

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

EXPERIMENTAL

(Nature of Service)

WA8XHB

(Call Sign)

XT MO

(Class of Station)

1519-EX-ST-2026

(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 telemetry for racing cars, two-way operational, and security communications during automobile race events

Station Locations

- (1) MOBILE: Indianapolis, IN Indianapolis Motor Speedway, within 5 km, centered around NL 39-47-41; WL 86-14-06
- (2) MOBILE: Atlanta, GA Road Atlanta, within 5 km, centered around NL 34-08-51; WL 83-48-53

Frequency Information

MOBILE: Indianapolis, IN Indianapolis Motor Speedway, within 5 km, centered around NL 39-47-41; WL 86-14-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
146-174 MHz	MO	12K5F3E 12K5F1D	5 W (ERP)	
440-470 MHz	MO	12K5F3E 12K5F1D	5 W (ERP)	

This authorization effective September 18, 2026 and
will expire 3:00 A.M. ET October 04, 2026

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Atlanta, GA Road Atlanta, within 5 km, centered around NL 34-08-51; WL 83-48-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
146-173.5 MHz	MO	12K5F3E 12K5F1D	5 W (ERP)	
440-470 MHz	MO	12K5F3E 12K5F1D	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) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/resources/frequency-coordination/> to find the appropriate coordinator.
- (3) All of the experimental devices be retrieved by MRTC Motorsport Communications from the participants upon completion of the operation.
- (4) Transmissions on frequencies allocated to Part 90.20, Public Safety Pool must be notched out prior to commence operations.

Special Conditions:

- (5) Prior to commencing operations in the authorized frequency band(s), the experimental licensee must notify the potentially affected licensees below. 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 also include the testing parameters (e.g., specific location(s), frequency bands, antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.

Frequency Bands: 148-150.05 MHz, 161-163 MHz (Call sign S2103)

Licensee: ORBCOMM License Corp. Phone Number: 585-461-3018

ATTN: Mr. Walter H. Sonnenfeldt E-Mail: sonnenfeldt.walter@orbcomm.com

Frequency Bands: 156.0125-162.0375 MHz (E-s) (2nd Gen only) (Call sign S2110)

Licensee: Iridium Constellation LLC Phone Number: 202-230-4644

ATTN: Mr. Kara Azocar E-Mail: kara.azocar@iridium.com

Frequency Bands: 161.9625-161.9875 MHz, 162.0125-162.0375 MHz

449.75-450.25 MHz (Call sign S2862, S2912)

Licensee: Planet Labs PBC Phone Number: 202-221-5402

ATTN: Mr. Danielle Pineres E-Mail: compliance@planet.com

Frequency Bands: 156.7625-156.7875 MHz 156.8125-156.8375 MHz ,

161.9625-161.9875 MHz (AIS 1) 156.7625-156.7875 MHz (AIS

3) 156.8125-156.8375 MHz (AIS 4) 161.9625-161.9875 MHz (AIS 1)

162.0125-162.0375 MHz (AIS 2) 161.9375-161.9625 MHz (ASM 1))

161.9875-162.0125 MHz (ASM 2) 449.75-450.25 MHz (E-s) (Call sign S2946)

Frequency Bands: 449.75-450.25 MHz (E-s) (Call sign S3045)

Frequency Bands: 130-183 MHz (VHS) 310-508 MHz (UHS) 156.7625-156.7875

MHz (AIS 3) 156.8125-156.8375 MHz (AIS 4) 161.9625-161.9875 MHz (AIS 1)

162.0125-162.0375 MHz (AIS 2) 161.9375-161.9625 MHz (ASM 1))

161.9875-162.0125 MHz (ASM 2) 449.75-450.25 MHz (E-s) (Call sign S3213)

Licensee: Spire Global, Inc. Phone Number: 415-356-3400

ATTN: Ms Francisca Adeuyi E-Mail: francisca.adeuyi@spire.com

Frequency Bands: Space-to-Earth: 137.0250-137.1750 MHz 137.3275-137.3750 MHz:

137.4725-137.5350 MHz 137.5850-137.6500 MHz 137.8125-138.0000 MHz

Earth-to-space: 148.2500-148.5850 MHz 148.6350-148.7500 MHz

149.9000-149.9500 MHz

(Call sign S2983/3018) Call sign S2992/3069)

Licensee: Space Exploration Holdings, LLC, Phone Number: 202-649-2700

ATTN: Mr David Goldman, E-Mail: david.goldman@spacex.com

Frequency Bands: 449.75-450.25 MHz (Earth-to-space) (Call sign S3032)

Licensee: BlackSky Global LLC Phone Number: 203-815-4378

ATTN: Ms Jenifer Lamie E-Mail: jlamie@blacksky.com francisca.adeuyi@spire.com

Frequency Bands: 137.0250-137.1750 MHz, 137.3275-137.3750 MHz,

137.4725-137.5350 MHz, 137.5850-137.6500 MHz, and 137.8125-138.0000

MHz, 148.2500-148.5850 MHz, 148.6350-148.7500 MHz, 149.9000-149.9500 MHz,

(Call sign S3041)

Licensee: Swarm Technologies, Inc., Phone Number: 425-753-3349

ATTN: Dr. Sophie Arlow E-Mail: sophie@swarm.space

Speci:

Frequency Bands: 156.7625-156.7875 MHz (AIS 3) 156.8125-156.8375 MHz (AIS 4)
161.9625-161.9875 MHz (AIS 1) 162.0125-162.0375 MHz (AIS 2) (Call sign S3042)
Licensee: HawkEye 360, Inc. Phone Number: 571-203-0360
ATTN: Mr. Michael Mineiro E-Mail: michael.mineiro@he360.com

Frequency Bands: 156.0125-162.0375 MHz (Call sign S3054)
Licensee: Kineis, Phone Number: 202-416-6742
ATTN: Assia Bahri, E-Mail: abahri@kineis.com

Frequency Bands: 137-138 MHz (Earth-to-space) 148-150.05 MHz (space-to-Earth
(Call sign S3057)
Licensee: Myriota Pty Ltd Phone Number: 61405617987
ATTN: Assia Bahri Mr Janek Kaucz, E-Mail: janek.kaucz@myriota.com

Frequency Bands: 449.75 - 450.25 MHz (Call sign S3072, S3170, S3184)
Licensee: Loft Orbital Solutions Inc. Phone Number: 410-382-5050
ATTN: Alex Greenberg E-Mail: alex@loftorbital.com

Frequency Bands: 449.75-450.25 MHz (Call sign S3159, S3174)
Licensee: Outpost Technologies Corporation Phone Number: 424-276-0754
ATTN: Ms. Vanessa Kuroda E-Mail: vanessa@outpost.space

Frequency Bands: 156.775 MHz (AIS 3), 156.825 MHz (AIS 4), 161.975 MHz (AIS
1), 162.025 MHz (AIS 2) (Call sign S3175)
Licensee: Sidus Space, Inc. Phone Number: 321-450-5633
ATTN: Ms Carol Craig, E-Mail: carol.craig@sidusspace.com

- (6) Prior to commencing any operations in the frequencies below, the licensee must obtain consent from the following within 50 miles of the contours of the testing area:
- Paging Service in 152 MHz
 - Paging Service in 158 MHz
 - Mobile Service in 152 MHz/158 MHz
 - Mobile Service and Fixed Service in 454 MHz/459 MHz
 - General Aviation Air-Ground Service in 454 MHz/459 MHz

Special Conditions:

- (7) MRTC shall notch the following frequencies by location:
- a. Indianapolis, IN
 - 162.55000 MHz (+/- 12.5 kHz)
 - 165.72500 MHz (+/- 12.5 kHz)
 - 165.76250 MHz (+/- 7.25 kHz)
 - 167.67500 MHz (+/- 12.5 kHz)
 - b. Atlanta, GA
 - 162.27500 MHz (+/- 7.25 kHz)
 - 165.76250 MHz (+/- 7.25 kHz)
 - 166.17500 MHz (+/- 4.05 kHz)
 - 167.67500 MHz (+/- 4.05 kHz)
 - 169.25000 MHz (+/- 4.05 kHz)
 - 169.27500 MHz (+/- 4.05 kHz)
 - 169.37500 MHz (+/- 4.05 kHz)
 - 172.17500 MHz (+/- 4.05 kHz)
 - 172.85000 MHz (+/- 4.05 kHz)
 - 172.87500 MHz (+/- 4.05 kHz)
 - 172.95000 MHz (+/- 4.05 kHz)
 - 172.97500 MHz (+/- 4.05 kHz)
- (8) The designated point-of-contact to terminate transmissions if interference occurs is Robert Russell at 417.200.7069.