

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Thrane & Thrane Airtime Ltd. Blanket MET STA Request

I. Applicant

Name:	THRANE & THRANE AIRTIME LTD.	Phone Number:	757-747-2340
DBA Name:		Fax Number:	757-463-9581
Street:	509 VIKING DRIVE SUITES K, L & M	E-Mail:	HEN@THRANE.COM
City:	VIRGINIA BEACH	State:	VA
Country:	USA	Zipcode:	23452
Attention:	HENRIK NORRELYKKE		

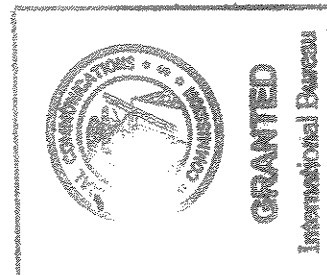
"Conditions Attached"

File # SES-STA-2006-0522-00857

Call Sign E060179
(or other identifier)

From June 30, 2006 To August 29, 2006

Approved: A. Kottler



Thrane & Thrane Airtime LTD.
IBFS File No. SES-STA-20060522-00857

The request of Thrane & Thrane Airtime LTD. (T&T Airtime) for special temporary authority (STA) IS GRANTED. Accordingly, T&T Airtime is authorized for a period ending August 29, 2006, to operate up to 5,000 Broadband Global Area Network (BGAN) mobile earth terminals (METs) using the Inmarsat 4F2, in accordance with the terms, conditions, and technical specifications set forth in the Commission's rules and this document.

1. Neither the aggregate uplink EIRP densities in the direction of any other L-band satellite serving the United States, nor the downlink EIRP densities at any geographical point within the United States, shall be increased, above the levels previously authorized in connection with operations using the Inmarsat 3F4 satellite, as a result of the operations authorized by this STA.
2. Operations on the Inmarsat 4F2 satellite shall be on an unprotected basis. T&T Airtime shall not claim protection from, and is required to accept interference from, other lawfully operating satellites or radiocommunication systems.
3. Operations are permitted on those frequencies previously used for authorized U.S. MET operations on the Inmarsat 3F4 satellite, except that operations are not permitted on certain frequencies, made available to Inmarsat by MSV USA and MSV Canada as part of the operator-to-operator coordination process, the use of which is currently an issue pending in connection with T&T Airtime's request for regular authority.
4. Adequate guard bands shall be provided between the band edges of the carriers used by T&T Airtime and the band edges of MSV's operations in order to preclude the possibility of unacceptable interference to MSV's operations.
5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at T&T Airtime's own risk.
6. The grant of this STA is not based on a finding that Inmarsat's L-band operations are consistent with operation on a non-interference basis.
7. The grant of this STA is without prejudice to any future determination that the Commission may make as to whether Inmarsat's L-band operations are consistent with operation on a non-interference basis.
8. This STA may be terminated or modified at the International Bureau's discretion, without a hearing, if conditions warrant.
9. T&T Airtime must notify each customer, in writing and prior to initiation of service, that BGAN operations on the Inmarsat 4F2 satellite are pursuant to a grant of special temporary authority that may be terminated or modified at any time.
10. Authority granted in this STA is without prejudice to the disposition of any related applications for regular authority.
11. This grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately.

Thrane & Thrane Airtime LTD.
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12. T&T Airtime is afforded thirty days from the date of release of this action to decline this special temporary authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the special temporary authorization as conditioned.

2. Contact	
Name: Eric Fishman, Esq.	Phone Number: (202)828-1849
Company: Holland & Knight LLP	Fax Number: (202)955-5564
Street: 2099 Pennsylvania Avenue, NW Suite 100	E-Mail: eric.fishman@hklaw.com
City: Washington	State: DC
Country: USA	Zipcode: 20006 --
Attention: Eric Fishman	Relationship: 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 IB2006001334	
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 CGB -- Mobile Satellite Earth Stations	
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 05/22/2006	
7. City	
8. Latitude (dd mm ss.s h) 0 0 0.0	

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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.

STA REQUEST

Thrane & Thrane Airtime Ltd. (“T&T Airtime”) seeks special temporary authority (“STA”) pursuant to Section 25.120 of the Commission’s rules, 47 C.F.R. § 25.120, for 60 days to allow T&T Airtime to provide Inmarsat’s Broadband Global Area Network (“BGAN”) service using up to 5,000 mobile earth terminals (“METs”) operating in the L-band in conjunction with the Inmarsat 4F2 satellite located at the 52.75° W.L. orbital location. Temporary authority to provide the BGAN service using these METs and this satellite will allow T&T Airtime to offer Inmarsat’s BGAN service in the United States while the International Bureau (“Bureau”) considers the underlying BGAN application previously filed by T&T Airtime.

I. BACKGROUND

On May 22, 2006, T&T Airtime filed an application (“T&T Airtime BGAN Application”) for a blanket license to operate 20,000 METs with Inmarsat’s BGAN service (File No. SES-LFS-20060522-00852). T&T Airtime hereby incorporates by reference that application and its technical details and material for purposes of this STA request.¹

In the T&T Airtime BGAN Application, T&T Airtime proposes to offer Inmarsat BGAN services to U.S. consumers through four different BGAN METs: WorldPro 1000 manufactured by NERA, Wideye Sabre I manufactured by AddValue, Explorer 500 and Explorer 700 manufactured by Thrane and Thrane, and HNS 9201 manufactured by Hughes Network Systems. Each offers a different combination of size and data

¹ T&T Airtime also incorporates by reference all ownership information and certifications provided in the original T&T Airtime BGAN Application.

transmission capability, and all comply with the Commission's Rules for operation in the L-band.² T&T Airtime plans to operate its METs with Inmarsat's fourth generation satellite, the Inmarsat 4F2, which is located at 52.75° W.L.

T&T Airtime expects to be able to provide the BGAN service over the Inmarsat 4F2 immediately, but understands the Bureau will not be able to complete its review of the T&T Airtime application by that date. Accordingly, T&T Airtime respectfully requests an STA to provide the BGAN service in the United States as soon as it becomes available.

For the same reasons set forth in the T&T Airtime BGAN Application, grant of this STA is consistent with the ORBIT Act³ and satisfies the Commission's *DISCO II* standard.⁴

II. PUBLIC INTEREST

Grant of this STA request is in the public interest because it will allow U.S. consumers, including the U.S. military and public safety community in particular, to access faster, more flexible, and more robust satellite broadband services. These satellite broadband services will likely prove invaluable when the next natural disaster or terrorist attack occurs.

The T&T Airtime BGAN service will offer U.S. consumers Internet Protocol packet-switched data and circuit-switched applications at speeds up to 492 Kbps. BGAN will provide U.S. customers broadband access to e-mail, local area networks, the Internet,

² File No. SES-LFS-20060303-00343, Exhibit B.

³ 47 U.S.C. § 761 *et seq.*

⁴ See Amendment of the Commission's Policies to Allow Non-U.S. Licensed Space Stations providing Domestic and International Service in the United State, 12 FCC Rcd 24094 (1997) ("DISCO II").

intranet/extranets, video conferencing services, video-on-demand, and voice communications from almost anywhere in the world.⁵ BGAN operates at eight times the speed of the fastest mobile services available in the U.S. (Inmarsat GAN), and 100 times faster than MSV's services. BGAN service is currently available in Europe, Africa, Asia and the Middle East.⁶ Prompt Commission grant of this request would allow U.S. subscribers to enjoy the same advanced mobile satellite services as the rest of the world, instead of operating at a fraction of the speed.

BGAN is needed as soon as possible by the U.S. military and the public safety community, which is seeking improved data speeds in the event of a large-scale natural disaster or terrorist attack. The recent natural disasters associated with hurricanes Katrina, Rita and Wilma in the Gulf of Mexico region demonstrate an urgent need for the BGAN offering and approval of this STA request. While the existing Inmarsat services played a vital role in the recovery efforts, the data transmission speeds of these existing services relied on in the Gulf, and throughout the United States, do not match the high speed terrestrial networks people have come to expect. Prompt grant of this STA will ensure that the higher data speeds offered by BGAN will be available when the next natural disaster or terrorist attack takes place. Indeed, hurricane season begins this year on June 1st.⁷ Accordingly, grant of this STA by June 2, 2006 will allow government "First Responders" and private industry users time to obtain and deploy BGAN terminals and familiarize themselves with those terminals, as well as the BGAN services and features,

⁵ File No. SES LFS-20060303-00343, Exhibit B at 10.

⁶ Inmarsat Announces Launch of BGAN Service, Inmarsat website, *available at* <http://about.inmarsat.com/news/00018831.aspx?language=EN&testonly=False>.

⁷ See <http://www.noaanews.noaa.gov/stories2005/s2540.htm>.

so that BGAN can have immediate impact on any advance preparations or recovery effort that becomes necessary. Such extraordinary circumstances justify grant of this requested STA.

BGAN service is already available in Europe, Africa, Asia and the Middle East. The benefit of equality of service is clear. U.S. customers will be able to subscribe to T&T Airtime BGAN service in the United States and use it around the world. Similarly, individuals that already use BGAN in other parts of the world will be able to operate their equipment in the United States.

The Inmarsat 4F2 satellite located at 52.75° W.L., which will be used to provide the BGAN service, can be operated in a manner that will cause no greater potential for interference than Inmarsat's former satellite located at 54° W.L., Inmarsat 3. In many ways, Inmarsat 4F2 is more "interference friendly" than Inmarsat 3 because Inmarsat 4F2 has narrower spot beams with steeper antenna side lobes to reduce interference into adjacent areas, and it has higher gain spot beams to allow the use of terminals that radiate less than one-tenth the power of the Inmarsat data terminals currently used in the United States. In sum, BGAN service will be provided on Inmarsat 4F2 in a manner that will not adversely affect the current interference environment.

T&T Airtime understands that grant of this requested STA will be without prejudice to and will be conditioned on, the Bureau's action on the underlying application (File No. SES-LFS-20060522-00852⁸) for a blanket license to operate its 20,000 METs with Inmarsat's BGAN service. For the reasons set forth above, T&T Airtime respectfully requests that this STA be granted no later than June 2, 2006 for 60 days.

⁸ See n.1, *supra*.

Grant of this relief will be consistent with STA grants recently issued by the Commission to similarly situated parties.⁹

⁹ See STA filings made by: BT Americas Inc. (File No. SES-STA-20060315-00445), FTMSC US, LLC (File No. SES-STA-20060314-00438), MVS USA, Inc. (File No. SES-STA-20060316-00454), Stratos Communications, Inc. (File No. SES-STA-20060310-00419), and Telenor Satellite, Inc. (File No. SES-STA-20060313-00430) – all granted by the Commission May 12, 2006.