



NATIONAL RADIO ASTRONOMY OBSERVATORY

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July 11, 2016
NRQZ ID: 10279_02JUN2016

Mr. Richard Thommes
Telesat Network Services, Inc.
1601 Telesat Court
Ottawa, Ontario, Canada K1B 5P4

Application Reason/Purpose	PCN Coordination prior to FCC submission
File Number	Shall be provided by applicant
Applicant Name	Addressee
Call Sign	Not provided
Site Name or Loc	Mt. Jackson, VA, USA
Frequency Coordinator	Comsearch 160602COMSGE01
Previous NRAO Coordination No.	NRQZ ID 9871_30JUN2015
Current NRAO Coordination No.	NRQZ ID 10279_02JUN2016

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

cc: Gary K. Edwards, Comsearch

file: 10279.docx

Attachments: 10279 Site Specific Data

NOTE: This concurrence remains valid provided the data contained within is consistent with the applicant's filing at the Commission. 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, and power requires re-coordination. If the Commission has questions regarding the validity of this or any concurrence, please direct inquiries to nrqz@nrao.edu or 304-456-2107.

NRQZ ID	Call Sign	FCC File Number	Max TX Pwr (W)	Max TX Pwr (dBm)	Max Gain (dBi)	Antenna Model	Calculated Max ERPd (dBm) prior to system loss	Calculated Max ERPd per TX (W) prior to system loss	Lat N NAD83	Lon W NAD83	MSL (m)	AGL (m)	Freq Low (MHz)	Freq High (MHz)	Bandwidth BW (MHz)	AZ ° True	Mechanical-DT	Electrical-DT
10279 Mt Jackson - 112 MHz	NEW	Not provided	28.1	44.5	63	ASC 9.4 meter dish	105.3	34174826.6	38 43 47.7	78 39 28.6	283.91	5.49	27600.000	28600.000	112	AZ 155.9 / EL 42.3	0	0
10279 Mt Jackson - 500 kHz	NEW	Not provided	1	30.0	63	ASC 9.4 meter dish	90.9	1216186.0	38 43 47.7	78 39 28.6	283.91	5.49	27600.000	28600.000	0.5	AZ 155.9 / EL 42.3	0	0

10279 Telesat Canada - Site Specific Data (160602COMSGE01)