

Douglas Young

From: Douglas Young
Sent: Thursday, January 9, 2020 12:28 PM
To: andrew_santangelo@sci-zone.com
Subject: FW: Request for Info - File #1637-EX-ST-2018
Attachments: Canop.mdb.txt.rtf

Importance: High

See corrected response date at bottom of email.

From: Douglas Young
Sent: Thursday, January 9, 2020 12:23 PM
To: andrew_santangelo@sci-zone.com
Subject: Request for Info - File #1637-EX-ST-2018
Importance: High

Address the issues below that our International Bureau has identified. Also, the fatal errors in the attached document must be corrected.

1. Provide an updated technical description of the Cubesat including RF operations.
2. NOAA license indicates the use of 1610 MHz and 2483.5 MHz. Your SpaceCap file indicates 1610-1617.775 MHz, your FCC equipment authorization indicates 1611.25 - 1618.75. The frequency bands are not consistent and need to be updated/corrected for consistency or provide justification as to why they are not consistent. Additionally, **5.372** Harmful interference shall not be caused to stations of the radio astronomy service using the band
1610.6-1613.8 MHz by stations of the radiodetermination-satellite and mobile-satellite services. Suggest the applicant may want to use 1615-1617.775 MHz 1M23G7W so as to avoid coordination and protection requirements with radio astronomy
3. The Globalstar filing indicates 2483.5-2495 MO, your SpaceCap file class of station indicates Inter-satellite service. This frequency band is not allocated for inter-satellite service. This needs to be corrected.
4. Complete the emission designator tab in the SpaceCap file, specifically Min/Max power density.
5. The Operating Agency will be provided by the FCC, not the applicant at this time.
6. Is there a ground station to control/ shutdown operations? Provide the information in the associated Earth station tab.

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 9, 2020 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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C:\Users\joseph.hill\Desktop\1637EXST2018v3.mdb

Ntc ID: 1 Adm: USA Sat Name: CANOP Action:A Status:01 D_RCV: 12/1/2019

Fatal Errors: 193 Warnings: 4

Beam	E/R	Grp id	Table	Field	Value	Row	Valerr	Rule	F/W	Ap4 Ref	Error Message
UPLINK	R	1	non_geo	sat_name	CANOP		200	2	W	A.1.a	Satellite name not in ref table
			non_geo	sat_name	CANOP		200	3	W	A.1.a	Invalid satellite name or action-code value
			emiss	design_e mi	1M23G7 W	1	669	2	F	C.7.a	Invalid value
UPLINK	R	1	s_as_stn	stn_type		1	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no m		1	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	stn_type		2	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no m		2	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	stn_type		3	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no m		3	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	stn_type		4	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no m		4	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	stn_type		5	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no m		5	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	long_no m		6	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	stn_type		6	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	stn_type		7	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no m		7	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	stn_type		8	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no m		8	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	stn_type		9	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no m		9	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo

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Beam	E/R	Grp id	Table	Field	Value	Row	Valerr	Rule	F/W	Ap4 Ref	Error Message
UPLINK	R	1	s_as_stn	stn_type		10	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no		10	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
			m								
UPLINK	R	1	s_as_stn	long_no		11	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
			m								
UPLINK	R	1	s_as_stn	stn_type		11	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no		12	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
			m								
UPLINK	R	1	s_as_stn	stn_type		12	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no		13	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
			m								
UPLINK	R	1	s_as_stn	stn_type		13	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no		14	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
			m								
UPLINK	R	1	s_as_stn	stn_type		14	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no		15	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
			m								
UPLINK	R	1	s_as_stn	stn_type		15	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no		16	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
			m								
UPLINK	R	1	s_as_stn	stn_type		16	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no		17	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
			m								
UPLINK	R	1	s_as_stn	stn_type		17	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	stn_type		18	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no		18	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
			m								
UPLINK	R	1	s_as_stn	long_no		19	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
			m								
UPLINK	R	1	s_as_stn	stn_type		19	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	stn_type		20	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no		20	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
			m								
UPLINK	R	1	s_as_stn	stn_type		21	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no		21	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
			m								
UPLINK	R	1	s_as_stn	stn_type		22	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no		22	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
			m								
UPLINK	R	1	s_as_stn	stn_type		23	735	1	F	C.10	Value missing

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UPLINK	R	1	s_as_stn	long_no m		23	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	stn_type		24	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no m		24	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	long_no m		25	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	stn_type		25	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	stn_type		26	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no m		26	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	stn_type		27	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no m		27	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	stn_type		28	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no m		28	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	stn_type		29	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no m		29	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	stn_type		30	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no m		30	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
UPLINK	R	1	s_as_stn	stn_type		31	735	1	F	C.10	Value missing
UPLINK	R	1	s_as_stn	long_no m		31	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	emiss	design_e mi	1M23G7 W	1	669	2	F	C.7.a	Invalid value
DOWNL INK	E	2	emiss	pwr_ds_m ax	0.1	1	671	2	W	C.8.b.3.b	Invalid value
DOWNL INK	E	2	s_as_stn	long_no m		1	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		1	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	stn_type		2	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		2	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		3	735	1	F	C.10	Value missing

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DOWNL INK	E	2	s_as_stn	long_no m		3	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		4	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		4	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		5	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		5	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		6	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		6	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		7	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		7	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		8	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		8	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		9	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		9	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		10	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		10	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		11	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		11	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		12	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		12	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		13	735	1	F	C.10	Value missing

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Beam	E/R	Grp id	Table	Field	Value	Row	Valerr	Rule	F/W	Ap4 Ref	Error Message
DOWNL INK	E	2	s_as_stn	long_no m		13	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		14	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		14	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		15	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		15	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		16	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		16	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	long_no m		17	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		17	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	stn_type		18	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		18	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		19	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		19	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		20	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		20	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		21	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		21	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		22	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		22	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		23	735	1	F	C.10	Value missing

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DOWNL INK	E	2	s_as_stn	long_no m		23	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	long_no m		24	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		24	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	stn_type		25	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		25	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		26	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		26	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		27	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		27	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		28	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		28	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	long_no m		29	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		29	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		30	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		30	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		31	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		31	735	1	F	C.10	Value missing
DOWNL INK	E	2	s_as_stn	long_no m		32	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DOWNL INK	E	2	s_as_stn	stn_type		32	735	1	F	C.10	Value missing
DWNST X3	E	3	emiss	pwr_ds_m ax	0.1	1	671	2	W	C.8.b.3.b	Invalid value

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DWNST X3	E	3	emiss	design_e mi	2M50G1 D	1	669	2	F	C.7.a	Invalid value
DWNST X3	E	3	s_as_stn	long_no m		1	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		1	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		2	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		2	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		3	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		3	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		4	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		4	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	stn_type		5	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		5	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		6	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		6	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		7	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		7	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		8	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		8	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	long_no m		9	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		9	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	stn_type		10	735	1	F	C.10	Value missing

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Beam	E/R	Grp id	Table	Field	Value	Row	Valerr	Rule	F/W	Ap4 Ref	Error Message
DWNST X3	E	3	s_as_stn	long_no m		10	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		11	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		11	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		12	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		12	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		13	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		13	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		14	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		14	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	long_no m		15	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		15	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		16	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		16	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	stn_type		17	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		17	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		18	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		18	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		19	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		19	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		20	735	1	F	C.10	Value missing

Validation Report for 1 User ANDREWSA created on 1/9/2020 2:30:47 AM with SpaceVal 8.0.17

Beam	E/R	Grp id	Table	Field	Value	Row	Valerr	Rule	F/W	Ap4 Ref	Error Message
DWNST X3	E	3	s_as_stn	long_no m		20	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	long_no m		21	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		21	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	stn_type		22	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		22	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		23	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		23	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		24	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		24	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	long_no m		25	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		25	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	stn_type		26	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		26	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		27	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		27	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	long_no m		28	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		28	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	stn_type		29	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		29	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		30	735	1	F	C.10	Value missing

Validation Report for 1 User ANDREWSA created on 1/9/2020 2:30:47 AM with SpaceVal 8.0.17

Beam	E/R	Grp id	Table	Field	Value	Row	Valerr	Rule	F/W	Ap4 Ref	Error Message
DWNST X3	E	3	s_as_stn	long_no m		30	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		31	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		31	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo
DWNST X3	E	3	s_as_stn	stn_type		32	735	1	F	C.10	Value missing
DWNST X3	E	3	s_as_stn	long_no m		32	736	3	F	C.10.a.2	Value not provided and assoc. space stn. is Geo