## THIRD SCHEDULE.

## Computation of Premiums.

1. The amount of the premium payable on the conversion of any existing securities shall be equal to the product obtained by multiplying the following factors, namely :-
(a) The difference between one year's interest on the amount of principal secured by the existing securities at the rate payable thereon immediately before he date of conversion and one year's interest on the same amount at the rate payable on the new securities; and
(b) The appropriate factor specified in the Table of Factors hereinafter set out, according to the period between the date of conversion and the maturity date of the existing securities.
2. For the purpose of computing any such period as is mentioned in paragraph $(b)$ of the last preceding clause, any fraction of a half-year that is not less than three months shall be counted as a half-year, and any such fraction that is less than three months shall not be taken into account

Table of Factors.

| Period from Date of Conversion to Maturity Date of Existing Securities. | Factor. | Period from Date of Conversion to Maturity Date of Existing Securities. | Factor, |
| :---: | :---: | :---: | :---: |
| Years. |  | Years. | - |
| $\frac{1}{2}$ | $0 \cdot 488998$ | $19 \frac{1}{2}$ | $12 \cdot 891438$ |
| 1 | 0.967235 | - 20 | 13,096761 |
| $1 \frac{1}{2}$ | 1.434948 | $20 \frac{1}{2}$ | -13.297566 |
| 2 | $1 \cdot 892370$ | 21 | 13.493952 |
| $2 \frac{1}{2}$ | $2 \cdot 339726$ | $21 \frac{1}{2}$ | $13 \cdot 686017$ |
| 3 | 2-777238 | 22 | $13 \cdot 873855$ |
| $3 \frac{1}{2}$ | $3 \cdot 205123$ | $22 \frac{1}{2}$ | 14.057560 |
| 4 | 3.623592 | 23 | $14 \cdot 237222$ |
| $4 \frac{1}{2}$ | $4 \cdot 032853$ | $23 \frac{1}{2}$ | $14 \cdot 412931$ |
| 5 | 4.433108 | 24 | $14 \cdot 584774$ |
| $5 \frac{1}{2}$ | 4.824556 | $24 \frac{1}{2}$ | $14 \cdot 752835$ |
| 6 | $5 \cdot 207389$ | - 25 | $14 \cdot 917198$ |
| $6 \frac{1}{2}$ | 5.581799 | 251 | 15.077944 |
| 7 | $5 \cdot 947970$ | . 26 | $15 \cdot 235153$ |
| $7 \frac{1}{2}$ | $6 \cdot 306083$ | $26 \frac{1}{2}$ | 15.388903 |
| - 8 | $6 \cdot 656316$ | 27 | $15 \cdot 539270$ |
| 81 | $6 \cdot 998842$ | $27 \frac{1}{2}$ | 15.686327 |
| 9 | 7. 333831 | 28 | $15 \cdot 830149$ |
| -912 | $7 \cdot 661448$ | $28 \frac{1}{2}$ | $15 \cdot 970806$ |
| 10 | $7 \cdot 981856$ | 29 | 16.108367 |
| 101 | $8 \cdot 295214$ | 291 | $16 \cdot 242902$ |
| 11 | $8 \cdot 601676$ | 30 | $16 \cdot 374476$ |
| $11 \frac{1}{2}$ | $8 \cdot 901395$ | $30 \frac{1}{2}$ | $16 \cdot 503155$ |
| 12 | 9-194518 | 31 | 16.629003 |
| $12 \frac{1}{2}$ | $9 \cdot 481191$ | $31 \frac{1}{2}$ | 16.752081 |
| 13 | $9 \cdot 761556$ | 32 | $16 \cdot 872451$ |
| $13 \frac{1}{2}$ | 10.035752 | 32 $\frac{1}{2}$ | $16 \cdot 990172$ |
| 14 | $10 \cdot 303914$ | \% 33 | $17 \cdot 105303$ |
| 1412 | $10 \cdot 566175$ | $33 \frac{1}{2}$ | 17-217900 |
| 15 | 10.822665 | 34 | 17-328020 |
| $15 \frac{1}{2}$ | 11.073511 | $34 \frac{1}{2}$ | 17.435716 |
| 16 | 11-318837 | 35 | $17 \cdot 541042$ |
| $16 \frac{1}{2}$ | 11.558765 | $35 \frac{1}{2}$ | $17 \cdot 644051$ |
| - 17 | $11 \cdot 793413$ | 36 | -17.744793 |
| $17 \frac{1}{2}$ | $12 \cdot 022898$ | $36 \frac{1}{2}$ | $17 \cdot 843319$ |
| 18 | $12 \cdot 247333$ | 37 | . 17.939676 |
| - $18 \frac{1}{2}$ | $12 \cdot 466829$ | $37 \frac{1}{2}$ | $18 \cdot 033913$ |
| 19 | $12 \cdot 681496$ |  |  |

## Example of Working.

Conversion as from 15th December, 1933, of 6-per-cent. securities for $£ 100$, maturing 14th January, 1947, into $4 \frac{1}{4}$-per-cent. securities

Interest rate on existing securities (as reduced by Part I of the Act) is $4 \frac{4}{5}$ per cent, per annum.

$$
\begin{array}{ccccc}
\text { One year's interest on } £ 100 \text { at existing rate (44 per cent.) is } & & & £ \\
\text { One year's interest on } £ 100 \text { at new rate ( } 4 \frac{1}{4} \text { per cent.) is } & \ldots & \ldots & 4 \cdot 8 \\
\text { Difference is } & \ldots & \ldots & \ldots & \ldots
\end{array}
$$

Period from date of conversion ( 15 th December, 1933) to existing maturity date (14th January, 1947) is 13 years 30 days, counted as 13 years.

Factor for 13 years is $9 \cdot 761556$.
$£ 0.55$ multiplied by 9.761556 is $£ 5.3688558$, or $£ 57 \mathrm{~s}, 4 \mathrm{~d}$., which is the premium for $£ 100$ of the existing securities.

The premiums on other amounts of existing securities of the same class can be computed in the same way, or, alternatively, by ascertaining $5 \cdot 3688558$ per cent, of the amount of the principal in each case.
C. A. JEFFERY,
(T, 49/275/8.)
Clerk of the Executive Council;

