FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPECIAL TEMPORARY AUTHORITY

Applicant Name

Name of Applicant: Raven Radio Foundation

Address

Attention: Ken Fate
Street Address: 2 Lincoln St. Suite B
P.O. Box:
City: Sitka
State: AK
Zip Code: 99835
Country: United States
E-Mail Address: ken@kcaw.org

Best Contact

Give the following information of person who can best handle inquiries pertaining to this application:
Last Name: Fate
First Name: Ken
Title: General Manager/CEO
Phone Number: 9077475877

Explanation

Please explain in the area below why an STA is necessary:
KCAW-FM is a non-commercial community radio station owned and operated by Raven Radio Foundation, Inc. of Sitka, Alaska. Signing on the air in 1982, KCAW broadcasts to the rural Southeast Alaskan communities of Sitka, Angoon, Elfin Cove, Kake, Pelican, Port Alexander, Tenakee Springs and Yakutat, as well as a wide expanse of the coastal fishing grounds from the main transmitter at 2,500 watts and low power translators in the other communities. KCAW provides essential information services such as Emergency Alert System and AMBER announcements and severe weather warnings, as well as local, regional, state, national and international news and entertainment programming to a combined listening population of more than eleven thousand people. These coastal residents are particularly reliant on KCAW for tsunami warnings as occurred just a couple weeks ago in the middle of the night on January 5th, 2013. The Emergency Alert System broadcast a tsunami warning alert at 12:07am, shortly before the city?s tsunami sirens began blaring the evacuation signal. The 7.5 magnitude earthquake?s epicenter was 120 miles south of Sitka where it was felt strongly. Thousands of residents evacuated to the highest shelters available, barely above 80 feet in elevation, and waited, listening to the radio to see if a tsunami would flood the town. Thankfully two hours later the all clear was given. Sitka lies just on the Queen Charlotte ? Fairweather fault system, commonly compared to the San Andreas fault in California. Four major earthquakes have been linked with this fault system in the last century and as the Local Emergency Planning Committee Director says regarding Sitka?s earthquake response plan, ?It?s not a matter of if, but when? the next earthquake occurs. That is as true today, as it was true two weeks ago before this last earthquake. Preparation is critical to public safety.

Purpose of Operation

Please explain the purpose of operation:
While community awareness is peaked Sitka will conduct a Disaster Communications Exercise to identify deficiencies of all agencies within the City and Borough of Sitka at the Federal, State, Tribal, Local and NGO levels. The exercise will focus on establishing a communications network throughout the borough in order to coordinate relief efforts in the first 48 hours after a tsunami. The Sitka Fire Department is the lead agency for planning and execution. A number of agencies will deploy and activate their emergency communication systems at the designated Incident Command Center including The Sitka Fire and Police Departments, The United States Coast Guard, The Alaska National Guard, The Forest Service, Sitka Mountain Rescue, Sitka Public Works, Southeast Alaska Regional Health Care, Sitka Community Hospital, Sitka Schoold District and local ham operators. The Sitka Fire Department has asked that KCAW participate in the exercise. Recently KCAW has developed a portable ?Radio to Go? kit that can be deployed to a tsunami devastated community and provide FM broadcast to disseminate emergency information. The kit is not yet licensed, but this application for a Special Temporary Authority would allow evaluation of the kit?s performance and any interoperability issues with the other communication systems present and operating. On Friday and Saturday,

February 1st and 2nd, KCAW would sporadically participate in the test by shutting down the main 2,500 watt transmitter and activating the portable 100 watt radio to go on the regular broadcast frequency of 104.7FM. The test periods would be for short periods, only long enough to determine interoperability of all systems involved.

Information

Callsign:

Class of Station: MO

Nature of Service: Experimental

Location of proposed operation

Operation Start Date: 02/01/2013

Operation End Date: 02/02/2013

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
Crown	250	1	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 prvious 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): Ken Fate

Title of Applicant (if any): General Manager/CEO

Date: 2013-01-17 00:00:00.0

Station Location

City	State	Latitude	Longitude	Mobile	Radius of Operation
Sitka	Alaska	North 57 3 53	West 135 21 7	Emergency Operations Center, Keet Gooshi Heen School, Sitka Alaska	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	104.70000000-104.70000000 MHz	MO	350.000000 W 350.000000 W	P	100.00000000 %		