

Request for Special Temporary Authority

Globalstar hereby requests special temporary authority ("STA") commencing on November 17, 2018, and continuing for a period of one hundred and eighty (180) days, to provide service through its space stations for Technical Educational Satellite -8 ("TechEdSat-8"). For reasons stated below, Globalstar asks that its STA request be granted no later than October 19, 2018.

The National Telecommunications and Information Administration ("NTIA") has authorized the National Aeronautics and Space Administration ("NASA") to conduct experiments with the Technical Educational Satellite -8 ("TechEdSat-8") low earth orbit nanosatellite. A copy of that authorization is attached hereto.

In connection with these experiments, NASA will operate a Globalstar satellite modem that it will host on TechEdSat-8. The satellite modem will transmit from TechEdSat-8 to space stations in Globalstar's "Big LEO" constellation, HIBLEO-4. The transmissions will, among other goals, utilize Globalstar's constellation as a tracking and data relay satellite ("TDRS") for nanosatellites.

Globalstar seeks an STA for providing service through the Globalstar satellites to TechEdSat-8.¹ There will be no change during the experiment in the operating parameters of Globalstar's space stations, which are licensed as Part 25 space stations. For this reason, no operating parameters, other than effective radiated power, are used in the form that this exhibit accompanies. The only change for which Globalstar seeks an STA is adding TechEdSat-8 as a point of communication. Globalstar's Part 25 space station license does not cover space-to-space communications.

Globalstar and NASA just learned that TechEdSat-8 has been added to the launch manifest for SpaceX-16, which is scheduled to be launched on December 1, 2018, and will deliver cargo to the International Space Station ("ISS"). TechEdSat-8 would be jettisoned from the ISS on January 15, 2018, to begin a three-month mission.²

The spacecraft launch integrator for SpaceX-16 is requiring that TechEdSat-8 have all spectrum approvals in place by the hand-off for integration, which is scheduled for October 20, 2018. Accordingly, Globalstar respectfully requests that its STA be granted no later than October 19, 2018.

¹ Globalstar's constellation is comprised of 24 satellites, any one of which may be used as part of the experiment at any point in time.

² Globalstar is seeking authority beginning on November 17, 2018, and covering the maximum 180 days, in case there are changes to the launch schedule or the mission schedule.