

CGMS-XXIX USA-WP-23
Prepared by USA
Agenda Item: I.1
To be discussed in WG I

**TECHNICAL INPUT TO SPACE FREQUENCY COORDINATION
GROUP AND ITU-R**

This document is the USA response to Action 28.17.

TECHNICAL INPUT TO SPACE FREQUENCY COORDINATION GROUP AND ITU-R

1 Introduction

ACTION 27.08 requested the USA and Japan to inform CGMS on their plans and dates as to when the partition plan for the frequency band 1670–1710 MHz as agreed by CGMS would be fully complied. Japan and the USA reported that for the foreseeable future (up to 20 years) they would not be in a position to fully comply with this partition plan. GVAR and S-VISSR operations will have to be operated in the band 1683–1690 MHz, which is part of the band designated for main earth stations.

It was noted that the CGMS partition plan has become part of ITU Recommendation ITU-R SA.1158 and that this is used as a technical basis for sharing studies between ITU services. The operations of user stations (GVAR and S-VISSR) in the band designated for a limited number of main Earth receiving stations changes the sharing possibilities considerably. It is therefore necessary for CGMS to modify the present partition plan in the band 1675–1710 MHz and inform ITU accordingly.

Working Group I discussed the issue and concluded that the present partition plan shall be modified. It will be necessary to inform the relevant ITU bodies urgently on this revision to allow the modification of the ITU recommendation accordingly.

2. US Response and Recommendation

Action 28.17: Japan and USA to prepare technical inputs to SFCG and ITU-R indicating revision of CGMS partition agreement and to provide technical justification for this change.

As for the SFCG, the US believes this action is closed, as we updated SFCG REC 11-1R2 "Use of the Band 1670-1710 MHz for Meteorological Satellite Services" last year in Palm Cove, Australia. At the WP 7C meeting, document 7C/TEMP/19 (PDRR of REC ITU-R SA.1158-2) indicates the changes in use of the subbands under considering c). Can we consider this action closed even though the work in WP 7C is only in draft form? The USA suggests that the CGMS receive a report each year on the status of revisions to SA.1158 and inform the membership when revised recommendations are approved.