## Comptiation of Premitums.

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 the date of conversion and one year's interest on the same amount at the rate payable on the new secarities; 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. |  |  |
| , $\frac{1}{2}$ | $0 \cdot 488998$ | $19 \frac{1}{2}$. | 12.891438 | 1 |
| 1 | $0 \cdot 967235$ | 20 | $13 \cdot 096761$ |  |
| $1 \frac{1}{2}$ | 1.434948 | $20 \frac{1}{2}$ | $13 \cdot 297566$ |  |
| 2 | $1-892370$ | 21 | 13.493952 |  |
| $2 \frac{1}{2}$ | $2 \cdot 339726$ | $21 \frac{1}{2}$ | $13 \cdot 686017$ |  |
| 3 | $2 \cdot 777238$ | 22 | 13.873855 |  |
| $3 \frac{1}{2}$ | $3 \cdot 205123$ | $22 \frac{1}{2}$ | 14.057560 |  |
| 4 | 3-623592 | 23 | $14 \cdot 237222$ |  |
| $4 \frac{1}{2}$ | $4 \cdot 032853$ | 231 | 14.412931 |  |
| 5 | $4 \cdot 433108$ | 24 | 14-584774 |  |
| $5 \frac{1}{2}$ | $4 \cdot 824556$ | $24 \frac{1}{2}$ | 14.752835 |  |
| 6 | 5-207389 | 25 | 14.917198 |  |
| ${ }^{61}$ | 5.581799 | $25 \frac{1}{2}$ | 15.077944 |  |
| 7 | 5.947970 | 26 | 15.235153 |  |
| $7 \frac{1}{2}$ | . 6.306083 | $26 \frac{1}{2}$ | 15.388903 |  |
| 8 | $6 \cdot 656316$ | $27^{\circ}$ | 15.539270 |  |
| $8 \frac{1}{2}$ | 6.998842 | $27 \frac{1}{2}$ | 15.886327 |  |
| 9 | 7-333831 | 28 | 15:830149 |  |
| $9 \frac{1}{2}$ | $7 \cdot 661448$ | 281 | 15.970806 |  |
| 10 | 7.981856 | 29 | 16.108367 |  |
| 101 | $8 \cdot 295214$ | $29 \frac{1}{2}$ | 16.242902 |  |
| 11 | $8 \cdot 601676$ | 30 | 16.374476 |  |
| $11 \frac{1}{6}$ | $8 \cdot 901395$ | $30 \frac{1}{2}$ | 16.503155 |  |
| 12 | 9-194518 | 31 | 16.629003 |  |
| 121 | $9 \cdot 481191$ | $31 \frac{1}{2}$ | 16.752081 |  |
| 13 | $9 \cdot 761556$ | 32 | 16.872451 |  |
| 131 | 10.035752 | 321 | 16.990172 |  |
| 14 | 10-303914 | 33 | 17-105303 |  |
| $14 \frac{1}{2}$ | $10 \cdot 566175$ | $33 \frac{1}{2}$ | 17-217900 |  |
| 15 | 10.822665 | 34 | 17.328020 |  |
| $15 \frac{1}{2}$ | 11:073511 | $34 \frac{1}{2}$ | 17.435716 |  |
| 16 | 11.318837 | 35 | 17.541042. |  |
| 161 ${ }^{\frac{1}{2}}$ | 11.558765 | 351 | 17.644051 |  |
| 17 | 11.793413 | 36 | 17.744793 |  |
| $17 \frac{1}{8}$ | $12 \cdot 028898$ | $36 \frac{1}{2}$ | 17-843319 |  |
| 18 | 12:247333 | 37 | 17-939676 |  |
| $18 \frac{1}{2}$ | $12 \cdot 466829$ 12.681496 | $37 \frac{1}{2}$ | $18 \cdot 033913$ |  |
| $\therefore \because 18$ | 12.681496 | \&. $\cdot$. |  |  |

## 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.

One year's interest on $£ 100$ at existing rate ( $4 \frac{4}{5}$ per cent.) is
One year's interest on $£ 100$ at new rate ( $4 \frac{1}{4}$ per cent.) is


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

Factor for 13 years is 9.761556 .
£0.55 multiplied by 9.761556 is $£ 5 \cdot 3688558$, or $£ 57 \mathrm{~s}$. 4 d ., which is the premium for $£ 100$ of the existing securities.

The premiams 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.
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T. 49/368/3.)

Acting Clerk of the Executive Council.

