

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

EXPERIMENTAL

(Nature of Service)

WR9XLF

(Call Sign)

XT MO

(Class of Station)

1901-EX-ST-2020

(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 race teams and race vehicles.
Please see attached narrative statement.

Station Locations

- (1) MOBILE: Daytona International Speedway, Daytona Beach, FL, within 5 km, centered around NL 29-11-11; WL 81-04-16

Frequency Information

MOBILE: Daytona International Speedway, Daytona Beach, FL, within 5 km, centered around NL 29-11-11; WL 81-04-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
148.9125 MHz	MO	11K2F3E	5 W (ERP)	
152.0375 MHz	MO	11K2F3E	5 W (ERP)	
153.4875 MHz	MO	11K2F3E	5 W (ERP)	

This authorization effective January 22, 2021 and
will expire 3:00 A.M. EST February 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Daytona International Speedway, Daytona Beach, FL, within 5 km, centered around NL 29-11-11; WL 81-04-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
154.0875 MHz	MO	11K2F3E	5 W (ERP)	
154.525 MHz	MO	11K2F3E	5 W (ERP)	
155.2375 MHz	MO	11K2F3E	5 W (ERP)	
156.55 MHz	MO	11K2F3E	5 W (ERP)	
158.2625 MHz	MO	11K2F3E	5 W (ERP)	
158.2875 MHz	MO	11K2F3E	5 W (ERP)	
158.45 MHz	MO	11K2F3E	5 W (ERP)	
158.525 MHz	MO	11K2F3E	5 W (ERP)	
158.5375 MHz	MO	11K2F3E	5 W (ERP)	
158.7375 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
158.7625 MHz	MO	11K2F3E	5 W (ERP)	
158.9 MHz	MO	11K2F3E	5 W (ERP)	
159.2125 MHz	MO	11K2F3E	5 W (ERP)	
159.3375 MHz	MO	11K2F3E	5 W (ERP)	
160.3375 MHz	MO	11K2F3E	5 W (ERP)	
160.45 MHz	MO	11K2F3E	5 W (ERP)	
162.85 MHz	MO	11K2F3E	5 W (ERP)	
162.9375 MHz	MO	11K2F3E	5 W (ERP)	
163.05 MHz	MO	11K2F3E	5 W (ERP)	
163.125 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
163.1375 MHz	MO	11K2F3E	5 W (ERP)	
163.1625 MHz	MO	11K2F3E	5 W (ERP)	
163.3375 MHz	MO	11K2F3E	5 W (ERP)	
163.3625 MHz	MO	11K2F3E	5 W (ERP)	
164.65 MHz	MO	11K2F3E	5 W (ERP)	
164.7125 MHz	MO	11K2F3E	5 W (ERP)	
164.9125 MHz	MO	11K2F3E	5 W (ERP)	
164.9875 MHz	MO	11K2F3E	5 W (ERP)	
165.2125 MHz	MO	11K2F3E	5 W (ERP)	
167.93 MHz	MO	11K2F3E	5 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
168.475 MHz	MO	11K2F3E	5 W (ERP)	
170.6625 MHz	MO	11K2F3E	5 W (ERP)	
170.975 MHz	MO	11K2F3E	5 W (ERP)	
171.2375 MHz	MO	11K2F3E	5 W (ERP)	
173.075 MHz	MO	11K2F3E	5 W (ERP)	
455.625 MHz	MO	11K2F3E	5 W (ERP)	
456.4875 MHz	MO	11K2F3E	5 W (ERP)	
460.1625 MHz	MO	11K2F3E	5 W (ERP)	
466.175 MHz	MO	11K2F3E	5 W (ERP)	
466.45 MHz	MO	11K2F3E	5 W (ERP)	

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
466.7125 MHz	MO	11K2F3E	5 W (ERP)	
467.95 MHz	MO	11K2F3E	5 W (ERP)	
468.0875 MHz	MO	11K2F3E	5 W (ERP)	
468.2 MHz	MO	11K2F3E	5 W (ERP)	
468.55 MHz	MO	11K2F3E	5 W (ERP)	
468.825 MHz	MO	11K2F3E	5 W (ERP)	
468.8375 MHz	MO	11K2F3E	5 W (ERP)	
469.075 MHz	MO	11K2F3E	5 W (ERP)	
469.3125 MHz	MO	11K2F3E	5 W (ERP)	
469.7 MHz	MO	11K2F3E	1 W (ERP)	

Frequency Information

MOBILE: Daytona International Speedway, Daytona Beach, FL, within 5 km, centered around NL 29-11-11; WL 81-04-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
469.75 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) The stop buzzer contact in the United States will be undersigned counsel, whose mobile number is (301) 351-3795, or Scott Christopher Imlay at (301) 384-5525, chris.imlay@gmail.com
- (4) Prior to commencing any operations in the 148-150.05 MHz and 161-163 MHz frequency bands, experimental licensee must notify licensee of ORBCOMM License Corp. (Mr. Walter H. Sonnenfeldt, Phone Number: 585-461-3018, E-Mail: sonnenfeldt.walter@orbcomm.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (5) Prior to commencing any operations in the 156.0125-162.0375 MHz frequency band, experimental licensee must notify licensee of Iridium Constellation LLC (Ms. Maureen C McLaughlin, Phone Number: : 703-287-7518 E-Mail: : maureen.mclaughlin@iridium.com) or Name: Jennifer Hindin, Phone Number: 2027194975 E-Mail: jhindin@wileyrein.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (6) Prior to commencing any operations in the frequencies below, the applicant 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 158 MHz
Paging Service licensees in 152 MHz/158 MHz
- (7) The applicant shall coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in the proposed frequency bands.
- (8) MRTC Motorsport Communications must notch out 163.05 MHz (+/- 5.5 kHz) due to ongoing federal operations in the requested area.