H. 13

285
February 8, 1967.

## 〔CAPITAL MARKET DEVELOPMENTS ABROAD

I. Japan
II. Nine Charts on Financial Markets Abroad
III. Latest Figures Plotted in H. 13 Chart Series

## I. Japan: Money and Capital Markets in December-January

1. Introduction. The announcement by the $U . S$ administration on January 25 that it would seek a doubling in the Interest Equalization Tax was greeted with a relatively mild reaction in Japan. The Japanese stock average fell only 15 points in contrast to the 123 point drop when the IET was announced four years earlier. Because of relatively high U. S. interest rates, Japan has not utilized the $\$ 100$ million exemption to which it is entitled under the $U$. $S$. program and at present it has no plans to issue Japanese government, or government guaranteed bonds, in the U. S.

Because of the recent easing in short-term money rates in the $U$. S., the Japanese may resume some of their short-term borrowing here. Since the highs cf 1965, the outstanding level of Japanese borrowing in the U. S. has declined about $\$ 635$ million. The latest trends are indicated in Table 1 below.

Table 1. Japan: Short- $\frac{\text { nd Long-term Borrowing in the U. S. }}{\text { (in }}$.

| Change during year |  |  | Change during period |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1962196319641965 |  |  | 1965 |  | 1966 |  |  |  |  |  |
|  |  |  | III | Iv | I | II | III | Sept. | Oct. | Nov. |
| 212 | 431 | 482-59 | -125 |  | 16 | - 49 | -248 | - 51 | - 87 P/ | 9P/ |
| 50 | 128 | $136-15$ | - 8 | - 26 | - 11 | - 28 | - 32 | - 19 | - $19 \mathrm{p} /$ | $-16^{p /}$ |
| $\overline{262}$ | 559 | 618-44 | -133 | - 30 | 5 | -77 | -280 | -70 | $-106^{\text {P/ }}$ | ${ }^{5} \mathrm{p} /$ |
| $\frac{141}{403}$ | $\frac{200}{759}$ | $\frac{0}{618}-\frac{63}{19}$ | $\frac{20}{-113}$ | $=-\frac{20}{10}$ | - 5 | - 0 | $\frac{0}{-280}$ | - $\quad 0$ | $\frac{0}{-106} \mathrm{p}$ / | - ${ }^{0} \mathrm{P}$ p/ |

I/ U. S. claims on Japan as reported by U. S. banks.
p/ Preliminary.
NOTE: See Tables 7 and 8 for adjustments to the figures on clalms that might affect the changes indicated here. Newly reported data added $\$ 150$ million to short-term claims in 1963, and $\$ 47$ million and $\${ }^{\prime}+5$ million to long-term claims in 1963 and 1964, respectively.

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International reserves tended to hover above the $\$ 2$ biliion mark d::ring 1966, although there was an overall decline of $\$ 33 \mathrm{million}$, from $\$ 2,107$ to $\$ 2,074$ million. In January. reserves fell $\$ 22$ million to $\$ 2,052$ million. The seasonally adjusted traje balance worsened in the third quarter as imports rose faster than exports. Ir the foreign exchange market the yen remained generally weak despite a moderate strengthening in December and the first week of January.

On the domestic side, money market conditions tended to tighten slightly as governmental net receipts remained high. Late in January the Bank of Japan authorized an increase in one of the cali loan money rates. Through November bank credit evpanded at a slightly faster rate than a year earlier, and the average bank lending rate declined slightly. The bond market remained generally buoyant and the Government canceled half of the 70 billion in national bonds scheduled for issue this March because of the rising volume of tax receipts. Stock prices improved in December-Janrary after reaching a low for the year on December 5. About one-half of the April-December loss was regained by early February.
2. Money marktt. Money market conditions tightened slightly in December as the contractionary rise in bank notes in circilation was less than completely offset by expanded Bank of Japan credit and heavy net payments by the Treasury. Bank notes in circulation rose $¥ 504$ billion in December, but expansionary factors totaled only $¥ 489$ billions as net Bank of Japan credit rose $¥ 317$ billion and Treasury made net payments of $¥ 172$ biliion. In Janaary, upward pressures on short-term money rates continued.
3. Interest rates. Money market conditions have tightened in recent months, mainly as a result of increased Treasury receipts. In recognition of this trend, which is likely to continue in February and March the Bank of Japan on January 25 approved an immediate increase in the maximum call loan rate for over-month-end money--the rate for call money repayable at a day's notice in the following month. The rate rose from 6.570 to 6.753 per cent on January 25 , the first change in the rates since October 1965 $\quad S_{\epsilon}=$ Table 2)

Table 2. Japan: Aver age Call_oan Money Rates in Tokyo
(in per cent per annum)

|  |  |  | Overnightl/ | Unconditional ${ }^{\text {2/ }}$ | Over-month-end ${ }^{\text {3/ }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1966 | November |  | 5.475 | 5.840 | 6.570 |
|  | December |  | 5.475 | 5,840 | 6.570 |
| 1967 | January | 7 | 5.475 | 5.840 | 6.570 |
|  |  | 14 | 5.475 | 5840 | 6.570 |
|  |  | 21 | 5.475 | 5.480 | 6.570 |
|  |  | 28 | 5.475 | 5.840 | 6.753 |

1/ For settlement on the following day.
2/ Repayable at a day's notice.
3/ Repayable at a day's notice in the following month.
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This change may possibly discourage purchases of national bonds to some extent, because commercial banks and other financial institutions have found it advantageous to borrow over-month-end call money at 6.7525 per cent ( 6.57 per cent plus call loan dealers' fee) and invest these funds in national bonds yielding 6.795 per cent. With the January 25 change, the cost will now be 6.935 per cent ( 6.7525 per cent plus call loan dealers' fee) which is higher than the yield on national bonds.
4. Bank loans and discounts. In recent months bank credit has been expanding at a slightly faster rate than a year earlier. In November, bank credit rose 1.8 per cent, or slightly more than the 1.6 per cent rate a year earlier. Loans and holdings of securities increased 1.2 and 3.8 per cent, respectively, as against a rise of 2.1 and 3.9 per cent a year earlier. Discounted bills were up 1.7 per cent in contrast with a decline of 1.1 per cent in November of 1965. Deposits rose 2.7 per cent, or moderately faster than the 2.4 per cent rate a year earliev.

Late in January the Bank of Japan took several steps to increase its flexibility in easing or tightening credit conditions. On the assumption that there is not too much danger of excessive business expansion in the near future, the Bank authorized the use of bank debentures in its open market operations, and also increased its self-imposed limits on the volume of credit that it can extend to city banks. More specifically, Rank of Japan regulations governing bond purchases from city banks with no repurchase agreements have been broadened to include bank debentures, in addition to the previously permitted governmentguaranteed bonds of special public corporations and long-term national bonds. Specific figures on the new loan limits for city banks were not released to the public.

Bank of Japan credit was heavily expansionary in December a primarily in order to offset the pressure on bank reserves resulting from a sharp rise in bank notes in circulation. (See Table 3). During both the third and fourth quarters of last year Bank of Japan credit was expansionary, mainly because of heavy security purchases in the third quarter and a substantial rise in loans in the fourth quarter.

Table 3. Japan: Changes in Bank of Japan Loans and Holdings of Securities (in billions of yen)

| Period | (1) | (2) | (3) |
| :---: | :---: | :---: | :---: |
|  |  |  | (1) $+(2)$ |
|  | Loans: Increase ( + ) | Net purchases ( + ) or | Net increase ( + ) |
|  | $\cdots$ - 0 - | sales (-) of securities | or decrease (-) |
| 1965 |  |  |  |
| I Quarter | +216.5 | $+1.0$ | +217.5 |
| II Quarter | - 14.4 | -109.6 | -124.0 |
| III Quarter | +133.1 | - 43.3 | + 89.8 |
| IV Quarter | -182.0 | -311.8 | -129.8 |

(1)
(2)

Net purchases (+) or sales (-) of securities

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Table 3 (cont.)


The average interest rate on commercial bank loans and discounts continued to decline slightly through November when it reached 7.39 per cent. The rate has thus declined for almost two years since December of 1964 when it was 7.99 per cent. This decline is slightly greater than the relatively sharp drop which occurred in the 18 -month period from June 1958 through November of 1959.

Effective January 1, three governmental banking corporations reduced their standard lending rates for long-term credits by 0.2 percentage points. These cuts have been undertaken as part of the Government's general policy of reducing long-term lending rates.
5. Bond market. The volume of new monthly bond issues generally rose during April-September, increasing from $¥ 207$ to $¥ 271$ billion. Most of the rise was accounted for by public corporate bonds and bank debentures. In September, new issues of bank debentures were $¥ 153$ billion, and new issues of public corporate bonds totaled $¥ 81$ billion. New issues of industrial debentures were $¥ 37$ billion. In October, total new issues fell to $¥ 240$ billion as the volume of issues for all categories declined. In November, new issues of bank debentures were $¥ 140$ billion, up $¥ 8$ billion from the previous month, and industrial bonds were $¥ 42$ billion, up $¥ 9$ billion. Data are not yet available on the volume of public corporate bond issues in November.

In November, yields on local gover ment securities, public corporation bonds, and short-term government securities remained at their 1964-65 levels of $7.354,7.053$ and 5.658 per cent, respectively. Yields on industrial bonds rose very slightly to 7.491 per cent in November. Bank debenture yields changed sharply in October. One-year bank debentures fell from 6.224 per cent in September to 6.022 in October and November. Long-term bank debentures dropped from 7.286 per cent to 7.185 per cent during the same period.

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Due to the rising volume of central government tax receipts, it will not be necessary for the Government to issue the previously scheduled amount of $¥ 70$ billion in national bonds in March, and the Ministry of Finance has accordingly reduced the issue to $¥ 35$ billion. This will bring the total amount of national bonds issued during fiscal 1966 (ends March 31, 1967) to $¥ 695$ billion, rather than $¥ 730$ billion as originally planned. The Government has also decided to issue $¥ 820$ billion in national bonds during fiscal 1967 on the same terms as during the current fiscal year, viz., 7-years, priced at $¥ 98.60$ per $¥ 100$ of face value, with a yield to subscribers of 6.795 per cent.
6. Stock market. Stock prices continued to ease during the last quarter of 1966 , and on December 5 a low for the year was reached when the DowJones average hit $¥ 1,364$. This represented a decline of 14 per cent from the year's high reached on April 1. The April peak, incidentally, was the highest level in three years.

During the rest of December and the first half of January, the stock average rose and regained 37 per cent of the April-December decline. On January 26 the average dropped 15 yen, partly in response to the U. S. Treasury's proposal to Congress to extend and double the Interest Equalization Tax. Four years earlier the averaged dropped 123 yen following the initial announcement of the IET. On February 6 the average was $¥ 1,482$, a high for the year and 5 per cent above the January 11 low.

Table 4. Japan: Dow Jones Average of 225 Stocks, First Section of Tokyo Exchange

| November |  | ¥1, 392 | January | 4 | ¥1,441 | 1966 | High | ¥1,589 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 9 | 1,424 |  | Low | 呈1,364 |
| December | 5 | 1,364 |  | 16 | 1,442 |  |  |  |
|  | 12 | 1,391 |  | 23 | 1,443 | 1967 | High | ¥1,482 |
|  | 19 | 1,394 |  | 30 | 1,458 |  | Low | ¥1,410 |
|  | 26 | 1,450 |  |  |  |  |  |  |
|  |  |  | February | 6 | 1,482 |  |  |  |

7. Forej.gn Trade. Although Japanese exports continued to rise late in 1966, imports rose even faster, causing a deficit on trade account in August, October and November. (See Table 5). Seasonally adjusted exports in the fourth quarter of last year were up 23 per cent in relation to the same period in 1965, but imports were up 25 per cent. In December, both exports and imports were down from the peaks reached in November.

Table 5. Japan: Seasonally Adjusted Foreign Trade, Monthly or Monthly Averagesa/

|  | 1965 |  | 1966 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | III | IV | I | II | III | IV | Aug. | Sept. | Oct. | Nov. | Dec. |
| Exports | 732 | 694 | 788 | 790 | 829 | $851 \frac{b}{\text { b/ }}$ | 792 | 844 | 822 | 872 | 859-b/ |
| Imports | 685 | 693 | 741 | 762 | 806 | 867 b/ | 817 | 831 | 853 | 915 | 833b/ |
| Balance | $+47$ | +1. | +47 | +28 | +23 | -16 b/ | $\overline{-25}$ | +13 | -31 | -43 | +26 ${ }^{\text {b }}$ |

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8. Foreign reserves and capital flows. International reserves rose $\$ 30$ million in December to $\$ 2,074$ million. For the year as a whole, reserves were down moderately to the extent of $\$ 33$ million. During January, reserves fell \$22 million to $\$ 2,052$ million.

On an exchange transactions basis, there was a very large surplus on current account in December due to the seasonally high receipts from exports. But the overall balance of payments surplus was only $\$ 30$ million because of a substantial outflow on capital account and a relatively large minus errors and omissions item. (See Table 6).

Table 6. Japan: Balance of Payments on an Exchange Transactions Basis
(in millions of dollars)

|  | 1965 |  |  |  | 1966 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | I | II | III | IV | I | II | III | IV | Oct. | Nov. | Dec. |
| Trade balance | 51 | 85 | 173 | 151 | 80 | 99 | 167 | 145 | 117 | 94 | 224 |
| Services balance | -44 | -58 | - 56 | $\begin{array}{r}151 \\ -\quad 54 \\ \hline\end{array}$ | -52 | -57 | -43 | - 47 | $\begin{array}{r}-\quad 44 \\ \hline\end{array}$ | -50 | - 47 |
| Current account | 7 | 27 | 117 | 97 | 28 | 42 | 124 | 98 | 73 | 44 | 177 |
| Net long-term capital receipts | 5 | -10 | - 24 | - 23 | -45 | -22 | - 33 | - 38 | - 29 | -34 | - 51 |
| Net short-term capital receipts | 11 | -44 | -80 | - 18 | 13 | $\underline{-18}$ | -104 | -18 | $\underline{-74}$ | 63 | - 42 |
| Net balance on capital account | 1.6 | -54 | -103 | - 41 | -32 | -40 | -138 | - 56 | -103 | 29 | - 93 |
| Errors \& omissions | - 6 | $-11$ | - 8 | - 10 | 4 | - 4 | - 6 | - 32 | $+5$ | -48 | - 54 |
| Overall balance of payments | 17 | -37 | 6 | 46 | 1 | - 2 | - 20 | 10 | - 25 | 25 | 30 |

NOTE: Quarterly data are monthly averages. Data may not add exactly because of rounding. These data also differ from those in the earlier table on foreign trade as these are on an exchange transactions, : : :her than customs, basis and are not seasonally adjusted.

Although the surpluses on current account were less in the fourth quarter of last year than in the third, the net capital outflow was also substantially less, with the result that international reserves rose moderately during the fourth quarter.

Japan continued to reduce the volume of its short-term borrowing in the U. S. through November. According to preliminary data, short-term claims on Japan as reported by U. S. banks fell $\$ 9$ million in November to $\$ 2,389$ million. (See Table 7). Japan has now reduced its short-term borrowing in the U. S. since a peak was reached in mid-1965 by about $\$ 500$ million.

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Table 7. $\frac{\text { Short-term Claims on Japan Reported by U. S. Banks }}{\text { (in millions of U. S. dollars) }}$
Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.

| 1961 | 875 | , | , | 1,159 | 1,196 | 1,272 | 1,341 | 1,335 | 1,288 | 1,281 | 1,292 | 1,528 $/$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1962 | 1,601 | 1,685 | 1,778 | 1,775 | 1,762 | 1,758 | 1,765 | 1,767 | 1,711 | 1,710 | 1,662 | 1,740 |
| 1963 | 1,697 | 1,691 | 1,751 | 1,876 | 1,898 | 1,872 | 1,877 | 1,798 | 1,890 | 1,904 | 2,017 | 2,171 |
| 1964 | 2,247 | 2,340 | 2,400 | 2,394 | 2,421 | 2,469 | 2,416 | 2,472 | 2,493 | 2,488 | 2,496 | 2,810 ${ }^{\text {b/ }}$ |
| 1965 | 2,742 | 2,746 | 2,861 | 2,833 | 2,834 | 2,880 | 2,831 | 2,830 | 2,755 | 2,656 ${ }_{\text {a }}$ | 2,683 | 2,768 |
| 1966 | 2,698 | 2,699 | 2,783 | 2,782 | 2,759 | 2,733 | 2,588 | 2,536 | 2,485 | 2,398 ${ }^{\text {a/ }}$ | 2,389 ${ }^{\text {a/ }}$ |  |

a/ Preliminary.
b/ Includes newly reported data totaling $\$ 52$ million in December 1961, $\$ 157$ million in December 1964 and $\$ 17$ million in December 1965.

Japan has also reduced its long-term borrowing, and in October and November of last year, long-term claims on Japan reported by U. S. banks fell \$19 and \$16 million, respectively, to $\$ 339$ million. (See Table 8). Since the record high of $\$ 483$ million in May of 1965 , these claims have been reduced by $\$ 144$ million.

Table 8. Long-term Claims on Japan Reported by li. S. Banks (in millions of U. S. dollars)

Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.

| 1961 | 19 | 19 | 18 | 19 | 18 | 19 | 20 | 19 | 25 | 23 | 25 | 24 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1962 | 24 | 25 | 31 | 28 | 29 | 49 | 50 | 54 | 54 | 62 | 69 | 74 |
| 1963 | 74 | 74 | 76 | 83 | 104 ${ }^{\text {b/ }}$ | 111 | 119 | 136 | 143 | 146 | 170 | $249 \mathrm{~b} /$ |
| 1964 | 280 | 295 | 311 | 319 | 323 | 325 | 329 | 332 | 351 | 352 | 269 | $430 \mathrm{~b} /$ |
| 1965 | 455 | 454 | 472 | 479 | 483 | 479 | 482 | 475 | 471 | 464 | 462 | 445 |
| 1966 | 438 | 441 | 434 | 430 | 425 | 406 | 403 | 393 | 374 | 355ª/ | 339a/ |  |



The ratio of international reserves to the note issue of the Bank of Japan fell to generally lower levels in October and November. (See Table 9). Due primarily to seasonal factors, the ratio declined further from 30.5 per cent in November to 25.6 per cent in December. This contrasts with a ratio of 29.6 per cent in December 1965.

Table 9. Japan: Ratio of Reserves to Bank Notes

| End of Period | International Reserves | Bank Notes Issued | Reserves/ <br> Bank Notes |
| :---: | :---: | :---: | :---: |
|  | (billions of yen) | (billions of yen) | (per cent) |
| 1959 | ¥520.9 | ¥1,029.4 | 50.6 |
| 1960 | 701.6 | 1,234.1 | 56.9 |
| 1961 | 599.8 | 1,480.1 | 40.5 |
| 1962 | 727.9 | 1,745.9 | 41.7 |
| 1963 | 740.9 | 2,057.4 | 36.0 |
| 1964 | 719.6 | 2,298.8 | 31.3 |
| 1965 | 785.5 | 2.563 .8 | 29.6 |
| $\underline{1966}$ |  |  |  |
| January | 749.5 | 2,200.5 | 34.1 |
| February | 759.2 | 2,251.1 | 33.7 |
| March | 759.2 | 2,280.4 | 33.3 |
| April | 755.3 | 2,312.9 | 32.7 |
| May | 754.6 | 2,227.5 | 33.9 |
| June | 757.4 | 2,368.2 | 32.0 |
| July | 739.4 | 2,397.7 | 30.8 |
| August | 742.7 | 2,324.6 | 31.9 |
| September | 735.8 | 2,326.7 | 31.6 |
| October | 726.8 | 2,370.4 | 30.7 |
| November | 735.9 | 2,409.2 | 30.5 |
| December | 746.6 | 2,913.5 | 25.6 |

With the decline in recent months in the interest rate on bankers' acceptances in the U. S., Japanese importers are again finding it more advantageous to finance their imports by means of U. S., rather than domestic, credits. One of the main rates for U. S. dollar import acceptance bills rose from 7.375 per cent at the end of 1965 to 8.25 per cent in October of last year. Since November of 1966 there have been four successive cuts in the bankers' acceptance rate, bringing the rate down to 7.625 per cent by January 19. As a result of these developments, it appears likely that the net outflow of shortterm capital from Japan, which was so common in 1966, may be reduced substantially, or even reversed this year.

In mid-January the Japanese Ministry of Finance announced that it is planning to import 10 tons of gold during the fiscal year beginning April 1 , 1967. Industrial demand for gold currently runs about 20 tons annually, but domestic production is only able to supply about 13 to 14 tons. These gold purchases will help meet industrial needs, and also reduce the recent stimulus to smuggling which had arisen as a result of the shortage.
9. Foreign exchange. During most of December and early January the yen strengthened moderately in the spot market from $¥ 362.60$ to $¥ 362.35$ to the dollar, but weakened in the second week of January. In the three-month forward market, the yen strengthened very slightly in mid-December, but otherwise
remained weak. As a result of these two developments, the premium on forward yen fell from 0.39 per cent in ea: 'y December to zero on January 7, but quickly returned to a slight premium in the second week of January.

Table 10. Japan: Bank of Tokyo's T.T. Exchange Rate for Customers in Tokyo (yen per U. S. dollar)


[^1]
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## NEW YORK, LONDON, MONTREAL:

YIELDS FOR U.S. DOLLAR INVESTORS ON 3-MONTH FUNDS
DOLLAR DEPOSIT RATES: NEW YORK-LONDON


FINANCE CO. PAPER RATES (covered): QUOTED IN NEW YORK


Charl 2
LONDON: YIELDS FOR U.S. DOLLAR INVESTORSON 3-MONTH FUNDS


HIRE PURCHASE AND LOCAL AUTHORITY DEPOSIT RATES (covered)


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Chort 3

## I INTEREST ARBITRAGE: FRANKFURT/LONDON, ZURICH/LONDON

FRANKFURT INTERBANK LOAN RATE VS. LONDONEURO.DOLLAR RATE ICOVEREDI



FAYOR EURORDOLLAR
ZURICH DEPOSIT RATEVS. LONDON EURO.DOLLAR RATE (COVEREDI



II PRICE OFGOLDIN LONDON


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Charl 4
INTEREST ARBITRAGE, UNITED STATES/CANADA
S-MONTH TREASURY BILL RATES



## Char 5

INTEREST ARBITRAGE, NEW YORK/LONDON


RATE DIFFERENTIAL AND 3-MONTH FORWARD STERLING



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## Charl 6

SHORT-TERM INTEREST RATES*



- 3-month treasury bill rates for all countries excepl lapan (Average rate on bank loans and discounisi), Switzerland ( 3 mon $h$ deposit rate) and Germony (Intorbank loan Rale)
F 3 monh rove to U. US doller doposin in in tondon

Char l 7.
LONG -TERM BOND YIELDS

*/Average of yields for four foreign government dollar bonds quoted in tendon.

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## Chart 8

## SPOT EXCHANGE RATES - MAJOR CURRENCIES AGAINST USS. DOLLAR





Chart 9
3-MONTH FORWARD EXCHANGE RATES
AGAINST U.S. DOLLARS - NEW YORK
GERMAN Giguroi


AGAINST POUND STERLING-LONDON


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(Chan 10 IOSTRIALSTOCK INDICES


* Swis: Bank Corporation industrial stock index.

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| :---: | :---: |
| Euro-\$ Deposit | 5.44 |
| V.8. certif. of deposit | 3. 18 |


[^0]:    a/ All figures a:e on a customs basis.
    b/ Preliminary.

[^1]:    Prepared by:
    Robert F. Emery,
    Asia, Africa and Latin America Section, Division of International Finance.

