

F50 League, LLC
STA Application
0486-EX-ST-2020
Frequency Coordination Exhibit
San Francisco, California
SailGP Global Sailboat Racing Series
April 23, 2020, through May 3, 2020

This application seeks Commission authority to operate facilities similar to those permitted by STA for the America's Cup Sailboat Races in 2011, 2012, 2013, 2016 and 2019 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, WJ9XRY, 0386-EX-ST-2016 and WO9XEP, 0529-EX-ST-2019, 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. The location of the current SailGP event, and most of the technical operating parameters sought, are identical to those granted a year ago by WO9XEP.

This application, filed by the communications entity responsible for RF coordination, proposes the use of unused television broadcast channels in the T-Band (470-512 MHz) except Channels 16 and 17 (476-488 MHz) which are used in the San Francisco Bay area for land mobile radio, and TV channels 22 (518-524 MHz), 24 (530-536 MHz) and 26 (542-548 MHz) for two-way operational communications, security communications, video production cueing and wireless microphones during the SailGP sailboat racing events 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 70 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 coordinators for San Francisco for bands above and below 1 GHz 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 2390-2405 MHz; 2360-2390 MHz; 3300-3550 MHz; and 5795-5850 MHz. The use of amateur allocations in this STA application at 2390-2405 MHz; 3300-3500 MHz and 5795-5850 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 2360-2395 MHz. AFTRCC coordination will be submitted as 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 3300-3550 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. 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 the 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. Other communications can be directed to the office of counsel for F50 League, LLC at any time:

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