Ball News Releases

Ball Aerospace Selected to Build Instrument for NOAA's GeoXO Constellation

BROOMFIELD, Colo., Sept. 12, 2023 /PRNewswire/ -- Ball Aerospace was selected by NASA this week to build a hyperspectral infrared sounding instrument for the National Oceanic and Atmospheric Administration's (NOAA) Geostationary Extended Observations (GeoXO) program.

GeoXO will collect critical data on weather patterns and ocean color, replacing and expanding on NOAA's current Geostationary Operational Environmental Satellite-R Series (GOES-R). The Ball-built GeoXO Sounder (GXS) will provide 3D profiles of the atmosphere over North America in real-time, enhancing numerical weather prediction models to better predict dangerous weather events like tornadoes and hurricanes, help airlines avoid turbulence and even monitor pollutants like ozone and carbon monoxide in the air.

Once launched, GXS will be the first hyperspectral infrared sounder flown bythe United States in geostationary orbit.

"This long-awaited instrument will serve as an essential tool in improving the safety of our communities, the health of our residents and our understanding of extreme weather," said Dr. Alberto Conti, vice president and general manager, Civil Space, Ball Aerospace. "GXS will allow forecasters to track tornadoes and floods as they develop to provide earlier warnings to residents, and the higher resolution and frequency of atmospheric measurements will contribute new insights about the way weather patterns form. We're excited to continue our partnerships with NOAA and NASA on GXS and to support this important mission."

In 2021, NASA selected Ball Aerospace to conduct a Phase A study for GXS, which was used to set performance requirements for the instrument. Ball was also selected to conduct studies for the Atmospheric Composition (ACX) and Ocean Color (OCX) instruments that will fly in the new constellation. GeoXO is expected to launch in the early 2030s and continue operating through 2055.

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This release contains "forward-looking" statements concerning future events and financial performance. Words such as "expects," "anticipates," "estimates," "believes," 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 they should be read in conjunction with, and qualified in their entirety by, the cautionary statements referenced below. Ball 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 Ball's Form 10-K, which are available on Ball's website and at www.sec.gov. Additional factors that might affect: a) Ball's packaging segments include product capacity, supply, and demand constraints and fluctuations and changes in consumption patterns; availability/cost of raw materials, equipment, and logistics; competitive packaging, pricing and substitution; changes in climate and weather and related events such as drought, wildfires, storms, hurricanes, tornadoes and floods; footprint adjustments and other manufacturing changes, including the startup of new facilities and lines; failure to achieve synergies, productivity improvements or cost reductions; unfavorable mandatory deposit or packaging laws; customer and supplier consolidation; power and supply chain interruptions; changes in major customer or supplier contracts or loss of a major customer or supplier; inability to pass through increased costs; war, political instability and sanctions, including relating to the situation in Russia and Ukraine and its impact on Ball's supply chain and its ability to operate in Europe, the Middle East and Africa regions generally; changes in foreign exchange or tax rates; and tariffs, trade actions, or other governmental actions, including business restrictions and orders affecting goods produced by Ball or in its supply chain, including imported raw materials; b) Ball's aerospace segment include funding, authorization, availability and returns of government and commercial contracts; and delays, extensions and technical uncertainties affecting segment contracts; failure to obtain, or delays in obtaining, required regulatory approvals or clearances for the proposed transaction; any failure by the parties to satisfy any of the other conditions to the proposed transaction; the possibility that the proposed transaction is ultimately not consummated; potential adverse effects of the announcement or results of the proposed transaction on the ability to develop and maintain relationships with personnel and customers, suppliers and others with whom it does business or otherwise on the business, financial condition, results of operations and financial performance; risks related to diversion of management's attention from ongoing business operations due to the proposed transaction; the impact of the proposed transaction on the ability to retain and hire key personnel; and c) Ball as a whole include those listed above plus: the extent to which sustainability-related opportunities arise and can be capitalized upon; changes in senior management, succession, and the ability to attract and retain skilled labor; regulatory actions or issues including those related to tax, environmental, social and governance reporting, competition, environmental, health and workplace safety, including U.S. Federal Drug Administration and other actions or public concerns affecting products filled in Ball's containers, or chemicals or substances used in raw materials or in the manufacturing process; technological developments and innovations; the ability to manage cyber threats; litigation; strikes; disease; pandemic; labor cost changes; inflation; rates of return on assets of Ball's defined benefit retirement plans; pension changes; uncertainties surrounding geopolitical events and governmental policies, including policies, orders, and actions related to COVID-19; reduced cash flow; interest rates affecting Ball's debt; successful or unsuccessful joint ventures, acquisitions and divestitures, and their effects on Ball's operating results and business generally; and potential adverse effects of the announcement or results of the proposed transaction on the market price of Ball Corporation's common stock.

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