NORTHROP GRUMMAN

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Northrop Grumman is committed to being at the forefront of technology and innovation and providing our customers around the globe with affordable and superior quality products and services to help them meet their critical mission requirements. We are also committed to environmental sustainability in the support we offer our customers, our operations and our community engagement.

In support of our 2020 environmental sustainability goals, we conducted water use reduction and solid waste diversion assessments in select operations across the company, evaluating processes and infrastructure water use as well as municipal opportunities to reduce our water use. Last year we were recognized by the Carbon Disclosure Project for the fourth consecutive year for reducing greenhouse gas emissions and the disclosure of climate change risks and opportunities, management strategy, and governance.

Environmental conditions such as climate change, water availability and energy reliability are increasingly a part of our customers' global security concerns, and we are helping them meet these challenges with data and innovation. For example:

- The Northrop Grumman Global Hawk autonomous aircraft, used by NASA, earlier this year conducted missions to collect detailed data over the Pacific Ocean from complex El Niño weather patterns from prolonged warming of sea surface temperatures.
- In 2015, the NASA Jet Propulsion Laboratory successfully deployed the Soil Moisture Active Passive (SMAP) spacecraft. SMAP provides unmatched data capabilities enabled in part by the largest spinning mesh reflector ever deployed in space, designed and built by Astro Aerospace, a Northrop Grumman company. SMAP measures soil moisture, which helps scientists improve understanding of how water and carbon circulate, affecting everything from changes in growing season length to severe weather frequency.

Locally and globally, our employees support environmental sustainability by volunteering thousands of hours to support beach and coastal clean-ups, recycling drives, and mentoring budding scientists and engineers. The Northrop Grumman Foundation, which supports programs that expand the pipeline of diverse, talented science, technology, engineering and math (STEM) students globally, in collaboration with Conservation International, supported ECO Classroom for the fifth consecutive year. A unique professional development initiative, ECO Classroom is an innovative program for science teachers, equipping them with experience, skills and tools to excite their students about environmental sustainability and STEM.

Applying our technology and the skills of our employees, we are committed to consistently improving the integration of environmental sustainability into our business and being responsible stewards of environmental resources.

Wes Bush
Chairman, Chief Executive Officer and President