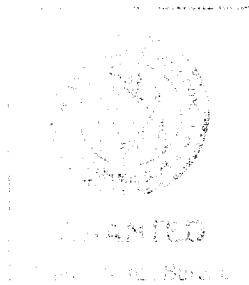


APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
60 Day STA for E020074 to Allow Transition of Inmarsat D+ Service to New Inmarsat 4F2 Satellite

1. Applicant

Name:	Satamatics, Inc.	Phone Number:	877-728-6283
DBA Name:		Fax Number:	360-246-7263
Street:	P.O. Box 393	E-Mail:	brian@satamatics.com
City:	Buckeystown	State:	MD
Country:	USA	Zipcode:	21717 -
Attention:	Mr Brian Hester		



(Subject to attached conditions)

SES-STA-20051223-01790

Grant No. E020074 Grant Date 01/18/06

(or other identifier)

Term Dates

From 01/18/06 To: 03/19/06

Approved: Cassandra C. Thomas

Acting Division Chief

See attached conditions.

Satamatics Communications, Inc.
IBFS File No. SES-STA-20051223-01790

The request of Satamatics, Inc. (Satamatics) for special temporary authority (STA) IS GRANTED. Accordingly, Satamatics is authorized from January 18, 2006 to March 19, 2006 to continue operations on the Inmarsat 4F2 satellite using mobile earth terminals (METs) previously authorized under call sign E020074 to communicate with the Inmarsat 3F4 satellite 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 as a result of continuance on the Inmarsat 4F2 satellite of operations previously authorized on the Inmarsat 3F4 satellite.
2. Operations on the Inmarsat 4F2 satellite shall be on an unprotected basis. Satamatics shall not claim protection from, and is required to accept interference from, other lawfully operating satellites or radiocommunication systems.
3. No later than February 17, 2006 a report must be submitted addressing whether, given the increased capacity of the Inmarsat 4F2 satellite relative to the Inmarsat 3F4 satellite, there would be any discontinuance of, or degradation of the reliability of, existing operations should access to the "loaned" spectrum be terminated. In the event that the report asserts that such discontinuation or degradation may occur, the report must include a detailed, quantitative explanation of the basis of this assertion. Any such explanation must also include a list of the end-users, including any U.S. government end-users, using METs that may operate in the "loaned" spectrum under this STA, a point of contact (name and telephone number) for each such end-user, and the number of METs associated with each such end-user. Any such explanation, to the extent that it claims that termination of operations on the "loaned" spectrum would degrade service on other frequencies, must include a list of the potentially affected end-users, including any U.S. government end-users, using METs operating under this STA, a point of contact (name and telephone number) for each such end-user, and the number of METs associated with each such end-user. Should the U.S. government users not authorize disclosure of frequencies or services used on the "loaned" spectrum, the report must include a point of contact (name and telephone number) for the associated end-user who can verify the government's use. For purposes of this condition, "loaned" spectrum is defined as those bandwidth segments that were loaned to Inmarsat by MSV and MSV Canada, either as part of the Revised 1999 Spectrum Sharing Arrangement (October 4, 1999), or later as bilateral arrangements between Inmarsat and MSV and Inmarsat and MSV Canada.
4. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Satamatics's own risk.
5. 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.
6. 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.
7. This STA may be terminated or modified at the International Bureau's discretion, without a hearing, if conditions warrant.

Satamatics Communications, Inc.
IBFS File No. SES-STA-20051223-01790

8. Satamatics must notify its customers in writing no later than February 17, 2006 that operations on the Inmarsat 4F2 satellite are pursuant to a 60-day grant of special temporary authority that may be terminated or modified at any time.
9. Authority granted in this STA is without prejudice to the disposition of the underlying modification applications in IBFS File Nos. SES-MFS-20051202-01665, SES-MFS-20051122-01614, SES-MFS-20051122-01615, SES-MFS-20051122-01616, SES-MFS-20051122-01617, SES-MFS-20051122-01618, SES-MFS-20051123-01626, SES-MFS-20051123-01627, SES-MFS-20051123-01629, SES-MFS-20051123-01630, and SES-MFS-20051207-01709.
10. 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.
11. Satamatics 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.

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
60 Day STA for E020074 to Allow Transition of Inmarsat D+ Service to New Inmarsat 4F2 Satellite

1. Applicant

Name:	Satamatics, Inc.	Phone Number:	877-728-6283
DBA Name:		Fax Number:	360-246-7263
Street:	P.O. Box 393	E-Mail:	brian@satamatics.com
City:	Buckeystown	State:	MD
Country:	USA	Zipcode:	21717 -
Attention:	Mr Brian Hester		

2. Contact	
Name: Alfred Mamlet	Phone Number: 202-429-6205
Company: Steptoe & Johnson	Fax Number: 202-429-3902
Street: 1330 Connecticut Ave., NW	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 SESMFS2005120201665 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 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 01/13/2006	
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: Narrative STA Attachment 2: Hester Declaration Attachment 3: Cert. of Service	
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;"> Satamatics, Inc. ('Satamatics') requests special temporary authority to allow for the transition of the Inmarsat D+ service currently provided by the Inmarsat 3 satellite at 54 W.L. to the new Inmarsat 4F2 satellite at 52.75 W.L. Please see the attached narrative application for further detail. </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. <div style="text-align: right;"> <input checked="" type="radio"/> Yes <input type="radio"/> No </div>	
14. Name of Person Signing Brian Hester	15. Title of Person Signing President and COO
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

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to jboley@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

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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.

DESCRIPTION OF STA REQUEST

By this application, Satamatics, Inc. ("Satamatics") requests grant by January 13, 2006 of special temporary authority ("STA") for sixty (60) days to allow Satamatics to maintain existing services to its currently licensed Inmarsat D+ terminals (call-sign E020074) with the recently launched fourth-generation Inmarsat satellite to be located at 52.75° W.L. ("Inmarsat 4F2").

Satamatics is not asking to offer any new service. Satamatics merely wants to continue to provide essential services, which have been licensed for more than two years, to the U.S. Coast Guard and the U.S. Navy, and important private sector customers.

Satamatics recently filed a modification application (File No. SES-MFS-20051202-01665) for call-sign E020074 in order to add the Inmarsat 4F2 as a point of communication. Satamatics hereby incorporates by reference that modification application and its technical details and material for purposes of this STA request. The Satamatics modification application has not yet been placed on public notice. On December 2, 2005, Mobile Satellite Ventures Subsidiary LLC ("MSV") filed a Notice of Intent to Participate, and in addition, it filed a Motion to designate the proceeding as "permit-but-disclose." *See* MSV Notice of Intent to Participate (Dec. 2, 2005); Motion to Designate Proceedings As "Permit-But-Disclose" (Dec. 2, 2005).

Since March 2003, Satamatics has been licensed by the FCC to provide Inmarsat D+ services domestically in the United States.¹ As set forth in the attached Declaration of Brian Hester, President and Chief Operating Officer for Satamatics, Satamatic's customers for Inmarsat services encompass a wide range of U.S. customers, including the U.S. military and private sector end-users. *See* Declaration of Brian Hester at ¶ 5 (Attachment B). U.S. military users include: the U.S. Coast Guard and the U.S. Navy. *See* Declaration of Brian Hester at ¶ 6. U.S. private sector customers include: Centerpoint Energy, M2M, American Electric Power, PS Energy, Halliburton, Chevron, Air Liquide, and Air Products. *See* Declaration of Brian Hester at ¶ 7.

As set forth in File No. SES-MFS-20051202-01665, the Inmarsat 4F2 is licensed by the United Kingdom and will be located at the 52.75° W.L. orbital location. It was launched on November 8, 2005. In addition, as set forth in File No. SES-MFS-20051202-01665, grant of the modification application is in the public interest, is consistent with the ORBIT Act² and

¹ *See In the Matter of Richtec Incorporated; Application for Blanket License to Operate up to 10,000 Mobile Earth METs in the 1525-1544 MHz and 1626.5-1645.5 MHz Frequency Bands (E020074)*, 18 FCC Rcd 3295 (rel. Mar. 7, 2003).

² *See* 47 U.S.C. § 761 *et seq.*

satisfies the Commission's *DISCO II* standard.³ Absent authority to communicate with the Inmarsat 4F2, Satamatics will not be able to continue to provide the Inmarsat D+ service, licensed under call-sign E020074, to its existing or future customers because the D+ service will be migrated from the third generation Inmarsat satellite currently at 54° W.L. to the Inmarsat 4F2 satellite at 52.75° W.L.

Inmarsat is scheduled to migrate these services to the Inmarsat 4F2 on January 15, 2006. Satamatics has been informed by Inmarsat that maintaining this schedule is necessary because the Inmarsat 3 satellite currently at 54° W.L. needs to be moved to 142° W.L. where it will replace a second generation Inmarsat satellite, which is running out of fuel and needs to be decommissioned shortly. This second generation satellite at 142° W.L. is currently providing essential Inmarsat lease services to the U.S. Navy and the U.S. Coast Guard. *See* Declaration of Brian Hester at ¶ 4. An untimely migration of the "existing and evolved services" from the third generation Inmarsat satellite to the new Inmarsat 4F2 satellite would jeopardize the continuity of these essential services currently being provided by the second generation satellite at the 142° W.L. orbital location.

Since the current the Satamatics modification application has not been placed on public notice and MSV has already indicated its intent to participate in this application proceeding, Satamatics believes that it is unlikely that the International Bureau will be able to act on the modification application in advance of the scheduled January 15, 2006 migration of the Inmarsat D+ service to the new Inmarsat 4F2 satellite at 52.75° W.L.⁴ Accordingly, Satamatics is requesting this STA to ensure that there is no disruption of service to Satamatics' existing Inmarsat D+ customers when Inmarsat migrates the services to the new satellite.

Grant of this STA request is in the public interest. Grant of this STA request will ensure that these end-users do not experience any disruption to the Inmarsat services they currently use and rely on. Disruption of the Satamatics service would hinder U.S. Coast Guard and U.S. Navy homeland security efforts, including surveillance and warnings for potential terrorist hijackings of marine vessels. In addition, an interruption of service would compromise the ability of Satamatics' private sector clients to track their assets and to monitor sensitive energy facilities, including natural gas well heads, pipelines, shipping containers and service vehicles. *See* Declaration of Brian Hester at ¶¶ 6 - 8.

The Inmarsat D+ service which currently is being provided over the Inmarsat satellite at 54° W.L. can and will be provided over the Inmarsat 4F2 at 52.75° W.L. without adversely affecting the interference environment that exists today with respect to other operating L-Band spacecraft. Specifically, (i) the EIRP spectral density of the proposed carriers on the Inmarsat 4F2 will be no greater than the EIRP spectral density of the same services provided

³ *See Amendment of the Commission's Policies to Allow Non-U.S. Licensed Space Stations Providing Domestic and International Service in the United States*, 12 FCC Rcd 24094 (1997) ("*DISCO II*").

⁴ In all likelihood, Satamatics and MSV will be in the middle of the pleading cycle for the Satamatics modification application.

today over the Inmarsat satellite at 54° W.L., (ii) the out-of-band emissions from the Inmarsat 4F2 carriers will not exceed the limits of §25.202(f) (1), (2) and (3), and (iii) no greater protection from interference into the Inmarsat 4F2 spacecraft or the Inmarsat mobile earth terminals, beyond the level of protection that exists today, is sought. In sum, during the term of this STA, these services can and will be provided on Inmarsat 4F2 within the technical envelope pursuant to which these services are currently provided on the third generation Inmarsat satellite currently located at 54° W.L.

Satamatics understands that grant of this requested STA will be without prejudice to, and will be conditioned on, the Bureau's action on the underlying modification application (File No. SES-MFS-20051202-01665) to modify call-sign E020074 to add the Inmarsat 4F2 as an authorized point of communication.

For the reasons set forth above, Satamatics respectfully requests that this STA be granted no later than January 13, 2006⁵ for sixty (60) days.

⁵ January 13, 2006 is the last business day before the planned January 15, 2006 cut-over to the Inmarsat 4F2 satellite of the "existing and evolved" services.

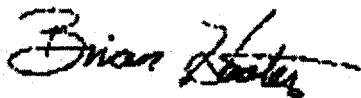
DECLARATION OF BRIAN HESTER

I, Brian Hester, hereby declare as follows:

1. I am President and Chief Operating Officer for Satamatics, Inc. ("Satamatics").
2. Satamatics currently holds a license from the FCC to operate Inmarsat D+ terminals in the United States. As set forth in this license, the Inmarsat D+ terminals are permitted to communicate with a third generation Inmarsat satellite currently located at 54° W.L.
3. Satamatics recently submitted applications to the FCC to modify its license in order to add as a new point of communication, a recently launched fourth generation Inmarsat satellite ("the Inmarsat 4F2") to be located at 52.75° W.L.
4. It is my understanding that the Inmarsat 4F2 satellite will replace the third generation Inmarsat satellite located at 54° W.L., and this third generation satellite will be moved by Inmarsat to 142° W.L., where it will replace a second generation Inmarsat satellite that is being decommissioned. It is also my understanding that Inmarsat lease services are currently provided over the second generation Inmarsat satellite at 142° W.L. to the U.S. Navy and Coast Guard.
5. Satamatics provides Inmarsat services to U.S. military and private sector end-users in the United States.
6. The U.S. military uses the Inmarsat D+ service provided by Satamatics for surveillance of marine vessels of interest and to warn of potential terrorist hijackings of marine vessels. Some of Satamatics's U.S. military customers using the Inmarsat services include: the U.S. Navy and the U.S. Coast Guard.

7. The private sector, including land transport companies, maritime transport companies, security companies, and utilities, uses the Inmarsat D+ service provided by Satamatics in order to monitor natural gas well heads, pipelines, shipping containers, and service vehicles. Satamatics' U.S. private sector customers of the Inmarsat D+ service include: Centerpoint Energy, M2M, American Electric Power, PS Energy, Halliburton, Chevron, Air Liquide, and Air Products.
8. Disruption of the Satamatics Inmarsat D+ service would hinder U.S. Coast Guard and U.S. Navy security efforts. In addition, an interruption of service would compromise the ability of Satamatics' private sector clients to track their assets and to monitor sensitive energy facilities.

I, Brian Hester, hereby declare under penalty of perjury under the laws of the United States that the foregoing is true and correct to the best of my knowledge, information and belief.

A handwritten signature in black ink that reads "Brian Hester". The signature is written in a cursive, slightly slanted style.

Brian Hester
President and Chief Operating Officer
Satamatics, Inc.

Executed on December 22, 2005.

CERTIFICATE OF SERVICE

I, Brendan Kasper, an attorney with the law firm of Steptoe & Johnson LLP, hereby certify that on this 23rd day of December, 2005, served a true copy of the foregoing "STA Request," by first class mail, postage pre-paid (or as otherwise indicated) upon the following:

James Ball* International Bureau Federal Communications Commission 445 12 th Street, S.W. Washington, DC 20554	Andrea Kelly* International Bureau Federal Communications Commission 445 12 th Street, S.W. Washington, DC 20554
Cassandra Thomas* International Bureau Federal Communications Commission 445 12 th Street, S.W. Washington, DC 20554	Scott Kotler* International Bureau Federal Communications Commission 445 12 th Street, S.W. Washington, DC 20554
Howard Griboff* International Bureau Federal Communications Commission 445 12 th Street, S.W. Washington, DC 20554	Karl Kensinger* International Bureau Federal Communications Commission 445 12 th Street, S.W. Washington, DC 20554
Fern Jarmulnek* International Bureau Federal Communications Commission 445 12 th Street, S.W. Washington, DC 20554	John Martin* International Bureau Federal Communications Commission 445 12 th Street, S.W. Washington, DC 20554
Stephen Dull* International Bureau Federal Communications Commission 445 12 th Street, S.W. Washington, DC 20554	Jennifer A. Manner Vice President, Regulatory Affairs Mobile Satellite Ventures Subsidiary LLC 1002 Park Ridge Boulevard Reston, Virginia 20191
Robert Nelson* International Bureau Federal Communications Commission 445 12 th Street, S.W. Washington, DC 20554	Bruce D. Jacobs** David S. Konczal Pillsbury Winthrop Shaw Pittman LLP 2300 N Street, N.W. Washington, DC 20037-1128

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Brendan Kasper

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