

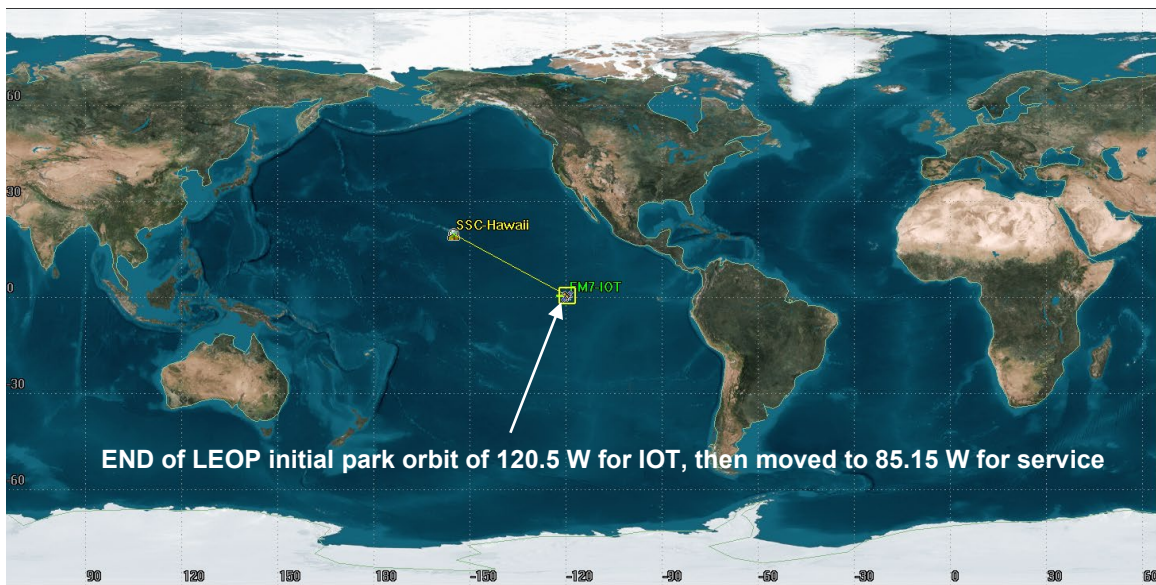
USN anomaly support of Sirius XM radio XM7 from Hawaii

Sirius/XM Satellite Radio's Sirius-FM7 was launched in December 2020 and placed at 120.5 degrees west for in-orbit testing (IOT). Sirius declared an anomaly on January 29th 2021 with its payload transponder. USN conducted support under SES-STA-20200924-01126 previously. USN has been requested to resume contact with the spacecraft starting January 29th, 2021 for an undetermined amount of time to resolve the anomaly. USN is requesting authorization for 30 days.

Spacecraft Post AMF#4 Orbital Elements:

Sirius XM7 Post AMF 4

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1 28364U 04024A 20321.52868704 -.00000300 00000-0 10000-3 0 574  
2 28364 0.0894 121.1315 0003177 182.0910 180.5872 1.00467189 837
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USN Hawaii coverage of Sirius-FM7 END of LEOP phase

Exhibit
PETITION FOR WAIVER OF FREQUENCY COORDINATION AND THREE DAY
STA PROCESSING TIME

I. TO THE EXTENT THEY APPLY, GOOD CAUSE EXISTS FOR A WAIVER OF FREQUENCY COORDINATION

Universal Space Network, Inc. (USN) has been asked to provide immediate emergency support for the Sirius SXM-7 Spacecraft launched in December 2020. The spacecraft has an anomaly in its transponder payload and requires an unknown amount of time to resolve. USN does not have the required 30 days to obtain a updated frequency coordination but has supplied the former coordination dated March 11, 2020. As USN has conducted support of the spacecraft under SES-STA-20200924-01126 ending on January 26th, 2021 the risk of interference is low.

II. GOOD CAUSE EXISTS FOR A WAIVER OF THE THREE DAY
PROCESSING TIME

USN further requests a waiver of the STA processing time due to the immediate requirement for anomaly resolution of the SXM-7 spacecraft.