

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WI2XIE

(Call Sign)

0270-EX-CR-2021

(File Number)

NAME DRS Advanced ISR, LLC

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: At and Around Milford, NH, within 30 km, centered around NL 42-48-01; WL 71-42-08

Frequency Information

MOBILE: At and Around Milford, NH, within 30 km, centered around NL 42-48-01; WL 71-42-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1780-1795 kHz	MO	N0N 100HA1A 2K70J3E	10 W (ERP)	
3155-3250 kHz	MO	N0N 100HA1A 2K70J3E	20 W (ERP)	
4438-4650 kHz	MO	N0N 100HA1A	20 W (ERP)	

This authorization effective May 01, 2021 and
will expire 3:00 A.M. EST May 01, 2026

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: At and Around Milford, NH, within 30 km, centered around NL 42-48-01; WL 71-42-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4438-4650 kHz	MO	2K70J3E	20 W (ERP)	
6765-6999 kHz	MO	N0N 100HA1A 2K70J3E	25 W (ERP)	
10150-11170 kHz	MO	N0N 100HA1A 2K70J3E	50 W (ERP)	
14350-14900 kHz	MO	N0N 100HA1A 2K70J3E	50 W (ERP)	
29890-29910 kHz	MO	N0N 100HA1A 2K70J3E 11K0F3E 16K0F3E	100 W (ERP)	
20.01-20.09 MHz	MO	N0N 100HA1A 2K70J3E	50 W (ERP)	
46.6-49.9 MHz	MO	N0N 100HA1A 2K70J3E	50 W (ERP)	

Frequency Information

MOBILE: At and Around Milford, NH, within 30 km, centered around NL 42-48-01; WL 71-42-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
46.6-49.9 MHz	MO	11K0F3E 16K0F3E	50 W (ERP)	
148-149.9 MHz	MO	N0N 100HA1A 2K70J3E 11K0F3E 16K0F3E	60 W (ERP)	
173.4-174 MHz	MO	N0N 100HA1A 2K70J3E 11K0F3E	60 W (ERP)	
454-455 MHz	MO	N0N 100HA1A 2K70J3E 11K0F3E 16K0F3E	50 W (ERP)	
794-806 MHz	MO	N0N 11K0F3E 16K0F3E	50 W (ERP)	
940-941 MHz	MO	N0N 11K0F3E 16K0F3E	50 W (ERP)	

Frequency Information

MOBILE: At and Around Milford, NH, within 30 km, centered around NL 42-48-01; WL 71-42-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1670-1675 MHz	MO	N0N 11K0F3E 16K0F3E	50 W (ERP)	
2305-2310 MHz	MO	N0N 11K0F3E 16K0F3E	30 mW (ERP)	
4800-4940 MHz	MO	N0N 11K0F3E 16K0F3E	50 W (ERP)	
5251-5349 MHz	MO	N0N 11K0F3E 16K0F3E	50 W (ERP)	
5461-5599 MHz	MO	N0N 11K0F3E 16K0F3E	50 W (ERP)	
5651-5849 MHz	MO	N0N 11K0F3E 16K0F3E	50 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.