

Recommendation T/R 21-11 E (Bonn 1993, revised in Montreux 1993)

**INMARSAT-M LAND MOBILE-SATELLITE SERVICE TERMINALS IN EUROPE
relating to type approval, marking and free circulation and use of Inmarsat-M terminals
in CEPT countries**

Recommendation proposed by the Working Group "Radio Regulatory" (RR)

Text of the Recommendation adopted by the "European Radiocommunications Committee (ERC):

INTRODUCTION

The Inmarsat-M system provides voice, data, and facsimile service for connection to the PSTN. The Land Mobile Earth Stations (LMESs) support the land mobile and land transportable market needs for communications. The Inmarsat-M system is based on the use of digital modulation schemes and digital voice coding. The channel format is designed to improve resilience to short signal blockages and to assist rapid acquisition after long blockages encountered by mobile terminals.

Inmarsat-M is intended to be used in a land mobile environment. In order to enable the deployment of Inmarsat-M the terminals should be allowed free circulation and use on the following conditions.

The LMES equipment shall meet the Inmarsat-M System Definition Manual (SDM) pending the development of a relevant ETS by ETSI (European Telecommunication Standards Institute). The LMES equipment shall bear a visible and indelible identifying mark with the Inmarsat logo and type testing, certificate number as outlined in this Recommendation. After adoption of an ETS and implementation by the CEPT Administrations the type approval and marking procedures of the Recommendation T/R 71-03 E are applicable.

“The European Conference of Postal and Telecommunications Administrations,

considering

- a) that Inmarsat-M Service as a Land Mobile Satellite Service (LMSS) will be introduced,
- b) that for the LMSS the 1.5/1.6 GHz frequency bands have to be used in accordance with the allocation in Article 8 and in accordance with 726B of the Radio Regulations (RR),
- c) that the Inmarsat-M system provides interconnection with the public telecommunication network,
- d) that it will be desirable for CEPT member countries to have common regulations at their disposal, concerning the type approval, the marking, the free circulation and use of Inmarsat-M LMSS terminals,
- e) that Inmarsat-M LMSS terminals will be required to meet the standards of technical performance as described in Module 2, Part 1 of the Inmarsat-M System Definition Manual (SDM) November, 1991 pending the development of a relevant ETS,

recommends

1. that CEPT member Administrations will accept the Inmarsat type-testing of Inmarsat-M LMSS terminals as described in Module 2, Part 1 of the Inmarsat-M System Definition Manual (SDM) and will accept this until end 1995 as a basis for interim type approval,

2. that the CEPT member Administrations shall not require an individual licence for the use of Inmarsat-M LMSS terminals,
3. that all CEPT member Administrations permit the free circulation and use of Inmarsat-M LMSS terminals pending the developing of an ETS by ETSI provided that the terminal has been approved in accordance with Recommends 1 and bearing a mark in conformity with the conditions set out in Annex 1 of this Recommendation.”

Annex I

**CONDITIONS FOR MARKING OF INMARSAT-M LMSS TERMINALS COVERED BY
THIS RECOMMENDATION**

The marking shall be an easily visible and indelible identifiable mark, placed on the terminals carrying the INMARSAT logo followed by the INMARSAT type testing certificate number in the following form:

[INMARSAT-M/LM/.....]