

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

EXPERIMENTAL

(Nature of Service)

WJ9XOY

(Call Sign)

XT MO

(Class of Station)

0317-EX-ST-2016

(File Number)

NAME MRTC Motorsport Communications

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 facilitate the use of communications systems for operational communications.

Station Locations

- (1) MOBILE: Near Long Beach Convention Center, within 5 km, centered around NL 33-45-50; WL 118-11-18

Frequency Information

MOBILE: Near Long Beach Convention Center, within 5 km, centered around NL 33-45-50; WL 118-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154-165.32 MHz	MO	8K30F1E	5 W (ERP)	
406-409.6 MHz	MO	8K50F3E	4 W (ERP)	
416-420 MHz	MO	8K50F3E	4 W (ERP)	

This authorization effective April 01, 2016 and
will expire 3:00 A.M. EST April 04, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Near Long Beach Convention Center, within 5 km, centered around NL 33-45-50; WL 118-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
440-469 MHz	MO	8K30F3E	4 W (ERP)	
600-608 MHz	MO	200KF3E 11K2F3E	0.25 W (ERP)	
2025-2110 MHz	MO	8M00D7W	0.5 W (ERP)	
2180-2290 MHz	MO	8M00D7W	0.5 W (ERP)	
2390-2416 MHz	MO	8M00D7W	0.5 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.
- (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) Operation is subject to notification of 454-459 MHz paging licensees within 25 miles of the requested locations.
- (4) All of the devices will be retrieved by MRTC Motorsport Communications from the participants upon completion of the operation.
- (5) Secure consents from the AWS licensees prior to accessing to 2180-2290 MHz band.
- (6) Coordinate with the local SBE frequency coordinator prior to operation in 154-165.32 MHz, 440-469 MHz, 600-608 MHz and 2025-2110 MHz bands.

Special Conditions:

- (7) The following frequencies must be notched to protect Department of Interior operations in the area:
- | | |
|------------------------|-------------------------|
| M162.2375 +/- 6.25 KHz | M162.809375 +/- 2.5 KHz |
| M164.1625 +/- 6.25 KHz | M164.1625 +/- 6.25 KHz |
| M164.1625 +/- 6.25 KHz | M164.1625 +/- 6.25 KHz |
| M164.1625 +/- 6.25 KHz | M164.1625 +/- 6.25 KHz |
| M406.475 +/- 6.25 KHz | M406.9125 +/- 6.25 KHz |
| M408.6625 +/- 6.25 KHz | M408.675 +/- 6.25 KHz |
| M417.6625 +/- 6.25 KHz | |
- (8) The following frequencies must be notched +/- 6.25 KHz to protect Department of Agriculture operations in the area:
- M163.7125
M164.125
M164.3250
M164.3625
M164.625
M164.800
M164.825
M164.875
M164.9375
M406.275
M406.325
M406.525
M407.55
M410.275
M416.55
M419.275
- (9) The following frequencies must be notched to protect Coast Guard operations in the area:
- SEARCH AND RESCUE
- | | |
|------------------------|---|
| M156.8 +/- 12.5 KHz | Channel 16 International Calling and Distress |
| M156.525 +/- 12.5 KHz | Channel 70 Digital Select Calling (DSC) |
| M161.975 +/- 10 KHz | AIS I |
| M162.025 +/- 10 KHz | AIS II |
| M406-406.1 | EPIRB/ELT/PLB |
| M156.3000 +/- 12.5 KHz | M156.4500 +/- 12.5 KHz |
| M156.6000 +/- 12.5 KHz | M157.0500 +/- 12.5 KHz |
| M157.1000 +/- 12.5 KHz | M157.1500 +/- 12.5 KHz |
| M157.0750 +/- 12.5 KHz | M157.1750 +/- 12.5 KHz |
| M163.1375 +/- 6.25 KHz | M164.9000 +/- 6.25 KHz |

Special Conditions:

- (10) The following frequencies must be notched +/- 12.5 KHz to protect Federal Aviation operations:
- M162.1375
 - M162.3375
 - M408.8250
 - M409.5750
 - M409.6000
 - M416.8750
 - M417.6500
 - M418.5750
 - M409.0250
- (11) Continued use of the Maritime Mobile Band and federal Land Mobile Radio bands in the future may not be supportable due to the Radio Frequency congestion in urban areas. Future support will be on a case-by-case basis.