

MRTC Motorsport Communications  
MRTC, Ltd.  
Application for Special Temporary Authority  
File No. 0475-EX-ST-2021

#### PURPOSE OF STA AND FREQUENCY COORDINATION

The purpose of this STA is to authorize the use of twenty-seven VHF channels and fourteen UHF channels for two-way voice communications by the Optimum Motorsport race team at five separate automobile racing venues listed below. 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 occur at GT World Challenge America series events. The system will be deployed by the Optimum Motorsport race team at each location. The race team 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:

Circuit of the Americas, Austin, Texas	30 April to 2 May, 2021
Virginia International Raceway, Alton, VA	4-6 June
Elkart Lake, Wisconsin (Road America)	27-29 August
Watkins Glen Raceway, New York	17-19 September
Indianapolis Motor Speedway, Indiana	15-17 October

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.

The applicant has consulted the ULS database with respect to the VHF and UHF channels sought and proposes what are believed to be unoccupied channels in the area of each of the seven venues.

The “stop buzzer” contact on site on behalf of the applicant is Jody Firth, whose mobile telephone number is +44 (0)7951 900509. If a United States stop buzzer mobile telephone number is called for, undersigned counsel will serve as the stop buzzer contact at (301) 351-3795.

Other inquiries can be addressed to undersigned counsel:

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