

**MRTC Motorsport Communications
MRTC, Ltd.
Application for Special Temporary Authority
File No. 0092-EX-ST-2023**

PURPOSE OF STA AND FREQUENCY COORDINATION

The purpose of this STA is to further test an automobile racing communications system for voice and telemetry that is in the developmental stage. The tests will occur at a single test session at one Motor Speedway in Bradenton, Florida during the period 16-19 March, 2023. The system will be deployed by three race teams and the race organizer at the tests during race events sponsored by Nitro RX. The race teams will use the communications system on a developmental testing basis on behalf of and overseen by MRTC Motorsport Communications of the United Kingdom.

The applicant requires 34 simplex, 12.5 kHz channel bandwidth frequencies as specified in this application in the VHF and UHF ranges for voice transmissions over short paths, allocated to the land mobile and amateur radio services. No Public Safety channels will be used. There will be a total of 105 portable transmitters deployed and five car-mounted mobile radios, all of which will be recovered by MRTC after the event.

The applicant has consulted the ULS database with respect to the VHF and UHF channels sought and proposes what are believed to be unoccupied PLMR channels in the area of the event, centered at the Freedom Factory, 21050 E. SR-64, Bradenton, Florida. All amateur radio UHF frequencies will be coordinated with the local Amateur Radio repeater coordinator and the Regulatory Information office of the American Radio Relay League, Inc.

The “stop buzzer” contact in the United States will be undersigned counsel, whose mobile number is (301) 351-3795 for this proposed operation. All operation will cease on any channel after a report of harmful interference and will not resume unless and until the complaint is resolved to the satisfaction of the complainant. An additional on-site stop buzzer contact is Mr. James Nixon, whose mobile number is +46 722 050373.

Other inquiries can be addressed to undersigned counsel for MRTC Motorsport Communications:

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