

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

EXPERIMENTAL

(Nature of Service)

WN9XOS

(Call Sign)

XT MO

(Class of Station)

1802-EX-ST-2018

(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:

Terrestrial only, voice communications between racing cars and pit crews; and two-way operational communications.

Station Locations

- (1) MOBILE: Circuit of the Americas Motor Speedway, Austin, TX, within 1.6 km, centered around NL 30-08-02; WL 97-38-18

Frequency Information

MOBILE: Circuit of the Americas Motor Speedway, Austin, TX, within 1.6 km, centered around NL 30-08-02; WL 97-38-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
148.9 MHz	MO	11K2F3E	5 W (ERP)	
150.85 MHz	MO	11K2F3E	5 W (ERP)	
152.4 MHz	MO	11K2F3E	5 W (ERP)	

This authorization effective November 15, 2018 and
will expire 3:00 A.M. EST November 19, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
152.6625 MHz	MO	11K2F3E	5 W (ERP)	
153.5 MHz	MO	11K2F3E	5 W (ERP)	
154.1125 MHz	MO	11K2F3E	5 W (ERP)	
155.46 MHz	MO	11K2F3E	5 W (ERP)	
156.7 MHz	MO	11K2F3E	5 W (ERP)	
159.025 MHz	MO	11K2F3E	5 W (ERP)	
159.475 MHz	MO	11K2F3E	5 W (ERP)	
159.5375 MHz	MO	11K2F3E	5 W (ERP)	
159.6 MHz	MO	11K2F3E	5 W (ERP)	
159.65 MHz	MO	11K2F3E	5 W (ERP)	

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159.6625 MHz	MO	11K2F3E	5 W (ERP)	
159.6875 MHz	MO	11K2F3E	5 W (ERP)	
159.7875 MHz	MO	11K2F3E	5 W (ERP)	
159.8625 MHz	MO	11K2F3E	5 W (ERP)	
159.94375 MHz	MO	11K2F3E	5 W (ERP)	
159.9625 MHz	MO	11K2F3E	5 W (ERP)	
160.0875 MHz	MO	11K2F3E	5 W (ERP)	
160.125 MHz	MO	11K2F3E	5 W (ERP)	
160.3 MHz	MO	11K2F3E	5 W (ERP)	
163.83125 MHz	MO	11K2F3E	5 W (ERP)	

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
163.975 MHz	MO	11K2F3E	5 W (ERP)	
164.075 MHz	MO	11K2F3E	5 W (ERP)	
164.125 MHz	MO	11K2F3E	5 W (ERP)	
164.15 MHz	MO	11K2F3E	5 W (ERP)	
164.1875 MHz	MO	11K2F3E	5 W (ERP)	
164.31875 MHz	MO	11K2F3E	5 W (ERP)	
164.35 MHz	MO	11K2F3E	5 W (ERP)	
164.5125 MHz	MO	11K2F3E 11K2F3E	5 W (ERP)	
164.625 MHz	MO	11K2F3E	5 W (ERP)	
164.725 MHz	MO	11K2F3E	5 W (ERP)	

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164.8625 MHz	MO	11K2F3E	5 W (ERP)	
165.2625 MHz	MO	11K2F3E	5 W (ERP)	
165.3875 MHz	MO	11K2F3E	5 W (ERP)	
165.41875 MHz	MO	11K2F3E	5 W (ERP)	
168.9625 MHz	MO	11K2F3E	5 W (ERP)	
169.05 MHz	MO	11K2F3E	5 W (ERP)	
169.2125 MHz	MO	11K2F3E	5 W (ERP)	
169.49375 MHz	MO	11K2F3E	5 W (ERP)	
169.575 MHz	MO	11K2F3E	5 W (ERP)	
169.6625 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
459.6 MHz	MO	11K2F3E	10 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) The stop buzzer contact is Christopher Imlay, Phone: 301-384-5525.
- (5) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (6) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (7) MRTC Motorsport Communications must not operate on 164.2375 MHz or 168.8625 MHz, due to ongoing law enforcement operations.
- (8) Prior to commencing any operations, the licensee must obtain consent from the following within 50 miles of the contours of the testing area:
 - Paging Service licensees in 152 MHz
 - Paging Service licensees in 152 MHz/158 MHz
 - Paging Service licensees in 454 MHz/459 MHz
 - General Aviation Air-Ground Service in 454 MHz/459 MHz