

F50 League, LLC
STA Application
0529-EX-ST-2019
Frequency Coordination Exhibit
San Francisco, California
SailGP Global Sailboat Racing Series
April 28, 2019, through May 5, 2019

This application is similar to the facilities permitted by STA for the America's Cup Sailboat Races in 2011, 2012, 2013 and 2016 in San Francisco, San Diego, Rhode Island, New York and Chicago. See, WF9XGG, File No. 0624-EX-ST-2011; WF9XTO, File NO. 0403-EX-ST-2012; WF9XZJ, File No. 0721-EX-ST-2012, and WG9XQD, File No. 0440-EX-ST-2013, and WJ9XRY, 0386-EX-ST-2016 among others. At no time have there been any interference complaints or any reported interference at any venue for these prior sailboat races. This sailboat race at San Francisco, the SailGP, is a component of the premier worldwide sailing competition series. It will be held in the San Francisco Bay as indicated in the application.

This application, filed by the communications entity responsible for RF coordination, proposes the use of unused television broadcast channels 24 (530-546 MHz), 26 (542-548 MHz) and the T-Band (470-512 MHz) for two-way operational communications, security communications, video production cueing and wireless microphones during the SailGP sailboat racing event and for testing prior to the event. An engineering analysis has shown that there are no on-air television stations or low-power television stations on the proposed channels within a 50 km radius of the proposed operation area on the channels in use. 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. Coordination with the Society of Broadcast Engineers' frequency coordinator for San Francisco will be completed prior to commencement of operations.

The application also proposes the use of UHF Part 90 channels at 462 MHz for operations and security of race operations, and cueing control for video production, and a single marine channel (marine channel 20, 161.6 MHz, for on-the-water commentary for boaters.

The application also proposes the use of microwave frequencies for video production and for telemetry at 2390-2402 MHz; 2360-2390 MHz; 3300-3500 MHz; 3500-3700 MHz and 5300-5825 MHz. The use of amateur allocations in this STA application at 2390-2402 MHz; 3300-3500 MHz and 5725-5825 MHz have been coordinated with the American Radio Relay League, Incorporated and an application for coordination has been submitted to AFTRCC with respect to the bands 2360-2390 MHz. AFTRCC coordination will be submitted as correspondence or an amendment when received. Given the location of these events, it is anticipated that no interference will be caused to any licensed operations. Upon receipt of any complaint of interference from a licensed user, operation

pursuant to this STA will cease on the channels complained about, and will not resume unless and until the interference complaint is resolved satisfactorily to the licensee.

No interference is anticipated to any military operations in the band 3300-3500 or 3500-3700 MHz at this location. Should any interference be reported, operation in the subject band will immediately cease and not resume unless and until the interference complaint is resolved satisfactorily to the authorized user. For operations in the 3650-3700 MHz band, the applicant will maintain separation from grandfathered Earth Stations as defined in Part 90, subpart Z, or alternatively will coordinate an agreement during the period with the grandfathered Earth Station licensee(s). Finally, the applicant will notify all registered users in the area and will avoid interference with all such registered stations in the 3650-3700 MHz band.

The applicant will coordinate all operations with the local SBE volunteer frequency coordinators and will also contact Mr. John Poray, Executive Director, Society of Broadcast Engineers, Inc. at its Indianapolis headquarters for coordination of broadcast and broadcast auxiliary frequencies.

The stop buzzer contact on site is Mr. Mark Sheffield at 415-798-9053. Should a local U.S.A. stop buzzer contact be required, those and other communications can be directed to the office of counsel for F50, LLC at any time:

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