

SES-STA-20051216-01757

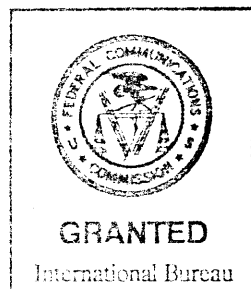
Approved by OMB  
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
STA for WB36 to communicate with the Inmarsat 4F2 satellite

1. Applicant

|                   |                                    |                      |                             |
|-------------------|------------------------------------|----------------------|-----------------------------|
| <b>Name:</b>      | Telenor Satellite, Inc.            | <b>Phone Number:</b> | 301-838-7860                |
| <b>DBA Name:</b>  |                                    | <b>Fax Number:</b>   | 301-838-7752                |
| <b>Street:</b>    | 1101 Wootton Parkway<br>10th Floor | <b>E-Mail:</b>       | keith.fagan@telenor-usa.com |
| <b>City:</b>      | Rockville                          | <b>State:</b>        | MD                          |
| <b>Country:</b>   | USA                                | <b>Zipcode:</b>      | 20852 -1064                 |
| <b>Attention:</b> | Mr Keith H Fagan                   |                      |                             |



(with attached conditions)

File # SES-STA-20051216-01757

Call Sign WB36 Grant Date 1/19/06

(or other identifier)

Term Dates

From 1/19/06 To: 3/19/06

Approved: Cassandra C. Thomas

Acting Chief, Satellite Division

**Telenor Satellite Inc.**

**IBFS File Nos. SES-STA-20051216-01756, SES-STA-20051216-01757, SES-STA-20051216-01758, SES-STA-20051216-01759; SES-STA-20060118-00055; SES-STA-20060118-00056; SES-STA-20060118-00057; SES-STA-20060118-00058; SES-STA-20060119-00064**

The request of Telenor Satellite, Inc. (Telenor) for special temporary authority (STA) IS GRANTED. Accordingly, Telenor is authorized from January 19, 2006 to March 19, 2006 to continue operations on the Inmarsat 4F2 satellite using hub earth stations and mobile earth terminals (METs) previously authorized under call signs KA312, WB36, WA28, KA313, E000280, E000282, E000283, E000284, and E000285 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. Telenor 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 Telenor'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.

**Telenor Satellite Inc.**

**IBFS File Nos. SES-STA-20051216-01756, SES-STA-20051216-01757, SES-STA-20051216-01758, SES-STA-20051216-01759; SES-STA-20060118-00055; SES-STA-20060118-00056; SES-STA-20060118-00057; SES-STA-20060118-00058; SES-STA-20060119-00064**

8. Telenor 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, SES-MFS-20051207-01709, SES-MFS-20060118-00050, SES-MFS-20060118-00051, SES-MFS-20060118-00052, and SES-MFS-20060118-00053.
10. Authority granted in this STA is without prejudice to possible enforcement action in connection with any prior unauthorized operation of Inmarsat-C terminals.
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.
12. Telenor 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.

|   |  |
|---|--|
| <b>2. Contact</b>   |  |
| <b>Name:</b> Telenor Satellite, Inc.  | <b>Phone Number:</b> 301-838-7860          |
| <b>Company:</b>   | <b>Fax Number:</b> 301-838-7752            |
| <b>Street:</b> 1101 Wootton Parkway<br>10th Floor   | <b>E-Mail:</b> keith.fagan@telenor-usa.com |
| <b>City:</b> Rockville  | <b>State:</b> MD                           |
| <b>Country:</b> USA   | <b>Zipcode:</b> 20852 -1064                |
| <b>Attention:</b> Mr Keith H Fagan  | <b>Relationship:</b>                       |
| (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 SESMFS2005112301630 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<br>01/15/2006   |  |
| 7. City Southbury   | 8. Latitude<br>(dd mm ss.s h) 41 27 5.0 N  |

|  |   |
|--|---|
| 9. State CT  | 10. Longitude<br>(dd mm ss.s h) 73 17 19.0 W  |
| 11. Please supply any need attachments.<br>Attachment 1: Need Attachment                      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.)<br><div style="border: 1px solid black; padding: 5px; margin: 10px 0;">Applicant Telenor Satellite, Inc. seeks special temporary authority to enable its earth station WB36 in Southbury, CT to communicate with the Inmarsat 4F2 satellite when that satellite becomes operational on or about January 15, 2006.</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<br>Keith H. Fagan   | 15. Title of Person Signing<br>Senior Counsel |
| WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT<br>(U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION<br>(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.**

## TELENOR SATELLITE, INC.

### REQUEST FOR SPECIAL TEMPORARY AUTHORITY

Telenor Satellite, Inc. ("Telenor") requests special temporary authority to allow the earth stations at its Southbury, CT teleport (KA312, KA313, WA28 and WB36) to communicate with the Inmarsat 4F2 satellite at 52.75° W.L. beginning on or about January 15, 2006, when Inmarsat is scheduled to migrate existing and evolved services from the Inmarsat 3F4 satellite currently located at 54° W.L. Each of Telenor's Southbury earth stations is currently licensed to operate with Inmarsat 3F4 (among other satellites), and Telenor has modification applications pending for each of those earth stations to allow communications with Inmarsat 4F2. In all likelihood, however, those applications will not be granted before the January 15 service migration date. Accordingly, an STA is needed to assure continuity of service for Telenor's many customers who now receive service on the Inmarsat 3F4. In this regard, it should be noted that Telenor does not seek to provide new services such as BGAN pursuant to this STA.

Inmarsat has informed Telenor that it is critical to maintain the January 15 service migration date because the Inmarsat 3F4 satellite needs to be moved to 142° W.L., where it will replace a second generation Inmarsat satellite that is running out of fuel and will be decommissioned shortly. An untimely migration of the existing and evolved services from Inmarsat 3F4 to Inmarsat 4F2 would jeopardize the continuity of the essential services currently being provided by the second generation satellite at the 142° W.L. orbital location – including, among others, leased channel services being provided by Telenor to the U.S. Navy.

The services to be transitioned from Inmarsat 3F4 to Inmarsat 4F2 include Inmarsat-B, Inmarsat C, Inmarsat Mini-M and Aero Mini-M, GAN, Aero-H and H+, Aero-I, and Swift. As shown below, and as stated in the attached declaration by Bo Norton, Telenor's Director of Channel Sales, The Americas, each of those services is used by Telenor's customers to meet critical telecommunications needs via the Inmarsat satellite at the 54°/52.75° W.L. orbital location.

Inmarsat B is used by the U.S. Navy and U.S. Coast Guard, as well as commercial shipping companies, to support communications to and from ships at sea. Inmarsat B terminals are also deployed by the U.S. State Department at American embassies worldwide, and these terminals are also used by the Department of Homeland Security and the National Guard.

Inmarsat C supports GMDSS, the Global Marine Distress and Safety System. It also aids in tracking fishing fleets in U.S. territorial waters and commercial shipping approaching the U.S. coastline.

Mini-M, Aero Mini-M and GAN services are used by every branch of the U.S. military in support of training and deployment to Iraq, Afghanistan and around the world. These services are also used by the State Department, DHS and the National Guard, as well as by news organizations covering events in Iraq, Afghanistan and elsewhere.

Aero-I service is used by the Air Mobility Command, the Air Force component of the United States Transportation Command. Aero-H and H+ services, as well as Swift services, are used aboard U.S. Presidential aircraft, including Air Force One, both by government officials and by journalists covering the President. Aero-H and Swift services are also used by the 89<sup>th</sup> Air Wing to support the Administration, Congress and flag officers of the different services. In addition, these services are used to support the U.S. military's Commanders in Chief (CinCs), and other classified airborne assets.

Disruption of any of these services would be costly, and in many cases service interruption would have an adverse effect on vital national interests. Accordingly, grant of this STA will serve the public interest, convenience and necessity.

Moreover, grant of this STA will not prejudice any interested party. The services that Telenor currently provides over Inmarsat 3F4 can and will be provided over Inmarsat 4F2 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 Inmarsat 4F2 will be no greater than the EIRP spectral density of the same services provided today over Inmarsat 3F4, (ii) the out-of-band emissions from those 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 Telenor 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 Inmarsat 3F4.

For all these reasons, Telenor respectfully requests the Bureau to grant this STA for a period beginning on January 15, 2006 and ending after sixty days, or whenever the Bureau takes action on Telenor's underlying applications.



## DECLARATION OF BO NORTON

I, Bo Norton, hereby declare as follows:

1. I am Director of Channel Sales, The Americas, for Telenor Satellite Services. In that capacity, I have personal knowledge of the services that Telenor provides on the Inmarsat 3F4 satellite currently located at 54° W.L. and on the Inmarsat 2 satellite currently located at 142° W.L.

2. I have been informed that Inmarsat plans to migrate existing services from Inmarsat 3F4 to Inmarsat 4F2 at 52.75° W.L. on or about January 15, 2006, and that Inmarsat then plans to move Inmarsat 3F4 to 142° W.L. in order to replace the Inmarsat 2 at that location, which is running out of fuel.

3. I have read Telenor's Request for Special Temporary Authority in which it seeks permission to communicate with Inmarsat 4F2 beginning at the time of service migration in order to ensure continuity of service for Telenor's customers. As stated in that Request, the services to be transitioned from Inmarsat 3F4 to Inmarsat 4F2 include Inmarsat-B, Inmarsat C, Inmarsat Mini-M and Aero Mini-M, GAN, Aero-H and H+, Aero-I, and Swift. Each of those services is used by Telenor's customers to meet critical telecommunications needs via the Inmarsat satellite at the 54° W.L. orbital location.

4. Inmarsat B is used by the U.S. Navy and U.S. Coast Guard, as well as commercial shipping companies, to support communications to and from ships at sea. Inmarsat B terminals are also deployed by the U.S. State Department at American embassies worldwide, and these terminals are also used by the Department of Homeland Security and the National Guard.

5. Inmarsat C supports GMDSS, the Global Marine Distress and Safety System. It also aids in tracking fishing fleets in U.S. territorial waters and commercial shipping approaching the U.S. coastline.

6. Mini-M, Aero Mini-M and GAN services are used by every branch of the U.S. military in support of training and deployment to Iraq, Afghanistan and around the world. These services are also used by the State Department, DHS and the National Guard, as well as by news organizations covering events in Iraq, Afghanistan and elsewhere.

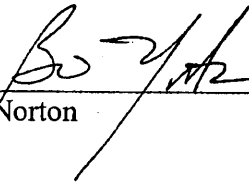
7. Aero-I service is used by the Air Mobility Command, the Air Force component of the United States Transportation Command. Aero-H and H+ services, as well as Swift services, are used aboard U.S. Presidential aircraft, including Air Force One, both by government officials and by journalists covering the President. Aero-H and Swift services are also used by the 89<sup>th</sup> Air Wing to support the Administration, Congress and flag officers of the different services. In addition, these services are used to support the U.S. military's Commanders in Chief (CinCs), and other classified airborne assets.

8. Each of the services listed above would be disrupted if Telenor were not able to communicate with Inmarsat 4F2 at the time of service migration from Inmarsat 3F4. In addition,

Telenor uses the Inmarsat satellite at 142° W.L. to provide leased channel services to the U.S. Navy. Those services would also be disrupted if Inmarsat were not able to place an Inmarsat 3 satellite at that location in a timely manner.

I, Bo Norton, 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.

Executed on December 16, 2005.

  
Bo Norton