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Wiley Rein & Fielding LLP



File # SAT-STA-20030425-00074
with attached conditions
Call Sign E2305 Grant Date 4-25-03
(or other identifier) Term Dates
From 4-25-03 To 5/2/03
Approved: FG

Peter D. Shields
202.719.3249
pshields@wrf.com

April 25, 2003

Via Facsimile

Thomas S. Tycz
Chief, Satellite Division
International Bureau
Federal Communications Commission
445 12th Street, S.W., Room 6-A665
Washington, DC 20554

Re: Request for Special Temporary Authority for Iridium Constellation LLC
To Provide Mobile Satellite Service In The 1618.85-1620.10 MHz
Frequency Band

Dear Mr. Tycz:

Iridium Constellation LLC ("Iridium") respectfully requests Special Temporary Authority ("STA") to provide global mobile satellite service ("MSS") in an additional 1.25 MHz of spectrum from 1618.85-1620.10 MHz.¹

4-11 - 4/14

As you know, on April 11, 2003, Iridium requested STA for 30 days to provide global MSS in an additional 5.35 MHz of spectrum from 1616-1621.35 MHz. That same day, in response to a particular need of the U.S. military, the International Bureau ("IB") granted Iridium authority to access an additional 1.25 MHz (1620.10-1621.35 MHz) of spectrum for three days, with the possibility of incremental increases in spectrum based on a technical demonstration of need and subject to obtaining the consent of Globalstar. On April 14, 2003, the IB granted Iridium STA to use this additional 1.25 MHz until May 13, 2003. Because this temporary use of additional spectrum has enabled Iridium to accommodate some—but not all—of current demand for Iridium services, Iridium is filing the instant request for an additional 1.25 MHz (1618.85-1620.10 MHz) to meet continuing immediate needs of Government operations in the Middle East. Because the Iridium system is not currently able to assign frequencies based on geographic location, Iridium seeks to use the additional 1.25 MHz of spectrum globally, not only in the Middle East region.

Iridium urgently requires additional spectrum to alleviate system congestion resulting from increased call volume in the Middle East region. Iridium has continued to experience increases in call volume since April 11, 2003 which have

¹ Iridium has filed its STA request and this supporting letter electronically via the International Bureau's Filing System ("IBFS") and paid the requisite \$2435.00 filing fee by credit card.

Attachment

This confirms the verbal special temporary authority granted on 4/25/03 to operate on 1618.85-1620.10 MHz until 5/02/03. Globalstar operations will continue on these frequencies as well. In areas outside the mid-East region, Iridium will operate on a non-interference basis to Globalstar.

Grant of this special temporary authority is without prejudice to Commission action in the proceeding, "Review of the Spectrum Sharing Plan Among Non-geostationary Satellite Orbit Mobile Satellite Service Systems in the 1.6/2.4 GHz Bands" – IB Docket No. 02-364.

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY
FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
Iridium Constellation-Request for STA for a second 1.25 MHz channel

1. Applicant

Name: Iridium Constellation LLC
DBA Name:
Street: 1600 Wilson Blvd.
Suite 1000
City: Arlington
Country: USA
Attention: Ms. Patricia Mahoney

Phone Number: 703-465-1000
Fax Number: 703-465-1038
E-Mail: patricia.mahoney@iridium.com
State: VA
Zipcode: 22209 -2594



File # SAT-STA-acc30425-00074,
Call Sign S2325 **Grant Date** 4/25/03
(or other Identifier)
Term Dates
From 4/25/03 **To:** 5/2/03
Approved: FG

2. Contact	
Name: Jennifer D. Hindin	Phone Number: 202-719-7000
Company: Wiley Rein & Fielding LLP	Fax Number: 202-719-7207
Street: 1776 K Street, N.W.	E-Mail: jhindin@wrf.com
City: Washington	State: DC
Country: USA	Zipcode: 20006
Contact Title:	Relationship: Legal Counsel
(If your application is related to an application filed with the Commission, enter the file number below.)	
3. Reference File Number	
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 CXW - Space Station (Non-Geostationary)	
5. Type Request	
<input type="radio"/> Change Station Location	<input type="radio"/> Extend Expiration Date
	<input checked="" type="radio"/> Other
6. Temporary Orbit Location	
	7. Requested Extended Expiration Date