

EUROPEAN COMMON PROPOSALS

PART 4

Agenda Item 1.4 Use of the band 5091-5150 MHz by the FSS

Proposals

ARTICLE 5

MOD EUR/1.4/1

5.444 The band 5 030-5 150 MHz is to be used for the operation of the international standard system (microwave landing system) for precision approach and landing. The requirements of this system shall take precedence over other uses of this band. For the use of this band, No. **5.444A** applies.

MOD EUR/1.4/2

5.444A *Additional allocation:* the band 5 091-5 150 MHz is also allocated to the fixed-satellite service (Earth-to-space) on a primary basis. This allocation is limited to feeder links of non-geostationary mobile-satellite systems and is subject to coordination under No. **9.11A**.

In the band 5 091-5 150 MHz, the following conditions also apply:

- prior to 1 January 2012, the requirements of existing and planned international standard systems for the aeronautical radionavigation service which cannot be met in the 5 000-5 091 MHz band, shall take precedence over other uses of this band;
- after 1 January 2008, no new assignments shall be made to stations providing feeder links of non-geostationary mobile-satellite systems;
- after 1 January 2018, the fixed-satellite service will become secondary to the aeronautical radionavigation service.

SUP EUR/1.4/3

RESOLUTION 114 (WRC-95)

**Use of the Band 5 091 - 5 150 MHz by the Fixed-Satellite Service (Earth-to-Space)
(Limited to Feeder Links of the Non-Geostationary Mobile-Satellite Service)**

Reason:

Due to the uncertainty as to whether RNSS can provide a future low visibility landing system, the current situation of MLS development seems not to have moved since 1995, date of resolution 114, and no further development of MLS is confirmed by ICAO. The CPM text states that “the current radio regulation mechanism, with an extension of the date 2010 to 2018, would meet the current aviation requirements”. At least one NGSO MSS system has feeder links operating in the band 5091-5250 MHz under the FSS frequency allocation, and this system will continue to operate in the foreseen future with the proposed initial implementation hardware/software;