

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

EXPERIMENTAL

(Nature of Service)

WP9XDR

(Call Sign)

XT FX

(Class of Station)

1582-EX-ST-2019

(File Number)

NAME Ericsson

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:

Trial to test fiber replacement with wireless network for a onshore Windfarm.

Station Locations

(1) Grayland (GRAYS HARBOR), WA - NL 46-47-36; WL 124-04-24

Frequency Information

Grayland (GRAYS HARBOR), WA - NL 46-47-36; WL 124-04-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1995 MHz	FX	20M0F7D	20 W (ERP)	
27500-28350 MHz	FX	800MF7D	316 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective October 01, 2019 and
will expire 3:00 A.M. EST April 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) 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.
- (3) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
1910-1915 MHz/1990-1995 MHz Bands licensee (Sprint)
- (4) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) Ericsson must avoid pointing the transmitting antenna main beam gain within 10 degrees of any point on the geostationary orbital arc while transmitting signals in the 27.5-28.35 GHz frequency band.
- (6) Ericsson shall ensure that the transmitting fixed station antenna(s) main beam gain tip down when possible and avoid pointing above the horizon to protect satellite stations.
- (7) Ericsson shall coordinate with the incumbent fixed microwave in each corresponding proposed venue prior to conducting the testing.