

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WH2XHR

(Call Sign)

0131-EX-ML-2015

(File Number)

NAME DRS Technical Services, 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(bc) of the Commission's Rules

Station Locations

- (1) MOBILE: Fort Dix Site 1, within 10 km, centered around NL 40-00-53; WL 74-26-19
- (2) MOBILE: Fort Dix Site 1, within 10 km, centered around NL 40-00-53; WL 74-26-19
- (3) MOBILE: Fort Bliss Site 2, within 10 km, centered around NL 32-24-41; WL 106-01-37
- (4) MOBILE: Fort Bliss Site 3, within 10 km, centered around NL 32-17-12; WL 106-18-07
- (5) MOBILE: Fort Hauchuca Site 1, within 10 km, centered around NL 31-30-17; WL 110-18-47
- (6) MOBILE: Fort Bliss Site 1, within 10 km, centered around NL 31-54-41; WL 106-09-18
- (7) MOBILE: Fort Bliss Site 4, within 10 km, centered around NL 32-03-33; WL 106-11-31
- (8) MOBILE: APG Site 1, within 10 km, centered around NL 39-28-27; WL 76-08-48
- (9) MOBILE: Fort Bliss Site 2, within 10 km, centered around NL 32-24-41; WL 106-01-37
- (10) MOBILE: Fort Bliss Site 1, within 10 km, centered around NL 31-54-41; WL 106-09-18
- (11) MOBILE: Fort Huachuca Site 1, within 10 km, centered around NL 31-30-17; WL 110-18-47
- (12) MOBILE: Fort Bliss Site 3, within 10 km, centered around NL 32-17-12; WL 106-18-07
- (13) MOBILE: Fort Bliss Site 4, within 10 km, centered around NL 32-03-33; WL 106-11-31
- (14) MOBILE: APG Site 1, within 10 km, centered around NL 39-28-27; WL 76-08-48
- (15) MOBILE: Fort Bliss Site 2, within 10 km, centered around NL 32-24-41; WL 106-18-07
- (16) MOBILE: Fort Bliss Site 1, within 10 km, centered around NL 31-54-41; WL 106-09-18
- (17) MOBILE: Fort Bliss Site 3, within 10 km, centered around NL 32-17-12; WL 106-18-07
- (18) MOBILE: Fort Bliss Site 4, within 10 km, centered around NL 32-03-33; WL 106-11-31
- (19) MOBILE: Fort Bragg Site 1, within 16 km, centered around NL 35-07-24; WL 79-08-45
- (20) MOBILE: Mountain Home Site 1, within 10 km, centered around NL 42-30-52; WL 115-21-15
- (21) MOBILE: Mountain Home Site 2, within 10 km, centered around NL 42-41-13; WL 115-23-02

This authorization effective July 23, 2015 and
will expire 3:00 A.M. EST November 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

- (22) MOBILE: Mountain Home Site 3, within 10 km, centered around NL 42-37-38; WL 115-30-33
- (23) MOBILE: Fort Bragg Site 2, within 16 km, centered around NL 35-01-56; WL 79-30-43
- (24) MOBILE: Fort Bragg Site 3, within 10 km, centered around NL 35-07-10; WL 78-56-25
- (25) MOBILE: Mountain Home Site 1, within 10 km, centered around NL 42-30-52; WL 115-21-15
- (26) MOBILE: Mountain Home Site 1, within 10 km, centered around NL 42-41-13; WL 115-23-02
- (27) MOBILE: Mountain Home Site 3, within 10 km, centered around NL 42-37-38; WL 115-30-33
- (28) MOBILE: Fort Bragg Site 1, within 10 km, centered around NL 35-07-24; WL 79-08-45
- (29) MOBILE: Fort Bragg Site 2, within 10 km, centered around NL 35-01-56; WL 79-30-43
- (30) MOBILE: Fort Bragg Site 3, within 10 km, centered around NL 35-07-10; WL 79-56-25
- (31) MOBILE: , within 5 km, centered around NL 40-00-53; WL 74-26-19
- (32) MOBILE: , within 5 km, centered around NL 39-28-27; WL 76-08-48

Frequency Information

MOBILE: Fort Dix Site 1, within 10 km, centered around NL 40-00-53; WL 74-26-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-746 MHz	MO	10M0G2D	252 W (ERP)	5 %

MOBILE: Fort Dix Site 1, within 10 km, centered around NL 40-00-53; WL 74-26-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-2170 MHz	MO	4M20F9W	504 W (ERP)	10 %

MOBILE: Fort Bliss Site 2, within 10 km, centered around NL 32-24-41; WL 106-01-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-746 MHz	MO	10M0G2D	251 W (ERP)	5 %

Frequency Information

MOBILE: Fort Bliss Site 3, within 10 km, centered around NL 32-17-12; WL 106-18-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-746 MHz	MO	10M0G2D	251 W (ERP)	5 %

MOBILE: Fort Hauchuca Site 1, within 10 km, centered around NL 31-30-17; WL 110-18-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-746 MHz	MO	10M0G2D	251 W (ERP)	5 %

MOBILE: Fort Bliss Site 1, within 10 km, centered around NL 31-54-41; WL 106-09-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-746 MHz	MO	10M0G2D	252 W (ERP)	5 %

MOBILE: Fort Bliss Site 4, within 10 km, centered around NL 32-03-33; WL 106-11-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-746 MHz	MO	10M0G2D	252 W (ERP)	5 %

Frequency Information

MOBILE: APG Site 1, within 10 km, centered around NL 39-28-27; WL 76-08-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-746 MHz	MO	10M0G2D	252 W (ERP)	5 %

MOBILE: Fort Bliss Site 2, within 10 km, centered around NL 32-24-41; WL 106-01-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-2170 MHz	MO	4M20F9W	502 W (ERP)	10 %

MOBILE: Fort Bliss Site 1, within 10 km, centered around NL 31-54-41; WL 106-09-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-2170 MHz	MO	4M20F9W	502 W (ERP)	10 %

MOBILE: Fort Huachuca Site 1, within 10 km, centered around NL 31-30-17; WL 110-18-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-2170 MHz	MO	4M20F9W	502 W (ERP)	10 %

Frequency Information

MOBILE: Fort Bliss Site 3, within 10 km, centered around NL 32-17-12; WL 106-18-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-2170 MHz	MO	4M20F9W	502 W (ERP)	10 %

MOBILE: Fort Bliss Site 4, within 10 km, centered around NL 32-03-33; WL 106-11-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-2170 MHz	MO	4M20F9W	502 W (ERP)	10 %

MOBILE: APG Site 1, within 10 km, centered around NL 39-28-27; WL 76-08-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-2170 MHz	MO	4M20F9W	502 W (ERP)	10 %

MOBILE: Fort Bliss Site 2, within 10 km, centered around NL 32-24-41; WL 106-18-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
925-960 MHz	MO	250KGXW	501 W (ERP)	0.05 %

Frequency Information

MOBILE: Fort Bliss Site 1, within 10 km, centered around NL 31-54-41; WL 106-09-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
925-960 MHz	MO	250KGXW	501 W (ERP)	0.05 %

MOBILE: Fort Bliss Site 3, within 10 km, centered around NL 32-17-12; WL 106-18-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
925-960 MHz	MO	250KGXW	501 W (ERP)	0.05 %

MOBILE: Fort Bliss Site 4, within 10 km, centered around NL 32-03-33; WL 106-11-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
925-960 MHz	MO	250KGXW	501 W (ERP)	0.05 %

MOBILE: Fort Bragg Site 1, within 16 km, centered around NL 35-07-24; WL 79-08-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-746 MHz	MO	10M0G2D	252 W (ERP)	74.6 %

Frequency Information

MOBILE: Mountain Home Site 1, within 10 km, centered around NL 42-30-52; WL 115-21-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-746 MHz	MO	10M0G2D	252 W (ERP)	5 %

MOBILE: Mountain Home Site 2, within 10 km, centered around NL 42-41-13; WL 115-23-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-746 MHz	MO	10M0G2D	252 W (ERP)	5 %

MOBILE: Mountain Home Site 3, within 10 km, centered around NL 42-37-38; WL 115-30-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-746 MHz	MO	10M0G2D	252 W (ERP)	5 %

MOBILE: Fort Bragg Site 2, within 16 km, centered around NL 35-01-56; WL 79-30-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-746 MHz	MO	10M0G2D	252 W (ERP)	5 %

Frequency Information

MOBILE: Fort Bragg Site 3, within 10 km, centered around NL 35-07-10; WL 78-56-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-746 MHz	MO	10M0G2D	252 W (ERP)	5 %

MOBILE: Mountain Home Site 1, within 10 km, centered around NL 42-30-52; WL 115-21-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-2170 MHz	MO	4M20F9W	504 W (ERP)	10 %

MOBILE: Mountain Home Site 1, within 10 km, centered around NL 42-41-13; WL 115-23-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-2170 MHz	MO	4M20F9W	504 W (ERP)	10 %

MOBILE: Mountain Home Site 3, within 10 km, centered around NL 42-37-38; WL 115-30-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-2170 MHz	MO	4M20F9W	504 W (ERP)	10 %

Frequency Information

MOBILE: Fort Bragg Site 1, within 10 km, centered around NL 35-07-24; WL 79-08-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-2170 MHz	MO	4M20F9W	504 W (ERP)	10 %

MOBILE: Fort Bragg Site 2, within 10 km, centered around NL 35-01-56; WL 79-30-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-2170 MHz	MO	4M20F9W	504 W (ERP)	10 %

MOBILE: Fort Bragg Site 3, within 10 km, centered around NL 35-07-10; WL 79-56-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1920-2170 MHz	MO	4M20F9W	504 W (ERP)	10 %

MOBILE: , within 5 km, centered around NL 40-00-53; WL 74-26-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-716 MHz	MO	10M0M7D	31 W (ERP)	0.1 %
704-716 MHz	MO	10M0M7D	95.1 W (ERP)	0.1 %
704-716 MHz	MO	10M0M7D	16 W (ERP)	0.1 %

Frequency Information

MOBILE: , within 5 km, centered around NL 40-00-53; WL 74-26-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-716 MHz	MO	10M0G2D 10M0M7D	951 W (ERP)	0.1 %
704-716 MHz	MO	8M00M7D	634 W (ERP)	0.1 %
704-716 MHz	MO	8M00M7D	63.4 W (ERP)	0.1 %
704-716 MHz	MO	10M0M7D	32 W (ERP)	0.1 %
704-716 MHz	MO	10M0M7D	476 W (ERP)	0.1 %

MOBILE: , within 5 km, centered around NL 39-28-27; WL 76-08-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-716 MHz	MO	10M0G2D	951 W (ERP)	0.1 %
704-716 MHz	MO	10M0M7D	31.7 W (ERP)	0.1 %
704-716 MHz	MO	10M0M7D	95.1 W (ERP)	0.1 %
704-716 MHz	MO	10M0M7D 10M0M7D	15.9 W (ERP)	0.1 %

Frequency Information

MOBILE: , within 5 km, centered around NL 39-28-27; WL 76-08-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-716 MHz	MO	10M0M7D	15.9 W (ERP)	0.1 %
704-716 MHz	MO	8M00M7D	63.4 W (ERP)	0.1 %
704-716 MHz	MO	10M0M7D	475.5 W (ERP)	0.1 %
704-716 MHz	MO	8M00M7D	634 W (ERP)	0.1 %

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (2) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.