

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WF2XNF

(Call Sign)

XT FX MO

(Class of Station)

1330-EX-ST-2015

(File Number)

NAME Harris Corporation

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Demonstrations of a HF Wideband waveform for US Special Operations Command.

Station Locations

- (1) Fairchild (SPOKANE), WA - NL 47-36-54; WL 117-39-20; MOBILE:within 16 km
- (2) Albuquerque (BERNALILLO), NM - NL 35-02-25; WL 106-36-33; MOBILE:within 16 km

Frequency Information

Fairchild (SPOKANE), WA - NL 47-36-54; WL 117-39-20; MOBILE:within 16 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6060 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
6060 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
6160 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

This authorization effective February 01, 2016 and
will expire 3:00 A.M. EST March 16, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Fairchild (SPOKANE), WA - NL 47-36-54; WL 117-39-20; MOBILE:within 16 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6160 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
6970 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
6970 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
7410 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7410 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
7483 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7483 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
7650 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7650 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
7698 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Fairchild (SPOKANE), WA - NL 47-36-54; WL 117-39-20; MOBILE:within 16 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7698 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
7990 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7990 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
8060 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
8060 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
9050 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
9050 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
9350 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
9350 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
10200 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Fairchild (SPOKANE), WA - NL 47-36-54; WL 117-39-20; MOBILE:within 16 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10200 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
10400 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10400 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
10600 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10600 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
10800 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10800 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
11550 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
11550 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
12090 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Fairchild (SPOKANE), WA - NL 47-36-54; WL 117-39-20; MOBILE:within 16 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12090 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
13850 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
13850 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
14550 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
14550 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16684.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16684.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16685.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16685.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16687.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Fairchild (SPOKANE), WA - NL 47-36-54; WL 117-39-20; MOBILE:within 16 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16687.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16692.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16692.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16811 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16811 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
18200 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
18200 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
19400 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
19400 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
20800 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Fairchild (SPOKANE), WA - NL 47-36-54; WL 117-39-20; MOBILE:within 16 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
20800 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
22288.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22288.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
22297 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22297 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
22380.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
22380.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %

Albuquerque (BERNALILLO), NM - NL 35-02-25; WL 106-36-33; MOBILE:within 16 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6060 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
6060 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Albuquerque (BERNALILLO), NM - NL 35-02-25; WL 106-36-33; MOBILE:within 16 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6160 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
6160 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
6970 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
6970 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
7410 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7410 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
7483 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7483 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
7650 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7650 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Albuquerque (BERNALILLO), NM - NL 35-02-25; WL 106-36-33; MOBILE:within 16 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7698 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7698 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
7990 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
7990 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
8060 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
8060 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
9050 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
9050 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
9350 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
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Albuquerque (BERNALILLO), NM - NL 35-02-25; WL 106-36-33; MOBILE:within 16 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10200 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10200 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
10400 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10400 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
10600 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10600 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
10800 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
10800 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
11550 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
11550 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %

Frequency Information

Albuquerque (BERNALILLO), NM - NL 35-02-25; WL 106-36-33; MOBILE:within 16 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12090 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
12090 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
13850 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
13850 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
14550 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
14550 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16684.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16684.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16685.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
16685.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %

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16692.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
16811 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
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18200 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
19400 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
19400 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %

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20800 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
20800 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
22288.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22288.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
22297 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22297 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %
22380.5 kHz	FX	24K0J1D	1 kW (ERP)	0.0015 %
22380.5 kHz	MO	24K0J1D	1 kW (ERP)	0.0015 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Harris Corporation must notch out the following frequencies due to possible interference with government systems:
K16529.4, K16532.4, K16535.4, K16695.5, K16696.5, K22160.4, K22163.4, K22166.4, K22169.4, K22172.4
- (3) Harris Corporation must understand all operations are on a non-interference basis and expected to cease operations if interference to government systems occurs as a result of this STA.