

America's Cup Event Authority, LLC
STA Application
0440-EX-ST-2013
Frequency Coordination Exhibit
San Francisco, CA America's Cup Sailboat Race
June 1, 2013 through September 21, 2013

This application is identical to the facilities permitted by STA for the America's Cup Sailboat Race in October of 2012. See, WF9XZJ, File No. 0721-EX-ST-2012, and similar to prior STA grants during 2012 in other locations. At no time have there been any interference complaints or any reported interference, in San Francisco or otherwise.

This application, as did its predecessor, proposes the use of unused television broadcast channels 14, 15, 20, 26 and 42 in the San Francisco Bay area for two-way operational communications, security communications, video production and wireless microphones during the America's Cup 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 these 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.

The only addition to the channels proposed and granted in WF9XZJ is several channels at 151.60-151.76 MHz from the Business-Industrial Pool on itinerant Part 90 channels for narrowband, P25 emission hand held use by one of the race teams in the San Francisco Bay. Channel monitoring prior to June 1 will determine several operating channels that can be used in this range without interference.

The application also proposes the use of microwave frequencies for video production and for telemetry at 2390-2402 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. Given the location of these events, it is anticipated that no interference will be caused to any Amateur Radio operations. Upon receipt of any complaint of interference from a licensed Amateur Radio user, 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.

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 band 5350-5460 MHz will be notched and not utilized, per the condition attached to the October, 2012 STA for WF9XZJ.

The schedule of events is as follows:

June 1-July 5, 2013 installation and testing.
July 5- August 4, 2013 Round Robin Racing
August 6-August 14, 2013 Semi Final Racing
August 17-August 30, 2013 Final Racing
September 7-September 21, 2013 AC Match Racing

The applicant will coordinate all operations with the local SBE/NCFCC 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 contacts on site are Mr. Stan Honey, Director of Technology, at 650-799-3428 and Mr. Ken Milnes, Live Graphics Project Manager, at 1-510-206-0691. Other communications can be directed to the office of counsel for the America's Cup Event Authority, LLC:

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