## 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 Date of Existing Securities.	Factor.	Period from Date of Conversion to Maturity Date of Existing Securities.	Factor.
Years.		Years.	
1/2	0.488998	191	$12 \cdot 891438$
12	0.967235	202	$13 \cdot 096761$
$1\frac{1}{2}$	1.434948	201	13 · 297566
2	1.892370	21	$13 \cdot 493952$
21	$2 \cdot 339726$	211	13.686017
3	$2 \cdot 777238$	22	$13 \cdot 873855$
31	$3 \cdot 205123$	221	14.057560
4	$3 \cdot 623592$	23	$14 \cdot 237222$
41/3	$4 \cdot 032853$	231	$14 \cdot 412931$
5	4.433108	24	14.584774
51	$4 \cdot 824556$	241	14.752835
6	$5 \cdot 207389$	25	14.917198
61/2	5.581799	$25\frac{1}{2}$	$15 \cdot 077944$
7	$5 \cdot 947970$	26	$15 \cdot 235153$
7.	$6 \cdot 306083$	$26\frac{1}{2}$	$15 \cdot 388903$
8	$6 \cdot 656316$	27	$15 \cdot 539270$
81	$6 \cdot 998842$	$27\frac{1}{2}$	$15 \cdot 686327$
9	$7 \cdot 333831$	28	15.830149
$9\frac{1}{2}$	$7 \cdot 661448$	$28\frac{1}{2}$	15.970806
10	$7 \cdot 981856$	29	$16 \cdot 108367$
101	$8 \cdot 295214$	$29\frac{1}{2}$	$16 \cdot 242902$
11	$8 \cdot 601676$	30	$16 \cdot 374476$
$11\frac{1}{2}$	$8 \cdot 901395$	$30\frac{1}{2}$	16.503155
12	$9 \cdot 194518$	31	$16 \cdot 629003$
$12\frac{1}{2}$	$9 \cdot 481191$	$31\frac{1}{2}$	$16 \cdot 752081$
13	$9 \cdot 761556$	32	$16 \cdot 872451$
$13\frac{1}{2}$	$10 \cdot 035752$	32½	16.990172
14	$10 \cdot 303914$	33	$17 \cdot 105303$
$14\frac{1}{2}$	$10 \cdot 566175$	$33\frac{1}{2}$	$17 \cdot 217900$
15	$10 \cdot 822665$	34	$17 \cdot 328020$
$15\frac{1}{2}$	11.073511	$34\frac{1}{2}$	$17 \cdot 435716$
16	$11 \cdot 318837$	35	17.541042
16½	11.558765	$35\frac{1}{2}$	17.644051
17	11.793413	36	$17 \cdot 744793$
$17\frac{1}{2}$	$12 \cdot 022898$	$36\frac{1}{2}$	17.843319
18	$12 \cdot 247333$	37	$17 \cdot 939676$
$18\frac{1}{2}$	$12 \cdot 466829$	$37\frac{1}{2}$	18.033913
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 41 per cent. securities.

Interest rate on existing securities (as reduced by Part I of the Act) is 45 per cent. per annum.

One year's interest on £100 at existing rate ( $4\frac{4}{5}$  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 ...

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.

(T. 49/415/4.)

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