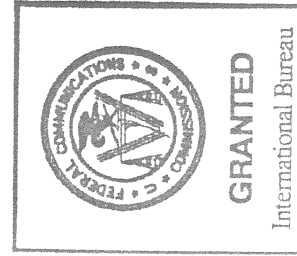


APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for Special Temporary Authority (STA) to operate up to 5,000 BGAN Mobile Earth Terminals with Inmarsat's fourth-generation satellite (Inmarsat 4F2).

1. Applicant

Name: Stratos Communications, Inc. **Phone Number:** 301-214-8800
DBA Name: **Fax Number:** 301-214-8801
Street: 6901 Rockledge Drive Suite 900 **E-Mail:**
City: Bethesda **State:** MD
Country: USA **Zipcode:** 20817
Attention: Legal Department



File # SES - STA - 20060310-00419
w 1th attached conditions
Call Sign E050249 **Grant Date** 5/12/2006
(or other identifier)
Term Dates
From 5/12/2006 **To:** 7/11/2006

Approved: *[Signature]*
Robert G. Nelson Chief Satellite Division

Stratos Communications, Inc.
IBFS File No. SES-STA-20060310-00419

The request of Stratos Communications, Inc. (Stratos) for special temporary authority (STA) IS GRANTED. Accordingly, Stratos is authorized for a period of 60 days, ending July 11, 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. Stratos 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 Stratos's request for regular authority.
4. Adequate guard bands shall be provided between the band edges of the carriers used by Stratos 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 Stratos'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. Stratos 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.

Stratos Communications, Inc.
IBFS File No. SES-STA-20060310-00419

12. Stratos 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: Alfred Mamlet **Phone Number:** 202-429-6205
Company: Steptoe & Johnson LLP **Fax Number:** 202-429-3902
Street: 1330 Connecticut Ave. N.W. **E-Mail:** amamlet@steptoe.com
City: Washington **State:** DC
Country: USA **Zipcode:** 20036 -1795
Attention: **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 SESLFS2005082601175 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
04/17/2006

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

9. State	10. Longitude (dd mm ss.s h) 0 0 0.0
11. Please supply any need attachments. Attachment 1: Description Attachment 2: COS 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: 5px 0;">Request for Special Temporary Authority (STA) to operate up to 5,000 BGAN Mobile Earth Terminals with Inmarsat's fourth-generation satellite (Inmarsat 4F2).</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. Yes <input checked="" type="radio"/> No <input type="radio"/>	
14. Name of Person Signing Paul Kugelman	15. Title of Person Signing Assistant Secretary
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).	

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

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.

DESCRIPTION OF STA REQUEST

Pursuant to Section 25.120 of the Commission's rules, 47 C.F.R. § 25.120, Stratos Communications, Inc. ("Stratos") seeks special temporary authority ("STA") for 60 days to allow Stratos 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 Stratos to offer Inmarsat's BGAN service in the United States while the International Bureau ("Bureau") considers the underlying BGAN application previously filed by Stratos.

I. BACKGROUND

On August 26, 2005, Stratos filed an application ("Stratos BGAN Application") for a blanket license to operate 20,000 METs with Inmarsat's BGAN service (File Nos. SES-LFS-20050826-01175, SES-AMD-20050922-01313, SES-AMD-20051117-01590).¹ Stratos hereby incorporates by reference that application and its technical details and material for purposes of this STA request.² On October 28, 2005, Mobile Satellite Ventures LLC ("MSV")

¹ Stratos has also filed an application for authority under Section 214 of the Communications Act to offer the BGAN service in the United States. *See* File No. ITC-214-20050826-00351. Concurrently with this STA application, Stratos is also filing an application for STA under title II to offer the BGAN service in the United States.

² Stratos also incorporates by reference all ownership information and certifications provided in the original Stratos BGAN Application.

filed a Petition to Hold in Abeyance or to Grant with Conditions³ to which Stratos has responded.⁴

In the Stratos BGAN Application, Stratos proposes to offer Inmarsat BGAN services to U.S. consumers through four different BGAN METs: NERA PUT manufactured by NERA, AddValue PUT manufactured by AddValue, T&T Lite manufactured by Thrane and Thrane, and HNS Briefcase manufactured by Hughes Network Systems. Each offers a different combination of size and data transmission capability, and all comply with the Commission's Rules for operation in the L-band.⁵ Stratos plans to operate its METs with Inmarsat's fourth generation satellite, the Inmarsat 4F2, which is located at 52.75° W.L.

Stratos expects to be able to provide the BGAN service over the Inmarsat 4F2 by April 17, 2006. In the event that the Bureau is unable to complete its review of that application by April, Stratos 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 Stratos BGAN Application, grant of this STA is consistent with the ORBIT Act⁶ and satisfies the Commission's DISCO II standard.⁷

³ MSV Petition to Hold in Abeyance or To Grant with Conditions (Oct. 28, 2005).

⁴ Stratos Communications, Inc., Opposition to MSV Petition To Hold in Abeyance or To Grant with Conditions (Nov. 10, 2005).

⁵ File Nos. SES-LFS-20050826-01175, Attachment 4.

⁶ 47 U.S.C. § 761 *et seq.*

⁷ *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").

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 Stratos BGAN service will offer U.S. consumers with Internet Protocol packet-switched data and circuit-switched applications at speeds up to 492 Kbps. BGAN will provide U.S. customers broadband access to email, local area networks, the Internet, intranet/extranets, video conferencing services, video-on-demand, and voice communications from almost anywhere in the world.⁸ 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.⁹ 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. In the aftermath of these hurricanes, the current Stratos/Inmarsat services were used by FEMA, the National Guard, the U.S. Army, state and local governments, law enforcement personnel and the petroleum industry to facilitate voice communications and

⁸ File Nos. SES-LFS-20050826-01175, Attachment 4 at 2.

⁹ Inmarsat Announces Launch of BGAN Service, Inmarsat website, *available at* <http://about.inmarsat.com/news/00018831.aspx?language=EN&textonly=False>.

Internet access in the absence of terrestrial networks.¹⁰ 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.¹¹ Accordingly, grant of this STA by April 17th will allow government “First Responders” and private industry users time to obtain and deploy BGAN terminals, familiarize themselves with those terminals, as well as the BGAN services and features, so that BGAN can have an 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. Without the requested STA, U.S. consumers will have to sit idly by while companies and individuals around the world take advantage of this improved satellite broadband service. While it is impossible to predict the harm that may be caused to U.S. customers as a result of this disparity, the benefit of equality of service is clear. U.S. customers will be able to subscribe to Stratos’s 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

¹⁰ See, e.g., Declaration of Robert J. Roe (VP of Sales for Stratos) at ¶¶ 10-11 (in File No. SES-STA-20051216-01769) (Dec. 16, 2005).

¹¹ See <http://www.noaanews.noaa.gov/stories2005/s2540.htm>.

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.

Stratos 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 Nos. SES-LFS-20050826-01175, SES-AMD-20050922-01313, SES-AMD-20051117-01590) for a blanket license to operate its 20,000 METs with Inmarsat's BGAN service.

For the reasons set forth above, Stratos respectfully requests that this STA be granted no later than April 17, 2006 for 60 days.

Granted Policy Division
International Bureau

MAY 12 2006

authorized by:
Chief, Policy Div. IB

signature James L. Ball
Conditions incorporated by

Non-Streamlined ITC-STA-20060310-00149
IB2006000665
Stratos Communications, Inc.

Stratos Communications, Inc.
STA Request
Attachment A

reference from STA granted 5/12/06.
File No. SES-STA-20060310-00419

DESCRIPTION OF STA REQUEST

By this application, Stratos Communications, Inc. ("Stratos") seeks special temporary authority ("STA") for 60 days to allow Stratos to sell Inmarsat's Broadband Global Area Network ("BGAN") service provided over the Inmarsat 4F2 satellite located at the 52.75° W.L. orbital location. Temporary authority to provide the BGAN service using this satellite will allow Stratos to offer Inmarsat's BGAN service in the United States while the International Bureau ("Bureau") considers the underlying BGAN Section 214 application previously filed by Stratos.

I. BACKGROUND

On August 26, 2005, Stratos filed an application ("Stratos BGAN 214 Application") for Section 214 authority to provide the BGAN service via the Inmarsat 4F2 satellite (File No. ITC-214-20050826-00351).¹ In the Stratos BGAN 214 Application, Stratos proposes to offer Inmarsat BGAN services originating and terminating in the United States and abroad. Stratos hereby incorporates by reference that application for purposes of this STA request.² On October 28, 2005, Mobile Satellite Ventures LLC ("MSV") filed a Petition to Hold in Abeyance or to Grant with Conditions³ to which Stratos has responded.⁴

¹ Stratos has also filed an application for blanket license authority to operate 20,000 mobile earth terminals ("METs") using Inmarsat's BGAN service. See File Nos. SES-LFS-20050826-01175, SES-AMD-20050922-01313, SES-AMD-20051117-01590. Concurrently with this STA application, Stratos is also filing an application for STA under title III to operate METs with the BGAN service in the United States.

² Stratos also incorporates by reference all ownership information and certifications provided in the original Stratos BGAN 214 Application.

³ MSV Petition to Hold in Abeyance or To Grant with Conditions (Oct. 28, 2005).