COMMISSION DECISION

of 16 September 1998

on a common technical regulation for low data rate land mobile satellite earth stations (LMES) operating in the 1,5/1,6 GHz frequency bands

(notified under document number C(1998) 2724)

(Text with EEA relevance)

(98/578/EC)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

Having regard to Directive 98/13/EC of the European Parliament and of the Council of 12 February 1998 relating to telecommunications terminal equipment and satellite earth station equipment, including the mutual recognition of their conformity [1], and in particular Article 7(2), second indent, thereof,

Whereas the Commission has adopted the measure identifying the type of satellite earth station equipment for which a common technical regulation is required, as well as the associated scope statement according to Article 7(2), first indent;

Whereas the corresponding harmonised standards, or parts thereof, implementing the essential requirements which are to be transformed into common technical regulations should be adopted;

Whereas in order to ensure continuity of access to markets for manufacturers, it is necessary to allow for transitional arrangements regarding equipment approved according to national type-approval regulations;

Whereas the proposal has been submitted to the Committee (ACTE), according to Article 29(2);

Whereas the common technical regulation to be adopted in this Decision is in accordance with the opinion of ACTE,

HAS ADOPTED THIS DECISION:

Article 1

1. This Decision shall apply to satellite earth station equipment falling within the scope of the harmonised standard identified in Article 2(1).

2. This Decision establishes a common technical regulation covering the low data rate land mobile satellite earth stations (LMES) operating in the 1,5/1,6 GHz frequency bands.

Article 2

1. The common technical regulation shall include the harmonised standard prepared by the relevant standardisation body implementing to the extent applicable the essential requirements referred to in Article 17 of Directive 98/13/EC. The reference to the standard is set out in Annex I.

2. Satellite earth station equipment covered by this Decision shall comply with the common technical regulation referred to in paragraph 1, shall meet the essential requirements referred to in Article 5(a) and (b) of Directive 98/13/EC, and shall meet the requirements of any other applicable Directives, in particular Council Directives 73/23/EEC [2] and 89/336/EEC [3].

3. Annex II, Table A, states the limits of unwanted emissions above 1 000 MHz and outside the bands 1 626,5 MHz to 1 645,5 MHz and 1 656,6 MHz to 1 660,5 MHz applicable before 1 June 2002. Annex II, Table B, states such limits applicable from 1 June 2002.

Article 3

Notified bodies designated for carrying out the procedures referred to in Article 10 of Directive 98/13/EC shall, as regards satellite earth station equipment covered by Article 1(1) of this Decision, use or ensure the use of the harmonised standard referred to in the Annex after the notification of this Decision.

[1] OJ L 74, 12. 3. 1998, p. 1.

[2] OJ L 77, 26. 3. 1973, p. 29.

[3] OJ L 139, 23. 5. 1989, p. 19.

Article 4

1. National type-approval regulations covering equipment within the scope of the harmonised standard referred to in the Annex cease to be applicable with effect from three months after the date of adoption of this Decision.

2. Satellite earth station equipment, approved under such national type-approval regulations may continue to be placed on the national market and put into service.

Article 5

This Decision is addressed to the Member States.

Done at Brussels, 16 September 1998.

For the Commission
Martin BANGEMANN
Member of the Commission

ANNEX I

Reference to the harmonised standard applicable

The harmonised standard referred to in Article 2 of the Decision is

Satellite earth stations and systems (SES);
Low data rate land mobile satellite earth stations (LMES) operating in the 1,5/1,6 GHz frequency bands

ETSI

European Telecommunications Standards Institute

ETSI Secretariat

TBR26: May 1998

(excluding the foreword)

Additional information

The European Telecommunications Standards Institute is recognised according to Council Directive 83/189/EEC [1].

The harmonised standard referred to above has been produced according to a mandate issued in accordance with relevant procedures of Council Directive 83/189/EEC.

The full text of the harmonised standard referred to above can be obtained from:

European Telecommunications Standards Institute
650 route des Lucioles
F-06921 Sophia Antipolis Cedex

European Commission,
DG XIII/A/2 — (BU 31, 1/7),
Rue de la Loi/Wetstraat 200,
B-1049 Brussels

or from any other organisation responsible for making ETSI standards available, of which a list can be found on the Internet under address www.ispo.cec.be.

[1] OJ L 109, 26. 4. 1983, p. 8.

ANNEX II

TABLE A

Limits of unwanted emissions above 1 000 MHz and outside the bands 1 626,5 MHz to 1 645,5 MHz and 1 656,6 MHz to 1 660,5 MHz applicable before 1 June 2002

Frequency range (MHz)	Carrier-on		Carrier-off	
	EIRP limit (dBpW)	Measurement bandwidth (kHz)	EIRP limit (dBpW)	Measurement bandwidth (kHz)
1 000 to 1 525	49	100	48	100
1 525 to 1 559	49	100	17	3
1 559 to 1 600	49	100	48	100
1 600 to 1 626	74	100	48	100
1 626 to 1 626,5	84	3	48	100
1 645,5 to 1 645,6	104	3	57	3
1 645,6 to 1 646,1	84	3	57	3
1 646,1 to 1 655,9	74	3	57	3
1 655,9 to 1 656,4	84	3	57	3
1 656,4 to 1 656,5	104	3	57	3
1 660,5 to 1 661	84	3	48	100
1 661 to 1 690	74	100	48	100
1 690 to 3 400	49 (note 2)	100	48	100
3 400 to 10 700	55 (note 3)	100	48	100
10 700 to 21 200	61	100	54	100
21 200 to 40 000	67	100	60	100

Note 1 The lower limits shall apply at the transition frequencies.

Note 2 In the band 3 253,0 MHz to 3 321,0 MHz the maximum EIRP in one, and only one, 100 kHz measurement bandwidth shall not exceed 82 dBpW. Elsewhere in this band the power limit in this table shall be applied.

Note 3 In each of the bands 4 879,5 MHz to 4 981,5 MHz, 6 506,0 MHz to 6 642,0 MHz and 8 132,5 MHz to 8 302,5 MHz the maximum EIRP in one, and only one, 100 kHz measurement bandwidth shall not exceed 72 dBpW. In the band 9 759,0 MHz to 9 963,0 MHz the maximum power in one, and only one, 100 kHz measurement bandwidth shall not exceed 61 dBpW. Elsewhere in this band the power limit in this table shall be applied.

TABLE B

Limits of unwanted emissions above 1 000 MHz and outside the bands 1 626,5 MHz to 1 645,5 MHz and 1 656,6 MHz to 1 660,5 MHz applicable from 1 June 2002

Frequency range (MHz)	Carrier-on		Carrier-off	
	EIRP limit (dBpW)	Measurement bandwidth (kHz)	EIRP limit (dBpW)	Measurement bandwidth (kHz)
1 000 to 1 525	49	100	48	100
1 525 to 1 559	49	100	17	3
1 559,0 to 1 580,42	50	1 000	50	1 000
1 580,42 to 1 605,0	50	1 000	50	1 000
1 605,0 to 1 610,0	(note 4)	100	(note 5)	100
1 610 to 1 626,0	74	100	48	100
1 626 to 1 626,5	84	3	48	100
1 645,5 to 1 645,6	104	3	57	3
1 645,6 to 1 646,1	84	3	57	3
1 646,1 to 1 655,9	74	3	57	3
1 655,9 to 1 656,4	84	3	57	3
1 656,4 to 1 656,5	104	3	57	3
1 660,5 to 1 661	84	3	48	100
1 661 to 1 690	74	100	48	100
1 690 to 3 400	49 (note 2)	100	48	100
3 400 to 10 700	55 (note 3)	100	48	100
10 700 to 21 200	61	100	54	100
21 200 to 40 000	67	100	60	100

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Note 4 Linearly interpolated from 40 dBpW in 100 kHz at 1 605,0 MHz to 74 dBpW in 100 kHz at 1 610,0 MHz.

Note 5 Linearly interpolated from 40 dBpW in 100 kHz at 1 605,0 MHz to 48 dBpW in 100 kHz at 1 610,0 MHz.