

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

EXPERIMENTAL

(Nature of Service)

WM9XQX

(Call Sign)

XT MO

(Class of Station)

0705-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:

Testing of automobile racing communications system involving one race team and multiple race vehicles. Please see attached narrative and frequency coordination exhibit.

Station Locations

- (1) MOBILE: Lexington, OH. Mid Ohio Sports Car Course, within 5 km, centered around NL 40-41-13; WL 82-38-06
- (2) MOBILE: Detroit, MI. The Raceway at Belle Isle, Detroit, MI, within 5 km, centered around NL 42-20-35; WL 82-58-27

Frequency Information

MOBILE: Lexington, OH. Mid Ohio Sports Car Course, within 5 km, centered around NL 40-41-13; WL 82-38-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.0875 MHz	MO	11K2F3E	5 W (ERP)	
154.8125 MHz	MO	11K2F3E	5 W (ERP)	

This authorization effective May 04, 2018 and
will expire 3:00 A.M. EST June 03, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Lexington, OH. Mid Ohio Sports Car Course, within 5 km, centered around NL 40-41-13; WL 82-38-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
164.165625 MHz	MO	11K2F3E	5 W (ERP)	
164.47 MHz	MO	11K2F3E	5 W (ERP)	
167.15 MHz	MO	11K2F3E	5 W (ERP)	
167.2625 MHz	MO	11K2F3E	5 W (ERP)	
167.3875 MHz	MO	11K2F3E	5 W (ERP)	
167.4875 MHz	MO	11K2F3E	5 W (ERP)	
167.5375 MHz	MO	11K2F3E	5 W (ERP)	
167.925 MHz	MO	11K2F3E	5 W (ERP)	
168.1875 MHz	MO	11K2F3E	5 W (ERP)	
171.8625 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

MOBILE: Lexington, OH. Mid Ohio Sports Car Course, within 5 km, centered around NL 40-41-13; WL 82-38-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
171.975 MHz	MO	11K2F3E	5 W (ERP)	
172.075 MHz	MO	11K2F3E	5 W (ERP)	
172.1125 MHz	MO	11K2F3E	5 W (ERP)	
172.15 MHz	MO	11K2F3E	5 W (ERP)	
172.7125 MHz	MO	11K2F3E	5 W (ERP)	
172.9875 MHz	MO	11K2F3E	5 W (ERP)	
452.7 MHz	MO	11K2F3E	5 W (ERP)	
468.8375 MHz	MO	11K2F3E	5 W (ERP)	

MOBILE: Detroit, MI. The Raceway at Belle Isle, Detroit, MI, within 5 km, centered around NL 42-20-35; WL 82-58-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.0875 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

MOBILE: Detroit, MI. The Raceway at Belle Isle, Detroit, MI, within 5 km, centered around NL 42-20-35; WL 82-58-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.165625 MHz	MO	11K2F3E	5 W (ERP)	
154.8125 MHz	MO	11K2F3E	5 W (ERP)	
167.15 MHz	MO	11K2F3E	5 W (ERP)	
167.2625 MHz	MO	11K2F3E	5 W (ERP)	
167.3875 MHz	MO	11K2F3E	5 W (ERP)	
167.47 MHz	MO	11K2F3E	5 W (ERP)	
167.5375 MHz	MO	11K2F3E	5 W (ERP)	
167.925 MHz	MO	11K2F3E	5 W (ERP)	
168.1875 MHz	MO	11K2F3E	5 W (ERP)	
171.8625 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

MOBILE: Detroit, MI. The Raceway at Belle Isle, Detroit, MI, within 5 km, centered around NL 42-20-35; WL 82-58-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
171.975 MHz	MO	11K2F3E	5 W (ERP)	
172.15 MHz	MO	11K2F3E	5 W (ERP)	
172.7125 MHz	MO	11K2F3E	5 W (ERP)	
452.7 MHz	MO	11K2F3E	5 W (ERP)	
468.8375 MHz	MO	11K2F3E	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 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.
- (4) MRTC Motorsport Communications must notch out 167.4875 MHz, 172.075 MHz, 172.1125 MHz, 172.2875 MHz, 172.9875 MHz at the Detroit, MI location.
- (5) Operation is not permitted in 154.2875 MHz and 155.3625 MHz.