

## **Ball Aerospace Selected for Second NASA GMI Microwave Imager**

PRNewswire-FirstCall  
BOULDER, Colo.

Ball Aerospace & Technologies Corp. has been selected by NASA's Goddard Space Flight Center to build a second Global Precipitation Measurement Microwave Imager (GMI) in support of the Global Precipitation Measurement (GPM) mission.

The identical GMI 1 and GMI 2 Microwave Imagers are multi-channel, conical-scanning, microwave radiometers serving an essential role in the near-global-coverage and frequent-revisit-time requirements of GPM, a mission designed to improve climate, weather and hydrological predictions by providing more accurate precipitation measurements from space. GMI 1 is scheduled to begin full instrument testing at Ball Aerospace by mid-2010. Following completion, the radiometer will fly aboard the GPM space-borne core observatory scheduled to launch in 2013.

"The advanced microwave sensor capabilities of both GMIs will not only improve our understanding of weather and climate but also enhance predictions for everything from natural hazards to water resource management," said David L. Taylor, president and CEO of Ball Aerospace.

The Ball Aerospace-provided GMI's are central to the success of the GPM mission, as they allow for temporal sampling of rainfall accumulations as well as more frequent and higher quality data collection. Roughly eight-foot tall, each GMI instrument is a powerhouse of radiometry, rotating at 32 revolutions per minute, to qualify scanned data from two very stable calibration points. Ball's rotating mechanism is critical to ensure that rotation occurs at a constant speed for the many years GMI will be on orbit.

The GPM mission will create a reference standard to unify measurements from satellites carrying microwave sensors. Managed by NASA, GPM is a joint effort with the Japan Aerospace Exploration Agency and other international partners to provide a constellation of spacecraft to improve climate and weather predictions through more accurate and frequent precipitation measurements. Ball's GMI 2 is scheduled to launch aboard a second GPM satellite in 2014.

Ball Aerospace & Technologies Corp. supports critical missions of important national agencies such as the Department of Defense, NASA, NOAA and other U.S. government and commercial entities. The company develops and manufactures spacecraft, advanced instruments and sensors, components, data exploitation systems and RF solutions for strategic, tactical and scientific applications.

Ball Corporation is a supplier of high-quality metal and plastic packaging for beverage, food and household products customers, and of aerospace and other technologies and services, primarily for the U.S. government. Ball Corporation and its subsidiaries employ more than 14,500 people worldwide and reported 2008 sales of approximately \$7.6 billion.

### Forward-Looking Statements

This release contains "forward-looking" statements concerning future events and financial performance. Words such as "expects," "anticipates," "estimates" and similar expressions are intended to identify forward-looking statements. Such statements are subject to risks and uncertainties which could cause actual results to differ materially from those expressed or implied. The company undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

Key risks and uncertainties are summarized in filings with the Securities and Exchange Commission, including Exhibit 99.2 in our Form 10-K, which are available at our Web site and at [www.sec.gov](http://www.sec.gov). Factors that might affect our packaging segments include fluctuation in product demand and preferences; availability and cost of raw materials; competitive packaging availability, pricing and substitution; changes in climate and weather; crop yields; competitive activity; failure to achieve anticipated productivity improvements or production cost reductions; mandatory deposit or other restrictive packaging laws; changes in major customer or supplier contracts or loss of a major customer or supplier; and changes in foreign exchange rates or tax rates. Factors that might affect our aerospace segment include: funding, authorization, availability and returns of government and commercial contracts; and delays, extensions and technical uncertainties affecting segment contracts. Factors that might affect the company as a whole include those listed plus: accounting changes; changes in senior management; the current global recession and its effects on liquidity, credit risk, asset values and the economy; successful or unsuccessful acquisitions, joint ventures or divestitures; integration of recently acquired businesses; regulatory action or laws including tax, environmental, health and workplace safety, including in respect of climate change, or chemicals or substances used in raw materials or in the manufacturing process; governmental investigations; technological developments and innovations; goodwill impairment; antitrust, patent and other litigation; strikes; labor cost changes; rates of return projected and earned on assets of the company's defined benefit retirement plans; pension changes; reduced cash flow; interest rates affecting our debt; and changes to unaudited results due to statutory audits or other effects.

First Call Analyst:

FCMN Contact: [rbrown@ball.com](mailto:rbrown@ball.com)

SOURCE: Ball Aerospace & Technologies Corp.

CONTACT: Roz Brown of Ball Aerospace & Technologies Corp.,  
+1-303-533-6059, [rbrown@ball.com](mailto:rbrown@ball.com)

Web Site: <http://www.ballaerospace.com/>

---

<https://ball.mediaroom.com/2009-11-30-Ball-Aerospace-Selected-for-Second-NASA-GMI-Microwave-Imager>