



Resolution SFCG A30-1

**ASSISTANCE IN THE ASSIGNMENT OF CDMA CODES TO DATA
RELAY SATELLITE MISSIONS IN THE 2 GHZ BANDS (2025-2110
MHz AND 2200-2290 MHz)**

The SFCG,

CONSIDERING

- a) that the proper assignment of CDMA codes to Data Relay Satellite (DRS) missions in the 2 GHz bands is essential to mission success;
- b) that CCSDS has developed a new set of CDMA codes for 2 GHz DRS users, which is based on, but different from, the current Space Network Interoperability Panel (SNIP) code set;
- c) that this assignment process demands the appropriate software tools, significant expertise, and a complete knowledge of the existing and planned assignments to DRS missions, as well as their technical parameters, trajectories, mission timeframes, and planned events;
- d) that NASA/GSFC has carried out successfully for many decades the task of CDMA code assignment to NASA and some other space agencies' DRS missions;
- e) that up-to-date information on launch and end of mission dates, spacecraft orbits, operational modes of the telecommunication links, and relevant link parameters is vital in conducting CDMA code selection studies;

RECOGNISING

the offer by NASA/GSFC to assist SFCG Member Agencies, at their request, with the assignment from the new set of CDMA codes for DRS missions;

RESOLVES

to accept the offer by NASA/GSFC; and

ENCOURAGES

SFCG Member Agencies planning DRS missions to take advantage of the assistance offered by NASA/GSFC. Member Agencies can provide current relevant technical, operational and mission information and timely updates to facilitate CDMA code selection studies by filling out the “CDMA Code Request Form” available on the SFCG website at www.sfcgonline.org/Resources. The sample form is contained in Annex.



SPACE FREQUENCY COORDINATION GROUP CDMA Code Request Form

To: cdma-request@listserv.gsfc.nasa.gov



From: Name: _____
Address: _____
Telephone: _____ Fax: _____
E-Mail: _____ Agency: _____

Spacecraft Information

Name: _____

Launch Date: _____

Estimated EOL Date _____

Coherent or non-coherent
return link _____

Desired Number of CDMA
Codes _____

Frequencies for each Code: _____

Date: _____



To be Completed by NASA/GSFC Spectrum Management office Only (Initials _____)

Assigned CDMA Codes:	_____

