

CESG POLL ITEM DISPOSITION (PID) INITIATION FORM

AREA PID NUMBER: SLS-01
 SUBMITTING AREA: Space Link Services

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DOCUMENT NUMBER: CCSDS 320.0-M-6.2
 DOCUMENT NAME: CCSDS SCID Field Code Assignment Procedures
 DATE ISSUED: August 2017
 PAGE NUMBER: 2-3 PARAGRAPH NUMBER: Table 2-1:
 PID SHORT TITLE: Blue colour in Table 2-1: ITU/IEEE Frequency Bands (FB)

DESCRIPTION OF REQUESTED CHANGE: (Use From: "... " To "... " format)

S-Band 2-4 GHz	2200-2290 MHz	S-NE	2290-2300 MHz	S-DS
C-Band 4-7 GHz	3400-4200 MHz	C	N/A	C
X-Band SRS 7-12 GHz	8450-8500 MHz	XS-NE	8400-8450 MHz	XS-DS
X-Band EESS 7-12 GHz	8025-8400 MHz	XE-NE	N/A	XE-DS
Ku-Band 12-18 GHz	13.4-15.35 GHz	Ku	N/A	Ku

From: Blue text

To: Black text
 OR add explanation for blue text

CATEGORY OF REQUESTED CHANGE: Technical Fact

SUPPORTING ANALYSIS:

Different colours shall be motivated to avoid confusing the readers.

DISPOSITION:

CESG POLL ITEM DISPOSITION (PID) INITIATION FORM

AREA PID NUMBER: SLS-02
 SUBMITTING AREA: Space Link Services

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 DATE ISSUED: August 2017
 PAGE NUMBER: 2-3 PARAGRAPH NUMBER: Table 2-1:
 PID SHORT TITLE: What is "Same"?

DESCRIPTION OF REQUESTED CHANGE: (Use From: "... " To "... " format)

IEEE FB Name	Near Earth Downlink	Abrv	Deep Space Downlink	Abrv
HF-band 0-30 MHz	Same	HF	Same	HF
VHF-band 30-300 MHz	Same	VHF	Same	VHF
UHF-band 300-1000 MHz	Same	UHF	Same	UHF
L-band 1-2 GHz	Same	L	Same	L

From: Same
 To: Write actual frequencies values.
 OR add explanation for "Same" (not really recommended)

CATEGORY OF REQUESTED CHANGE: Technical Fact

SUPPORTING ANALYSIS:
 Indeed the readers might guess that Same means the same values in the first column, however this is confusing.
 Better repeating actual values.

DISPOSITION:

CESG POLL ITEM DISPOSITION (PID) INITIATION FORM

AREA PID NUMBER: SLS-03
 SUBMITTING AREA: Space Link Services

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DOCUMENT NUMBER: CCSDS 320.0-M-6.2
 DOCUMENT NAME: CCSDS SCID Field Code Assignment Procedures
 DATE ISSUED: August 2017
 PAGE NUMBER: 2-3 PARAGRAPH NUMBER: Table 2-1:
 PID SHORT TITLE: Why empty boxes?

DESCRIPTION OF REQUESTED CHANGE: (Use From: "... " To "... " format)

Ku-Band 12–18 GHz	13.4–15.35 GHz	Ku	N/A	
K-Band 18–27 GHz		K		K
Ka-Band SRS or EESS 27–40 GHz	25.5–27 GHz	Ka-NE	31.8–32.3 GHz	Ka-DS
Ka-Band SRS 27–40 GHz	37.0–38.0 GHz	KaS	37.0–38.0 GHz	KaS
V-Band 40–75 GHz (future)		V		V
W-Band 75–110 GHz (future)		W		W
Optical 1064 nm (future)		O1		O1
Optical 1550 nm (future)		O2		O2

1)
 From: Empty box
 To: Insert actual values OT, in case actual values are not known, include a TBD and explain that precise values will be fixed in future.

2)
 Is the following change also required?
 From: K-Band 18–27 GHz
 To: K-Band 18–27 GHz (future)

CATEGORY OF REQUESTED CHANGE: Technical Fact

SUPPORTING ANALYSIS:

- 1) Empty boxes are confusing the readers.
- 2) Empty boxes affect 5 rows of the table with 4 of them being marked "future". Were empty boxes reserved to future applications?

DISPOSITION:

CESG POLL ITEM DISPOSITION (PID) INITIATION FORM

AREA PID NUMBER: SLS-04
SUBMITTING AREA: Space Link Services

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DOCUMENT NUMBER: CCSDS 320.0-M-6.2
DOCUMENT NAME: CCSDS SCID Field Code Assignment Procedures
DATE ISSUED: August 2017
PAGE NUMBER: B-1 PARAGRAPH NUMBER:
PID SHORT TITLE: SRS? EESS?

DESCRIPTION OF REQUESTED CHANGE: (Use From: "... " To "... " format)

Add SRS to Annex B.

Add EESS to Annex B

CATEGORY OF REQUESTED CHANGE: Technical Fact

SUPPORTING ANALYSIS:

SRS and EESS are used in Table 2-1 but absent in Annex B

DISPOSITION:

CESG POLL ITEM DISPOSITION (PID) INITIATION FORM

AREA PID NUMBER: SLS-05
SUBMITTING AREA: Space Link Services

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DOCUMENT NUMBER: CCSDS 320.0-M-6.2
DOCUMENT NAME: CCSDS SCID Field Code Assignment Procedures
DATE ISSUED: August 2017
PAGE NUMBER: 2-4 PARAGRAPH NUMBER: 2.2
PID SHORT TITLE: band designator

DESCRIPTION OF REQUESTED CHANGE: (Use From: "... " To "... " format)

From: ... but the correct band designator, for uplink and downlink, must be provided. ...
To: ... but the correct band designator (indicated in the columns marked "Abrv" in Table 2-1), for uplink and downlink, must be provided. ...

Alternatively, replace "Abrv" (undefined in text and in Annex B) with e.g. "BD" and define "BD = Band Designator" in Annex B

Note also that Annex A use the term "Frequency Band designator abbreviation" and consistency may be needed; e.g. using either acronym FBDA or FBD in Table 2-1.

CATEGORY OF REQUESTED CHANGE: Technical Fact

SUPPORTING ANALYSIS:

Inconsistency is evident.

DISPOSITION:

CESG POLL ITEM DISPOSITION (PID) INITIATION FORM

AREA PID NUMBER: SLS-06
SUBMITTING AREA: Space Link Services

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DOCUMENT NUMBER: CCSDS 320.0-M-6.2
DOCUMENT NAME: CCSDS SCID Field Code Assignment Procedures
DATE ISSUED: August 2017
PAGE NUMBER: 2-4 PARAGRAPH NUMBER: First
PID SHORT TITLE: Different instead of offset

DESCRIPTION OF REQUESTED CHANGE: (Use From: "... " To "... " format)

From: The uplink frequencies that are used for any given satellite may just be an offset in the same frequency band range, i.e., 2-4 GHz, or they may actually be in a different frequency band, i.e., Ka band downlink and K-band uplink.

To: The uplink frequencies that are used for any given satellite may just be an offset different frequencies in the same frequency band range, i.e., 2-4 GHz, or they may actually be in a different frequency band, i.e.g., Ka-band downlink and K-band uplink.

CATEGORY OF REQUESTED CHANGE: Recommended

SUPPORTING ANALYSIS:

The term offset in this context is confusing.
The values shown by i.e. are actually examples and e.g. shall be used.

DISPOSITION:

CESG POLL ITEM DISPOSITION (PID) INITIATION FORM

AREA PID NUMBER: SLS-07
SUBMITTING AREA: Space Link Services

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DOCUMENT NUMBER: CCSDS 320.0-M-6.2
DOCUMENT NAME: CCSDS SCID Field Code Assignment Procedures
DATE ISSUED: August 2017
PAGE NUMBER: 2-4 PARAGRAPH NUMBER: First
PID SHORT TITLE: Unclear sentence #1

DESCRIPTION OF REQUESTED CHANGE: (Use From: "... " To "... " format)

From: In some cases these may be called 'Ka-band', or 'Ku-band' frequency assignments but the actual frequency bands that are in use are, numerically, different than that.

To: Delete sentence.

CATEGORY OF REQUESTED CHANGE: Technical Fact

SUPPORTING ANALYSIS:

The sentence is unclear and in this context only confuses the reader

DISPOSITION:

CESG POLL ITEM DISPOSITION (PID) INITIATION FORM

AREA PID NUMBER: SLS-08
SUBMITTING AREA: Space Link Services

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DOCUMENT NUMBER: CCSDS 320.0-M-6.2
DOCUMENT NAME: CCSDS SCID Field Code Assignment Procedures
DATE ISSUED: August 2017
PAGE NUMBER: 2-4 PARAGRAPH NUMBER: First
PID SHORT TITLE: Unclear sentence #2

DESCRIPTION OF REQUESTED CHANGE: (Use From: "... " To "... " format)

From: As a result the QSCID request must specify the actual frequency band name and frequency range separately for both uplink and downlink separately so as to avoid confusion.

To: As a result the QSCID request must specify the actual frequency band name and frequency range separately for both uplink and downlink separately so as to avoid confusion.

Consider also using "frequency band designator" instead of "frequency band name".

CATEGORY OF REQUESTED CHANGE: Recommended)

SUPPORTING ANALYSIS: New text makes the sentence clearer.

DISPOSITION:

CESG POLL ITEM DISPOSITION (PID) INITIATION FORM

AREA PID NUMBER: SLS-09
SUBMITTING AREA: Space Link Services

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DOCUMENT NAME: CCSDS SCID Field Code Assignment Procedures
DATE ISSUED: August 2017
PAGE NUMBER: 2-4 PARAGRAPH NUMBER: First
PID SHORT TITLE: Sentence repeating concept

DESCRIPTION OF REQUESTED CHANGE: (Use From: "... " To "... " format)

From: It is not required to specify the actual frequencies in use, but the correct band designator, for uplink and downlink, must be provided.

To: Delete sentence
OR alternatively

Simply limit the statement to "It is not required to specify the actual frequencies in use." E.g. as final part of the previous sentence.

CATEGORY OF REQUESTED CHANGE: Technical Fact

SUPPORTING ANALYSIS:
The sentence only repeats the concept - expressed in the previous sentence - that only frequency bands (for downlink and uplink) shall be provided.

DISPOSITION: