

**L3HARRIS TECHNOLOGIES, INC.
EXPERIMENTAL LICENSE REQUEST
FILE NO. 0483-EX-CN-2020**

EXHIBIT 1 - DESCRIPTION OF EXPERIMENT

L3Harris Technologies, Inc. ("L3Harris"), a leading manufacturer of portable SATCOM terminals, hereby requests an experimental authorization to support experimental testing, development, and equipment parameter verification utilizing a satellite simulator at its Jefferson Road facility located in Rochester, NY ("JROC"). L3Harris is requesting authorization on the C, X, Ku, and Ka bands.

All testing will occur within a 0.1 kilometer radius of the JROC facility (NL 43° 05' 22", WL 077° 35' 27"). L3Harris acknowledges that all experimental operations conducted in the requested bands will be on a non-interference basis. Owing to specific limited testing area within the 0.1 kilometer radius, L3Harris believes that no interference issues will arise from the testing. However, to the extent necessary, L3Harris will utilize its best efforts to avoid and minimize any potential interference.

All experimental operations will be conducted in conjunction with the development of equipment utilized by US Military forces and governmental entities. Accordingly, the applicable POC/Contract information is provided below.

Applicable Government Contract(s) and POC:

Title of Contract:	SDN SLEP
Contract Number:	H92401-20-2-0002
Customer Organization:	USSOCOM Daniel J. Potts, Program Manager 813-826-7011 Daniel.potts@socom.mil
Contracting Officer:	Berenice Valenzuela, Contracting Office 813-826-3719 Berenice.valenzuela@socom.mil

Title of Contract:	CSS VSAT Sustainment
Contract Number:	W56JSR-17-D-0006
Customer Organization:	US Army Truong Le, Logistics Management Specialist 443-395-1233 Truong.n.le.civ@mail.mil
Contracting Officer:	Kathryn Ortel-Thatcher, Procuring Contracting Officer 443-861-4905 Kathryn.a.ortel.civ@mail.mil

In addition to the above, the experimental authorization will support the following (but not limited to) additional military and governmental contracts:

NIWC- Expeditionary Warfare:

SPAWAR Repair: N65236-17-D-1001 / DO N65236-19-F-0970

US Special Operations Command (DOD):

SDN-FoT: H92222-12-D-0020

Air Force SMSC- Combat Mission Systems Support (CMSS) program:

CSS Sustainment: W56JSR-17-D-0006

General Services Administration- FEMA:

FEMA: GS-35F-0718M

L3Harris respectfully requests a waiver of the station identification provisions of Section 5.115 of the Commission's rules, 47 C.F.R. § 5.115.

All network traffic will be simulated traffic only, solely for testing and evaluation purposes and not for the purpose of providing network data communications services to user stations.

L3Harris submits that a grant of this STA request is necessary and in the public interest because it will advance national security efforts by contributing and assisting in the further development of communications equipment utilized by the US Military forces and governmental entities.

The **stop buzzer contact** for this project is Vance Kannapel, Engineer at L3Harris, tel: 585-742-9122, e-mail: Vance.Kannapel@L3Harris.com