

Description of Research Project (FCC Experimental License Request)

Applicant:
FCC File Number:

Globalstar, Inc.
[1588-EX-ST-2020](#)

in support of:

[NearSpace Launch, Inc., ThinSat-2, File 1478-EX-ST-2020](#)

The objective of the Globalstar Request for Special Temporary Authority is to support communications for the [NearSpace Launch, Inc., ThinSat-2](#) CubeSat mission. The objectives of the [ThinSat-2](#) project are presented in the Experimental License Application submitted by [NearSpaceLaunch, Inc.](#) for the [ThinSat-2](#) CubeSat mission, FCC File [1478-EX-ST-2020](#).

Background:

In its request, [NearSpace Launch, Inc.](#) sought authority to operate [Qty 30](#) of [Globalstar STX-3 \(FCCID L2V-STX3\)](#), currently integrated into the low-earth orbit [ThinSat-2](#) CubeSat system. Information transmitted by the [ThinSat-2](#) CubeSat system will be relayed to the [ThinSat-2](#) mission operations center by means of the Globalstar system constellation and the associated Globalstar ground infrastructure.

In this Experimental License request, Globalstar seeks authority, in connection with the aforementioned CubeSat mission, to:

1. [receive](#) transmissions from the licensed transmitter modules and to relay the data to the Mission Operations Center

The only change from Globalstar's currently licensed operations is that the Globalstar constellation will be sending/receiving transmissions to/from the FCC-approved terminals located on a space station rather than communicating with these terminals from their usual Earth-based locations. Globalstar's license does not cover space-to-space operation, thus requiring this Experimental License request.

The [NearSpace Launch, Inc. ThinSat-2](#) Mission Office will notify the FCC of the dates of actual operation, once those dates have been established.

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