

SCHEDULE 8

Schedule 2

FEES PAYABLE FOR THE SATELLITE (AIRCRAFT EARTH STATION), (EARTH STATION NETWORK), (EARTH STATION ON BOARD VESSEL), (PERMANENT EARTH STATION) AND (TRANSPORTABLE EARTH STATION) LICENCES

PART 1

FORMULA FOR CALCULATING THE APPROPRIATE SUM FOR THE SATELLITE (AIRCRAFT EARTH STATION), (EARTH STATION NETWORK) AND (EARTH STATION ON BOARD VESSEL) LICENCES

4. In this Part, “the appropriate sum” means the amount in pounds sterling, which is payable for a Satellite (Aircraft Earth Station), (Earth Station Network) and (Earth Station on board Vessel) Licence, calculated in accordance with the formula set out in paragraph 2.

5. The formula is—

$$AS = \sqrt{433.4 \times \sum_n (P_n \times BW_n \times MOD_n)}$$

where—

“AS” means the appropriate sum;

“n” means, subject to paragraph 3, the number corresponding to the number of earth station terminals licensed for each network;

“BW<sub>n</sub>” means the number corresponding to the number of aggregated accessible transmit bandwidth (in MHz) available to each earth station terminal as declared by the licensee on application for a licence;

“MOD<sub>n</sub>” means the Modifier Value of 0.5; and

“P<sub>n</sub>” means the number corresponding to the number of the Transmit Peak power (in Watts) appearing at the flange of the network terminal antennas as declared by the licensee on application for a licence.

6. Where the number of earth station terminals licensed in the network is less than 50, the number for “n” shall be 50 for each licence.

PART 2

FORMULA FOR CALCULATING THE APPROPRIATE SUM FOR THE SATELLITE (PERMANENT EARTH STATION) LICENCE

7. In this Part, subject to paragraph 3, “the appropriate sum” means the amount in pounds sterling, which is payable for a Satellite (Permanent Earth Station) Licence, calculated in accordance with the formula set out in paragraph 2.

8. The formula is—

*Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.*

$$AS = \sqrt{433.4 \times \sum_{ijk} (P_{ijk} \times BW_{ijk} \times MOD_{ijk})}$$

where—

“AS” means the appropriate sum;

“i” means the number corresponding to the number of earth station terminals on a site as declared by the licensee on application for a licence;

“j” means the number corresponding to the number of satellites as declared by the licensee on application for a licence;

“k” means the number corresponding to the number of transmission paths as declared by the licensee on application for a licence;

“BW<sub>ijk</sub>” means the number corresponding to number of the Transmit Authorised bandwidth (in MHz) as declared by the licensee on application for a licence;

“MOD<sub>ijk</sub>” means Modifier Value, being the number in Column 2 of the table set out in Part 3 as determined by the range of frequency (in MHz), if any, of the earth station set out in Column 1 of that table in which the licensee’s band falls as declared by the licensee on application for a licence; and

“P<sub>ijk</sub>” means the number corresponding to the number of the Transmit Peak power (in Watts) at the flange of the antenna of the earth station as declared by the licensee on application for a licence.

9. Where the amount in pounds sterling calculated in accordance with the formula set out in paragraph 2 is less than £500, the appropriate sum shall be £500.

### PART 3

#### MODIFIER VALUE FOR CALCULATING THE APPROPRIATE SUM FOR THE SATELLITE (PERMANENT EARTH STATION) LICENCE

<i>Column 1: Range of frequency band (fb)(in MHz)</i>	<i>Column 2: Modifier Value</i>
5850 ≤ fb < 7075	1
12500 ≤ fb < 12750	0.5
12750 ≤ fb < 13250	1
13750 ≤ fb < 14250	0.5
14250 ≤ fb < 14500	1
17300 ≤ fb < 17700	0.5
17700 ≤ fb < 29500	1
29500 ≤ fb < 30000	0.5

## PART 4

### FEE PAYABLE FOR THE SATELLITE (TRANSPORTABLE EARTH STATION) LICENCE

**10.** The appropriate sum is the amount in pounds sterling, which is payable for each earth station of a Satellite (Transportable Earth Station) Licence, specified in Column 2 of the table as determined by the range of  $p$  specified in Column 1 of the table in which the licensee's network falls.

**11.** In this Part—

- (a) “*OMP*” means the number corresponding to the number of the Operational Maximum Power (in Watts) as declared by the licensee on application for each earth station licence;
- (b) “ $p$ ” means the total sum of *OMP* multiplied by *WBW*; and
- (c) “*WBW*” means the number corresponding to the number of the widest bandwidth (in MHz) as declared by the licensee on application for a licence.

<i>Column 1: Range of <math>p</math></i>	<i>Column 2: Fee (£) per earth station</i>
$0 < p \leq 100$	200
$100 < p \leq 2,500$	1,000
$p > 2,500$	3,000