

The Solar System Ambassadors Program

Jet Propulsion Laboratory
California Institute of Technology



Welcome to the Ambassadors Only Section

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AMBASSADORS

IMAGE GALLERY

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MISSION EVENTS
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The Solar System Ambassadors Program is a public outreach program designed to work with motivated volunteers across the nation. These volunteers communicate the excitement of JPL's space exploration missions and information about recent discoveries to people in their local communities.

There are now 294 Ambassadors in 50 states, Puerto Rico and an American military base in Okinawa bringing the excitement of space to the public. Ambassadors are space enthusiasts from various walks of life who are interested in providing greater service and inspiration to the community at large.

The Solar System Ambassadors Program builds on and expands the outstanding efforts undertaken by the Galileo mission since 1997. Because of the success of the original Galileo Ambassadors program, JPL missions exploring Jupiter, Saturn, Mars, Asteroids, Comets, Earth, the Sun and the Universe now come together to expand the program's scope to the Solar System and beyond.

What's New:

✓ [The Deep Impact Telecon Archive is now Online.](#)

September 10, 2003

✓ [The Deep Impact Mission Update Telecon \(#2\) will be September 11th](#)

August 21, 2003

✓ [The DSN Telecon will be August 28th](#)

August 21, 2003

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Ambassador Training Program

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These links are to the Solar System Ambassador on-line orientation opportunities. This list is tentative; dates and topics are subject to change.

- ◆ [STARDUST Sample Collection](#) (TBA, 2003)
- ◆ [Small Bodies Science](#) (October, 2003)
- ◆ [Deep Impact Mission Update \(#2\)](#) (September, 2003)
- ◆ [Deep Space Network](#) (August, 2003)
 - ◆ **Training Information & Presentation Material**
 - ◆ [Deep Impact Mission Update \(#1\)](#) (August, 2003)
 - ◆ [Mysteries of Saturn](#) (June, 2003)
 - ◆ [Messenger](#) (June, 2003)
 - ◆ [Mars Exploration Rover](#) (April, 2003)
 - ◆ [Basics of Spaceflight](#) (April, 2003)
 - ◆ [Navigator](#) (March, 2003)
 - ◆ [Space Day](#) (March, 2003)
 - ◆ [Risk Communication \(2003\)](#) (March, 2003)
 - ◆ [Sun-Earth Day](#) (February, 2003)
 - ◆ [Ethics](#) (January, 2003)
 - ◆ [New Ambassador Orientation \(2003\)](#) (January, 2003)
 - ◆ [Cassini Update](#) (October, 2002)
 - ◆ [Voyager](#) (July, 2002)
 - ◆ [CONTOUR](#) (May, 2002)

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**DIRECTORY OF
AMBASSADORS**

RESOURCES

ORDER FORMS

- ♦ [SIRTF for Summer Launch](#) (April, 2002)
- ♦ [Asteroids and other Near Earth Objects](#) (April, 2002)
- ♦ [Risk Communication \(2002\)](#) (April, 2002)
- ♦ [2001 Mars Odyssey First Science Results](#) (March, 2002)
- ♦ [STARDUST Science Update](#) (February, 2002)
- ♦ [New Ambassador Orientation \(2002\)](#) (2002)
- ♦ [Jason-1](#) (2001)
- ♦ [Deep Space Network](#) (2001)
- ♦ [Deep Impact](#) (2001)
- ♦ [Galileo Io Encounters](#) (2001)
- ♦ [Genesis](#) (2001)
- ♦ [Space Day/Solar System Celebration](#) (2001)
- ♦ [2001 Mars Odyssey](#) (2001)
- ♦ [New Ambassadors Orientation \(2001\)](#) (2001)
- ♦ [NEAR-Shoemaker](#) (2000)
- ♦ [Solar Max](#) (2000)
- ♦ [Cassini](#) (2000)
- ♦ [STARDUST](#) (2000)
- ♦ [Mars](#) (1999)

✓ [The MESSENGER Telecon Archive is now Online.](#)

August 13, 2003

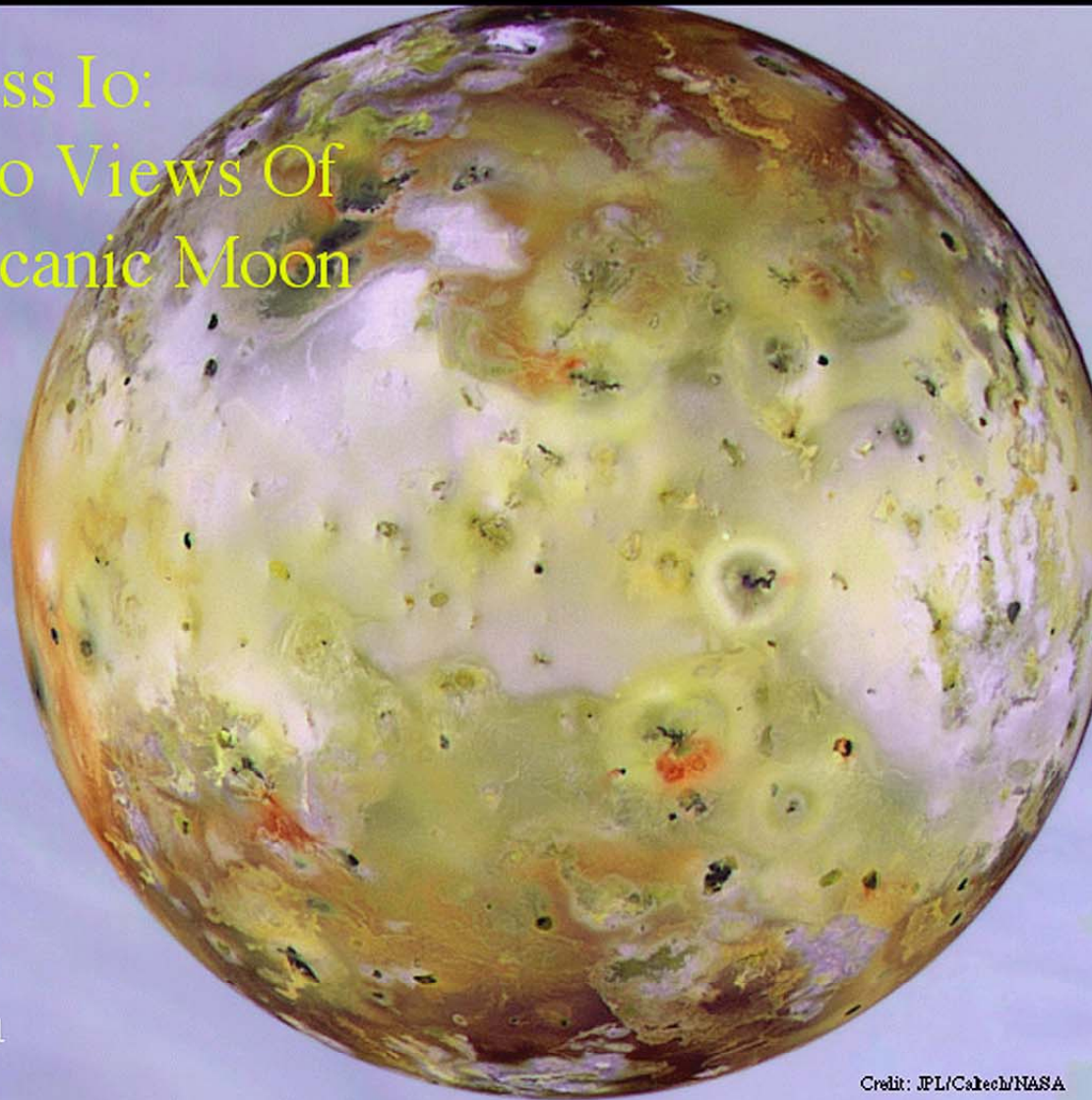
✓ [The Deep Impact Mission Update Telecon will be](#)

[August 6th](#)

July 29, 2003

✓ [The Mysteries of Saturn's Rings Telecon Archive is now Online.](#)

Restless Io: Galileo Views Of A Volcanic Moon



July 11, 2001

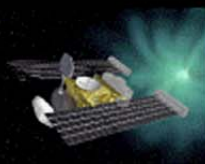
Credit: JPL/Caltech/NASA

Exploration of the Solar System

What Will Be Done 2000-2010



Multiple
Comet/
Asteroid
Flybys

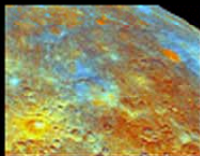


Comet Dust & Solar Wind Samples

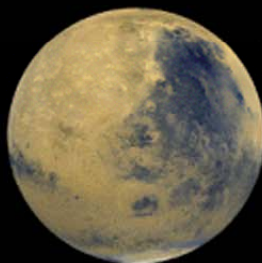


Near Earth
Asteroid
Rendezvous

Mercury
Environment



Mars Environments



Mars Climate



Mars Surface

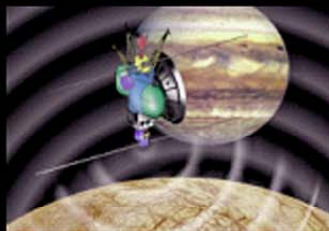
Comet Nucleus



Pluto Flyby/
Solar Probe: En Route



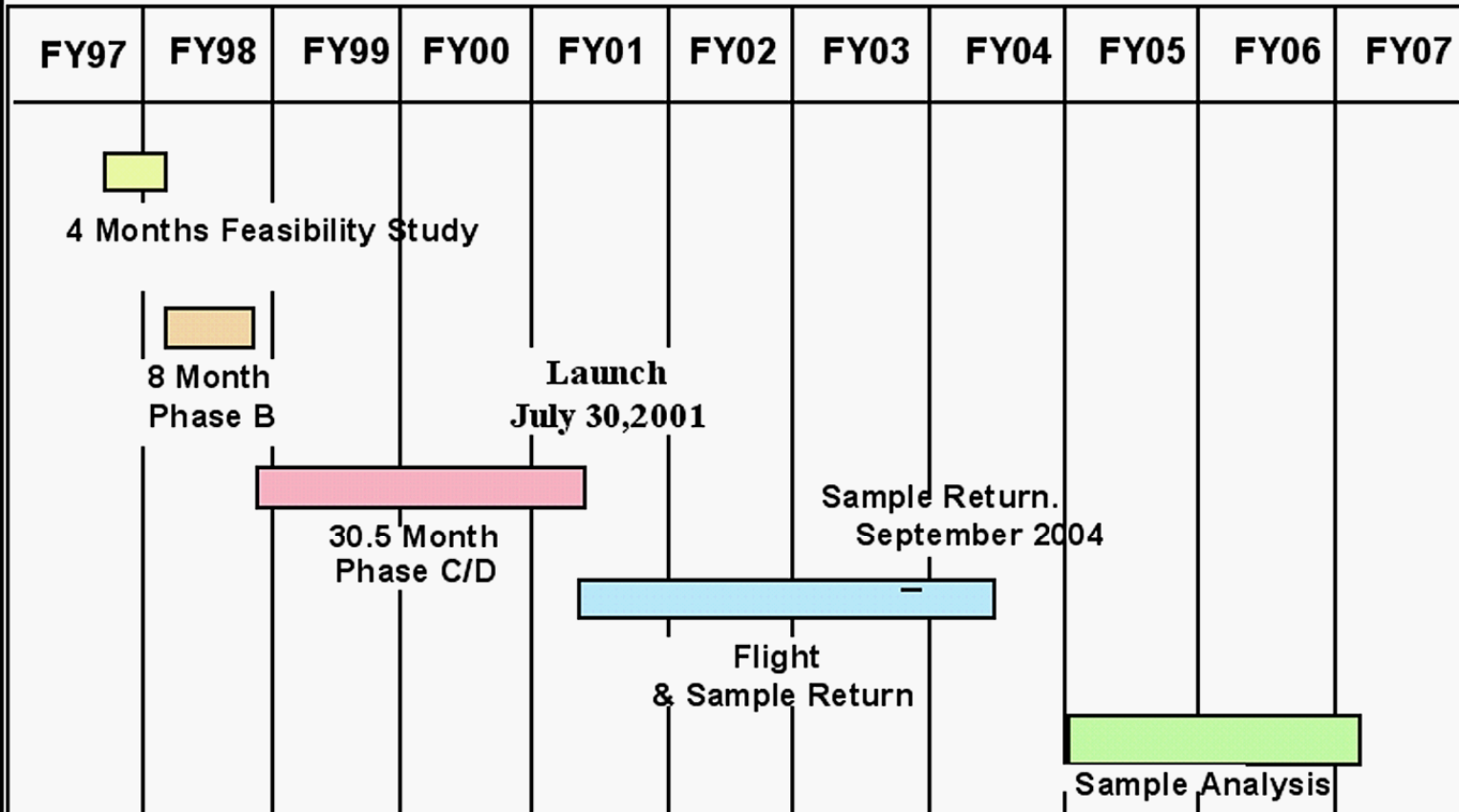
Europa Water



Titan and the Saturnian System



Schedule Summary - Major Phases



9/23/03

Cassini Science Targets



Cassini's 5 groups of science objectives at Saturn are:

Saturn - the planet and its atmosphere

Saturn's Rings

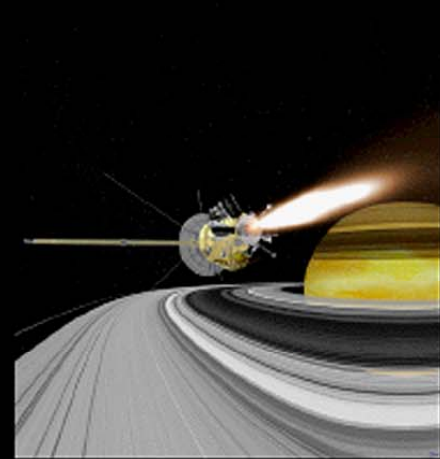
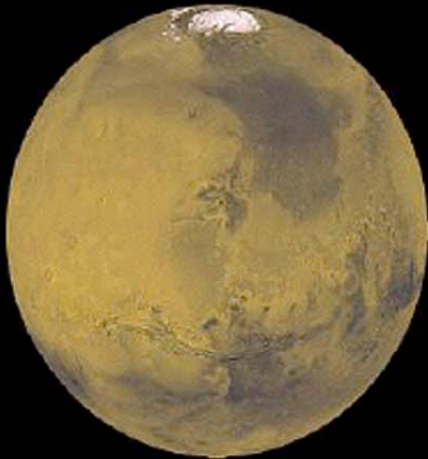
Titan - landing site for the Huygens Probe

Saturn's 17 known "Icy Satellites"

Magnetosphere

FUNCTIONS PERFORMED BY THE DSN

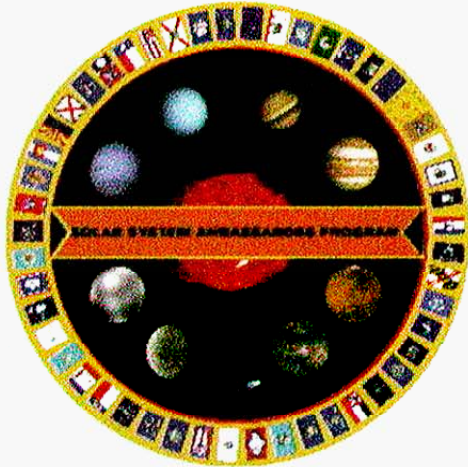
- **SPACECRAFT TELEMETRY (DOWNLINK)**
 - **COLLECTING THE DATA TRANSMITTED BY A SPACECRAFT**
 - **IMAGES**
 - **OTHER SCIENCE DATA**
 - **SPACECRAFT HEALTH INFORMATION**
- **SPACECRAFT COMMANDING (UPLINK)**
 - **SENDING SEQUENCES OF INSTRUCTIONS FROM MISSION CONTROLLERS TO SPACECRAFT**





Solar System Ambassador
Numbers in our area

North Dakota	--	1
South Dakota	--	1
Nebraska	--	3
Wyoming	--	2
Colorado	--	15
Minnesota	--	7
Wisconsin	--	3
Montana	--	2
Kansas	--	7
Iowa	--	3
<hr/>		
California	--	45
New York	--	15



Jet Propulsion Laboratory Solar System Ambassadors Program



For more information contact us via
Email: ambassadors@jpl.nasa.gov

