ANNOUNCEMENT OF OPPORTUNITY

AO 96-OSS-01

MARS PATHFINDER AND MARS'96 LANDER SCIENCE OPPORTUNITIES

PROPOSAL INFORMATION PACKAGE (PIP)

for the

Mars Pathfinder Participating Scientist Program

Mars Pathfinder Atmospheric Structure Instrument/Meteorology Package Facility Instrument Science Team

portions of the AO

Office of Space Science
National Aeronautics and Space Administration
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This PIP contains Information about the Mars Pathfinder Mission for use with the above stated AO. The PIP includes a description of: the mission, the spacecraft, mission operations, science teams, and the instruments on the Mars Pathfinder Mission. Information about the Mars'96 Mission and the Mars Oxidation Experiment can be found in a different location.

All requests for additional information on Mars Pathfinder not contained in this document or associated documents must be made in writing at this location. No oral responses will be given and any attempt to obtain information through another channel will be considered as a conflict. All questions must be written at this location, with questions and answers posted for viewing by all.

E-mail questions should be addressed to: mpfao@jpl.nasa.gov.

NRAs and AOs will be made available in several formats described below. There are many computer platforms and software packages and we cannot provide files in all possible formats. We have chosen a few widely useful formats.

Text is the only universal format; it can be read by any computer capable of connecting to this page. Text files don't have attractive layouts and fonts.

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MARS PATHFINDER

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LIST OF ABBREVIATIONS

A/D	analog to digital
AIM	Attitude and Information Management
AIP	Aeroshell Instrumentation Package
AO	Announcement of Opportunity
APXS	Alpha Proton X-ray Spectrometer
ASI/MET	Atmospheric Structure Instrument/Meteorology Package
bps	bits per second
CCD	Charged Couple Device
CD ROM	Compact Disc Read-Only-Memory
cm	centimeter
Co-I	Co-Investigator
D/A	digital to analog
DMD	Data Management and Display
DPT	Data Priority Tables
DSN	Deep Space Network
DSOT	Data System Operations Team
EDL	Entry, Descent and Landing
EDR	Experiment Data Record
EEPROM	Electrically Erasable Programmable Read Only Memory
EH&A	Engineering, Health and Accountability
EOPG	Experiment Operations Planning Group
EST	Eastern Standard Time
g	gee
Gbits	Gigabits (10^9 bits)
HEF	High Efficiency antenna
HGA	High-Gain Antenna
Hz	hertz
IDL	Interactive Display Language
IEM	Integrated Electronics Module on Lander
IMP	Imager for Mars Pathfinder
IMPSoft	Imager software
JPL	Jet Propulsion Laboratory
K	Kelvin degree
Kbps	kilobits per second
kg	kilograms
km	kilometers
LIF	Lander Interface Assembly
LREU	Lander Remote Engineering Unit
LST	Local Solar Time
m	meter
m	meters
mA	milliamps