

MRTC Motorsport Communications
MRTC, Ltd.
Application for Special Temporary Authority
File No. 1519-EX-ST-2026

PURPOSE OF STA AND FREQUENCY COORDINATION

The purpose of this STA is to authorize the use of VHF and UHF channels for two-way voice communications by up to ten race teams at two separate automobile racing venues listed below, for very short periods of time at each race venue. These channels will be used for the purpose of further testing of an automobile racing communications system for voice and telemetry that is in the developmental stage by MRTC. The tests will take place at WTSCC series car racing events. The system will be deployed by the race teams at each location. The race teams will use the communications system on a developmental testing basis on behalf of and overseen by MRTC Motorsport Communications.

The events and the dates of each are as follows:

Indianapolis Motor Speedway, Indianapolis, IN	18-20 September 2026
Road Atlanta, Atlanta, GA	1-3 October 2026

The VHF and UHF channels each use a channel bandwidth of 12.5 kilohertz for simplex and duplex voice operation. The UHF channels are for simplex voice from the race cars to the pit crew and vice versa. ERP will not exceed 5 watts from any transmitter.

All coordination for the frequency bands requested will be completed with the ARRL and the local Society of Broadcast Engineers coordinator to ensure interference free operations. **No public safety channels listed in section 90.20 will be used at any venue at any time.**

Upon receiving any complaint of interference from a licensed user, operation pursuant to this STA will cease on the channel complained about and will not resume unless and until the interference complaint is resolved satisfactorily to the licensee.

The “stop buzzer” contact on behalf of the applicant is Nicole Cotgrave, whose mobile telephone number is +44(0)7775 852 978. If a United States mobile number is required, undersigned consulting engineer, Robert Russell, will serve as stop buzzer contact for each venue, at mobile number 417.200.7069. All other inquiries can be addressed to the undersigned consulting engineer.

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