



AEROSPACE & FLIGHT TEST RADIO COORDINATING COUNCIL®

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616 E 34th Street North, Wichita, KS 67219

Telephone: (316) 821-9516 Fax: (316) 838-0015

EXPERIMENTAL LICENSE or SPECIAL TEMPORARY AUTHORITY

All requests for frequency coordination by AFTRCC are subject to the Coordination Terms and Conditions. A [MEMORANDUM](#) describing the purpose and duration of the license, the make and model of all transmitters and transmitting antennas and their Geographical Coordinates, the desired frequency and all of its associated emissions, **MUST** accompany a completed and signed copy of this form. A copy of the FCC license application should be included with the memorandum whenever possible.

NOTE: PROPRIETARY DATA/CLASSIFIED INFORMATION SHOULD NOT BE SUBMITTED.

*If the applicant received this form in response to a coordination request, it must be completed, signed and returned per the included instructions **before AFTRCC can continue processing the request.***

Date of Request:	5/14/2019	Identity Control No.	To be completed by AFTRCC	
Name of Applicant:	F50 League, LLC	Address:	475 Sansome Street, 12th Floor, 94111	
Phone Number:	c/o 301-384-5525	Email:	chris@imlaylaw.com	
Coordination Site(s):	San Francisco, CA	Dates of Operations:	6/11/2019	6/22/2019
Requested Bands:	☐ HF Band (2851.0-21931.0 kHz)	☐ VHF Band (123.125-123.575 MHz)	☐ C-Band (5091-5150 MHz)	
	☐ L-Band (1435-1525 MHz)	☒ S-Band (2360-2395 MHz)		

COORDINATION TERMS AND CONDITIONS

AFTRCC provides recommendations to the Federal Communications Commission (FCC) for non-government use of flight test voice and telemetry frequencies. AFTRCC's role is strictly advisory; in all cases the FCC makes the decision whether to issue a license.

Applicants are advised that no representations or warranties, express or implied, are made as to the interference-free nature of any given frequency or frequencies which AFTRCC coordinates, or as to whether any given frequency recommendation is best suited for the Applicant's purposes.

Applicants should also be aware that frequencies coordinated by AFTRCC are shared with other users; no one user is entitled to exclusive use of a frequency in any given area. Multiple users may be, and often are, licensed or have government assignments for use of the same frequencies. Hence, notwithstanding FCC issuance of a license to the Applicant, transmission or any given frequency may be subject to day-to-day, hour-by-hour scheduling with Government Area Frequency Coordinators (AFCs) or other agencies.

In return for AFTRCC's processing of the Applicant's request, the Applicant agrees to release and hold harmless AFTRCC, its officers, directors, agents, representatives, and member companies (and their respective officers, directors, employees, owners, and agents) from and against any and all claims, losses, liabilities, damages or expenses which may arise now or in the future as a result of the Applicant's acceptance of AFTRCC's recommendation, or its use of the recommended frequency(ies).

Information supplied in support of a coordination request represents part of the FCC application process. Accordingly, this information is considered public record material.

Signature: ☒ By checking the signature box, the applicant confirms that they are the duly authorized official named below; and that they accept and acknowledge the above limitations and conditions.

Print Name: Christopher D. Imlay

Title: Communications Counsel

Date: 5/14/2019

MEMORANDUM TO AFTRCC RE COORDINATION REQUEST

**F50 League, LLC
STA Application
0894-EX-ST-2019
Frequency Coordination Application
San Francisco, California
SailGP Global Sailboat Racing Series
June 11, 2019, through June 22, 2019**

This STA application seeks AFTRCC Coordination for a short term Sailboat Racing event in the New York City area of the Hudson River. This sailboat race at New York, the SailGP, is a component of the premier worldwide sailing competition series.

This application, filed by the communications entity responsible for RF coordination, proposes the use of, among other bands, 2360-2390 MHz for video production during the SailGP sailboat racing event and for testing prior to the event.

A copy of the STA application, filed May 14, 2019, is included as an attachment, as is the AFTRCC form 87-T.

The stop buzzer contact on site is Mr. Mark Sheffield at 415-798-9053.

All communications should be directed to the office of communications counsel for F50, LLC (who will pay all coordination fees by credit card upon notification):

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

Thank you for your assistance.

**FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPECIAL TEMPORARY AUTHORITY**

Applicant Name

Name of Applicant: F50 League LLC

Address

Attention: Mark Sheffield
Street Address: 475 Sansome Street, 12th Floor
P.O. Box:
City: San Francisco
State: CA
Zip Code: 94111
Country:
E-Mail Address: mark.sheffield@livelinefx.com

Best Contact

Give the following information of person who can best handle inquiries pertaining to this application:

Last Name: Imlay
First Name: Christopher
Title: Communications Counsel
Phone Number: 3013845525

Explanation

Please explain in the area below why an STA is necessary:

Frequencies for operations, video production and security for the SailGP, a worldwide major sailing regatta in the Hudson River at New York City. Channels for video from the sailing yachts and for operations in the race course area and for security are necessary due to the volume of channels needed and the short term operation in the area in the Hudson River.

Purpose of Operation

Please explain the purpose of operation: This sailboat race at New York City, the SailGP, is a component of the premier worldwide sailing competition series. See attached Narrative Exhibit.

Information

Callsign:
Class of Station: MO
Nature of Service: Experimental

Requested Period of Operation

Operation Start Date: 06/11/2019
Operation End Date: 06/22/2019

Manufacturer

List below transmitting equipment to be installed (if experimental, so state) if additional rows are required, please submit equipment list as an exhibit:

Manufacturer	Model Number	No. Of Units	Experimental
various	various	95	No

Certification

Neither the applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. The applicant hereby waives any claim to the use of any particular frequency or electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.) The applicant acknowledges that all statements made in this application and attached exhibits are considered material representations, and that all the exhibits part hereof and are incorporated herein as if set out in full in this application; undersigned certifies that all statements in this application are true, complete and correct to the best of his/her knowledge and belief and are made in good faith. Applicant certifies that construction of the station would NOT be an action which is likely to have a significant environmental effect. See the Commission's Rules, 47 CFR1.1301-1.1319.

Signature of Applicant (Authorized person filing form): Mark Sheffield

Title of Applicant (if any): Frequency Manager, F50 League LLC

Date: 2019-05-14 00:00:00.0

Station Location

City	State	Latitude	Longitude	Mobile	Radius of Operation
New York	New York	North 40 42 36	West 74 2 46	Hudson River near southern Manhattan	10.00

Datum: NAD 83

Is a directional antenna (other than radar) used? No

Exhibit submitted: No

(a) Width of beam in degrees at the half-power point:

(b) Orientation in horizontal plane:

(c) Orientation in vertical plane:

Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? No

(a) Overall height above ground to tip of antenna in meters:

(b) Elevation of ground at antenna site above mean sea level in meters:

(c) Distance to nearest aircraft landing area in kilometers:

(d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft:

Action	Frequency	Station Class	Output Power/ERP	Mean Peak	Frequency Tolerance (+/-)	Emission Designator	Modulating Signal
New	161.60000000-MHz	MO	5.000000 W	5.000000 W	P	25K0F3E	
Modified	450.00000000-470.00000000 MHz	MO	5.000000 W	5.000000 W	P	11K2F1D	
Modified	450.00000000-470.00000000 MHz	MO	5.000000 W	5.000000 W	P	11K2F3E	
New	462.70000000-463.00000000 MHz	MO	2.000000 W	2.000000 W	P	20K0F2D	
New	470.00000000-512.00000000 MHz	MO	5.000000 W	5.000000 W	P	11K2F3E	
Modified	512.00000000-608.00000000 MHz	MO	5.000000 W	5.000000 W	P	11K2F3E	
Modified	512.00000000-608.00000000 MHz	MO	5.000000 W	5.000000 W	P	200KF1E	
Modified	512.00000000-608.00000000 MHz	MO	5.000000 W	5.000000 W	P	200KF3E	
New	2360.00000000-2390.00000000 MHz	MO	10.000000 W	10.000000 W	P	8M00D7W	COFDM
Modified	2390.00000000-2405.00000000 MHz	MO	10.000000 W	10.000000 W	P	10M0D7D	
New	3300.00000000-3600.00000000 MHz	MO	10.000000 W	10.000000 W	P	8M00D7W	COFDM
Modified	5795.00000000-5850.00000000 MHz	MO	5.000000 W	5.000000 W	P	20M0D7D	