## THIRD SCHEDULE.

## COMPUTATION OF PREMIUMS.

- 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 the 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.	
1/2	0.488998	193	$12 \cdot 891438$
1	0.967235	20	$13 \cdot 096761$
$1\frac{1}{2}$	$1 \cdot 434948$	$20\frac{1}{2}$	$13 \cdot 297566$
2	1.892370	21	$13 \cdot 493952$
$2\frac{1}{2}$	$2\cdot 339726$	$21\frac{1}{2}$	13.686017
3	$2\cdot 777238$	22	$13 \cdot 873855$
$3\frac{1}{2}$	$3 \cdot 205123$	$22\frac{1}{2}$	$14 \cdot 057560$
4	$3 \cdot 623592$	23	$14 \cdot 237222$
$4\frac{1}{2}$	$4 \cdot 032853$	$23\frac{1}{2}$	$14 \cdot 412931$
5	$4 \cdot 433108$	24	$14 \cdot 584774$
$5\frac{1}{2}$	$4 \cdot 824556$	$24\frac{1}{2}$	$14 \cdot 752835$
6	$5 \cdot 207389$	25	$14 \cdot 917198$
$6\frac{1}{2}$	$5 \cdot 581799$	$25\frac{1}{2}$	$15 \cdot 077944$
7	$5 \cdot 947970$	26	$15 \cdot 235153$
$7\frac{1}{2}$	$6 \cdot 306083$	$26\frac{1}{2}$	$15 \cdot 388903$
8	$6 \cdot 656316$	27	$15 \cdot 539270$
$8\frac{1}{2}$	$6 \cdot 998842$	$27\frac{1}{2}$	$15 \cdot 686327$
9	$7 \cdot 333831$	28	15.830149
$9\frac{1}{2}$	$7 \cdot 661448$	$28\frac{1}{2}$	$15 \cdot 970806$
10	7.981856	29	$16 \cdot 108367$
$10\frac{1}{2}$	$8 \cdot 295214$	$29\frac{1}{2}$	$16 \cdot 242902$
11	8.601676	30	16.374476
$11\frac{1}{2}$	$8 \cdot 901395$	$30\frac{1}{2}$	16.503155
12	$9 \cdot 194518$	31	16.629003
121	$9 \cdot 481191$	$31\frac{1}{2}$	16.752081
13	9.761556	32	16.872451
$13\frac{1}{2}$	10.035752	$\frac{32\frac{1}{2}}{2}$	16.990172
14	10.303914	33	17 105303
$14\frac{1}{2}$	10.566175	$\frac{33\frac{1}{2}}{24}$	17.217900
15	10.822665 $11.073511$	34	17.328020
$\frac{15\frac{1}{2}}{16}$	11.318837	$\begin{array}{c} 34\frac{1}{2} \\ 35 \end{array}$	$17 \cdot 435716$ $17 \cdot 541042$
16 16 <del>1</del>	11.558765	35 35 <del>1</del>	
102	11 · 793413	35½ 36	17 · 644051 17 · 744793
17 171	12.022898		17 · 744 / 93
18	12.022898	$\begin{array}{c} 36\frac{1}{2} \\ 37 \end{array}$	17.843319
181	12 · 466829	37 <sub>1</sub>	18.033913
19	12.681496	37 <del>2</del>	10,099919

## Example of Working.

Conversion as from 15th December, 1933, of 6 per cent. securities for £100, maturing

14th January, 1947, into 4½ per cent. securities.

Interest rate on existing securities (as reduced by Part I of the Act) is 4½ per cent. per annum.

•	£
One year's interest on £100 at existing rate (44 per cent.) is	 4.8
One year's interest on £100 at new rate (41 per cent.) is	 $4 \cdot 25$
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Difference is .. £0.55

Period from date of conversion (15th December, 1933) to existing maturity date reriod from date of conversion (15th December, 1935) 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 £5.3688558, or £5 7s. 4d., 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 5.3688558 per cent. of the amount of the principal in each case.

F. D. THOMSON. Clerk of the Executive Council.

(T. 49/161/2.)