

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

EXPERIMENTAL

(Nature of Service)

WM9XDH

(Call Sign)

XT MO

(Class of Station)

1618-EX-ST-2017

(File Number)

NAME Volvo Ocean Race

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:

To provide temporary video broadcasting for the Volvo Ocean Race held in Newport, RI.

Station Locations

- (1) MOBILE: Out over the ocean from Fort Adams, Newport, RI, within 72 km, centered around NL 41-28-48; WL 71-20-13

Frequency Information

MOBILE: Out over the ocean from Fort Adams, Newport, RI, within 72 km, centered around NL 41-28-48; WL 71-20-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
403-449 MHz	MO	25K0F8W	30 W (ERP)	
606-666 MHz	MO	25K0F8W	10 mW (ERP)	
1980-2199 MHz	MO	8M00D7W	5 W (ERP)	

This authorization effective April 25, 2018 and
will expire 3:00 A.M. EST May 26, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Out over the ocean from Fort Adams, Newport, RI, within 72 km, centered around NL 41-28-48; WL 71-20-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2291-2315 MHz	MO	8M00D7W	5 W (ERP)	
2350-2495 MHz	MO	8M00D7W	5 W (ERP)	
2495-2600 MHz	MO	8M00D7W	5 W (ERP)	
5500-5849 MHz	MO	8M00F9W	2 W (ERP)	
5530-5580 MHz	MO	8M00D7W	2 W (ERP)	
5670-5849 MHz	MO	8M00D7W	2 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operation is NOT PERMITTED to the use of Public Safety frequencies in the 450-470 MHz and 4940-4990 MHz frequency bands.
- (4) The applicant must obtain consents from the Advance Wireless Service licensees prior to accessing to 1980-2200 MHz band.
- (5) The applicant must obtain consents from the Educational Broadband Service and the Broadband Radio Service licensees prior to operation in 2495-2600 MHz band.
- (6) Operation is subject to prior coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 403-470 MHz, 606-666 MHz, 1980-2200 MHz, and 2350-2495 MHz bands.
- (7) Operation is subject to prior coordinate with Fixed Microwave Service licensees prior to operation in 2350-2495 MHz band.

Special Conditions:

- (8) The applicant must obtain "consent" of the licensees prior to operation of the following frequency bands within 50 miles of the test area:
 - oBroadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
 - oWCS licensees (2305-2320 MHz/2345-2360 MHz)
- (9) Operation is subject to prior operation with the Aerospace and Flight Test Radio Coordinating Council (AFTRCC), concerning Aeronautical and Fixed frequencies (2345-2390 MHz).
- (10) Volvo Ocean Race must notch out the following frequencies in order to prevent potential interference to operations in the area;
 - a.The following at +/- 12.5 KHz - 408.825 MHz, 409.175 MHz, 409.550 MHz, 409.800 MHz, 409.825 MHz, 411.7875 MHz, 412.5375 MHz, 412.9375 MHz, 412.975 MHz, 413.000 MHz, 413.025 MHz, 413.1125 MHz, 413.5875 MHz, 413.6000 MHz, 414.0125 MHz, 414.6625 MHz, 415.000 MHz, 417.825 MHz
 - b.The band 5605 - 5615 MHz
- (11) NTIA objects to the use the 406 - 406.1 MHz band IAW ITU RR 5.267 to prevent causing harmful interference to authorized users.
- (12) NTIA objects to the use the 2200 - 2290 MHz band due to on-going operations in the area requested.
- (13) NTIA objects to the use the 5850 - 5920 MHz band due to ongoing deployments of DSRC in the area requested.
- (14) A Stop Buzzer POC must be provided.