ORIGINAL

Jennifer A. Manner
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June 13, 2007

Via Hand Delivery
Mr. James Burtle
Chief, Experimental Licensing Branch
Office of Engineering and Technology
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: Northrop Grumman Ship Systems, Inc.
File No. 0281-EX-ST-2007

Dear Mr. Burtle:

The above-referenced application by Northrop Grumman Ship Systems, Inc. ("Applicant") for special temporary authority seeks authority to operate equipment transmitting, *inter alia*, throughout the 1.6 GHz MSS L band (1626.5-1660.5 MHz). Based on the list of transmitting equipment to be installed (e.g., Nera Saturn BM – Inmarsat-B and Thrane and Thrane – TT3064A), Applicant presumably intends to communicate with one or more Inmarsat satellites. Mobile Satellite Ventures Subsidiary LLC ("MSV"), the licensee of AMSC-1 and MSV-1, United States satellites licensed by the Commission to provide Mobile Satellite Service ("MSS") in the MSS L band, hereby requests that the Office of Engineering and Technology ("OET") in acting on the above-referenced application prohibit the use of frequencies coordinated for MSV or Mobile Satellite Ventures (Canada) Inc. ("MSV Canada"), including the loaned L band frequencies.[1] In addition, to the extent Applicant seeks to communicate with the uncoordinated Inmarsat 4F2 satellite, OET should impose the same terms and conditions that OET and IB have recently imposed on grants of authority to operate with that satellite, along with certain clarifications requested by MSV. Finally, to the extent Applicant seeks to communicate with the uncoordinated Inmarsat 3F4 satellite, OET should impose similar terms and conditions to protect against interference to MSV's customers.

Proposed Use of Frequencies Coordinated for MSV or MSV Canada. Applicant's request will impact the operations of MSV and MSV Canada in two ways. First, Applicant is applying to use frequencies coordinated for and used by MSV and MSV Canada today. Applicant's use of these frequencies will result in harmful interference to customers of these

[1] The International Bureau ("IB") has defined "loaned" L band frequencies 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." *See, e.g.*, Stratos Communications, Inc., Stamp Grant, SES-STA-20051216-01760 et al., at ¶ 3 (January 18, 2006).

systems. To avoid any such problem, OET should require Applicant to list the specific frequencies it will use for this demonstration, as it has required of other applicants for experimental licenses to operate with Inmarsat satellites.[2] Applicant should be able to obtain the specific frequencies it will use for this demonstration from Inmarsat, as other experimental license applicants have done.[3] OET has granted these applications subject to operation on only the specific frequencies requested, provided those frequencies do not include frequencies coordinated for MSV and MSV Canada.[4] Absent specific frequency information, OET cannot decide that grant of this experimental license will not result in harmful interference. Second, Applicant's requested frequencies necessarily include "loaned" L band frequencies, as that term has been defined by IB. The current use of these frequencies by Inmarsat is blocking the operations of MSV and MSV Canada today and is preventing them from using those frequencies to test and deploy new, hybrid system technologies using their current satellites. As it has done with other experimental license applications, MSV urges OET to prohibit Applicant from using loaned frequencies or any other frequencies coordinated for MSV and MSV Canada.[5]

Potential Use of the Inmarsat 4F2 Satellite. It is not apparent from the application which Inmarsat satellite(s) Applicant proposes to use. As MSV has explained in other proceedings, the Inmarsat 4F2 satellite has not been coordinated among the North American L band operators, and as a result, presents a significant risk of interference.[6] IB and OET have recognized this by imposing conditions on authorizations permitting access to the uncoordinated Inmarsat 4F2 satellite.

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[2] *See, e.g.*, Application of HNS License Sub, LLC, File No. 0137-EX-ML-2005 (WD2XJU); Application of Inmarsat, Inc., File No. 0059-EX-PL-2006 (WD2XWM).

[3] *See supra* note 3.

[4] *See supra* note 3.

[5] *See, e.g.,* Letter from Ira Keltz, Chief, Electromagnetic Compatibility Division, FCC, to Steven Doiron, Hughes Network Systems Sub LLC, File No. 0137-EX-ML-2005 (Call Sign WD2XJU) (March 7, 2006); Aeronautical Radio Inc., Call Sign WC2XOC, File No. 0024-EX-RR-2006 (Condition #5, modifying license to preclude use of the Loaned Frequencies); Furuno U.S.A. Inc., Call Sign WA2XPJ, File No. 0037-EX-RR-2006 (Condition #4, modifying license to preclude use of the Loaned Frequencies); *see also* Raytheon Company, Call Sign WC9XOZ, File No. 0249-EX-ST-2006 (Condition #3, precluding use of the Loaned Frequencies); Aeronautical Radio Inc., Call Sign WD2XXX, File No. 0327-EX-PL-2005 (Condition #5, precluding use of the Loaned Frequencies); Telenor Satellite Services Holding AS, Call Sign WC2XNE, File No. 0231-EX-RR-2006 (Condition #5); Raytheon Company, Call Sign WE2XCR, File No. 0708-EX-PL-2006 (Condition #8, modifying license to preclude use of the Loaned Frequencies).

[6] *See, e.g.*, Mobile Satellite Ventures Subsidiary LLC, Petition to Hold in Abeyance, File No. SES-LFS-20060303-00343, File No. SES-AMD-20060316-00448 (Call Sign E060076) (April 14, 2006). MSV hereby incorporates by reference this filing.

IB Conditions. On May 12, 2006, IB granted Special Temporary Authority ("STA") to operate Broadband Global Area Network ("BGAN") terminals with the uncoordinated Inmarsat 4F2 satellite, but subject to a number of conditions essential to help mitigate the harmful interference that will result to MSV's customers from uncoordinated BGAN operations in the United States.[7] Among other things, the conditions (i) require that operations pursuant to the STA be conducted on an unprotected basis; (ii) mandate that certain EIRP densities cannot be exceeded; (iii) ensure that adequate guard bands are provided between the band edges of Inmarsat's carriers and the band edges of MSV's operations in order to preclude the possibility of unacceptable interference to MSV's operations; (iv) make clear that grant of the STA is not based on a finding that Inmarsat's L band operations are consistent with operation on a non-interference basis; and (v) specify that grant of the 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. *Id.* On June 12, 2006, MSV filed the attached Petition for Clarification asking IB to clarify certain of these conditions to improve their effectiveness.[8]

OET Conditions. On February 23, 2006, OET authorized Inmarsat to test BGAN terminals with the uncoordinated Inmarsat 4F2 satellite, but subject to a number of conditions, including the requirements to (i) immediately shut down in the event interference is caused; (ii) notify MSV prior to commencing operations and identify a point of contact for interference complaints; (iii) mandate that certain EIRP densities cannot be exceeded; (iv) ensure that the occupied bandwidth of the signal emissions remain within certain band limits; and (v) ensure that adequate guard bands are provided between the band edges of Inmarsat's carriers and the band edges of MSV's operations in order to preclude the possibility of unacceptable interference to MSV's operations.[9]

To mitigate the harmful interference to L band users from operation of the uncoordinated Inmarsat 4F2 satellite, MSV requests that OET apply both the *IB Conditions*, with MSV's requested clarifications, and the *OET Conditions* to any grant of the above-referenced application.

Potential Use of the Inmarsat 3F4 Satellite. As MSV has explained in other proceedings, the Inmarsat 3F4 satellite has not been coordinated at its current orbital location, 142°W, among

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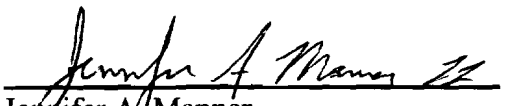
[7] *See, e.g.*, Stratos Communications, Inc., Request for Special Temporary Authority, File No. SES-STA-20060310-00419 (filed March 10, 2006; granted with conditions on May 12, 2006) (attached as Exhibit A).

[8] *See* Mobile Satellite Ventures Subsidiary LLC, Petition for Clarification, File No. SES-STA-20060310-00419 et al. (June 12, 2006) (attaching Letter from Ms. Jennifer A. Manner, MSV, to Ms. Marlene H. Dortch, FCC, File No. SES-STA-20060310-00419 et al. (May 26, 2006)) (attached as Exhibit B).

[9] *See* Inmarsat, Inc., File No. 0059-EX-PL-2006 (WD2XWM) (attached as Exhibit C).

the North American L band operators, and as a result, presents a significant risk of interference.[10] Accordingly, for reasons similar to those warranting the imposition of the *IB Conditions* and *OET Conditions*, OET should apply similar conditions to any grant of the above-referenced application.

Please contact the undersigned with any questions.



Jennifer A. Manner
Vice President, Regulatory Affairs
MOBILE SATELLITE VENTURES SUBSIDIARY LLC
10802 Parkridge Boulevard
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(703) 390-2700

[10] *See, e.g.*, Mobile Satellite Ventures Subsidiary LLC, Petition to Hold in Abeyance, File No. SES-STA-20061221-02206, File No. SES-STA-20061221-02206 (December 22, 2006); Mobile Satellite Ventures Subsidiary LLC, Petition to Hold in Abeyance, File No. SES-MFS-20060725-01253, File No. SES-AMD-20060804-01310 (September 8, 2006). MSV hereby incorporates by reference these filings.

Exhibit A

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.

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.

Exhibit B

Before the
Federal Communications Commission
Washington, D.C. 20554

In the matter of	)	
	)	
Stratos Communications, Inc.	)	File No. SES-STA-20060310-00419 (Call Sign E050249)
	)	
Telenor Satellite, Inc.	)	File No. SES-STA-20060313-00430 (Call Sign E050276)
	)	
FTMSC US LLC	)	File No. SES-STA-20060314-00438 (Call Sign E050284)
	)	
BT Americas, Inc.	)	File No. SES-STA-20060315-00445 (Call Sign E060076)
	)	
MVS USA Inc.	)	File No. SES-STA-20060316-00454 (Call Sign E050348)

PETITION FOR CLARIFICATION

Mobile Satellite Ventures Subsidiary LLC ("MSV"), pursuant to Section 1.106 of the Commission's rules, 47 C.F.R. § 1.106, hereby files this Petition for Clarification of the International Bureau's ("Bureau") May 12, 2006 decision granting the above-referenced requests for Special Temporary Authority ("STA") to operate Broadband Global Area Network ("BGAN") terminals using an uncoordinated Inmarsat satellite, Inmarsat 4F2 at 52.75°W. The Bureau's decision contains a number of very important and appropriate conditions that are essential to help mitigate the harmful interference that will result to customers of other L band Mobile Satellite Service ("MSS") operators once Inmarsat begins its uncoordinated BGAN operations. On May 26, 2006, prior to the deadline for filing Petitions for Clarification or Reconsideration of the decisions granting the BGAN STAs,[1] MSV filed the attached letter asking that the Bureau clarify certain of these conditions to improve their effectiveness. *See* Exhibit A. MSV hereby requests that the Bureau treat the attached letter and the clarifications requested therein as a Petition for Clarification of the Bureau's decisions granting the above-referenced

[1] The deadline for filing Petitions for Clarification or Reconsideration of the grant of the BGAN STAs is today, June 12, 2006. *See* 47 C.F.R. § 1.106(f).

STA requests. 47 C.F.R. § 1.106. A copy of this Petition has been served on the parties to the above-referenced proceedings. *Id.*

Respectfully submitted,

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David S. Konczal
PILLSBURY WINTHROP
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MOBILE SATELLITE VENTURES
SUBSIDIARY LLC
10802 Parkridge Boulevard
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Dated: June 12, 2006

Exhibit A

MSV
Mobile Satellite Ventures LP

RECEIPT COPY

Jennifer A. Manner
Vice President, Regulatory Affairs

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FAX: 703 390-2770
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May 26, 2006

Via Hand Delivery
Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

RECEIVED
MAY 26 2006
Federal Communications Commission
Office of Secretary

Re: **Mobile Satellite Ventures LP**
***Ex Parte* Presentation**
File No. SES-STA-20060310-00419 (Call Sign E050249)
File No. SES-STA-20060313-00430 (Call Sign E050276)
File No. SES-STA-20060314-00438 (Call Sign E050284)
File No. SES-STA-20060315-00445 (Call Sign E060076)
File No. SES-STA-20060316-00454 (Call Sign E050348)

Dear Ms. Dortch:

The May 12, 2006 decisions granting the above-captioned requests for Special Temporary Authority ("STA") to operate Broadband Global Area Network ("BGAN") terminals using an uncoordinated Inmarsat satellite, Inmarsat 4F2 at 52.75°W, contain a number of very important and appropriate conditions that are essential to help mitigate the harmful interference that will result to customers of other L band Mobile Satellite Service ("MSS") operators once Inmarsat begins its uncoordinated BGAN operations. Mobile Satellite Ventures Subsidiary LLC ("MSV") requests that the International Bureau clarify certain of these conditions to improve their effectiveness.

Condition 1. The May 12th decisions require the "downlink EIRP densities" at any geographical point within the United States to not exceed the levels previously authorized in connection with operations of the Inmarsat 3F4 satellite. As it did in limiting the aggregate uplink EIRP density, the Bureau should specify that the downlink EIRP limit is an aggregate limit. The Bureau should also clarify that the aggregate uplink and aggregate downlink EIRP density limits specified in Condition 1 apply in the aggregate to all Inmarsat satellites visible over North America. The condition as written appears to address only the emissions contributed by Inmarsat 4F2 to the aggregate emissions from all of Inmarsat satellites operating over North America. At least some of the frequencies used on the Inmarsat 4F2 at 52.75°W, however, are reused by Inmarsat on its other satellites visible over North America, which operate at 15.5°W, 98°W, 142°W, 143°E, and 178°E. The Bureau should make clear that the aggregate uplink and aggregate downlink EIRP densities from all Inmarsat satellites, including Inmarsat 4F2, must not exceed the level that existed before launch of Inmarsat 4F2.

Conditions 2 and 5. The May 12th decisions impose conditions on Inmarsat's service providers which should apply to Inmarsat as well. In Condition 2, the Bureau specified that BGAN operations are permitted only on a strictly unprotected basis. Because MSV has no means of determining which of the Inmarsat BGAN service providers may be responsible for causing interference to MSV's operations, we urge the Bureau to make clear that upon MSV's notice to Inmarsat of interference, Inmarsat and its service providers are jointly and severally responsible for taking immediate action to rectify any interference. In Condition 5, the Bureau explained that any action taken or expense incurred as a result of operations pursuant to this STA by a BGAN service provider is solely at the service provider's own risk. MSV urges the Bureau to similarly explain that any action taken or expense incurred by Inmarsat as a result of operations pursuant to this STA is solely at its own risk.

Condition 3. The May 12th decisions prohibit the STA holders from operating on certain disputed frequencies. The STA holders, however, do not have access to the specific frequencies covered by this condition. To ensure that the STA holders comply with this condition, MSV urges the Bureau to require each of the STA holders to submit a certification from Inmarsat declaring that Inmarsat has not and will not assign any unauthorized frequencies for operation of the earth stations covered by the STA.

Condition 4. The May 12th decisions require "adequate guard bands" to be provided between the band edges of the carriers used by the BGAN service provider and the band edges of MSV's operations to preclude the possibility of unacceptable interference to MSV's operations. Rather than relying on Inmarsat to determine what constitutes an "adequate guard band," the Bureau should specify a guard band of at least 50 kHz between the band edges of the carriers used by the BGAN service provider and the band edges of MSV's coordinated frequencies. This specification is essential because MSV has already suffered interference from Inmarsat's assignment of inadequate guard bands on other Inmarsat wideband carriers. Based on MSV's initial observation of experimental BGAN signals, a guard band of at least 50 kHz is needed to limit interference to MSV's narrowband carriers to the levels accepted under the Operators' Agreements developed pursuant to the *Mexico City MOU*. While MSV may discover during the course of coordination or from operations pursuant to these STAs that a different guard band is required to protect MSV, specification of a 50 kHz minimum guard band now in advance of coordination will reduce the material risk of harmful interference to MSV's customers while still enabling BGAN service. Moreover, because BGAN operations are permitted only on a strictly unprotected basis, the Bureau should also clarify that the 50 MHz guard band must lie entirely within Inmarsat's coordinated frequency assignments and may not lie within the frequencies coordinated for MSV or MSV Canada.

Conditions 6, 7, and 10. In Conditions 6, 7, and 10, the May 12th decisions explain that grant of the STA (i) is not based on a finding, and is without prejudice to any future determination the Commission may make, that Inmarsat's L band operations are consistent with operation on a non-interference basis, and (ii) is without prejudice to disposition of the pending applications for permanent authority to operate BGAN terminals. Consistent with these conditions, the Bureau should also explain that it expects Inmarsat to diligently conclude coordination of its Inmarsat 4F2 satellite with respect to the current and planned operations of

MSV and MSV Canada before it can make a definitive determination that operation of the Inmarsat 4F2 satellite will not result in unacceptable interference and before it can grant the pending applications for permanent authority.

Please contact the undersigned with any questions.

Very truly yours,

Jennifer A. Manner

CERTIFICATE OF SERVICE

I, Sylvia A. Davis, a secretary with the law firm of Pillsbury Winthrop Shaw Pittman LLP, hereby certify that on this 26th day of May 2006, I served a true copy of the foregoing by first-class United States mail, postage prepaid, upon the following:

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Counsel for MVS USA, Inc.

Sylvia A. Davis

*By hand delivery

Technical Certification

I, Richard O. Evans, Senior Engineer of Mobile Satellite Ventures Subsidiary LLC, certify under penalty of perjury that:

I am the technically qualified person with overall responsibility for the technical information contained in the foregoing. I am familiar with the Commission's rules, and the information contained in the foregoing is true and correct to the best of my knowledge and belief.

Richard O. Evans

Dated: June 12, 2006

CERTIFICATE OF SERVICE

I, Sylvia A. Davis, a secretary with the law firm of Pillsbury Winthrop Shaw Pittman LLP, hereby certify that on this 12th day of June 2006, I served a true copy of the foregoing by first-class United States mail, postage prepaid, upon the following:

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Counsel for MVS USA, Inc.

Sylvia A. Davis

*By hand delivery

Exhibit C

Diane J. Cornell, 1100 Wilson Boulevard Suite 1425, Arlington, VA 22209,

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL	WD2XWM
(Nature of Service)	(Call Sign)
XD MO	0059-EX-PL-2006
(Class of Station)	(File Number)

NAME Inmarsat, Inc.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(d, f, g, j) of the Commission's Rules

Station Locations
(1) MOBILE: NATIONWIDE

Frequency Information

MOBILE: NATIONWIDE

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1627.1-1627.7 MHz	MO		79.4 W (ERP)	
		200KD7W		
		200KD7W		
		50K0D7W		
1627.1-1627.7 MHz	MO		25.1 W (ERP)	
		200KD7W		
		200KD7W		
		50K0G7W		
1627.1-1627.7 MHz	MO		7.9 W (ERP)	
		25K0G7W		
		200KG7W		

This authorization effective February 23, 2006 and
will expire 3:00 A.M. EST September 01, 2006

FEDERAL COMMUNICATIONS COMMISSION

Frequency Information

MOBILE: NATIONWIDE

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1639.3-1639.5 MHz	MO		79.4 W (ERP)	
		200KD7W		
		200KD7W		
		50K0D7W		
1639.3-1639.5 MHz	MO		25.1 W (ERP)	
		200KD7W		
		200KD7W		
		50K0G7W		
1639.3-1639.5 MHz	MO		7.9 W (ERP)	
		200KG7W		
		25K0G7W		
1642.5-1642.7 MHz	MO		79.4 W (ERP)	
		200KD7W		
		200KD7W		
		50K0D7W		
1642.5-1642.7 MHz	MO		25.1 W (ERP)	
		200KD7W		
		200KD7W		
		50K0G7W		
1642.5-1642.7 MHz	MO		7.9 W (ERP)	
		200KG7W		
		25K0G7W		
1643.9-1644.3 MHz	MO		79.4 W (ERP)	
		200KD7W		
		50K0D7W		
		200KD7W		

Frequency Information

MOBILE: NATIONWIDE

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1643.9-1644.3 MHz	MO		25.1 W (ERP)	
		200KD7W		
		50K0G7W		
		200KD7W		
1643.9-1644.3 MHz	MO		7.9 W (ERP)	
		200KG7W		
		25K0G7W		
1646.5-1647.7 MHz	MO		79.4 W (ERP)	
		200KD7W		
		50K0D7W		
		200KD7W		
1646.5-1647.7 MHz	MO		25.1 W (ERP)	
		200KD7W		
		50K0G7W		
		200KD7W		
1646.5-1647.7 MHz	MO		7.9 W (ERP)	
		200KG7W		
		25K0G7W		

Special Conditions:

(1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

(2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.

(3) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.

(4) POINT OF COMMUNICATION: INMARSAT 4F2 Satellite.

(5) Inmarsat shall assure that adequate guard bands are provided between the band edges of its carriers and the band edges of MSV's operations in order to preclude the possibility of unacceptable interference to MSV's operations.

Special Conditions:

(6) 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 the addition of experimental BGAN operations on the Inmarsat 4F2 satellite over those densities previously authorized on the Inmarsat 3F4 satellite.

(7) Inmarsat, Inc. shall notify MSV prior to commencing operations and identify its point of contact.

CERTIFICATE OF SERVICE

I, Jennifer A. Manner, hereby certify that on this 17th day of May 2007, I served a true copy of the foregoing by first-class United States mail, postage prepaid, upon the following:

Ira Keltz*
Office of Engineering and Technology
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

Stephen Duall*
International Bureau
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

James Burtle*
Office of Engineering and Technology
Federal Communications Commission
445 12th Street, S.W.
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John Kennedy*
Office of Engineering and Technology
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

John F. Adams
Raytheon Company
2620 Flagstone Court
Shelby, NC 28152

Jennifer A. Manner

*By hand delivery

CERTIFICATE OF SERVICE

I, Jennifer A. Manner, hereby certify that on this 13th of June 2007, I served a true copy of the foregoing by first-class United States mail, postage prepaid, upon the following:

Ira Keltz*
Office of Engineering and Technology
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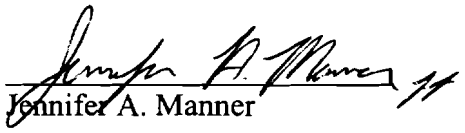
Gerald L. Good
Northrop Grumman Ship Systems, Inc.
P.O. Box 149
Pascagoula, MS 39567



Jennifer A. Manner

*By hand delivery