

Description of Research Project (FCC Experimental License Request)

Applicant: **Globalstar, Inc.**

FCC_File Number: **1699-EX-ST-2020**

in support of: [Lynk Global, Inc., Lynk the World, File 1184-EX-ST-2020](#)

The objective of this Globalstar Request for Special Temporary Authority is to support communications for the [Lynk Global, Inc., Lynk the World](#) mission. The objectives of the [Lynk the World](#) project are presented in the Special Temporary Authority Application submitted by [Lynk Global, Inc.](#) for the [Lynk the World](#) mission, FCC_File [1184-EX-ST-2020](#).

Background:

In its request, [Lynk Global, Inc.](#) sought authority to operate [Qty 1](#) of [NSL Eyestar D2F \(FCCID 19CGSSDVM\)](#), currently integrated into the [Lynk the World](#) system. Information transmitted by the [Lynk the World](#) system will be relayed to the [Lynk the World](#) 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 mission, to:

1. [receive](#) transmissions from the licensed transmitter module and to relay the data to the Mission Operations Center
2. [transmit](#) from the licensed Globalstar Constellation to the licensed NSL Eyestar D2F modem

The only change from Globalstar's currently licensed operations is that the Globalstar constellation will be sending/receiving transmissions to/from the FCC-approved terminal located on a space station launch vehicle 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 [Lynk Global, Inc. Lynk the World](#) Mission Office will notify the FCC of the dates of actual operation, once those dates have been established.

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