

MRTC Motorsport Communications  
MRTC, Ltd.  
Application for Special Temporary Authority  
File No. 0614-EX-ST-2022

#### 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 two different test sessions, one being a demonstration only in Florida, and the other a test in an actual racing environment at the Circuit of the Americas racetrack in Austin, Texas. The system will be deployed by one race team at each location, the Mercedes Rob Chant racing team. The race team will use the communications system on a developmental testing basis on behalf of and overseen by MRTC Motorsport Communications.

The dates and locations during 2022 when this system will be deployed are as follows:

FTX Miami Demonstration (vicinity of 161 Ocean Drive, Miami Beach, FL 33139): May 4-8, 2022 inclusive.

CrowdStrike Austin, Circuit of the Americas Raceway, Austin, TX: June 21-23, inclusive.

The applicant requires one mobile and multiple portable UHF frequencies as specified in this application in the UHF range for duplex and simplex voice transmissions. At Circuit of the Americas, the applicant also requires two frequencies, at or about 1622 and 1630 MHz for telemetry with an occupied bandwidth of 2 MHz each and power levels of one watt.

The applicant has consulted the ULS database with respect to the UHF channels sought and proposes what are believed to be unoccupied channels in the area of the Miami Beach Demonstration and the Circuit of the Americas Raceway.

The “stop buzzer” contact on site on behalf of the applicant is Mr. Robert Chant, whose mobile number is +44 (0)7566 292719. If a United States mobile number is required, undersigned counsel will also serve as a stop buzzer contact, at (301) 351-3795.

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

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