

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WK2XAO

(Call Sign)

0070-EX-CM-2019

(File Number)

NAME Skylo Technologies

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(J) of the Commission's Rules

Station Locations

- (1) MOBILE: Walcott, IA, within 275 km, centered around NL 41-36-05; WL 90-44-07
- (2) MOBILE: Walcott, IA, within 275 km, centered around NL 41-36-05; WL 90-44-07
- (3) MOBILE: Walcott, IA, within 275 km, centered around NL 41-36-05; WL 90-44-07
- (4) MOBILE: Walcott, IA, within 275 km, centered around NL 41-36-05; WL 90-44-07

Frequency Information

MOBILE: Walcott, IA, within 275 km, centered around NL 41-36-05; WL 90-44-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1625.5-1660 MHz	MO	16K0G1D	5 W (ERP)	0.005 %

MOBILE: Walcott, IA, within 275 km, centered around NL 41-36-05; WL 90-44-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1625.5-1660 MHz	MO	12K5G1D	8 W (ERP)	0.005 %

This authorization effective June 20, 2019 and
will expire 3:00 A.M. EST April 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Marketing of devices (as defined in 47CFR2.803 of this chapter) or provision of services for hire is not permitted.
- (2) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (3) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (4) 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.
- (5) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (6) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (7) Operations of the authorized stations must be in compliance with the terms and conditions specified in the Inmarsat 4F3 geosynchronous L-band satellite grant of US market access, including any coordination agreements.
- (8) Point of Communication: Inmarsat I-4F3 satellite at 98 degrees west longitude and SkyTerra-1 satellite at 101.3 degrees west longitude.
- (9) Operations of the authorized stations must be in compliance with the terms and conditions specified in the Inmarsat I-4F3 geosynchronous L-band satellite (Call Sign S2932) license and the Ligado's SkyTerra-1 geosynchronous L-band satellite (Call Sign S2358) license, including any coordination agreements.