## FOURTH 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	Factor.	Period from Date of Conversion to Maturity	Factor.	
Date of Existing Securities.		Date of Existing Securities.		
Years.		Years.		
1/2	0.488998	19½	$12 \cdot 891438$	
1	0.967235	20	13.096761	
11/2	$1 \cdot 434948$	$20\frac{1}{2}$	$13 \cdot 297566$	
2	$1 \cdot 892370$	21	$13 \cdot 493952$	
$2\frac{1}{2}$	$2\cdot 339726$	$21\frac{1}{2}$	$13 \cdot 686017$	
3	$2\cdot 777238$	22	13.873855	
3 <del>1</del>	$3 \cdot 205123$	$22\frac{1}{2}$	14.057560	
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 <del>1</del>	$4 \cdot 824556$	$24\frac{1}{2}$	$14 \cdot 752835$	
6	$5 \cdot 207389$	25	14.917198	
$6\frac{1}{2}$	$5 \cdot 581799$	$25\frac{1}{2}$	$15 \cdot 077944$	
7	$5 \cdot 947970$	26	$15 \cdot 235153$	
$7\frac{1}{2}$	$6 \cdot 306083$	$26\frac{1}{2}$	15.388903	
8	$6 \cdot 656316$	27	$15 \cdot 539270$	
$8\frac{1}{2}$	$6 \cdot 998842$	$27\frac{1}{2}$	15.686327	
9	$7 \cdot 333831$	28	15.830149	
$9\frac{1}{2}$	7.661448	$28\frac{1}{2}$	$15 \cdot 970806$	
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	
$11\frac{1}{2}$	8.901395	$30\frac{1}{2}$	16.503155	
12	$9 \cdot 194518$	31	16.629003	
$12\frac{1}{2}$	9.481191	31½	16.752081	
13	9.761556	32	16.872451	
$13\frac{1}{2}$	10.035752	$32\frac{1}{2}$	16.990172	
14	10.303914	33	17 105303	
$\frac{14\frac{1}{2}}{15}$	10.566175	$33\frac{1}{2}$	17.217900	
15	$10 \cdot 822665$ $11 \cdot 073511$	34	17·328020 17·435716	
151		$\frac{34\frac{1}{2}}{25}$		
16	$11 \cdot 318837$ $11 \cdot 558765$	35	17·541042 17·644051	
$\frac{16\frac{1}{2}}{17}$		$\frac{35\frac{1}{2}}{26}$	17.744793	
17	$11 \cdot 793413$ $12 \cdot 022898$	36	17.744793	
18	12.022898	$\begin{array}{c} 36\frac{1}{2} \\ 37 \end{array}$	17.939676	
	12.466829	371	18.033913	
$\frac{18\frac{1}{2}}{19}$	12.400829	313	10.099819	
19	17.001490			

## 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 4½ per cent. per annum.

<del>-</del> ·				£
One year's interest on £100 at	existing rate (44	per cent.) is	 	4.8
One year's interest on £100 at	new rate $(4\frac{1}{4} per$	cent.) is	 	$4 \cdot 25$
Difference is			 £	20.55

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.

A. W. MULLIGAN,

(T. 49/337/3.)

Acting Clerk of the Executive Council.