

MRTC Motorsport Communications
MRTC, Ltd.
Application for Special Temporary Authority
File No. 0329-EX-ST-2024

PURPOSE OF STA AND FREQUENCY COORDINATION

The purpose of this STA is to further test an automobile racing communications system for voice communications that is in the developmental stage. The tests will occur at one testing event, associated with the Formula One race at Miami Gardens this year, during ancillary racing events at the same venue as the Formula One race this Spring. The event is during the period May 3-5, 2024 at the Miami International Autodrome, Miami Gardens, Florida, within 2 km, centered around North Latitude 25° 57' 28"; WL 80° 14' 21" during the "F1 Academy" series of races. The system will be deployed at each event by MRTC for a series of racing teams. At Miami Gardens, there will be two racing teams using the communications system at VHF and UHF on the channels listed in this application. The race teams will use the communications system on a developmental testing basis on behalf of and overseen by MRTC Motorsport Communications.

The applicant will make no use of any VHF or UHF channels specified as Public Safety channels at Section 90.20 of the Commission's Rules. All channels will be for duplex and/or simplex voice operations. All operation by the applicant has been coordinated in advance with Formula One Management, which will have on site at each venue professional, real time frequency coordination staff. MRTC defers to Formula One Management in connection with all channel usage at this event. FOM will be filing its own STA applications for the race event and will specify a range of frequencies at VHF and UHF, among other ranges, and FOM will handle all frequency assignments subject to the FOM STA applications to be filed shortly.

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 Miami International Autodrome race track. Similar STAs have been granted for test operations at other venues in the past and conducted without interference. However, should any interference arise during this experimental operation, all such operation will cease and not resume unless and until the interference is resolved to the reasonable satisfaction of any complainant and in full coordination with FOM.

The stop buzzer contact for both venues is the undersigned counsel who can be reached at all times at 301-351-3795 (mobile).

All other inquiries can be addressed to undersigned counsel as follows:

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