

Douglas Young

From: Douglas Young
Sent: Thursday, January 4, 2018 2:01 PM
To: 'mlmiller@sterksolutions.com'
Subject: Request for Info - File # 0216-EX-CN-2017
Attachments: DaVinci validation.rtf

Importance: High

The FCC's International Bureau needs you to address the following issues:

1. The Spacecap has 17 Fatal errors that require correction. Please see the attachment
2. You indicate the use of the Globalstar transmit band 1615 – 1617.5, this was a previous oversight and is not correct, it should be changed to 1617.495 MHz in the Spacecap and Form 442
3. There is no IARU letter, therefore, the use of the amateur bands under 4.4 requires an EMC analysis.
4. We Need to understand better what ground stations will be used.

Our advice at this point would be to accept the de-manifest and spend some time to work these issues.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of January 4, 2018 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

Validation Report for 1 User JCHILL created on 12/15/2017 1:33:08 PM with SpaceVal 8.0.8

C:\Users\jchill\Desktop\DaVinciSpaceCapR2.mdb

Ntc ID: 1 Adm: USA Sat Name: DAVINCI Action:A Status:01 D_RCV: 3/28/2017

Fatal Errors: 17 Warnings: 9

Beam	E/R	Grp id	Table	Field	Value	Row	Valerr	Rule	F/W	Ap4 Ref	Error Message
GSREC	R		non_geo	sat_name	DAVINCI		200	2	W	A.1.a	Satellite name not in ref table
			non_geo	sat_name	DAVINCI		200	3	W	A.1.a	Invalid satellite name or action-code value
			s_beam	f_all_orbit			559	1	F		Value missing
GSREC	R	5	carrier_fr	freq_carr		1	780	1	F	C.7.b	Value missing
GSREC	R	5	emiss	c_to_n	-24	1	674	2	W	C.8.e.1	Invalid value
GSREC	R	5	grp	op_agcy	999		605	3	W	A.3.a	value = 999 ; please provide details in attachment
GSREC	R	5	s_as_stn	stn_type		1	735	1	F	C.10	Value missing
GSREC	R	5	s_as_stn	long_no		1	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
GSREC	R	5	s_as_stn	long_no		2	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
GSREC	R	5	s_as_stn	stn_type		2	735	1	F	C.10	Value missing
VHFUP	R	3	carrier_fr	freq_carr	144.5	1	780	2	F	C.7.b	Carrier frequency doesn't fall within the frequency range of the group
VHFUP	R	3	diag_grp	attch_no			646	3	F		Value missing, when field diag_grp.diag_type = SA (ServiceArea), and srv_area/ctry (item 645) not provided
VHFUP	R	3	e_as_stn	bmwidth	34	1	695	4	W	C.10.d.4	Value outside computed allowable range (35.66 - 45.4)
VHFUP	R	3	e_as_stn	stn_name	DAVINCI GROUND	1	680	4	F	C.10.b.1	Both associated earth and space station data present
VHFUP	R	3	e_srvcls	stn_cls	TD	1	706	5	F	C.10.d.1	Symbol missing for satellite group class-of-station (ES)
VHFUP	R	3	e_srvcls	stn_cls	TD	1	706	4	F	C.10.d.1	Symbol not valid for satellite group class-of-station
VHFUP	R	3	grp	op_agcy	999		605	3	W	A.3.a	value = 999 ; please provide details in attachment
VHFUP	R	3	s_as_stn	sat_name	DAVINCI	1	730	2	W	C.10.a.1	Invalid value (not in reference table)
GSXMT	E	4	grp	op_agcy	999		605	3	W	A.3.a	value = 999 ; please provide details in attachment
GSXMT	E	4	s_as_stn	long_no		2	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
GSXMT	E	4	s_as_stn	stn_type		2	735	1	F	C.10	Value missing
UHFDO	E	1	carrier_fr	freq_carr	432.5	1	780	2	F	C.7.b	Carrier frequency doesn't fall within the frequency range of the group
WN											

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Beam	E/R	Grp id	Table	Field	Value	Row	Valerr	Rule	F/W	Ap4 Ref	Error Message
UHFDO WN	E	1	e_srvcls	stn_cls	TH	1	706	5	F	C.10.d.1	Symbol missing for satellite group class-of-station (ES)
UHFDO WN	E	1	e_srvcls	stn_cls	TH	1	706	4	F	C.10.d.1	Symbol not valid for satellite group class-of-station
UHFDO WN	E	1	grp	op_agcy	999		605	3	W	A.3.a	value = 999 ; please provide details in attachment
UHFDO WN	E	1	s_as_stn				9999	1	F		Error : no rows found in table (SAssocStn)