HEDS: STRATEGIC VIEW

Joe Rothenberg
NASA Headquarters

Joe Rothenberg, NASA Headquarters's Associate Administrator for the Office of Space Flight, participated in the HEDS-UP Mars Exploration Forum by teleconference from Capitol Hill in Washington, DC. As director of "Code M," Rothenberg is responsible for establishing the policies and direction of NASA's human space flight programs, putting him in charge of NASA's Human Exploration and Development of Space Enterprise (HEDS). Rothenberg reviewed the long-term goals for human space flight, placing it in the context of NASA's long-term strategic plan and the fiscal realities of the U.S. investment in space.
A STRATEGY FOR EXPLORATION AND DEVELOPMENT OF SPACE

100 DAYS
DRP-Moon

500-1000 DAYS
DRP-Asteroids

1000 DAYS
DRP-Mars

AND BEYOND...

BEYOND OUR
SOLAR SYSTEM

DRP=Design Reference Point

SELF SUSTAINABILITY

TRANSIT TIME

COMMERCIAL OPPORTUNITIES

COST/RISK

KNOWLEDGE

OPERATIONAL SAFETY

Joe Rothenberg, 1998
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