

PURPOSE OF MODIFICATION

Telesat Network Services, Inc. (“TNSI”) hereby submits an application for modification of its existing VSAT license authority under Call Sign E030029 for the following purposes:

1. Correction of the coordinates identified on its current license, as reflected on the associated FCC Form 312.
2. Addition of the Telstar 12V (T12V) satellite as a point of communication. The T12V satellite was authorized to Skynet Satellite Corporation, a TNSI affiliate, on May 11, 2015 (Call Sign S2833; File No. SAT-LOA-20141010-00107).
3. Addition of the extended Ku-band frequency bands of 13750-14000 MHz and 10950-11200 MHz to communicate with the T12V satellite consistent with the above-referenced T12V grant. Telesat notes that its use of the 13750-14000 MHz band will be consistent with the EIRP limits stated in Footnote US356 to the Table of Allocations. In addition, Telesat will limit its use of the 10950-11200 MHz band to international links (*i.e.*, for service to other countries) as stated in the T12V application.
4. Addition of new frequency emission designators to support communications with the T12V satellite.

TNSI also submits herewith the following documentation to support its application:

1. Frequency Coordination and Interference Analysis Report, demonstrating satisfactory coordination for the use of the extended Ku-band frequencies identified above and for the additional emission designators.
2. 13.75-14.0 GHz Band Analysis, demonstrating compliance with FCC 96-377 interference limitations to NASA facilities.
3. Radiation Hazard Study.
4. No-Objection Letter from National Radio Astronomy Observatory.