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Northrop Grumman Space Technology Presents Second Annual NPOESS Outstanding Supplier Awards

REDONDO BEACH, Calif. – May 11, 2005 – Northrop Grumman Corporation (NYSE: NOC) honored six suppliers who have demonstrated outstanding performance and teamwork on the National Polar-Orbiting Operational Environmental Satellite System (NPOESS) program.

The company's Space Technology sector presented NPOESS Outstanding Supplier Awards to Raytheon Intelligence and Information Systems, ITT Space Systems Division, IBM Government Systems, Honeywell Space Systems, Atmospheric and Environmental Research, and Advanced Thin Films during its second annual NPOESS Supplier Conference. As prime contractor, Northrop Grumman is responsible for overall system design and development, including acquisition of sensors and assembly and test of the spacecraft.

“This year's award winners reflect the diversity of the NPOESS supplier base,” said Fred Ricker, Northrop Grumman Space Technology vice president and NPOESS program director. “Each supplier—large or small—is critical to our success, which is determined by the performance and accomplishments of each and every team member.”

Suppliers were honored for the following achievements:

- **Raytheon Intelligence and Information Systems** has demonstrated excellent teaming and program leadership and excellent cost and schedule performance on the development of the NPOESS ground segment. Raytheon will provide the ground systems, including the interface data processing segment; the communications, command, and control segment; and the field terminal segment software.
- **IBM Government Systems** increased the processing and storage performance of the interface data-processing segment by improving the price/performance ratio for leading edge technology implemented in new IBM products. The segment processes data for centralized facilities.

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- **ITT Space Systems Division** demonstrated excellent program performance in the development of the Cross-track Infrared Sounder (CrIS), and proactively provided assistance to other members of the NPOESS supply base on challenging technical issues. CrIS will provide improved measurements of temperature and moisture profiles in the atmosphere.
- **Honeywell Space Systems** demonstrated exceptional teamwork in developing an isolation system that will permit CrIS the cross-track infrared sounder sensor to operate without disturbance from vibration on-orbit.
- **Advanced Thin Film** developed photo-lithographically patterned filter arrays for the Ozone Mapping and Profiler Suite (OMPS) sensor on an accelerated schedule, while improving filter performance and cost. The suite will monitor ozone in the Earth's atmosphere.
- **Atmospheric and Environmental Research** provided excellent support in the development of algorithms used in OMPS and in the conical-scanning microwave-imager sounder.

As the nation's next-generation operational, polar-orbiting environmental satellite system, NPOESS is composed of satellites, a ground-control system and a data-processing/dissemination network. It will provide civilian, military and scientific communities with regional and global meteorological data; oceanographic, environmental, climatic, and space environmental remote-sensing information; surface data collection; and search and rescue capabilities.

Northrop Grumman Space Technology, based in Redondo Beach, Calif., develops a broad range of systems at the leading edge of space, defense, and electronics technology. The sector creates products for U.S. military and civilian customers who contribute significantly to the nation's security and leadership in science and technology.

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