

MRTC Motorsport Communications

MRTC, Ltd.

STA Application 1070-EX-ST-2018

Frequency Coordination Exhibit and Narrative

Brooklyn, New York ABB FIA Formula E Championship Automobile Race July 9, 2018 through July 15, 2018

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 ABB FIA Formula E 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. The ABB FIA Formula E Championship is the world's first fully-electric international single-seater street racing series.

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, the frequency list is otherwise similar to that which was granted by the Commission each of the last four 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) and last year at the same location in Brooklyn, NY (See File No. 0634-EX-ST-2017).

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 four years' prior events using most of these same frequencies (including last year at this same venue) 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 contact for this event is Mr. Ken Rumbold who can be reached at +44 (0)7785252266. 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 and 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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