Dorna Sports, S.L.
STA Application
0480-EX-ST-2018
Frequency Coordination Exhibit
Austin, Texas MotoGP Grand Prix Motorcycle Race
Circuit of the Americas Race Course
April 16, 2018 through April 23, 2018

This application (*which is similar to previous granted STAs in 2013, 2014, 2015, 2016 and 2017* (See 0242-EX-ST-2013; WI9XMD, File No. 0266-EX-ST-2015; WJ9XPR, 0320-EX-ST-2016 and WL9XBZ, 0341-EX-ST-2017), proposes the use of unused television broadcast channels; amateur radio and land mobile radio channels, fixed microwave service and microwave broadcast auxiliary channels in the limited area of the Circuit of the Americas Motor Speedway in Austin, Texas for a limited time in April of this year. The purpose of this STA is for two-way operational, race team and pit crew communications, security communications, video and audio production and wireless microphones during the international MotoGP Grand Prix Motorcycle race event and for testing and race qualifications prior to the race event. The applicant will coordinate with the SBE frequency coordinator for the Austin market and with Circuit of the Americas' on-site frequency coordinator. The applicant will make no use of channels in use by on-air television stations, Class A TV or low-power TV stations on the subject channels within a 50 km radius of the proposed operation area. However, should any television broadcast station or viewer report interference during the proposed operations, operation on that channel will immediately cease and not resume unless and until the interference complaint is resolved. No interference has been reported from any source in the past four years of operation at this same venue.

The stop-buzzer contact for this proposed operation is Ms. Noemi Lacasa. Her mobile telephone number is +34 628 566 661. Should a U.S. telephone number be required, the mobile number for undersigned counsel can be used: 301-351-3795.

This application also proposes the use of land mobile and Amateur Radio frequencies for international race team operations, for video production and for telemetry. The use of amateur allocations in this STA application at has been coordinated with the American Radio Relay League, Incorporated and the local amateur radio frequency coordinator, the Texas VHF-FM Society. Channels in the 411-418 MHz and 450-470 MHz band to be utilized during the race event have been investigated and monitored by Dorna Sports, S.L. technical staff and independent contractors and found to be unoccupied. Frequency coordinators on behalf of Circuit of the Americas will be on site during the race and channel monitoring and on-site frequency coordination will ensure against any interference. Given the location of these events, it is anticipated that no interference will be caused to any Amateur Radio, land mobile or broadcast auxiliary operations. Upon receipt of any complaint of interference from a licensed Amateur Radio user, land mobile

licensee or broadcast entity (or otherwise), operation pursuant to this STA will cease on the channel complained about, and will not resume unless and until the interference complaint is resolved satisfactorily to the licensee.

The same policy will apply to any use of the 2180-2290 MHz channels. With respect to the 2180-2290 MHz band, this band has been regularly approved for use at Austin, Texas at Circuit of the Americas during Formula One automobile races to date, and in prior STAs for the identical motorcycle race events at this same venue without any interference whatsoever. This band will be used only for short distance video transmission from RF Cameras at exceptionally low power.

As was the case last year, the STA application includes a request for use of the band 862-869 MHz. The need is for the use of only four paired, 12.5 kHz bandwidth channels in this band for the purpose of operating what is referred to as a "chase cam" which is used in Europe. In this configuration, two motorcycles in the race are linked by transmitting GPS coordinates to the other so that the onboard camera can follow (track) the other motorcycle with video. This feature is unique in this motorsport, and is an important enhancement for the viewer of the televised race. The band is the E-SMR band, and only four paired, narrowband channels are necessary, anywhere in that frequency range. The transmit power will be 20 dBm.

Communications on site, and all stop buzzer contacts should be directed to Ms. Noemi Lacasa at the number above. That and all other communications can be directed as well to the office of counsel for Dorna Sports, S.L.:

Christopher D. Imlay
Booth, Freret & Imlay, LLC
14356 Cape May Road
Silver Spring, MD 20904-6011
1-301-384-5525 telephone
1-301-351-3795 mobile
chris@imlaylaw.com