



1776 K STREET NW
 WASHINGTON, DC 20006
 PHONE 202.719.7000
 FAX 202.719.7049

Virginia Office
 7925 JONES BRANCH DRIVE
 SUITE 6200
 McLEAN, VA 22102
 PHONE 703.905.2800
 FAX 703.905.2820

www.wrf.com

Wiley Rein & Fielding LLP



February 22, 2002

File # SAT-STA-20010724-00064 ORIGINAL

Call Sign _____ Grant Date 3/12/02
 (or other identifier) Grant is with same conditions set
 from in original STA grant and Order 19-01
 From 3/12/02 To 3/12/02 DA 01-2171
 Approved: [Signature] Carl R. Frank
 202.719.7269
 cfrank@wrf.com

VIA HAND DELIVERY

Mr. William F. Caton
 Acting Secretary
 Federal Communications Commission
 236 Massachusetts Avenue, NE
 Washington, DC 20002

RECEIVED

FEB 22 2002

FEDERAL COMMUNICATIONS COMMISSION
 OFFICE OF THE SECRETARY

SAT-STA-20020222-00028

Sirius Satellite Radio

Re: **Operation of Terrestrial Repeater in Jackson, Mississippi; Sirius Satellite Radio, Inc. Application for Special Temporary Authority to Operate Satellite Digital Audio Radio Service Complementary Terrestrial Repeaters, File No. SAT-STA-20010724-00064**

Dear Mr. Caton:

By its attorneys, Sirius Satellite Radio Inc. ("Sirius") hereby notifies the Commission that it plans to install and operate a terrestrial repeater pursuant to its special temporary authority ("STA") to operate a satellite DARS terrestrial repeater network. Specifically, Sirius informs the Commission that it plans to install and operate a very low power terrestrial repeater in Jackson, Mississippi.

As you know, Sirius launched commercial service in Jackson, Mississippi and three other cities on February 14, 2002. Shortly thereafter, Sirius discovered a small gap in its satellite coverage in Jackson due to excessive and localized shadowing. To fill this coverage gap, Sirius needs to install and operate a repeater in Jackson. Sirius has engineered this repeater such that it will operate with the smallest Equivalent Isotropically Radiated Power ("EIRP") possible—317 watts.

On September 17, 2001, the Federal Communications Commission ("FCC" or "Commission") granted Sirius special temporary authority ("STA") to "operate complementary terrestrial repeaters with an [EIRP] at or below 2 kW nationwide and repeaters with an EIRP above 2 kW as specified in Exhibit A of the STA request."¹ The Commission also has proposed permanent rules governing satellite DARS terrestrial repeater operations which would permit Sirius to operate "an unlimited number of [terrestrial repeaters with EIRPs below 2 kW] without prior

¹ *Sirius Satellite Radio, Inc. Application for Special Temporary Authority to Operate Satellite Digital Audio Radio Service Complementary Terrestrial Repeaters, Order and Authorization, File No. SAT-STA-20010724-00064, DA 01-2171, ¶ 17 (Sept. 17, 2001) ("Sirius STA Order").*

Mr. William F. Caton

February 22, 2002

Page 2

coordination.”² All parties participating in this rulemaking proceeding have disclaimed any desire to restrict or regulate repeaters with power levels below 2 kW.³

Sirius plans to commence operation of the Jackson repeater as soon as possible. Thus, in order to comply with the conditions on its STA,⁴ Sirius has contacted each entity holding a WCS, MDS or ITFS license covering Jackson (*i.e.*, WorldCom, Comcast, BellSouth, Kannev, various branches of the Government of the State of Mississippi, and Mr. Ivan C. Nachman) to notify them of its plans to install and operate a low power repeater in that city. BellSouth and WorldCom have notified Sirius that they have no objections to its operation of the Jackson repeater. Comcast has informed Sirius that it is not in a position to give consent ... to the latest Sirius plans. To date, Sirius has received no replies from Kannev, the Government of the State of Mississippi, or Mr. Nachman. By this letter, Sirius notifies the FCC of its plans to install and operate a low power terrestrial repeater and provides the attached chart containing technical and location information regarding its Jackson repeater.

² *Request for Further Comment on Selected Issues Regarding the Authorization of Satellite Digital Audio Radio Service Terrestrial Repeater Networks*, Public Notice, IB Docket No. 95-91, RM No. 8610, DA 01-2570 at 4 (Nov. 1, 2001).

³ Comments of Metricom, Inc., Debtor-in-Possession at 8 (filed Aug. 21, 2001) (“Metricom’s system can accommodate operations of SDARS terrestrial repeaters at power levels at or below 2 kW EIRP.”); Comments in Opposition to Grant of STA Requests of the Wireless Communications Association International, Inc. at 5-6 (filed Aug. 21, 2001) (requesting imposition of a 2 kW EIRP limit); Opposition to STA Request of WorldCom, Inc. at 2 (filed Aug. 21, 2001) (“WorldCom would not object to repeaters that are limited to a maximum power of 2 kW.”); Comments of BellSouth Wireless Cable, Inc. at 30 (filed Aug. 21, 2001); Comments of AT&T Wireless Services, Inc. at 7 (filed Aug. 21, 2001) (“AWS and other WCS licensees have advocated that SDARS terrestrial repeaters be limited to no more than 2 kW EIRP.”).

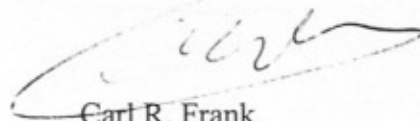
⁴ In the *Sirius STA Order*, the Commission required Sirius to “make available to the WCS licensees and to the Commission, immediately upon request, the locations and technical parameters of all repeaters operating pursuant to this STA, including those operating at or below 2 kW EIRP.” *Sirius STA Order*, ¶ 14. In a subsequent order, the FCC modified the *Sirius STA Order* to require Sirius to make this information available to MDS and ITFS licensees. *Sirius Satellite Radio, Inc. Application for Special Temporary Authority to Operate Satellite Digital Audio Radio Service Complementary Terrestrial Repeaters*, Order, File No. SAT-STA-20010724-00064, DA 01-2383, ¶ 6 (Oct. 15, 2001).

Wiley Rein & Fielding LLP

Mr. William F. Caton
February 22, 2002
Page 3

If there are any questions about this submission, please contact the undersigned at 202.719.7269.

Sincerely,



Carl R. Frank
Counsel for Sirius Satellite Radio Inc.

Enclosure

cc (w/encl): Donald Abelson
Ron Repasi
Chris Murphy
Jennifer Gilsean
Rockie Patterson
Rick Lamontagne, *WorldCom Broadband Solutions, Inc.*
Christina H. Burrow, *Counsel for Comcast WCS*
Charles Featherstun, *BellSouth Wireless Cable, Inc.*
A.G. Newmyer, *Kannew Broadcast Technologies*
Martin Mangold, *Government of State of Mississippi*
Ivan C. Nachman

Sirius Satellite Radio

Market	No Of Sectors	Antenna Type	Sector 1			Sector 2			Sector 3			Coordinates		Antenna Height (feet)		
			Antenna Beamwidth	Orientation	DownTilt	EIRP (Watts)	Antenna Beamwidth	Orientation	DownTilt	EIRP (Watts)	Antenna Beamwidth	Orientation	DownTilt		EIRP (Watts)	Longitude (W)
Jackson	1	Mobile Mark OD12-2400	Omni	-	0	317.00	-	-	-	-	-	-	-	90-11-09.38	32-18-01.47	324



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET S.W.
WASHINGTON D.C. 20554

News media information 202-418-0500
Fax-On-Demand 202-418-2830; Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)
TTY (202) 418-2555

Report No. SAT-00106

Monday March 25, 2002

SATELLITE POLICY BRANCH INFORMATION

Satellite Space Applications Accepted for Filing

The applications listed below have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined the application is not in conformance with the Commission's rules or its policies. Petitions, oppositions and other pleadings filed in response to this notice should conform to Section 25.154 of the Commission's rules, unless otherwise noted. 47 C.F.R. § 25.154.

SAT-PDR-20020321-00027 Telesat Canada

Petition for Declaratory Ruling

On March 21, 2002, Telesat Canada filed a Petition for Declaratory Ruling requesting the Commission to add its Anik F2 Ka-band satellite to the "Permitted Space Station" list created by the Commission in the DISCO II First Reconsideration Order. [See Amendment of the Commission's Regulatory Policies to Allow Non-U.S. Licensed Space Stations to Provide Domestic and International Satellite Service in the United States, Order, IB Docket No. 96-111, FCC 99-325 (released Oct. 29, 1999) (DISCO II First Reconsideration Order).]

· Anik F2 at 111.1° W.L.

SAT-STA-20020222-00028 Sirius Satellite Radio

Special Temporary Authority

Sirius Satellite Radio, Inc. has filed a letter regarding the installation and operation of a very low power terrestrial repeater in Jackson, Mississippi as part of its satellite DARS terrestrial repeater network. This modifies the special temporary authority granted to Sirius in File No. SAT-STA-20010724-00064.

SAT-STA-20020312-00029 Sirius Satellite Radio

Special Temporary Authority

Sirius Satellite Radio, Inc. has filed a request to modify special temporary authority granted in File No. SAT-STA-20010724-00064 to operate one of its terrestrial repeaters in Detroit, Michigan and one of its terrestrial repeaters in Las Vegas, Nevada.

SAT-WAV-20020321-00026 S2381 PanAmSat Licensee Corp.

Waiver

PanAmSat Licensee Corporation has filed a request for waiver of Section 25.210(e) of the Commission's rules to permit the use of circular polarization for certain transponders on its proposed Galaxy III-C satellite (See File No. SAT-LOA-19990812-00082).

NOTE: COMMENTS may be filed on or before APRIL 9, 2002. REPLIES may be filed on or before APRIL 15, 2002.

For more information concerning this Notice, contact the Satellite and Radiocommunication Division at 202-418-0719; TTY 202-418-2555.