



## NATIONAL RADIO ASTRONOMY OBSERVATORY

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GREEN BANK, WV 24944-0002  
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August 14, 2015  
NRQZ ID: 9871\_30JUN2015

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 150630COMSGE01
Previous NRAO Coordination No.	NRQZ ID None – new analysis
Current NRAO Coordination No.	NRQZ ID 9871_30JUN2015

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: 9871.docx

Attachments: 9871 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](mailto:nrqz@nrao.edu) or 304-456-2107.

Reference Copy

NRQZ ID	Call Sign	FCC File Number	Max TX Pwr (W)	TX Pwr (dBm)	Max Gain (dBi)	Antenna Model	Lat N	Lon W	MSL (m)	AGL (m)	Freq Low (MHz)	Freq High (MHz)	BW (MHz)	Orientation
9871 Telesat Mt Jackson	NEW	pending	28.1	44.5	66.5	ASC Signal 9.4 meter	38 43 44.4	78 39 24.1	282.24	5.49	28361	28872	0.5	107.2
9871 Telesat Mt Jackson	NEW	pending	28.1	44.5	66.5	ASC Signal 9.4 meter	38 43 44.4	78 39 24.1	282.24	5.49	28361	28872	112	107.2
9871 Telesat Mt Jackson	NEW	pending	28.1	44.5	66.5	ASC Signal 9.4 meter	38 43 44.4	78 39 24.1	282.24	5.49	29256	29868	0.5	107.2
9871 Telesat Mt Jackson	NEW	pending	28.1	44.5	66.5	ASC Signal 9.4 meter	38 43 44.4	78 39 24.1	282.24	5.49	29256	29868	112	107.2

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