

Thursday, March 16, 2000

CD stresses need for risk management focus at KSC



IMAGE satellite to see invisible magnetosphere

▲ **CD Addresses Safety, Risk Management at KSC:** In a memo to KSC employees, Center Director Roy Bridges recently commented:

“There are many different types of risk which can threaten the success of NASA’s missions, including risks related to cost, schedule, technical performance, and safety. ... Programs/projects are susceptible to failure if sound risk management principles and processes are not employed.

“In order to reduce overall risks related to development activities, KSC programs/projects need to be managed systematically. Effective risk management requires an understanding of the concept of risk, principles of risk management, and implementation of the disciplined risk management process. ... Risk management activities associated with the development and execution of projects and programs are an integral part of the fabric of the project management process. ... Risk management processes, tools, and associated Safety and Mission Assurance (S&MA) engineering analyses. . . if not properly considered and applied, could result in significant program/project safety and reliability implications. ...

“As the future KSC 2000 organizations strive to implement a set of processes to ensure that the safety of people and high quality performance for our customers remain the highest KSC priorities, a vigorous risk management focus must be maintained. I fully support the NASA Administrator’s emphasis on risk management (quoted in part below):

‘The Risk Management process efficiently identifies, analyzes, plans, tracks, controls, communicates, and documents risk to increase the likelihood of achieving

program/project goals. ... Every project should have a prioritized list of its risks at any point in the life cycle, along with the programmatic impacts.’”

▲ **Launch of NASA/Boeing IMAGE Satellite:** The Imager for Magnetopause-to-Aurora Global Exploration is the first satellite dedicated to imaging the Earth’s magnetosphere, the region of space controlled by the Earth’s magnetic field. Using a variety of techniques, it will “see the invisible.” The launch aboard a Delta II rocket is expected March 25 from Vandenberg AFB, Calif.



◆ **Shuttle Update: Orbiter Atlantis** was scheduled to roll over to the Vehicle Assembly Bldg. between 2 and 4 a.m. this morning for mating with the external tank and solid rocket boosters.

◆ **Desktop Yoga:** Employees who suffer from aches and pains associated with working at a computer or sitting at a desk, or who find work is causing stress, can get help with “Desktop Yoga.” This new and innovative form of yoga uses easy breathing techniques and yoga exercises that can be done at the desk. A “Desktop Yoga” seminar demonstrating the activities will be held from noon to 1 p.m. on the following dates and places: *March 22* in the SSPF, Room 3043; *March 28* in HQ, Room 2429; *March 29* in the OSB, Room 2118. Please call the KSC Fitness Centers at 867-7829 to sign up.

◆ **Did You Know? For employees’ safety,** a hazardous materials team is staffed and trained to respond to any hazardous spills or releases.

KSC Countdown is published every Tuesday & Thursday.

Deadlines: 10 a.m. the day before. Send information, comments or questions to:

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Countdown on the Internet -- <http://www-pao.ksc.nasa.gov/kscpao/ksccount/2000/2000.htm>