MRTC Motorsport Communications
MRTC, Ltd.
Application for Special Temporary Authority
File No. 0317-EX-ST-2016

PURPOSE OF STA AND FREQUENCY COORDINATION

This application proposes the use of unused television broadcast channels, amateur radio and land mobile radio channels, and broadcast auxiliary channels for two-way operational communications, security communications, and video and audio production during the International Automobile Federation (FIA) Formula E championship race in Long Beach, California and for testing prior to that event. FIA is the governing body for American Grand Prix Formula One automobile race events and the Formula E championship is the preeminent open-wheel, all-electric automobile racing event in the United States. The operation will occur at one Formula E all-electric automobile racing venue during the period April 1 through April 3, 2015 in the City of Long Beach, California. The radios will be used by the numerous race teams at VHF; the race organization will be done at UHF, and broadcast operations will be using microwave and unused television channels. All operation will be overseen by MRTC Motorsport Communications.

This is a road racing event. The location of the race course is as follows:

Long Beach, CA (near the Long Beach Convention Center: 33°-45'-50" North, 118°-11'-18" West.

An engineering analysis has shown that there are no on-air television stations or low-power television stations on the subject television channels within a 50 km radius of the proposed operation area. However, should any television broadcast station report interference during the proposed operations, operation on that channel will immediately cease and not resume unless and until the interference complaint is resolved. Amateur Radio UHF frequencies have been coordinated with local volunteer coordinators. All operation on broadcast and broadcast auxiliary frequencies will be coordinated with Society of Broadcast Engineers' frequency coordinator for this area (the Southern California Frequency Coordination Committee) before operations commence at the race event. Land mobile frequency operation will avoid any occupied channels in the 154-165 MHz band and no public safety allocation listed in Section 90.22 of the Commission's rules will be used. The applicant has consulted the ULS database with respect to the VHF channel ranges sought and proposes what are believed to be unoccupied channels in the area of the race course. The UHF channels to be used in the band, 406-409 MHz, 416-420 MHz and 440-450 MHz should not cause any interference to ongoing incumbent licensee or to Amateur Radio operators. In the event of any interference reported, operation on any of the requested frequency bands will cease until a solution satisfactory to the licensee is reached.

With the exception of a smaller VHF frequency range and the specification herein of channels between 409 MHz and 420 MHz, the frequency list is exactly the same as that previously granted for this same location one year ago. See, WI9XHB, File No. 0213-EX-ST-2015. As per that granted STA, MRTC will notch out 608-614 MHz, the channels 156.650

MHz, 156.800 MHz, 161.975 MHz, 162.025 MHz, 2036.5 MHz, and will use only the channels between 162 and 165 MHz as were permitted in 0213-EX-ST-2015. Finally, MRTC will, prior to any operation, obtain consents from any AWS licensees in the 2180-2290 MHz band.

The "stop buzzer" contact on behalf of the applicant is Mr. Ken Rumbold of MRTC, who can be reached at +44 7785 252266. If a United States contact number is required, undersigned counsel can be reached at any time at (301) 351-3795 and will handle all stop buzzer requirements immediately.

All other inquiries can be addressed to undersigned counsel:

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