



NATIONAL RADIO ASTRONOMY OBSERVATORY

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May 11, 2016
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NRQZ ID: 10188 23MAR2016

Attention: FCC Regulatory Group
Telesat Network Services Inc.,
135 Routes 202/206
Bedminster, NJ 07921-1538

Application Reason/Purpose	Concurrence of an FCC application prior to FCC submission
File/Docket/Assignment #	SESMFS2015092200604
Applicant Name	Telesat
Call Sign	KA399
Site Name or Loc	Mount Jackson
Nearest City/State	Mount Jackson, VA
N Latitude	Provided by applicant
W Longitude	Provided by applicant
Ground Elevation (m)	283.5 (930.1')
Freq. Band (MHz)	13750 - 14500
Emission Designator	500KG7W, 600KG7W, 4M00G7W, 54M0G7W
Transmitter Power Out W	1450
Antenna 1 Type (Gain dBi)	Vertex 15 m dish model 15KPK (65.1)
Height agl (m)	13.0 (42.7')
Orientation (degT)	Not provided
Frequency Coordinator	None Listed
Previous NRAO Coordination No.	NRQZ ID 4619, 5683, 5690
Current NRAO Coordination No.	NRQZ ID 10188 23MAR2016

Dear Applicant:

The National Radio Quiet Zone (NRQZ) has evaluated these facilities to determine the interference impact on our highly sensitive radio astronomy operations.

The National Radio Astronomy Observatory (NRAO), Green Bank, WV, has no objection to this application.

The Sugar Grove Research Station, Sugar Grove, WV has no objections.

This letter constitutes coordination of assignment in the National Radio Quiet Zone as required by the FCC Rules and Regulations 47CFR1.924.

If I may be of assistance, please feel free to contact me.

Sincerest regards,

Paulette W. Woody
NRAO NRQZ Administrator
PWW:pww
cc: Ryan Terry / file: 10188.docx

NOTE: This concurrence remains valid provided the data contained within is consistent with the applicant's filing at the FCC. Any discrepancy in system parameters, such as geographical coordinates (Latitude, Longitude, AMSL), antenna height above ground level (AGL), antenna gains or directivity (orientation), channel (operating frequency or frequency bands), emission type or power requires re-coordination. If the FCC has questions regarding the validity of this or any concurrence, please direct inquiries to nrqz@nrao.edu or 304-456-2107.