Filed by Sirius Satellite Radio Inc.
Pursuant to Rule 425 under the
Securities Act of 1933 and deemed filed
pursuant to Rule 14a-12 under the
Securities Exchange Act of 1934

Subject Company: XM Satellite Radio Holdings Inc. Commission File No.: 0-27441

This communication contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Such statements include, but are not limited to, statements about the benefits of the business combination transaction involving Sirius Satellite Radio Inc. and XM Satellite Radio Holdings Inc., including potential synergies and cost savings and the timing thereof, future financial and operating results, the combined company's plans, objectives, expectations and intentions with respect to future operations, products and services; and other statements identified by words such as "anticipate," "believe," "plan," "estimate," "expect," "intend," "will," "should," "may," or words of similar meaning. Such forward-looking statements are based upon the current beliefs and expectations of SIRIUS' and XM's management and are inherently subject to significant business, economic and competitive uncertainties and contingencies, many of which are difficult to predict and generally beyond the control of SIRIUS and XM. Actual results may differ materially from the results anticipated in these forward-looking statements.

The following factors, among others, could cause actual results to differ materially from the anticipated results or other expectations expressed in the forward-looking statement: general business and economic conditions; the performance of financial markets and interest rates; the ability to obtain governmental approvals of the transaction on a timely basis; the failure of SIRIUS and XM stockholders to approve the transaction; the failure to realize synergies and cost-savings from the transaction or delay in realization thereof; the businesses of SIRIUS and XM may not be combined successfully, or such combination may take longer, be more difficult, time-consuming or costly to accomplish than expected; and operating costs and business disruption following the merger, including adverse effects on employee retention and on our business relationships with third parties, including manufacturers of radios, retailers, automakers and programming providers. Additional factors that could cause SIRIUS' and XM's results to differ materially from those described in the forward-looking statements can be found in SIRIUS' and XM's Annual Reports on Form 10-K for the year ended December 31, 2006, and Quarterly Reports on Form 10-Q for the quarters ended March 31, 2007 and June 30, 2007, which are filed with the Securities and Exchange Commission (the "SEC") and available at the SEC's Internet site (http://www.sec.gov). The information set forth herein speaks only as of the date hereof, and SIRIUS and XM disclaim any intention or obligation to update any forward looking statements as a result of developments occurring after the date of this communication.

Important Additional Information and Where to Find It

This communication is being made in respect of the proposed business combination involving SIRIUS and XM. In connection with the proposed transaction, SIRIUS has filed with the SEC a Registration Statement on Form S-4 containing a definitive Joint Proxy Statement/Prospectus and each of SIRIUS and XM may file with the SEC other documents regarding the proposed transaction. It is anticipated the definitive Joint Proxy Statement/Prospectus will first be mailed to stockholders of SIRIUS and XM on or about October 9, 2007. INVESTORS AND SECURITY HOLDERS OF SIRIUS AND XM ARE URGED

TO READ THE DEFINITIVE JOINT PROXY STATEMENT/PROSPECTUS, AS WELL AS OTHER DOCUMENTS FILED WITH THE SEC CAREFULLY IN THEIR ENTIRETY WHEN THEY BECOME AVAILABLE BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION ABOUT THE PROPOSED TRANSACTION.

Investors and security holders can obtain free copies of the Registration Statement and the Joint Proxy Statement/Prospectus and other documents filed with the SEC by SIRIUS and XM through the web site maintained by the SEC at www.sec.gov. Free copies of the Registration Statement and the Joint Proxy Statement/Prospectus and other documents filed with the SEC can also be obtained by directing a request to Sirius Satellite Radio Inc., 1221 Avenue of the Americas, 36th Floor, New York, NY 10020, Attention: Investor Relations or by directing a request to XM Satellite Radio Holdings Inc., 1500 Eckington Place, N.E. Washington, DC 20002, Attention: Investor Relations.

SIRIUS, XM and their respective directors and executive officers and other persons may be deemed to be participants in the solicitation of proxies in respect of the proposed transaction. Information regarding SIRIUS' directors and executive officers is available in its Annual Report on Form 10-K for the year ended December 31, 2006, which was filed with the SEC on March 1, 2007, and its proxy statement for its 2007 annual meeting of stockholders, which was filed with the SEC on April 23, 2007, and information regarding XM's directors and executive officers is available in XM's Annual Report on Form 10-K, for the year ended December 31, 2006, which was filed with the SEC on March 1, 2007 and its proxy statement for its 2007 annual meeting of stockholders, which was filed with the SEC on April 17, 2007. Other information regarding the participants in the proxy solicitation and a description of their direct and indirect interests, by security holdings or otherwise, is contained in the Joint Proxy Statement/Prospectus filed with the SEC.

The following is a press release issued on October 4, 2007.

FOR IMMEDIATE RELEASE

SIRIUS SATELLITE RADIO SETS SPECIAL MEETING OF STOCKHOLDERS TO VOTE ON PROPOSED MERGER FOR TUESDAY, NOVEMBER 13, 2007

NEW YORK — October 4, 2007 — SIRIUS Satellite Radio Inc. (NASDAQ: SIRI) announced today that it has scheduled a special meeting of SIRIUS stockholders to consider and vote upon the proposed merger with XM Satellite Radio Holdings Inc. (NASDAQ: XMSR) for Tuesday, November 13, 2007 at 9:00 a.m., New York City time, in The Auditorium at The Equitable Center, 787 Seventh Avenue, New York, New York 10019. SIRIUS stockholders of record as of the close of business on October 2, 2007 will be entitled to vote at the special meeting.

SIRIUS has filed with the Securities and Exchange Commission definitive proxy materials, and will commence mailing those proxy materials to stockholders, in connection with the Company's merger with XM. On February 19, 2007, SIRIUS and XM entered into a definitive merger agreement under which the companies will be combined in a tax-free, all-stock merger of equals.

Stockholders are encouraged to read the Company's definitive proxy materials in their entirety.

More information on the merger can be found atwww.sirius.com.

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About SIRIUS

SIRIUS, "The Best Radio on Radio," delivers more than 130 channels of the best programming in all of radio. SIRIUS is the original and only home of 100% commercial free music channels in satellite radio, offering 69 music channels. SIRIUS also delivers 65 channels of sports, news, talk, entertainment, traffic, weather and data. SIRIUS is the Official Satellite Radio Partner of the NFL, NASCAR and NBA, and broadcasts live play-by-play games of the NFL and NBA, as well as live NASCAR races. All SIRIUS programming is available for a monthly subscription fee of only \$12.95.

SIRIUS Internet Radio (SIR) is a CD-quality, Internet-only version of the SIRIUS radio service, without the use of a radio, for the monthly subscription fee of \$12.95. SIR delivers more than 80 channels of talk, entertainment, sports, and 100% commercial free music.

SIRIUS Backseat TVTM is the first ever live in-vehicle rear seat entertainment featuring three channels of children's TV programming, including Nickelodeon, Disney Channel and Cartoon Network, for the subscription fee of \$6.99 plus applicable audio subscription fee.

SIRIUS radios are offered in vehicles from Audi, Bentley, BMW, Chrysler, Dodge, Ford, Infiniti, Jaguar, Jeep®, Land Rover, Lexus, Lincoln, Mercury, Maybach, Mazda, Mercedes-Benz, MINI, Mitsubishi, Nissan, Rolls Royce, Scion, Toyota, Volkswagen, and Volvo. Hertz also offers SIRIUS in its rental cars at major locations around the country.

Click on www.sirius.com to listen to SIRIUS live, or to purchase a SIRIUS radio and subscription.

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