

Space Window

by

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We mentioned in the initial "Space Window" column in the September CCS that NASA's Galileo orbiter and probe spacecraft would reach Jupiter Dec. 7, 1995. The probe will enter atmosphere for a brief but unique direct-sensing mission on that day, while the orbiter begins a two-year, ten-orbit mission of observing and measuring Jupiter's satellites and magnetosphere.

Classrooms, museums, and private on-line subscribers have been invited behind the scenes of this operation to read working journal entries and background papers and ask questions via e-mail through "on-line from Jupiter," the latest entry in the series called "Sharing NASA with Our Classrooms."

Galileo scientists and flight team engineers will share their experiences and reactions to mission events over the Internet from mid-October 1995 through January 1996. They will respond to students' e-mail questions beginning in late November, according to Dr. Joe Pinesky of the Galileo Mission Planning Office. Students may also be able to participate in on-line experiments using actual data collected by the probe inside Jupiter's atmosphere.

"We hope to give readers, particularly students, an idea of the tremendous efforts that go into controlling and collecting data from a robot spacecraft a half-billion miles away." The project experts will respond personally to inquiries, discussing such subjects as atmospheric science, navigation and spacecraft system engineering. Questions and answers will be archived on-line.

To receive introductory and background materials, teachers should send an e-mail message to: [info-jup@quest.arc.nasa.gov](mailto:info-jup@quest.arc.nasa.gov). "On-line from Jupiter" can be accessed electronically in several ways:

- for World Wide Web page access: <http://quest.arc.nasa.gov/jupiter.html>
- for Gopher area access: [quest.arc.nasa.gov](gopher://quest.arc.nasa.gov), see Interactive. Projects directory
- via e-mail, to receive regularly updated information on-line, join the "updates-jup" mailing list by sending an e-mail message to: [listmanager@quest.arc.nasa.gov](mailto:listmanager@quest.arc.nasa.gov). In the message body write the following words: `subscribe updates-jup`

"Sharing NASA with Our Classrooms" has taken students over Earth's oceans with the TOPEX/Poseidon satellite and high in the stratosphere with the Kuiper Airborne

Observatory. It is sponsored by the NASA information Infrastructure Technology and Applications Program and administered by NASA's Ames Research center.

Other access to the Galileo mission will include day-long programming on **Dec. 7**, the day of arrival at Jupiter, via the NASA TV satellite feed (**Spacenet 2**, transponder 5, channel 9, 69 deg. W longitude, at 3880 Mhz with audio at 6.8 Mhz), a 10 a.m. PST press briefing Dec. 19 on probe science data, and later briefings to be **announced**. Colleges, museums, and cable systems nationwide are **being** advised of these programs, but they are available to any satellite dish users. Other information is available on the **JPL World Wide Web** pages; JPL's home page is accessible at: <http://www.jpl.nasa.gov> and the Galileo home page is listed under the JPL Organizations menu.