## 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 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	19½	$12 \cdot 891438$	
1	0.967235	20	$13 \cdot 096761$	
1,	$1 \cdot 434948$	201	$13 \cdot 297566$	
2	1.892370	21	$13 \cdot 493952$	
$2\frac{1}{6}$	$2\cdot 339726$	$21\frac{1}{2}$	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	14.584774	
$5\frac{1}{2}$	4 · 824556	$24\frac{1}{2}$	$14 \cdot 752835$	
6	$5 \cdot 207389$	25	$14 \cdot 917198$	
$6\frac{1}{2}$	$5 \cdot 581799$	$25\frac{1}{2}$	$15 \cdot 077944$	
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	15.539270	
81	$6 \cdot 998842$	$27\frac{1}{2}$	$15 \cdot 686327$	
9	$7 \cdot 333831$	28	15.830149	
91	$7 \cdot 661448$	$28\frac{1}{2}$	$15 \cdot 970806$	
10	$7 \cdot 981856$	29	16 · 108367	
$10\frac{1}{2}$	$8 \cdot 295214$	$29\frac{1}{2}$	$16 \cdot 242902$	
11	8.601676	30	16.374476	
111	8.901395	301	16.503155	
12	9 · 194518	31	16.629003	
121	9.481191	$31\frac{1}{2}$	16.752081	
13	9.761556	32	16 · 872451	
131	10.035752	$\frac{32\frac{1}{2}}{2}$	16.990172	
14	10.303914	33	17 105303	
$14\frac{1}{2}$	10.566175	$\frac{33\frac{1}{2}}{24}$	$17 \cdot 217900$ $17 \cdot 328020$	
15	10.822665 $11.073511$	34 34 <del>1</del>	17.435716	
$15\frac{1}{2}$	11.073511	34 <u>2</u> 35	17.435710	
16			17.644051	
16 <del>1</del> 17	11.558765 $11.793413$	$\begin{array}{c} 35\frac{1}{2} \\ 36 \end{array}$	17.744793	
	12.022898	361	17.843319	
17½ 18	12.022898	30½ 37	17.939676	
	12.466829	37 37 <del>1</del>	18.033913	
18½ 19	12.466829	912	10.000919	

## 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 (4½ per cent.) is One year's interest on £100 at new rate (4½ per cent.) is					 	$egin{array}{c} \pounds \\ 4\cdot 8 \\ 4\cdot 25 \end{array}$	
Difference is		••		••		£0·55	

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 £5.3688558, 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,

(T. 49/604.)

Clerk of the Executive Council.