

CGMS-XXIX USA-WP-22  
Prepared by USA  
Agenda Item: I.1  
To be discussed in WG I

## **STATUS AND FUTURE PLANS OF GVAR AND S-VISSR STATIONS**

This document is the USA response to Action 28.15.

## **STATUS AND FUTURE PLANS OF GVAR AND S-VISSR STATIONS**

### **1 Introduction**

Resolution 227 (WRC-2000) requests that the technical and operational studies on the feasibility of sharing between MSS and MetSat in the band 1683–1690 MHz be completed. Previous studies concluded that “sharing between MetSat and MSS in the band 1675–1690 MHz is feasible if appropriate separation distances are maintained”. This request is an opportunity to revisit criteria for sharing and coordination with a view to an outcome possibly more favourable to MetSat stations (e.g. increased separation distances), taking due account of GVAR and S-VISSR stations that were not fully recognised in the current recommendation ITU-R SA.1158-2.

Resolution 227 (WRC-2000) also requests to assess, with the participation of WMO, the current and future spectrum requirements (of the MetAids service, taking into account improved characteristics, and) of the MetSat service in the band 1683–1690 MHz, taking into account future developments. The Resolution notes “that sharing between MetSat and MSS may not be feasible in those countries where a large number of MetSat stations are deployed”. In this regard, CGMS Members shall provide to ITU-R Working Party 7C all the relevant information on the current status and future plans of MetSat receiving stations in all countries, in particular with respect to GVAR and S-VISSR stations.

### **2. US Response and Recommendations**

Action 28.15: (Deadline: 31/03/01) Provide ITU (ITU-R WP7C) all relevant information on the current status and future plans of GVAR and S-VISSR stations.

Since there were three papers (see next page) submitted to the last WP 7C meeting, coming from EUMETSAT and NOAA, the USA believes this action is closed. On the other hand, NOAA is still trying to augment the existing list of GVAR stations. So one could say that the process is ongoing. Also, the USA does not know of any list for the S-VISSR stations. Can we expect JMA to provide such a list? The USA does not think that JMA participates in the ITU-R process. Perhaps NASDA could represent JMA's interest at the ITU-R.

**Documents submitted at the ITU-WP7C**

**Australia**

Sharing Analysis in the 1 683-1 690 MHZ Frequency Band between S-VISSR Geostationary Meteorological Satellite Earth Stations in the Meteorological Satellite Service and Mobile Satellite Earth Stations in the Mobile Satellite Service invoking ITU Radio Regulations Appendix S7

**United States of America**

**WORKING DOCUMENT**

ANALYSIS OF POSSIBLE SHARING OF THE BAND 1 683-1 690 MHZ BETWEEN METEOROLOGICAL SATELLITE (GVAR) GROUND STATIONS AND MOBILE STATIONS OPERATING IN THE MOBILE-SATELLITE SERVICE (GSO) IN THE UNITED STATES

**WMO / EUMETSAT**

SHARING ANALYSIS BETWEEN THE METEOROLOGICAL SATELLITE SERVICE AND THE MOBILE SATELLITE SERVICE IN THE BAND 1 683-1 690 MHZ