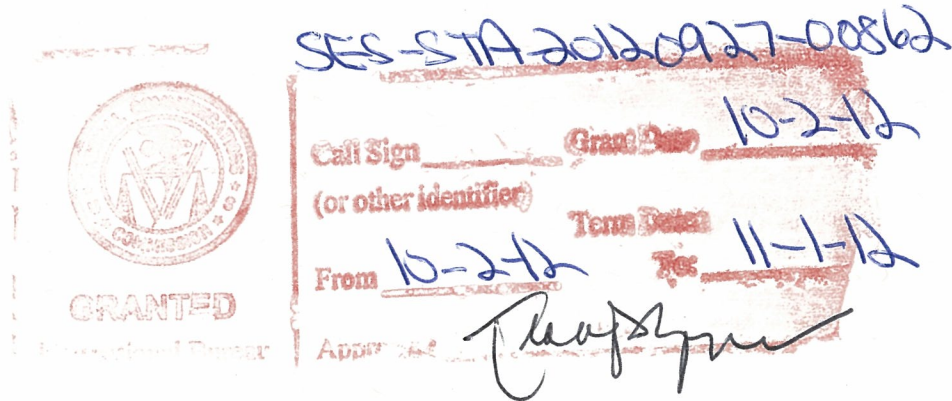


APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for Extension of STA

**1. Applicant**

<b>Name:</b>	Waterman Broadcasting Corporation of Florida	<b>Phone Number:</b>	239-939-2020
<b>DBA Name:</b>		<b>Fax Number:</b>	239-939-6224
<b>Street:</b>	3719 Central Ave	<b>E-Mail:</b>	spontius@water.net
<b>City:</b>	Fort Myers	<b>State:</b>	FL
<b>Country:</b>	USA	<b>Zipcode:</b>	33901 -
<b>Attention:</b>	Steven H Pontius		



Applicant: Waterman Broadcasting Corporation of Florida  
No Call Sign  
File No.: SES-STA-20120927-00862  
Special Temporary Authority (STA)

Waterman Broadcasting Corporation of Florida is granted an extension of the current STA SES-STA-20120826-00784 for a 30-day period under the following conditions:

1. All operations shall be on an unprotected and non-harmful interference basis, Waterman Broadcasting Corporation of Florida, shall not cause harmful interference to, and shall not claim protection from interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.
2. Pursuant to Section 1.62 of the Commission's rules, 47 C.F.R. § 1.62, continued operation of this station with ALSAT under SES-STA-20120826-00784 with grant date of August 26, 2012 continued in effect until grant of this authorization.

SES-STA-20120927-00862

Call Sign	Grant Date
(or other identifier)	10-2-12
From	Term Dates
10-2-12	To: 11-1-12
Author	
Thomas Spurner	



**2. Contact**

<b>Name:</b>	Eve R. Pogoriler	<b>Phone Number:</b>	2026625345
<b>Company:</b>	Covington & Burling LLP	<b>Fax Number:</b>	2027785345
<b>Street:</b>	1201 Pennsylvania Avenue, NW	<b>E-Mail:</b>	epogoriler@cov.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20004 -
<b>Attention:</b>	Eve R. Pogoriler	<b>Relationship:</b>	Legal Counsel

(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)

3. Reference File Number SESSTA2012082600784 or Submission ID

4a. Is a fee submitted with this application?

- If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).
- Governmental Entity     Noncommercial educational licensee
- Other (please explain):

4b. Fee Classification    CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant                       Change Station Location                       Other

6. Requested Use Prior Date  
09/26/2012

7. City Fort Myers

8. Latitude  
(dd mm ss.s h) 0 0 0.0



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## 12. Description

This application seeks extension of Special Temporary Authority (FCC File number SES-STA-20120826-00784) to operate a satellite news gathering (SNG), Domestic Satellite Temporary Fixed (Transportable) Earth Station that is used in conjunction with commercial TV Station WBBH-TV, Fort Myers. The station's engineering consultants are in the process of finalizing the technical information for the application to license the station's new SNG facilities. Grant of the requested STA would serve the public interest by enhancing the station's coverage of weather emergencies and other breaking news for the people of Ft. Myers and the surrounding area.

## TECHNICAL SPECIFICATIONS

Conventional Ku Band  
Transmit/Receive

CONTROL POINT  
Name Paul Tanner (Truck Operator)  
Telephone Number 239-707-2450

### MOBILE TRANSMIT ANTENNA

Transmit Antenna Manufacturer AVL Technologies

Transmit Antenna Model Number 1610K-11

Transmit Antenna Bandwidth 1.0@-3dB/1.6@-10dB

Transmit Antenna Gain 2 port - 46.0 dBi Typical

### Frequency Coordination Limits

(a) Range of Satellite Arc:

- (1) Western Limit 143 W °
- (2) Eastern Limit 69 W °

(b) Antenna Elevation Angle at:

- (1) Western Limit 31.6@127 W °min
- (2) Eastern Limit 52.3@63 W °min

(c) Maximum EIRP Density Toward Horizon 50.08

### Antenna Facilities:

(a) Use of Antenna

Occasional

(b) Antenna Size

1.6 meters

(c) Type of feed

Switchable Wide Band Offset Feed Horn

(d) Antenna gain in dBi and the frequency at which it is measured:

45.5 dBi min/46.0 dBi typical across 13.75 to 14.5 GHz

Receiving System Noise Temperature 48° K at 10° Elevation

Specifics of operation

Frequency limits: 14 - 14.5 GHz

### RECEIVE ANTENNA

Various Receive Site Used

No

Receive Antenna Manufacturer

Andrew

Receive Antenna Model Number

206317-2/ESA46-124

Receive Antenna Bandwidth .34 @ -3dB  
.67 @ -15 dB

Receive Antenna Gain 53.8

Antenna AGL 3 meters

### **TRANSMITTER**

Transmitter Manufacturer Advantech Wireless  
Transmitter Model (100 W) SSPB-KS-2200G-100W

Number of high power amplifiers 1

Transmitter Frequency Bands (T/R) 14-14.5 GHz  
(T/R) 11.7 - 12.2 GHz

Transmitter Digital Output Power 80 W +49 dBm/100W +50 dBm  
Antenna Polarization Linear

Max EIRP for each RF carrier in the main beam:  
74.9 dBw

Max EIRP for density for each RF carrier in the main beam:  
50.5 dBw

Does the Transmitter employ Automatic Transmitter Power Control? No

### **TRANSMIT LOCATION (KMRA) in NAD 83**

a. Centerpoint Coordinates  
26 - 36 - 27 N Latitude  
81 - 51 - 48 W Longitude

b. Radius of Operation 500 miles