

**MRTC Motorsport Communications
MRTC, Ltd.
STA Application 0470-EX-ST-2023
Frequency Coordination Exhibit and Narrative
Portland, Oregon ABB FIA Formula E Championship Automobile Race June 17,
2023 through June 24, 2023**

This application proposes the use of amateur radio, land mobile, broadcast auxiliary and certain microwave bands at the Portland International Raceway, Portland, Oregon 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 Portland International Raceway. 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 virtually identical to that granted for the same location in July of 2022 (See, WS9XHQ, File No. 0668-EX-ST-2021). It is also otherwise similar to (actually a subset of) the frequencies which were granted by the Commission in each of three prior 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 the five years prior to 2021, when it was held at a location at Red Hook in Brooklyn, NY (See File No. 0634-EX-ST-2017; WM9XZA, 1070-EX-ST-2018; WO9XVY, 1058-EX-ST-2019; WS9XHQ, 0668-EX-ST-2021 and WT9XYM, 0625-EX-ST-2022. There was no race during 2020 due to Covid-19). This will be the first year that the event is held in Portland, Oregon.

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 eight prior events using most of these same frequencies no interference has been reported whatsoever from any source. 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. James Van Litsenborgh of MRTC who can be reached at +44 (0)7464 482 108. 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 at VHF and UHF have been investigated using the Commission's ULS database and will be monitored on-site and used only if found to be unoccupied. **No public safety channels listed in Section 90.20 of the Commissions' Rules will be utilized.** The Society of Broadcast Engineers' local frequency coordinator for Portland, Oregon will be contacted to coordinate the use of broadcast and broadcast auxiliary channels. Technical coordination staff will be on site during the race and real time and advance channel monitoring and on-site frequency coordination will ensure against any interference.

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

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