

**WORLD METEOROLOGICAL
ORGANIZATION**

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**COMMISSION FOR BASIC SYSTEMS
STEERING GROUP ON RADIO FREQUENCY
COORDINATION**

ITEM X.X

GENEVA, 5-8 FEBURARY 2002

ENGLISH only

**PROPOSED DRAFT LIASON STATEMENT TO
WORKING PARTIES 8D, 7D AND 7E**

**Comments to Working Party 7E's review of proposed preliminary elements
for the CPM report prepared by Working Party 8D regarding
sharing between the MetAids and MetSat services and the
Mobile-Satellite Service in the band 1670-1690 MHz
(submitted by Japan Meteorological Agency (JMA))**

Summary and Purpose of Document

This document is the Japanese contribution for submission to the Working Party 7C. Japan proposes that WP7C should provide a liason statement to Working Parties 8D, 7D and 7E. The content of the statement is follows:

Working party 7C considers the Working Party 7E's review of proposed preliminary elements for the CPM report prepared by Working Party 8D regarding sharing between the MetAids and MetSat services and the Mobile-Satellite Service in the band 1670-1690 MHz.

Working Party 7C suggests that it will be necessary for Working Party 8D to study the influence from MSS to RAS in the band 1660-1670 MHz, and informs that Working Parties 7D and 7E are invited to notice the suggestion from Working Party 7C to Working Party 8D.

Action Proposed

This document is for information to the SG-RFC.



Source: Document 7E/TEMP/18

Japan

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WORKING PARTIES 8D, 7D AND 7E**

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for the CPM report prepared by Working Party 8D regarding
sharing between the MetAids and MetSat services and the
Mobile-Satellite Service in the band 1670-1690 MHz**

(WRC-03 Agenda Item 1.31 - Resolution 227)

Working Party 7C considered the liaison statement from Working Party 7E to Working Party 8D, 7C and 7D concerning review of proposed preliminary elements for the CPM report prepared by Working Party 8D regarding sharing between the meteorological aids (MetAids) and the meteorological satellite (MetSat) services and the mobile-satellite service (MSS) in the band 1670-1690MHz.

Working Party 7C thanks Working Party 7E for the information provided by the Working Party 7E regarding sharing between MetAids and MetSat and MSS in the band 1670-1675 MHz .

In accordance with Resolution 227 (WRC-2000), Working Party 7C has continued to study on the sharing for MSS (Earth-to-space) and the possible additional allocation in the 1-3GHz range including 1683-1690MHz, under cooperation with related working parties.

Working Party 7C notices the following matters concerning sharing between MetSat and MSS,

- (1) Sharing between MSS and MetSat in the band 1683-1690MHz would be extremely difficult in most of the world, in particular Region 2 and 3 because of increasing number of GVAR and S-VISSR receiving stations.
- (2) Sharing possibilities exist in the sub-band 1670-1675MHz as an alternative band for MSS allocation, when exclusion zones are ensured around the main MetSat Earth stations.

On the other hand , Working Party 7E suggests that with respect to the possible alternative MSS allocation in the band 1670-1675MHz, Working Party 8D should notice the frequency range 1660-1670MHz is allocated to the radio astronomy service (RAS) on a primary basis worldwide and that it is necessary to provide results of the compatibility studies between MSS and RAS to Working Party 7D for its review.

Therefore, Working Party 7C considers the suggestion (Document 7C/129-E) from Working Party 7E, and suggests that it is necessary for Working Party 8D to study the following items.

- (3) Influence from MSS to the existing service (RAS) in the band 1660-1670MHz.
- (4) Avoidance of interference from adjacent frequency band.
- (5) Compatibility studies between MSS in the band 1670-1675MHz and RAS in the band 1660-1670MHz.

And Working Parties 7D and 7E are kindly invited to note the above-mentioned suggestion from Working Party 7C.

Working Party 7C hopes that the results of these studies will be not only provided to Working Party 7C, 7D and 7E but also reflected within Section 2.8.2.1 of CPM report by Working Party 8D.