

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WL2XHL

(Call Sign)

0847-EX-CN-2020

(File Number)

NAME L3HARRIS

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(c) of the Commission's Rules

Station Locations

(1) Half Moon Bay (SAN MATEO), CA - NL 37-30-54; WL 122-22-44

Frequency Information

Half Moon Bay (SAN MATEO), CA - NL 37-30-54; WL 122-22-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
960-976 MHz	FX	10M0N0N	316 W (ERP)	
1530-1559 MHz	FX	10M0N0N	316 W (ERP)	

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.

This authorization effective December 07, 2020 and
will expire 3:00 A.M. EST December 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (5) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number N68335-17-C-0260. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (6) Prior to commencing any operations in the 1530-1559 MHz frequency band, the applicant must notify the licensee listed below of its test dates and provide a stop buzzer in case of interference:
Name: Inmarsat plc
Phone Number: 202-696-1524
E-Mail: donna.bethea-murphy@inmarsat.
Attention: Ms. Donna Bethea-Murphy
Name: William M. Wiltshire
Phone Number: 202-730-1350
Company: Harris, Wiltshire & Grannis LLP
E-Mail: wwiltshire@hwglaw.com
- (7) The stop buzzer POC is Osman Kanlioglu at (650) 326-9500.