

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

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

I. 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		



File # SES-STA-20120826-00784  
Call Sign NONE Grant Date 8/26/2012  
(or other identifier) Term Dates  
From 8/26/2012 To: 9/25/2012  
Approved: Paul E. Blah

<b>2. Contact</b>	
<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 or Submission ID	
4a. Is a fee submitted with this application?	
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).	
<input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee	
<input type="radio"/> Other (please explain):	
4b. Fee Classification CGX - Fixed Satellite Transmit/Receive Earth Station	
5. Type Request	
<input checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other	
6. Requested Use Prior Date	
08/26/2012	
7. CityFort Myers	
8. Latitude	
(dd mm ss.s h) 0 0 0.0	

9. State FL	10. Longitude (dd mm ss.h) 0 0 0.0
11. Please supply any need attachments. Attachment 1: Exhibit I Attachment 2: Attachment 3:	
12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) <div style="border: 1px solid black; padding: 5px;">This application seeks Special Temporary Authority to operate a new satellite news gathering (SNG), Domestic Satellite Temporary#8722;Fixed (Transportable) Earth Station that will be used in conjunction with commercial TV Station WBBH#8722;TV, Fort Myers. There is currently a Hurricane Warning for Fort Myers area. At the time the Hurricane</div>	
13. By checking Yes, the undersigned certifies that neither 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 Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of &quot;party to the application&quot;; for these purposes. Yes <input checked="" type="radio"/> No <input type="radio"/>	
14. Name of Person Signing Bernard E. Waterman	15. Title of Person Signing President
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).	

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## **12. Description**

This application seeks Special Temporary Authority to operate a new satellite news gathering (SNG), Domestic Satellite Temporary#8722;Fixed (Transportable) Earth Station that will be used in conjunction with commercial TV Station WBBH#8722;TV, Fort Myers. There is currently a Hurricane Warning for Fort Myers area. At the time the Hurricane Warning for the Ft. Myers area was issued, the station and its engineering consultants were preparing full technical information for an application to license the station's new SNG facilities, to be filed in the ordinary course in the coming week. The weather emergency, however, has created an urgent need for the SNG facility to be put into use prior to the completion of the license application. Accordingly, immediate grant of the requested STA would serve the public interest by enhancing the station's coverage of the weather emergency 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 Bandwith 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 Bandwith           .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