Joseph Fargnoli, 1455 Pennsylvania Ave NW, Washington, DC 20004,

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

EXPERIMENTAL	WL2XDF
(Nature of Service)	(Call Sign)
XT MO	0090-EX-CN-2020
(Class of Station)	(File Number)

NAME Theia Holdings A, Inc.

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(h) of the Commission's Rules

Station Locations

(1) MOBILE: Naval Weapons Training Facility Boardman, OR, within 25 km, centered around NL 45-44-54; WL 119-47-38

(2) MOBILE: SRC Inc. Laboratory, Syracuse, NY, within 50 km, centered around NL 43-07-44; WL 76-05-03

(3) MOBILE: Fort Drum, NY, within 15 km, centered around NL 44-07-44; WL 75-38-32

Frequency Information

MOBILE: Naval Weapons Training Facility Boardman, OR, within 25 km, centered around NL 45-44-54; WL 119-47-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1311-1339 MHz	MO	15M0Q3N 27M7Q3N	3.8459 kW (ERP)	0.00063 %

MOBILE: SRC Inc. Laboratory, Syracuse, NY, within 50 km, centered around NL 43-07-44; WL 76-05-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1271-1299 MHz	MO	15M0Q3N	3.8459 kW (ERP)	0.00063 %

This authorization effective October 29, 2020 and
will expire 3:00 A.M. EST May 31, 2022

FEDERAL COMMUNICATIONS COMMISSION

Frequency Information

MOBILE: SRC Inc. Laboratory, Syracuse, NY, within 50 km, centered around NL 43-07-44; WL 76-05-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1271-1299 MHz	MO	27M7Q3N	3.8459 kW (ERP)	0.00063 %

MOBILE: Fort Drum, NY, within 15 km, centered around NL 44-07-44; WL 75-38-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1250-1280 MHz	MO	15M0Q3N 27M7Q3N	3.8459 kW (ERP)	0.00063 %

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 frequency band assign was coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, D.C. 20591. Phone: 202-267-8699.

(4) During transmission, aircraft shall not exceed the altitude 10,000 ft.

(5) Prior to transmission, notify local air traffic controller about testing schedule. Further, the proponent is aware that use of the frequencies for proposed experimental testing is on an unprotected, non-harmful interference basis and proponent must cease operations upon notice of harmful interference. Earth flight test on experimental synthetic aperture radar planned to deploying Earth Exploration Satellite Service (EESS) satellite for US Government.

(6) Stop Buzzer, Joseph Fargnoli at (202) 650-5518 (Office)/ (585) 298-8582 (Cell).

(7) This must be one time test for demonstration for government official.

(8) Operation the frequency band 1311-1339 MHz, blanking is required azimuth angle between 90 and 270 degree reference to true North.

(9) Operation the frequency band 1250-1280 MHz and 1271-1299 MHz, blanking is required azimuth angle between 50 and 240 degree reference to true North.

(10) The renewal must have a government contract number.

(11) The final application must be earth exploration-satellite/space research only.

(12) This authorization SUPERSEDES the previous issued authorization with the same Callsign and file number: amended ERP and special conditions.