



CCSDS Management Council (CMC) Polling
CMC-P-2016-04-014 Approval for CCSDS Agency HoD and Spectrum Managers to provide actual spectrum allocations for active spacecraft



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Attachment(s) The proposed frequency bins, aligned with the IEEE definitions, are these:

- HF - 0.003 to 0.03 GHz
- VHF - 0.03 to 0.3 GHz
- UHF- 0.3 to 1 GHz
- L - 1 to 2 GHz
- S - 2 to 4 GHz
- C - 4 to 8 GHz
- X - 8 to 12 GHz
- Ku - 12 to 18 GHz
- K - 18 to 27 GHz
- Ka - 27 to 40 GHz
- V - 40 to 75 GHz
- W - 75 to 110 GHz

Question

The CCSDS Management Council,

CONSIDERING that the CESG has discussed the proposal to increase available Spacecraft ID (SCID) namespace, and that The number of available SCIDs, particularly for Type 2 (AOS) has reached a critical point where only two are unallocated, and that

The CESG believes that the creation of a set of frequency bins for allocation of SCIDs will alleviate this problem by significantly increasing the usable namespace, and that

The SANA Operator has determined that only 30% of the currently identified frequency assignments in the SCID registry are accurate, and that

The allocation of spacecraft to frequency bins requires accurate knowledge of current spacecraft frequency use.

and RECOGNISING that the CCSDS Agency Heads of Delegation (HoD) are responsible for providing access to required agency information, and that

Each agency's Spectrum Manager must have accurate information about the operating frequencies for each of their spacecraft.

and ACKNOWLEDGING that the responsible Area Director and CESG Chairman has reviewed the submission,

AUTHORIZES the requirement that all of the agency HoD with registered spacecraft supply the operating frequencies (or frequency bins) for their active spacecraft, and that the agency HoD request the accurate information from their Spectrum Managers.

Agency	Created By	Response	State Conditions	Modified	Edit
Count = 9					
CNES	Soula Jean-Marc	ADOPT PROVISIONALLY (i.e., if stated condition is satisfied)	1 - S, X, Ka bands (maybe others) are shared between category A and category B missions. By discriminating more accurately on the share of those bands that is used for Cat A or B, it would save some Ids for missions that can hardly conflict between them. 2 - It must be understood that most of the time, accurate frequencies (in MHz) cannot be provided and only the band that is used will be exposed. 3 - The Template to request SCIDs should be made compatible with a request for several frequency bands.	4/22/2016 8:30 AM	
CNSA	Zhang Rusheng	ADOPT PROVISIONALLY (i.e., if stated condition is satisfied)	Can SANA circulate the list of SCIDs/Spacecrafts whose frequency information is not accurate?	4/20/2016 10:18 PM	
CSA	Tafazoli Siamak	ADOPT PROVISIONALLY (i.e., if stated condition is satisfied)	Please update necessary forms and documents to request only the frequency band and not the actual operating or center frequency.	5/6/2016 1:48 PM	
DLR	Peinado Osvaldo	ADOPT PROVISIONALLY (i.e., if stated condition is satisfied)	Can you please first clarify / inform which or how are SCID with not accurate frequencies?	4/24/2016 5:19 AM	
ESA	Miro Juan	ADOPT		4/28/2016 3:05 AM	
INPE	Bergamini Eduardo	ADOPT		4/20/2016 9:36 PM	
JAXA	Tsutomu Shigeta	ADOPT		4/21/2016 3:38 AM	
NASA	Afarin James	ADOPT PROVISIONALLY (i.e., if stated condition is satisfied)	The Spacecraft ID should only include the frequency bin and not operating frequency. The spectrum managers will only provide spacecraft frequency bin and not the operating frequency. Also in the Magenta book (CCSDS 320.0-M-7), please correct the SCID form to ask only for the frequency bind and not the operating frequency.	5/6/2016 12:19 PM	
UKSA	Perry Christopher	ADOPT		5/9/2016 3:18 AM	

