

MRTC Motorsport Communications
MRTC, Ltd.
Application for Special Temporary Authority
File No. 0761-EX-ST-2021

PURPOSE OF STA AND FREQUENCY COORDINATION

The purpose of this STA is to authorize the use of 4 VHF channels and 5 UHF channels for two-way voice communications by the Proton Motorsport race team at 7 separate automobile racing venues listed below, and the same number of VHF and UHF channels for the United Autosports race team at two of those 7 venues. 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 WTSCC series car racing 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:

Watkins Glen International Speedway, NY	25 June to 4 July, 2021
Lime Rock Park, Lakeville, CT	15-17 July
Elkart Lake, Wisconsin (Road America)	6-8 August
Virginia International Raceway, Alton, VA	20-22 August
Laguna Seca Raceway, CA	10-12 September
Long Beach Raceway, CA	23-25 September
Atlanta Motor Speedway, GA	7-9 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 undersigned counsel, Christopher Imlay, whose mobile telephone number is (301) 351-3795.

All inquiries can be addressed to undersigned counsel:

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