

MRTC Motorsport Communications

MRTC, Ltd.

STA Application 0634-EX-ST-2017

Frequency Coordination Exhibit and Narrative

Brooklyn, New York World Endurance Championship Automobile Race Sponsored by The Federation Internationale de L'Automobile, July 10, 2017 through July 16, 2017

This application proposes the use of amateur radio, land mobile, broadcast auxiliary and certain microwave bands in the Brooklyn, New York area for terrestrial only, international and domestic video production operation; for voice communications and telemetry for electric-powered racing cars and communications with pit crews of the race teams; and for two-way operational and security communications during the World Endurance Championship automobile race events and for testing prior to the event within and immediately surrounding the race track which has been created at the Brooklyn Cruise Terminal in the Red Hook section of Brooklyn, New York. An engineering analysis has shown that there should be no interference to any licensed user of any of the subject bands, and with the addition of some broadcast auxiliary channels for use for international video and broadcast production purposes (*and for some AFTRCC frequencies for use for telemetry, with which coordination is pending*), the frequency list is otherwise similar to that which was granted by the Commission each of the last three years for this same event when it was located at the Circuit of the Americas Race Track in Austin, Texas (See WH9XUY, File No. 0618-EX-ST-2014; WI9XXY, File No. 0864-EX-ST-2015; and WK9XIQ, File No. 1241-EX-ST-2016).

This is one of the two largest annual international automobile racing events in the United States. Should any FCC-licensed or United States government station report interference during the proposed operations, operation on that channel or band will immediately cease and not resume unless and until the interference complaint is resolved. However, during the past three years' prior events using most of these same frequencies (albeit in Austin, Texas) no interference has been reported whatsoever. There are on-site coordinators for this event who are charged with interference avoidance and mitigation.

The stop-buzzer contacts for this event are Mr. Ken Rumbold and Mr. Andy Covell, who can be reached at 07464 482 130. Alternatively, counsel for the applicant can be reached by cellphone at any time at 301-351-3795 and will act as an additional stop-buzzer contact for this event as well.

With respect to the proposed use of land mobile and Amateur Radio frequencies for video production, voice and telemetry, the use of amateur allocations in this STA application have been coordinated with the American Radio Relay League, Incorporated. Land mobile channels to be utilized during the race event within the requested band limits have been investigated using the Commission's ULS database and monitored on-site and found to be unoccupied. The Society of Broadcast Engineers local frequency coordinator will be contacted to coordinate the use of broadcast auxiliary channels.

Technical coordination staff will be on site during the race and channel monitoring and on-site frequency coordination will ensure against any interference.

The applicant has applied for AFTRCC coordination for the use of the band 2300-2390 MHz for video channels for this event. Coordination is pending and when obtained will be submitted as an additional exhibit.

All communications can also be directed to the office of counsel for MRTC Motorsports Communications :

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