

MRTC Motorsport Communications
MRTC, Ltd.
Application for Special Temporary Authority
File No. 1689-EX-ST-2016

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 one test session at the Daytona Motorsports Raceway in Daytona, Florida during January 6-8, 2017 and during actual racing events at the same venue during January 26-29, 2017. The system will be deployed by five different race teams at each test: AF Corse Racing, Ford Racing, Dragon Speed, Aston Martin (Prodrive Racing) and Rebellion Racing. The race teams will use the communications system on a developmental testing basis on behalf of and overseen by MRTC Motorsport Communications.

The dates during 2017 when this system will be deployed are: January 6-8, 2017 inclusive and January 26-29, 2017 inclusive.

The applicant requires a series of 12.5 kHz channel bandwidth frequency pairs and simplex channels as specified in this application in the VHF range for duplex voice transmissions; and three, 25 kHz channel bandwidth frequencies in the UHF range for short-range telemetry transmissions.

The applicant has consulted the ULS database with respect to the VHF and UHF channel ranges sought and proposes what are believed to be unoccupied channels in the area of the Daytona International Speedway. These are Amateur Radio telemetry UHF channels which are unused in the area.

The “stop buzzer” contact on site on behalf of the applicant is Mr. Daniel Cox, frequency manager for MRTC, whose mobile number is +44 (0) 1509 224300. If a United States cellular number is required, undersigned counsel will also serve as a stop buzzer contact, at (301) 351-3795. 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.

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

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