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Federal Communications Commission
Office of the Secretary

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August 7, 2007

VIA HAND DELIVERY

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

Re: IBFS File No. SAT-STA-20070719-00103

Dear Ms. Dortch:

By this letter, Sirius hereby clarifies its application for Special Temporary Authority filed July 19, 2007, IBFS File No. SAT-STA-20070719-00103, to operate a low-power satellite digital audio radio service repeater at two trade shows between August 21-25, 2007 and September 3-9, 2007. By way of clarification, Sirius plans to operate signal boosters at these short-duration indoor trade shows. Such boosters previously have been approved for use in retail stores; they operate at an EIRP of only 0.0001 watts and so will not generate harmful interference. The International Bureau previously has granted STA to deploy identical boosters at past trade shows.¹

Because trade show venues typically consist of a large, often multi-level space, Sirius anticipates that the use of both a repeater and one or more (but fewer than five) strategically placed boosters may be necessary to ensure full coverage of each trade show. As Sirius explained in its STA request, repeaters and boosters are necessary at these events because walls and ceilings block Sirius' signal and make real-time demonstrations difficult. Thus, use of these boosters is in the public interest.

Exhibit A to this letter lists the technical parameters for the signal boosters, which are identical to those previously approved by the Commission for use in retail stores.² Specifically, Sirius has included the following information: (1) antenna

¹ See File No. SAT-STA-20061107-00135 (grant stamp with conditions Dec. 19, 2006).

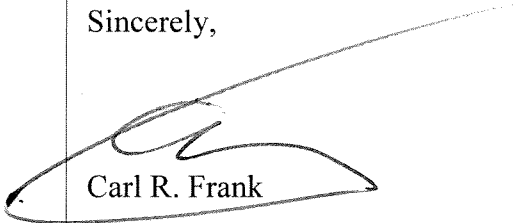
² See *Sirius Satellite Radio Inc. Request for Special Temporary Authority to Operate In-Store Signal Boosters in the Satellite Digital Audio Radio Service*, File No. SAT-STA-20030411-00075 (grant stamp with conditions issued June 26, 2003) ("2003 In-Store Booster Application"). In the 2003 application, Sirius also provided an interference analysis for the signal boosters that are the subject of this application. See *id.*, Exhibit C. That interference analysis is incorporated by reference herein, as permitted by 47 C.F.R. § 1.10009(c)(2). On June 5, 2003, Sirius further supplemented the application with a sample link budget for the signal boosters. See Letter from Robert D. Briskman to Marlene H. Dortch, Secretary, FCC, Re: Sirius Satellite Radio Inc. Request for STA to Operate In-



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type; (2) antenna beamwidth; (3) total EIRP; and (4) approximate maximum height Above Ground Level ("AGL"). In addition, Sirius certifies that its operation of signal boosters at trade shows will comply, as applicable, with the "Micro-Repeater STA Conditions" that the Commission imposed on Sirius in granting the June 26, 2003 STA to operate 5,000 in-store signal boosters and again in the January 18, 2007 STA to operate an additional 5,000 in-store signal boosters.

Sincerely,



Carl R. Frank

Cc: Robert Nelson (by email)
Stephen Duall (by email)

Store SDARS Signal Boosters, File No. SAT-STA-20030411-00075 (filed June 5, 2003). The link budget is also incorporated by reference herein. *See also* File No. SAT-STA-20050601-00114 (grant stamp with conditions January 18, 2007) (authorizing Sirius to operate an additional 5,000 in-store boosters).

EXHIBIT A

Attached is the following information for the signal boosters Sirius seeks to operate pursuant to this STA.

- (1) antenna type;
- (2) antenna beamwidth;
- (3) total EIRP; and
- (4) approximate height Above Ground Level (AGL)

City	Antenna Type	Antenna Beamwidth	EIRP Total in Watts	Height AGL
Various Locations	Antenna Specialists XMSSR923WR	75 degrees	0.0001	< 50 feet

The transmitted carriers have a center frequency and frequency stability identical to the received SDARS satellite or terrestrial carriers. Frequency accuracy is controlled by the satellite or terrestrial repeater and not by the booster.