |
| Jan. 8 | 4.50 | 4.50 | 4.06 | 4.00 | .26 |
| Jan. 15 | 4.50 | 4.50 | 4.06 | 4.00 | .29 |
| Jan. 22 | 4.50 | 4.50 | 4.06 | 3.40 | .25 |
| Jan. 29 p/ | 4.50 | 4.50 | 4.03 | 4.00 | .18 |

^{1/} Weekly rate shown is that in effect at end of period. Stock Exchange call loan rate is going rate on all loans secured by customers' stock exchange collateral at New York City banks. 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: High and low 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

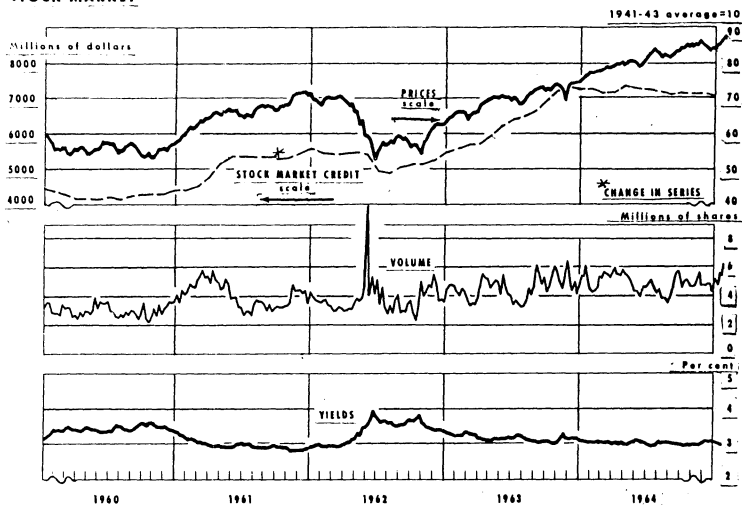


Exhibit E - Part II

| Date | Stock price index ^{1/} | Common stock yields ^{2/} (per cent) | Trading volume ^{3/} (millions of shares) | Stock market customer credit | | |
|--------------------------|---------------------------------|--|---|------------------------------|---|--------------------------------------|
| | | | | Total | Customers' debit balances ^{4/} | Bank loans to "others" ^{5/} |
| (In millions of dollars) | | | | | | |
| 1961-62 - High | 72.04(12/8/61) | 2.80 | 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) |
| 1963 - High | 74.44(12/27) | 3.01 | 6.5 | 7,298(11/63) | 5,586(11/63) | 1,738(12/28) |
| 1964 - High | 86.28(11/20) | 2.95 | 6.1 | 7,314(4) | 5,524(1) | 1,974(12/30) |
| Low | 75.50(1/3) | 3.10 | 3.6 | 7,073(12) | 5,079(12) | 1,720(1/22) |
| Dec. | 83.96 | 3.06 | 4.7 | 7,053 | 5,079 | 1,974 |
| Jan. | 86.12 | 2.99 | 5.5 | n.a. | n.a. | n.a. |
| Jan. 15 | 86.21 | 2.99 | 5.6 | n.a. | n.a. | 1,949 |
| Jan. 22 | 86.74 | 2.97 | 5.4 | n.a. | n.a. | 1,962 |
| Jan. 29 p/ | 87.56 | 2.95 | 6.2 | n.a. | n.a. | n.a. |

n.a.—Not available. p/ Preliminary.

^{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.

^{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.

FEDERAL NATIONAL MORTGAGE ASSOCIATION^{1/}SECONDARY MARKET OPERATIONS
Monthly

Millions of dollars

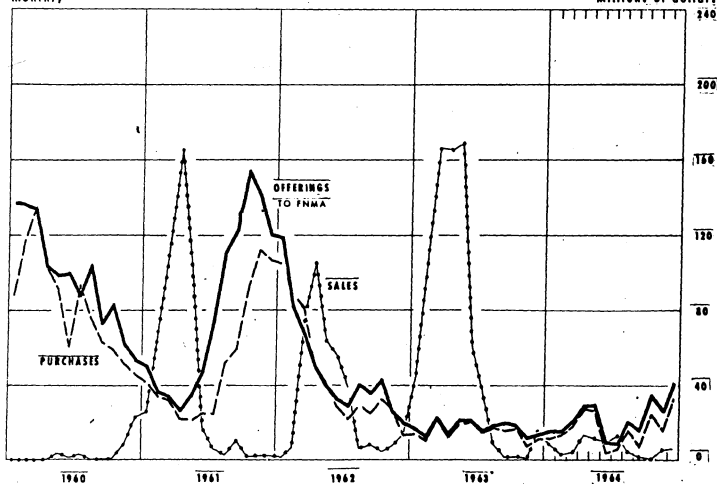


Exhibit F - Part II

| Date | Estimated offerings to FNMA | | | Purchases by FNMA | Sales by FNMA |
|-------------|-----------------------------|-----------------------|-----------------------|-------------------------|---------------------|
| | Total | Immediate purchase | Standby commitment | | |
| | (In millions of dollars) | | | | |
| 1963 - Dec. | 14.1 | 14.0 | .1 | 10.9 | 15.8 |
| 1964 - Jan. | 15.6 | 15.5 | .1 | 11.1 | 8.8 |
| Feb. | 15.1 | 15.0 | .1 | 13.0 | 2.3 |
| Mar. | 20.1 | 19.9 | .3 | 16.8 | 3.8 |
| Apr. | 28.5 | 28.5 | .1 | 26.4 | 12.7 |
| May | 28.9 | 28.9 | -- | 25.8 | 10.9 |
| June | 9.3 | 9.2 | -- | 3.8 | 9.5 |
| July | 8.4 | 8.0 | .3 | 5.5 | 12.6 |
| Aug. | 20.5 | 20.5 | -- | 15.2 | 4.4 |
| Sept. | 15.1 | 14.9 | .1 | 7.2 | 1.6 |
| Oct. | 34.9 | 34.8 | .1 | 24.0 | -- |
| Nov. | 26.0 | 25.9 | .1 | 16.0 | 5.7 |
| Dec. | 41.3 | 41.1 | .1 | 32.5 | 5.9 |

*--Less than \$50,000.

^{1/} Data represent unpaid principal balances of the mortgages involved, exclusive of premiums, discounts, or other charges. Offerings are amounts of applications received during the period from sellers proposing that FNMA execute purchasing contracts. An immediate purchase contract covers existing mortgages which the seller must deliver to FNMA within 45 days. A standby commitment contract relates to proposed mortgages on housing not yet under construction which the seller must usually deliver within one year. Purchases include those under both immediate purchases and standby commitment contracts. Data exclude FNMA activity under Special Assistance and Management and Liquidating Programs.

YIELDS ON NEW AND SEASONED CORPORATE BONDS

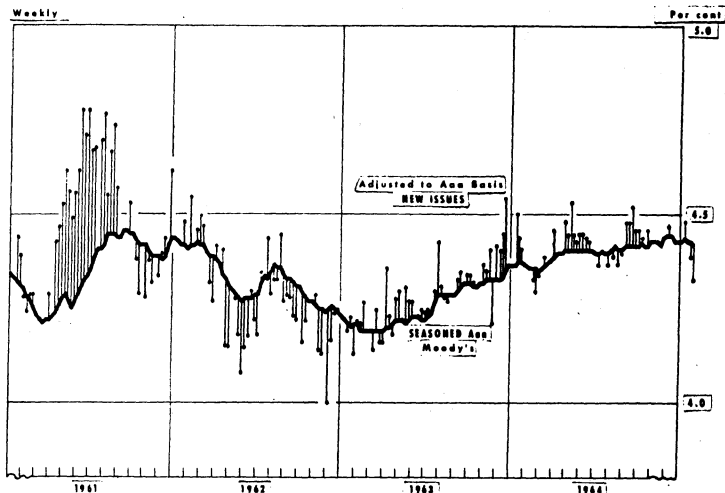


Exhibit G - Part II

Yields on New Corporate Bond Issues Adjusted to an Aaa basis

| | Number of issues | Am't of issues included (mil. of dollars) | Average yield (per cent) | | Number of issues | Am't of issues included (mil. of dollars) | Average yield (per cent) |
|--------------------------|------------------|---|--------------------------|--------|------------------|---|--------------------------|
| Monthly averages: | | | | | | | |
| 1964 - Jan.. | 3 | 150.0 | 4.50 | Dec. 4 | 3 | 140.0 | 4.47 |
| Feb. | 3 | 125.0 | 4.38 | 11 | -- | -- | -- |
| Mar. | 6 | 166.0 | 4.43 | 18 | -- | -- | -- |
| Apr. | 1 | 130.0 | 4.48 | 25 | -- | -- | -- |
| May | 10 | 278.0 | 4.46 | Jan. 1 | -- | -- | -- |
| June | 8 | 230.0 | 4.43 | 8 | 1 | 40.0 | 4.53* |
| July | 3 | 60.0 | 4.37 | 15 | -- | -- | -- |
| Aug. | 4 | 75.0 | 4.39 | 22 | 1 | 14.0 | 4.39 |
| Sept. | 7 | 239.0 | 4.49 | 29 | 1 | 40.0 | 4.33 |
| Oct. | 3 | 70.0 | 4.46 | | | | |
| Nov. | -- | -- | -- | | | | |
| Dec. | 3 | 140.0 | 4.47 | | | | |
| Weekly averages | | | | | | | |
| 1964 - High | | | 4.53(5/8) | | | | |
| Low | | | 4.30(2/21) | | | | |

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.

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

(In millions of dollars)

| | New Capital | | | | | |
|----------------|-------------|---|--------|-------------------------------|----------|-------|
| | Corporate | | | State and Local ^{2/} | | |
| | 1965 | 1964 | 1963 | 1965 | 1964 | 1963 |
| January | e/800 | 930 | 613 | e/800 | p/ 947 | 732 |
| February | e/800 | 685 | 594 | e/700 | p/ 776 | 746 |
| March | | 754 | 1,144 | | p/ 810 | 976 |
| April | | 2,178 | 930 | | p/ 1,242 | 869 |
| May | | 1,069 | 904 | | p/ 667 | 866 |
| June | | 1,378 | 1,013 | | p/ 903 | 930 |
| July | | 780 | 676 | | p/ 906 | 680 |
| August | | 661 | 637 | | p/ 780 | 708 |
| September | | 1,035 | 795 | | p/ 892 | 449 |
| October | | p/ 951 | 1,013 | | e/ 850 | 1,051 |
| November | | p/ 649 | 819 | | e/ 550 | 729 |
| December | | e/ 1,550 | 1,415 | | e/ 950 | 416 |
| 1st quarter | | 2,369 | 2,351 | | p/ 2,533 | 2,454 |
| 2nd quarter | | 4,625 | 2,847 | | p/ 2,811 | 2,665 |
| 3rd quarter | | 2,476 | 2,109 | | p/ 2,578 | 1,837 |
| 4th quarter | | e/ 3,150 | 3,246 | | e/ 2,350 | 2,197 |
| 1st half | | 6,994 | 5,198 | | p/ 5,344 | 5,118 |
| Three quarters | | 9,470 | 7,307 | | p/ 7,922 | 6,955 |
| Year | | e/12, 620 | 10,553 | | e/10,272 | 9,151 |
| | | Excluding finance companies ^{3/} | | | | |
| 1st quarter | | 1,996 | 2,284 | | | |
| 2nd quarter | | 4,170 | 2,529 | | | |
| 3rd quarter | | 2,337 | 1,768 | | | |
| 4th quarter | | e/ 2,900 | 2,854 | | | |
| Year | | e/11,403 | 9,434 | | | |

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.

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 | Bonds | | Common and pfd. stock | Memo: Foreign issues included | Mfg. | Public Utility | Communi- cations | Other issuers |
| | | Publicly Offered | Privately Offered | | | | | | |
| 1962 - I | 2,345 | 1,114 | 724 | 508 | 70 | 649 | 429 | 456 | 694 |
| II | 3,317 | 1,386 | 1,289 | 642 | 251 | 996 | 984 | 228 | 848 |
| III | 2,167 | 852 | 1,006 | 308 | 55 | 566 | 376 | 274 | 685 |
| IV | 2,875 | 1,088 | 1,510 | 277 | 135 | 747 | 552 | 317 | 945 |
| 1963 - I | 2,700 | 1,108 | 1,306 | 287 | 128 | 947 | 326 | 236 | 842 |
| II | 3,634 | 1,389 | 1,820 | 424 | 434 | 591 | 794 | 221 | 1,241 |
| III | 2,436 | 898 | 1,251 | 287 | 109 | 806 | 285 | 150 | 868 |
| IV | 3,466 | 1,319 | 1,780 | 367 | 47 | 968 | 530 | 118 | 1,629 |
| 1964 - I | 2,499 | 978 | 1,221 | 300 | 29 | 418 | 438 | 273 | 1,240 |
| II | 4,851 | 1,321 | 1,640 | 1,890 | 105 | 723 | 856 | 1,663 | 1,383 |
| III | 2,728 | 792 | 1,442 | 494 | 85 | 547 | 642 | 59 | 1,229 |
| IV ^{e/} | 3,344 | 516 | 2,475 | 354 | n.a. | 1,060 | 510 | 113 | 1,467 |
| 1963 - Apr. | 1,049 | 380 | 452 | 217 | 56 | 148 | 341 | 71 | 369 |
| May | 1,340 | 550 | 694 | 95 | 182 | 216 | 222 | 92 | 373 |
| June | 1,246 | 459 | 675 | 113 | 196 | 227 | 230 | 58 | 499 |
| July | 810 | 279 | 431 | 100 | 46 | 297 | 107 | 86 | 187 |
| Aug. | 756 | 336 | 318 | 100 | 21 | 272 | 100 | 25 | 187 |
| Sept. | 871 | 283 | 501 | 87 | 42 | 237 | 78 | 39 | 441 |
| Oct. | 1,116 | 511 | 481 | 125 | 10 | 240 | 201 | 41 | 531 |
| Nov. | 891 | 183 | 549 | 159 | 10 | 214 | 131 | 13 | 461 |
| Dec. | 1,459 | 626 | 751 | 83 | 27 | 515 | 198 | 64 | 637 |
| 1964 - Jan. | 985 | 338 | 526 | 121 | 5 | 149 | 109 | 157 | 515 |
| Feb. | 710 | 279 | 342 | 88 | 16 | 123 | 155 | 83 | 324 |
| Mar. | 805 | 361 | 353 | 91 | 8 | 146 | 174 | 34 | 400 |
| Apr. | 2,234 | 383 | 480 | 1,372 | 34 | 186 | 151 | 1,377 | 463 |
| May | 1,155 | 470 | 537 | 148 | 36 | 206 | 441 | 27 | 395 |
| June | 1,461 | 468 | 623 | 370 | 35 | 332 | 264 | 258 | 525 |
| July | 869 | 234 | 411 | 225 | 21 | 149 | 207 | 23 | 401 |
| Aug. | 728 | 183 | 433 | 112 | 21 | 164 | 138 | 16 | 342 |
| Sept. | 1,130 | 375 | 598 | 156 | 44 | 234 | 296 | 19 | 486 |
| Oct. | 1,030 | 181 | 633 | 217 | 101 | 218 | 306 | 82 | 345 |
| Nov. ^{p/} | 724 | 30 | 642 | 52 | 21 | 192 | 34 | 11 | 412 |
| Dec. ^{e/} | 1,590 | 305 | 1,200 | 85 | n.a. | 650 | 170 | 20 | 710 |

^{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 & other transportation, real estate & finance, & commercial & other.

Source: Securities & Exchange Commission.

Other Security Offerings
(In millions of dollars)

| | Gross long-term 1 ^f | | | | | |
|-----------|--------------------------------|------|------|-------------------|-------|-------|
| | Foreign government 2/ | | | Federal agency 3/ | | |
| | 1964 | 1963 | 1962 | 1964 | 1963 | 1962 |
| January | 4 | 232 | 142 | -- | -- | 246 |
| February | 82 | 133 | 10 | -- | 148 | 156 |
| March | 69 | 76 | 35 | -- | -- | -- |
| April | 30 | 57 | 10 | -- | 186 | 461 |
| May | 75 | 114 | 86 | -- | -- | -- |
| June | 26 | 11 | 50 | 275 | 459 | -- |
| July | 20 | 63 | 25 | 260 | -- | -- |
| August | 13 | 83 | 8 | 160 | -- | 150 |
| September | 7 | -- | 31 | -- | -- | 175 |
| October | p/ 180 | -- | 151 | p/ 509 | 174 | -- |
| November | p/ 57 | -- | 88 | p/ -- | 200 | -- |
| December | e/ -- | 2 | 101 | e/ -- | -- | -- |
| Year | e/ 563 | 771 | 737 | e/ 1,204 | 1,167 | 1,188 |
| | New short-term 4/ | | | | | |
| | State and local government 5/ | | | Federal agency 3/ | | |
| | 1964 | 1963 | 1962 | 1964 | 1963 | 1962 |
| January | 103 | 75 | 18 | -78 | -106 | 247 |
| February | 236 | 272 | 466 | -336 | -189 | -156 |
| March | -407 | -367 | -186 | 23 | -482 | 226 |
| April | 442 | 589 | 127 | 97 | 292 | -364 |
| May | 81 | -30 | -84 | 183 | 195 | 82 |
| June | -80 | -10 | -118 | 239 | 319 | 284 |
| July | -9 | 62 | 78 | -333 | 414 | 261 |
| August | 127 | 208 | 339 | 167 | 327 | 227 |
| September | 176 | -173 | -406 | 1 | 258 | -157 |
| October | 7 | 259 | 71 | 525 | 123 | 379 |
| November | p/ -15 | 146 | 234 | 113 | -102 | 55 |
| December | n.a. | -339 | -161 | p/ -200 | 551 | -80 |
| Year | n.a. | 692 | 378 | p/ 401 | 1,600 | 1,004 |

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 & Exchange Commission. 3/ Issues not guaranteed by the U.S. Government. Source: Long-term, Securities & Exchange Commission; short-term, Treasury Dept. & Federal 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 maturing of one year or less. 5/ Principally tax and bond anticipation notes, warrants or certificates and Public Housing Authority notes. In some instances PHA notes included may have a somewhat longer maturity than 1 year. Source: Bond Buyer & Federal

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 | | |
| 1964 - Jan. | 307 | 225 | 60 | 22 | 577 | -- |
| Feb. | 263 | 200 | 35 | 28 | 358 | -- |
| Mar. | 335 | 296 | -- | 38 | 282 | 50 |
| Apr. | 1,557 | 235 | 51 | 1,271 | 698 | 20 |
| May | 452 | 415 | -- | 37 | 274 | 15 |
| June | 650 | 390 | -- | 260 | 284 | 275 |
| July | 291 | 178 | -- | 113 | 544 | 260 |
| Aug. | 142 | 125 | 17 | -- | 459 | 104 |
| Sept. | 376 | 269 | 25 | 81 | 558 | 15 |
| Oct. | 187 | 108 | -- | 79 | 419 | 502 |
| Nov. | -- | -- | -- | -- | 226 | 15 |
| Dec. | 230 | 200 | 30 | -- | 541 | -- |
| 1965 - Jan. | 130 | 115 | -- | 15 | 419 | 235 |

Large Individual Issues Offered During January

| Issuer | Type 3/ | Amount (millions of dollars) | Maturity | Coupon rate or net inter- est cost | Offer- ing yield | Rating |
|------------------------------------|---------------|---------------------------------------|----------|---|-------------------------|--------|
| <u>Corporate</u> | | | | | | |
| Times Mirror Co. | S.F. deb. | 40.0 | 1990 | 4-1/2 | 4.57 | A |
| United Calif. Bank | Cap. notes | 35.0 | 1990 | 4-1/2 | 4.52 | -- |
| Texas Lt & Pwr. Co. | Pfd. stk. | 15.0 | | | | |
| Conn. Yankee Atomic Pwr Co | 1st mtg. bds. | 40.0 | 1993 | 4-1/2 | 4.44 | A |
| <u>State and Local Govt.</u> | | | | | | |
| Los Angeles, Calif. | G.O. | 15.0 | 1966-85 | 2.99 | 2.20-3.05 | Aa |
| State of New Jersey | G.O. | 45.0 | 1968-88 | 2.90 | 2.35-2.95 | Aaa |
| Milwaukee, Wisc. | G.O. | 17.2 | 1966-85 | 2.89 | 2.10-2.95 ^{4/} | Aaa |
| Montgomery Co., Md. | G.O. | 10.0 | 1966-90 | 3.06 | 2.20-3.20 | A |
| Georgia Univ. System Bldg Auth. | Rev.-Rent. | 25.0 | 1966-90 | 3.14 | 2.20-3.20 | Aa |
| Oklahoma City, Okla. | G.O. | 17.5 | 1967-90 | 3.03 | 2.35-3.15 ^{5/} | A |
| El Paso, Texas | G.O. | 10.0 | 1965-90 | 3.13 | 2.20-3.20 ^{5/} | A |

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Large Individual Issues Offered During January (Cont'd)

| Issuer | Type <u>3/</u> | Amount (millions of dollars) | Maturity | Coupon rate or net inter- est cost | Offering yield | Rating |
|---------------------------------------|----------------|---------------------------------------|-----------|---|-------------------------|--------|
| <u>State and Local Govt. (Cont'd)</u> | | | | | | |
| New York City, New York | G.O. | 124.3 | 1966-95 | 3.12 | 2.25-3.45 | A |
| Columbus City Sch. Dist., Ohio | Rev.-Ut. | 12.7 | 1966-87 | 2.94 | 2.20-3.05 | Aa |
| Met. St. Lewis Sewer Dist., Mo. | Rev.-Ut. | 20.0 | 1966-85 | 2.95 | 2.15-3.00 | Aa |
| Port of New York Auth. | Rev.-Q.-Ut. | 25.0 | 1996 | 3.39 | 3.35 | A |
| Penna State Publ. Sch. Auth. | Rev.-Rent. | 13.2 | 1967-2004 | 3.30 | 2.30-3.40 ^{6/} | -- |
| Ala. State Highway Auth. | Rev.-Q.-Ut. | 15.0 | 1970-85 | 3.30 | 2.75-3.30 ^{7/} | A |
| Dallas, Texas | Rev.-Ut. | 15.0 | 1965-85 | 2.95 | 2.10-3.00 ^{7/} | Aa |
| Texas Wtr. Div. Bd. | Rev.-Ut. | 15.0 | 1967-96 | 3.03 | 2.25-3.10 | Aaa |
| Dayton City S.D., Ohio | G.O. | 15.3 | 1966-85 | 2.91 | 2.15-3.00 | Aa |
| Duval Co. Hosp. Auth., Fla. | Rev.-Rent | 13.0 | 1966-95 | 3.37 | 2.20-3.38 | A |
| <u>Other</u> | | | | | | |
| Int. Bank for Recon. & Dev. | Bonds | 200.0 | 1990 | 4-1/2 | 4.48 | Aa |
| Republic of the Philippines | Bonds | 15.0 | 1980 | 6-1/2 | 6.66 | -- |
| Republic of Portugal | Bonds | 20.0 | 1985 | 5-3/4 | 5.97 | -- |

*--Rights offering. n.a.--Not available.

1/ Includes corporate and other security offerings of \$15 million and over; State & local government 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 & local govt. securities, G.O. denotes general obligations; Rev.-Ut., revenue obligation secured only by income from public utilities; Rev.-Q.-Ut., revenue bonds secured only by revenue from quasi-utilities; Rev.-S.T., revenue bonds secured by revenue from specific taxes only; Rev.-Rent., revenue bonds secured solely by least payments.4/ 1/10 per cent bonds maturing 1989-90 not publicly reoffered.5/ Bonds maturing 1990 not publicly reoffered.6/ 3/4 per cent bonds maturing 2004 not publicly reoffered.7/ Bonds maturing 1985 not publicly reoffered.

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/ |
| 1964 - Jan. 31 | 155 | 316 | -- | 1,771 | 667 | -- |
| Feb. 28 | 224 | 454 | -- | 1,649 | 646 | -- |
| Mar. 31 | 1,587 | 669 | 25 | 1,837 | 953 | 25 |
| Apr. 30 | 651 | 345 | 15 | 844 | 575 | 15 |
| May 28 | 600 | 341 | -- | 668 | 598 | -- |
| June 30 | 292 | 539 | -- | 307 | 716 | -- |
| July 31 | 92 | 120 | -- | 167 | 588 | -- |
| Aug. 31 | 402 | 511 | 15 | 442 | 680 | 15 |
| Sept. 30 | 186 | 500 | -- | 186 | 626 | -- |
| Oct. 30 | -- | 254 | -- | -- | 549 | -- |
| Nov. 30 | 90 | 360 | 25 | 130 | 563 | 25 |
| Dec. 31 | 105 | 306 | 215 | 105 | 435 | 215 |
| 1965 - Jan. 29 | 169 | 242 | -- | 253 | 382 | -- |

Forthcoming Large Offerings as of January 29

| Issuer | Type | Amount (millions of dollars) | Approximate date of offering |
|---|----------------------|---------------------------------------|---------------------------------|
| Corporate | | | |
| Texas Elec. Service Co. | 1st mtg. bds. | 16.0 | Feb. 3 |
| Occidental Petroleum Corp. | Com stk. | 22.2 | Feb. 8 (rts. ex.) |
| Dan River Mills | Deb. | 20.0 | Feb. 9 |
| Southern Calif. Ed. Co. | 1st & ref. mtg. bds. | 60.0 | Feb. 10 |
| New England Elec. System | Com. stk. | 15.6 | Feb. 17 (rts. ex.) |
| *Gen. Tel. Co. of Calif. | 1st mtg. bds. | 35.0 | Feb. 26 |
| W. R. Grace Co. | Conv. sub. deb. | 84.0 | Mar. (rts. ex.) |
| State & Local Government | | | |
| Los Angeles Fld. Control Dist., Calif. | Rev. Q. Ut. | 15.0 | Feb. 2 |
| *Commonwealth of Puerto Rico | G.O. | 54.0 | Feb. 3 |

Forthcoming Large Offerings as of January 29

| Issuer | Type | Amount (millions of dollars) | Approximate date of offering |
|--|-------------|---------------------------------------|---------------------------------|
| <u>State & Local Government (Cont'd)</u> | | | |
| Palm Beach Co., Florida | G.O. | 26.8 | Feb. 3 |
| Va. State Highway Auth. | Rev. Q.Ut. | 31.0 | Feb. 3 |
| Phila. Sch. Dist., Pa. | G.O. | 16.0 | Feb. 9 |
| Wisc. State Agencies Bldg. Corp. | Rev.-Rent. | 35.3 | Feb. 17 |
| Los Angeles Dept. of Wtr. & Pwr., Cal. | Rev.-Ut. | 24.0 | Feb. 24 |
| *Lake Charles, Louisiana | G.O. | 12.7 | Feb. 24 |
| *St. Louis, Missouri | G.O. | 10.4 | Feb. 26 |
| Pittsburgh, Pa. | G.O. | 35.0 | Indefinite |
| Dade County, Fla. | G.O. | 46.0 | Indefinite |
| Fort Worth, Texas | G.O. | 14.1 | Indefinite |
| Florida Dev. Comm. | Rev.-S.T. | 33.8 | Indefinite |
| Los Angeles Harbor Dist., Calif. | Rev.-Q. Ut. | 11.0 | Indefinite |
| <u>Other</u> | | | |
| None | | | |

*--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 for Federal Agencies.

Note.--Deletions for reasons other than sale of issue: None.

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 Nov. 1 through January 29 | | |
| 11/25 | 15.0 | Republic of Finland--6% bonds maturing 1979--reoffered to yield 6.26%. |
| 12/15 | 25.0 | *European Investment Bank--5-1/2% bonds maturing in 1984, reoffered to yield 4.85% to investors in the U. S. and 5.54% to other investors. |
| 12/11 | 20.1 | Home Oil Co. Ltd.--5-1/8% convertible subordinate debenture maturing 1984, offered to stockholders of record November 19 to yield 5.13%. |
| 1/14 | 200.0 | International Bank for Reconstruction and Development--4-1/2% bonds, maturing 1990, reoffered to yield 4.48%. |
| 1/19 | 15.0 | Republic of the Philippines--6-1/2% bonds, maturing 1980, reoffered to yield 6.66%. |
| 1/25 | 20.0 | Republic of Portugal--5-3/4 bonds, maturing 1985, reoffered to yield 5.97%. |
| B. Prospective Offerings | | |
| None. | | |

* Difference in reoffering yields on bonds sold to U.S. citizens and those sold to foreign citizens reflects an upward adjustment of 8.83 per cent in the price paid by U. S. citizens. This premium was collected by the underwriters in accordance with the provisions of the new Interest Equalization Tax. This tax is collected--under a scale of rates which rises with maturity--when U. S. lenders buy new security offerings from borrowers in certain designated "developed" countries.

Part II: Private Placement--Reported Nov. 1 through January 29

| Date reported | Amount (millions of dollars) | Issuer and Description of Issue |
|---------------|------------------------------|--|
| 11/4 | 60.0 | City of Montreal--5% sinking fund debenture, maturing 2004--no information available on takedown. |
| 11/5 | 7.9 | Montreal Catholic School Comm.--5% sinking fund debenture, maturing 1989--no information available on takedown. |
| 11/11 | 25.0 | Toronto--Dominion Tower, Ltd.--4.85% first mortgage sinking fund bonds, maturing 1989--no information available on takedown. |
| 11/18 | 29.1 | Banco Nacional Hipotecario Urbano y de Obras Publicas, S.A.--promissary notes, maturing 1965-69--no information available on takedown. |
| 12/21 | 25.0 | Prince George Pulp & Paper Ltd.--1st mtg. sinking fund bonds, maturing 1985--no information available on takedown. |
| 1/11 | 25.0 | Alberta Municipal Financing Corp.--4-5/8% debentures, maturing 1989, priced to yield 4.65%--no information available on takedown. |
| 1/13 | 8.0 | Beneficial Finance Co. of Canada--senior notes maturing 1984--no information available on takedown. |
| 1/18 | 30.0 | Province of Nova Scotia--4-1/2% sinking fund debentures maturing 1989--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 this Exhibit and that shown in Exhibits I and J because the latter includes privately placed securities in the period in which funds are actually takedown 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 takedowns. Full or partial takedowns may take place both prior and subsequent to the data a placement is reported. **--Included in table for first time.