# Ball Aerospace Showcases Phased Array Innovations for Commercial and Government Applications at SATELLITE 2017 Media Advisory

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**Washington, D.C.,** Mar. 6, 2017 – Ball Aerospace is leveraging its decades of work for the U.S. government in civil, defense and intelligence applications for the benefit of commercial markets at this year's SATELLITE 2017 show. As evidenced by recent collaborations with World View, Spire Global, OmniEarth and other partners, Ball's expertise in space-based and tactical remote sensing systems, data analytics, optical communications and phased array terminals are transforming the commercial marketplace in terms of accessibility and affordability.

For example, Ball is harnessing its experience with state-of-the-art phased array technology to develop commercially viable phased array-based terminals at an affordable price point for high throughput satellite (HTS) service providers. This is enabled by recent innovations in the commercial wireless industry and industry investments to drive technological advancements and reduce costs.

Ball's expertise on phased array and remote sensing capabilities will be on display throughout SATELLITE 2017 in a series of high-level panel discussions and at Booth #1323 in the Exhibit Hall. Ball Aerospace leaders will also share their expertise in the following panel discussions:

# Monday, March 6:

- "SGx." Hosted by the Future Space Leaders Foundation and the Space Generation Advisory Council, this program connects young professionals and industry veterans in the satellite community. Debra Facktor Lepore, Ball Aerospace vice president and general manager, strategic operations and commercial aerospace business, will discuss the value of mentorship in the aerospace industry. Room 207A at 11:00 a.m.
- "Phased Array-based Terminal for High Throughput Satellite (HTS) Ecosystems." Moderated by Peter

Moosbrugger, chief technologist for phased array technologies at Ball Aerospace. Panel features Jim Chambers, vice president of engineering at XTAR, and Dave Corman, chief systems architect at Anokiwave. Room 201 at 11:40 a.m.

• "Advanced Earth Imaging: Leveraging Public and Private Data Sets." Moderated by Debra Facktor Lepore, Ball Aerospace. Panel features Peter Platzer, CEO of Spire Global, Jane Poynter, CEO of World View, and Dr. Lars Dyrud, CEO of Omni Earth. Room 201 at 4:00 p.m.

# Tuesday, March 7:

• "Startup Space." Startup Space gives entrepreneurs a chance to pitch their space startup idea to a panel of highly qualified, experienced, and accomplished space professionals, investors, thought leaders and fellow entrepreneurs. Ball Aerospace's Debra Facktor Lepore will give a Flash-Talk at the beginning of the event and Dave Fischer, strategic operations manager, will serve on the judging panel. SATELLITE Unveiled Theater, Exhibit Hall, from 11:00 a.m. to 5:00 p.m.

**Ball Aerospace** pioneers discoveries that enable our customers to perform beyond expectation and protect what matters most. We create innovative space solutions, enable more accurate weather forecasts, drive insightful observations of our planet, deliver actionable data and intelligence, and ensure those who defend our freedom go forward bravely and return home safely. For more information, visit <a href="https://www.ball.com/aerospace">www.ball.com/aerospace</a> or connect with us on <a href="facebook">Facebook</a> or <a href="mailto:Twitter">Twitter</a>.

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# **Forward-Looking Statements**

This release contains "forward-looking" statements concerning future events and financial performance. Words such as "expects," "anticipates," "estimates," "believes," "targets," "likely" and similar expressions typically identify forward-looking statements, which are generally any statements other than statements of historical fact. Such statements are based on current expectations or views of the future and are subject to risks and uncertainties, which could cause actual results or events to differ materially from those expressed or implied. You should therefore not place undue reliance upon any forward-looking statements and any of such statements should be read in conjunction with, and, qualified in their entirety by, the cautionary statements referenced below. 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 factors, risks and uncertainties that could cause actual outcomes and results to be different are summarized in filings with the Securities and Exchange Commission, including Exhibit 99 in our Form 10-K, which are available on our website and at www.sec.gov. Additional factors that might affect: a) our packaging segments include product demand fluctuations; availability/cost of raw materials; competitive packaging, pricing and substitution; changes in climate and weather; competitive activity; failure to achieve synergies, productivity improvements or cost reductions; mandatory deposit or other restrictive packaging laws; customer and supplier

consolidation, power and supply chain influence; changes in major customer or supplier contracts or a loss of a major customer or supplier; political instability and sanctions; currency controls; and changes in foreign exchange or tax rates; b) our aerospace segment include funding, authorization, availability and returns of government and commercial contracts; and delays, extensions and technical uncertainties affecting segment contracts; c) the company as a whole include those listed plus: changes in senior management; regulatory action or issues including tax, environmental, health and workplace safety, including U.S. FDA and other actions or public concerns affecting products filled in our containers, or chemicals or substances used in raw materials or in the manufacturing process; technological developments and innovations; litigation; strikes; labor cost changes; rates of return on assets of the company's defined benefit retirement plans; pension changes; uncertainties surrounding geopolitical events and governmental policies both in the U.S. and in other countries, including the U.S. government elections, budget, sequestration and debt limit; reduced cash flow; ability to achieve cost-out initiatives and synergies; interest rates affecting our debt; and successful or unsuccessful acquisitions and divestitures, including with respect to the Rexam PLC acquisition and its integration, or the associated divestiture; the effect of the acquisition or the divestiture on our business relationships, operating results and business generally.

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