

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

EXPERIMENTAL

(Nature of Service)

WO9XEV

(Call Sign)

XT MO

(Class of Station)

0432-EX-ST-2019

(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 at multiple venues. 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: The Raceway at Belle Isle, Detroit, MI, within 5 km, centered around NL 42-20-35; WL 82-58-27
- (3) MOBILE: street race course Long Beach, CA, within 5 km, centered around NL 33-45-59; WL 118-11-34
- (4) MOBILE: Watkins Glen International Speedway, NY, within 5 km, centered around NL 42-20-13; WL 76-55-38
- (5) MOBILE: Road America Race Track Elkhart Lake, WI, within 5 km, centered around NL 43-47-51; WL 87-59-38
- (6) MOBILE: Weathertech Raceway Laguna Seca, CA, within 5 km, centered around NL 36-35-05; WL 121-45-10
- (7) MOBILE: Road Atlanta Speedway, Braselton, GA, within 5 km, centered around NL 34-08-48; WL 83-49-04

This authorization effective April 12, 2019 and
will expire 3:00 A.M. EST October 13, 2019

**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 (+/-)
154.0875 MHz	MO	11K2F3E	5 W (ERP)	
154.165625 MHz	MO	11K2F3E	5 W (ERP)	
154.8125 MHz	MO	11K2F3E	5 W (ERP)	
155.3625 MHz	MO	11K2F3E	5 W (ERP)	
164.47 MHz	MO	11K2F3E	5 W (ERP)	
167.3875 MHz	MO	11K2F3E	5 W (ERP)	
167.4875 MHz	MO	11K2F3E	5 W (ERP)	
168.1875 MHz	MO	11K2F3E	5 W (ERP)	
172.075 MHz	MO	11K2F3E	5 W (ERP)	
172.15 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 (+/-)
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: 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)	
154.165625 MHz	MO	11K2F3E	5 W (ERP)	
154.8125 MHz	MO	11K2F3E	5 W (ERP)	
155.3625 MHz	MO	11K2F3E	5 W (ERP)	
167.3875 MHz	MO	11K2F3E	5 W (ERP)	
167.47 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

MOBILE: 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 (+/-)
167.4875 MHz	MO	11K2F3E	5 W (ERP)	
168.1875 MHz	MO	11K2F3E	5 W (ERP)	
172.075 MHz	MO	11K2F3E	5 W (ERP)	
172.15 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: street race course Long Beach, CA, within 5 km, centered around NL 33-45-59; WL 118-11-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.0875 MHz	MO	11K2F3E	5 W (ERP)	
154.165625 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

MOBILE: street race course Long Beach, CA, within 5 km, centered around NL 33-45-59; WL 118-11-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.8125 MHz	MO	11K2F3E	5 W (ERP)	
155.3625 MHz	MO	11K2F3E	5 W (ERP)	
167.3875 MHz	MO	11K2F3E	5 W (ERP)	
167.47 MHz	MO	11K2F3E	5 W (ERP)	
168.1875 MHz	MO	11K2F3E	5 W (ERP)	
172.075 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)	

Frequency Information

MOBILE: Watkins Glen International Speedway, NY, within 5 km, centered around NL 42-20-13; WL 76-55-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.0875 MHz	MO	11K2F3E	5 W (ERP)	
154.165625 MHz	MO	11K2F3E	5 W (ERP)	
154.8125 MHz	MO	11K2F3E	5 W (ERP)	
155.3625 MHz	MO	11K2F3E	5 W (ERP)	
167.3875 MHz	MO	11K2F3E	5 W (ERP)	
167.47 MHz	MO	11K2F3E	5 W (ERP)	
167.4875 MHz	MO	11K2F3E	5 W (ERP)	
168.1875 MHz	MO	11K2F3E	5 W (ERP)	
172.075 MHz	MO	11K2F3E	5 W (ERP)	
172.15 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

MOBILE: Watkins Glen International Speedway, NY, within 5 km, centered around NL 42-20-13; WL 76-55-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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: Road America Race Track Elkhart Lake, WI, within 5 km, centered around NL 43-47-51; WL 87-59-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.0875 MHz	MO	11K2F3E	5 W (ERP)	
154.165625 MHz	MO	11K2F3E	5 W (ERP)	
154.8125 MHz	MO	11K2F3E	5 W (ERP)	
155.3625 MHz	MO	11K2F3E	5 W (ERP)	
167.3875 MHz	MO	11K2F3E	5 W (ERP)	
167.47 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

MOBILE: Road America Race Track Elkhart Lake, WI, within 5 km, centered around NL 43-47-51; WL 87-59-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
167.4875 MHz	MO	11K2F3E	5 W (ERP)	
168.1875 MHz	MO	11K2F3E	5 W (ERP)	
172.075 MHz	MO	11K2F3E	5 W (ERP)	
172.15 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: Weathertech Raceway Laguna Seca, CA, within 5 km, centered around NL 36-35-05; WL 121-45-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.0875 MHz	MO	11K2F3E	5 W (ERP)	
154.165625 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

MOBILE: Weathertech Raceway Laguna Seca, CA, within 5 km, centered around NL 36-35-05; WL 121-45-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.8125 MHz	MO	11K2F3E	5 W (ERP)	
155.3625 MHz	MO	11K2F3E	5 W (ERP)	
167.3875 MHz	MO	11K2F3E	5 W (ERP)	
167.47 MHz	MO	11K2F3E	5 W (ERP)	
167.4875 MHz	MO	11K2F3E	5 W (ERP)	
168.1875 MHz	MO	11K2F3E	5 W (ERP)	
172.075 MHz	MO	11K2F3E	5 W (ERP)	
172.15 MHz	MO	11K2F3E	5 W (ERP)	
172.9875 MHz	MO	11K2F3E	5 W (ERP)	
452.7 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

MOBILE: Weathertech Raceway Laguna Seca, CA, within 5 km, centered around NL 36-35-05; WL 121-45-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
468.8375 MHz	MO	11K2F3E	5 W (ERP)	

MOBILE: Road Atlanta Speedway, Braselton, GA, within 5 km, centered around NL 34-08-48; WL 83-49-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.0875 MHz	MO	11K2F3E	5 W (ERP)	
154.165625 MHz	MO	11K2F3E	5 W (ERP)	
154.8125 MHz	MO	11K2F3E	5 W (ERP)	
155.3625 MHz	MO	11K2F3E	5 W (ERP)	
167.3875 MHz	MO	11K2F3E	5 W (ERP)	
167.47 MHz	MO	11K2F3E	5 W (ERP)	
167.4875 MHz	MO	11K2F3E	5 W (ERP)	
168.1875 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

MOBILE: Road Atlanta Speedway, Braselton, GA, within 5 km, centered around NL 34-08-48; WL 83-49-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
172.075 MHz	MO	11K2F3E	5 W (ERP)	
172.15 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 11K2F3E	5 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 https://www.sbe.org/sections/freq_local.php 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) MRTC Motorsport Communications must notch out the following:
 - a. 172.1125 MHz (+/- 12.5 kHz)