

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Hurricane Irma GATR Disaster Relief Emergency STA

1. Applicant

Name:	GATR Technologies	Phone Number:	256-382-1334
DBA Name:		Fax Number:	256-382-1336
Street:	7000 Quest Circle	E-Mail:	RMcDonald@gatr.com
City:	HUNTSVILLE	State:	AL
Country:	USA	Zipcode:	35806 -
Attention:	Mr Roark McDonald		

2. Contact

Name:	John L. Burger	Phone Number:	256-541-3572
Company:	GATR Technologies	Fax Number:	256-382-1336
Street:	7000 Quest Circle	E-Mail:	JBurger@gatr.com
City:	Huntsville	State:	AL
Country:	USA	Zipcode:	35806 -
Attention:		Relationship:	Engineer

(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?

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 CGB – Mobile Satellite Earth Stations

5. Type Request

Use Prior to Grant

Change Station Location

Other

6. Requested Use Prior Date

7. City

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

9. State FL	10. Longitude (dd mm ss.s h) 0 0 0.0
11. Please supply any need attachments. Attachment 1: Existing STA WG2XXQ 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; margin: 10px 0;">This urgent STA seeks to provide emergency disaster relief communications to those affected by Hurricane Irma. GATR requests expedited processing pursuant to FCC Public Notice DA 17-846. GATR makes portable satellite antennas that are FCC licensed in Ku-band (Call Sign E080108) and C-band (Call Sign E090054). This STA is for use of X-band</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 "party to the application"; for these purposes. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing John L. Burger	15. Title of Person Signing Systems Engineer
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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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104–13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

12. Description

This urgent STA seeks to provide emergency disaster relief communications to those affected by Hurricane Irma. GATR requests expedited processing pursuant to FCC Public Notice DA 17-846. GATR makes portable satellite antennas that are FCC licensed in Ku-band (Call Sign E080108) and C-band (Call Sign E090054). This STA is for use of X-band SatCom frequencies (transmit 7.9-8.4 GHz, receive 7.25-7.75 GHz). Commercial X-band Satellite Provider XTAR has X-band bandwidth available on XTAR-LANT to support disaster relief efforts. GATR has previously obtained an STA for X-band (Call Sign WG2XXQ, Attachment 1) with coordination/concurrence of NTIA/AFSMO in support of a US Government Contract. This STA is limited to Huntsville, AL, and stipulates use must be in support of that contract. GATR seeks this new STA to provide emergency temporary communications to Hurricane Irma relief efforts in Florida and affected areas. With this STA GATR will send 2.4m and 1.2m Satellite Antenna Terminals to Florida in the coming days to provide immediate communications restoration. The 2.4m antennas will have an 80W X-band HPA, for a total EIRP of 62.9 dBW. The 1.2m antennas will have a 25W X-band HPA, for a total EIRP of 50.2 dBW. Right now there are two plans being considered, both using XTAR-LANT bandwidth. With the first, GATR will use TDMA Modems at the remote terminals to connect into an XTAR provided teleport in Canada. With the second, GATR will stand up a 4.0m GATR Antenna (100W X-band HPA, total EIRP of 69 dBW) in Huntsville, AL, and use it to provide point-to-point FDMA links with the 2.4m and 1.2m GATR remote terminals in Florida. GATR can provide detailed frequency use information once that is known, as well as specific remote site location information as required. If coordination with NTIA is required for this STA, GATR requests guidance from the FCC on obtaining such expedited coordination during emergency disaster relief efforts. We have so far been unable to contact anyone at NTIA for this effort; on Monday we plan to reach out to ASMO representatives. We are also reaching out to US Army customers for assistance with NTIA coordination.