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WARC - 92

RESOLUTION COM4/4

**Implementation of Future Public Land Mobile
Telecommunication Systems (FPLMTS)**

The World Administrative Radio Conference for Dealing with Frequency Allocations in Certain Parts of the Spectrum (Malaga-Torremolinos, 1992).

considering

- a) that the CCIR has recommended the 1 - 3 GHz band as the most suitable for FPLMTS;
- b) that the CCIR has recommended approximately 60 MHz for use by personal stations and approximately 170 MHz for use by mobile stations;
- c) that the CCIR has recognized that space techniques are an integral part of FPLMTS;
- d) that, in No. 746A* of the Radio Regulations, this Conference has identified bands to accommodate this future service;

considering further

- e) that the CCIR has not completed its studies regarding duplexing methods, modulation techniques, channelling arrangements, signalling or communication protocols;
- f) that no worldwide numbering plan currently exists that would facilitate worldwide roaming;

noting

- a) that the initial implementation of the terrestrial components of FPLMTS is expected to commence by the year 2000;
- b) that the implementation of the satellite component of FPLMTS in the bands 1 980 - 2 010 MHz and 2 170 - 2 200 MHz is expected to be necessary by the year 2010;

invites administrations

to give due consideration to the accommodation of other services currently operating in these bands when implementing FPLMTS;

invites the CCIR

to continue its studies with a view to developing suitable and acceptable technical characteristics for FPLMTS that will facilitate worldwide use and roaming, and ensure that FPLMTS can also meet the telecommunication needs of the developing countries and rural areas;

invites the CCITT

- a) to complete its studies of signalling and communication protocols;
- b) to develop a common worldwide numbering plan and associated network capabilities that will facilitate worldwide roaming;

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resolves

that administrations which implement FPLMTS:

- a) should make the necessary frequencies available for system development;
- b) should use those frequencies when FPLMTS are implemented;
- c) should use the relevant international technical characteristics, as identified by the Recommendations of the CCIR and CCITT.

ADD

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746A

The frequency bands 1 885 - 2 025 MHz and 2 110 - 2 200 MHz are intended for use, on a worldwide basis, by administrations wishing to implement the future public land mobile telecommunication systems (FPLMTS). Such use does not preclude the use of these bands by other services to which these bands are allocated.

The frequency bands should be made available for FPLMTS in accordance with Resolution COM4/4.

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