

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

EXPERIMENTAL

(Nature of Service)

WA8XGU

(Call Sign)

XT MO

(Class of Station)

1430-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:

Testing of automobile racing communications system involving one race team at one venue.
Please see attached narrative.

Station Locations

- (1) MOBILE: Salinas, CA Weathertech Raceway Laguna Seca, within 2 km, centered around NL 36-35-16; WL 121-45-18

Frequency Information

MOBILE: Salinas, CA Weathertech Raceway Laguna Seca, within 2 km, centered around NL 36-35-16; WL 121-45-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
148.7375 MHz	MO	12K5F3E	5 W (ERP)	
148.8625 MHz	MO	12K5F3E	5 W (ERP)	
153.2875 MHz	MO	12K5F3E	5 W (ERP)	

This authorization effective August 08, 2026 and
will expire 3:00 A.M. ET August 15, 2026

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Salinas, CA Weathertech Raceway Laguna Seca, within 2 km, centered around NL 36-35-16; WL 121-45-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
153.4625 MHz	MO	12K5F3E	5 W (ERP)	
168.2875 MHz	MO	12K5F3E	5 W (ERP)	
172.8875 MHz	MO	12K5F3E	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.

Special Conditions:

(2)

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, (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: 130-183 MHz (VHS) (Call sign S3213)

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

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

Frequency Bands: 148.6350-148.7500 MHz (Call sign S2992/S3069, S2983/3018)

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

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

Frequency Bands: 148.6350-148.7500 MHz (Call sign S3041)

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

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

Frequency Bands: 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

(3)

Operations within part 90 bands must comply with all applicable rules under part 90, including, but not limited to, the requirements for protecting centralized trunked incumbents as specified in section 90.187.

(4)

Stop Buzzer POC: Ash Gallagher, ashley.gallagher@unitedautosports.com +44 (0) 7733 008 522.