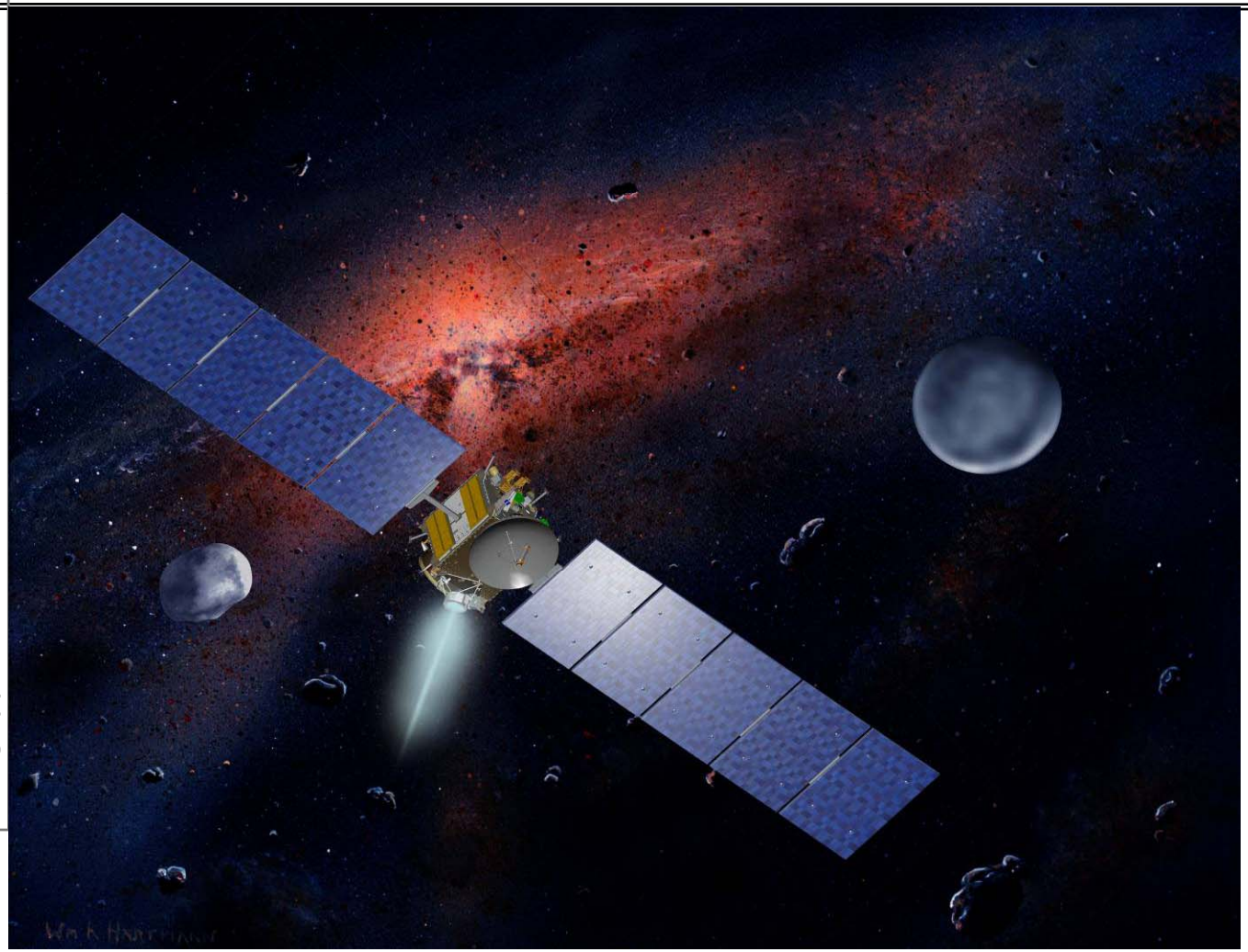
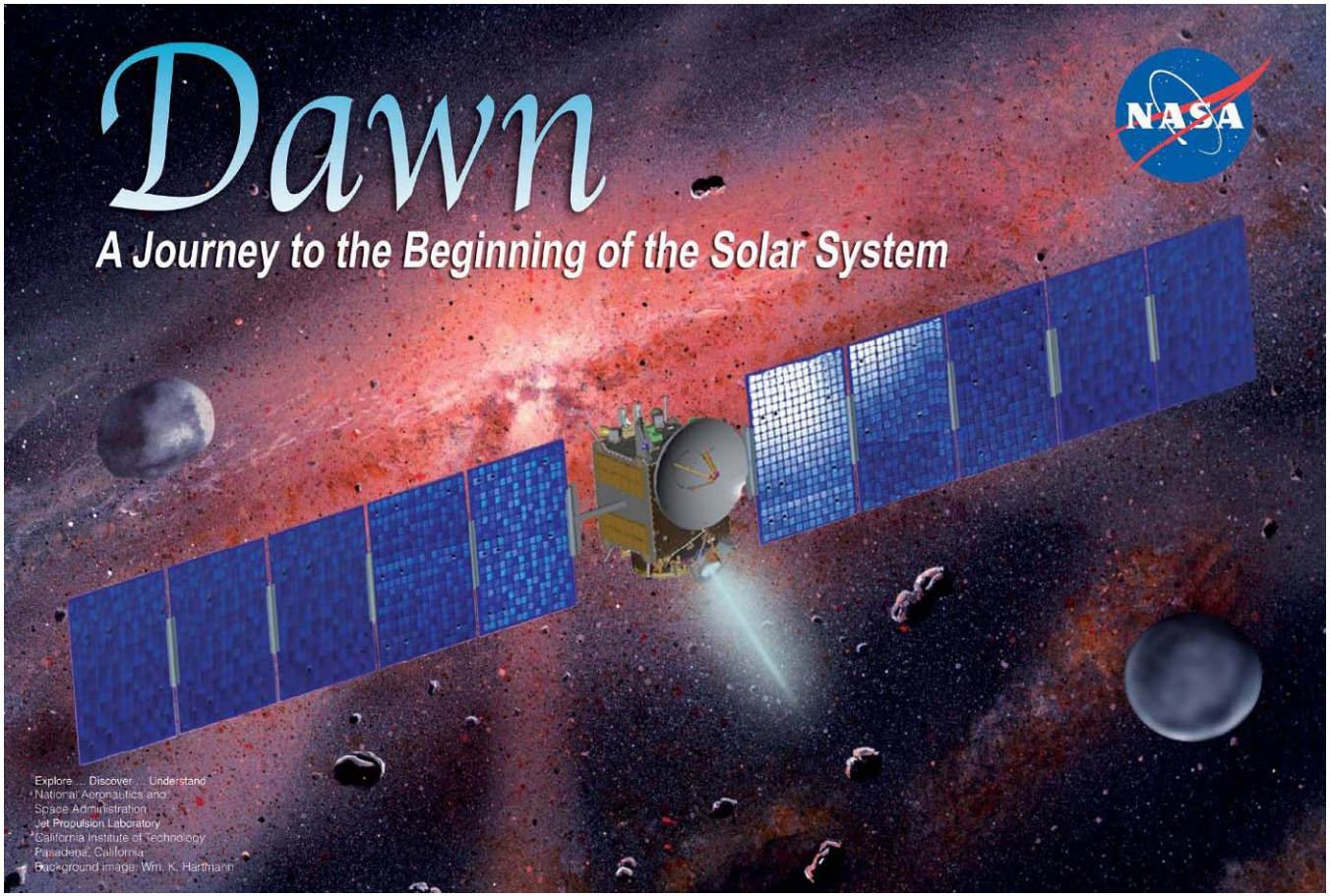
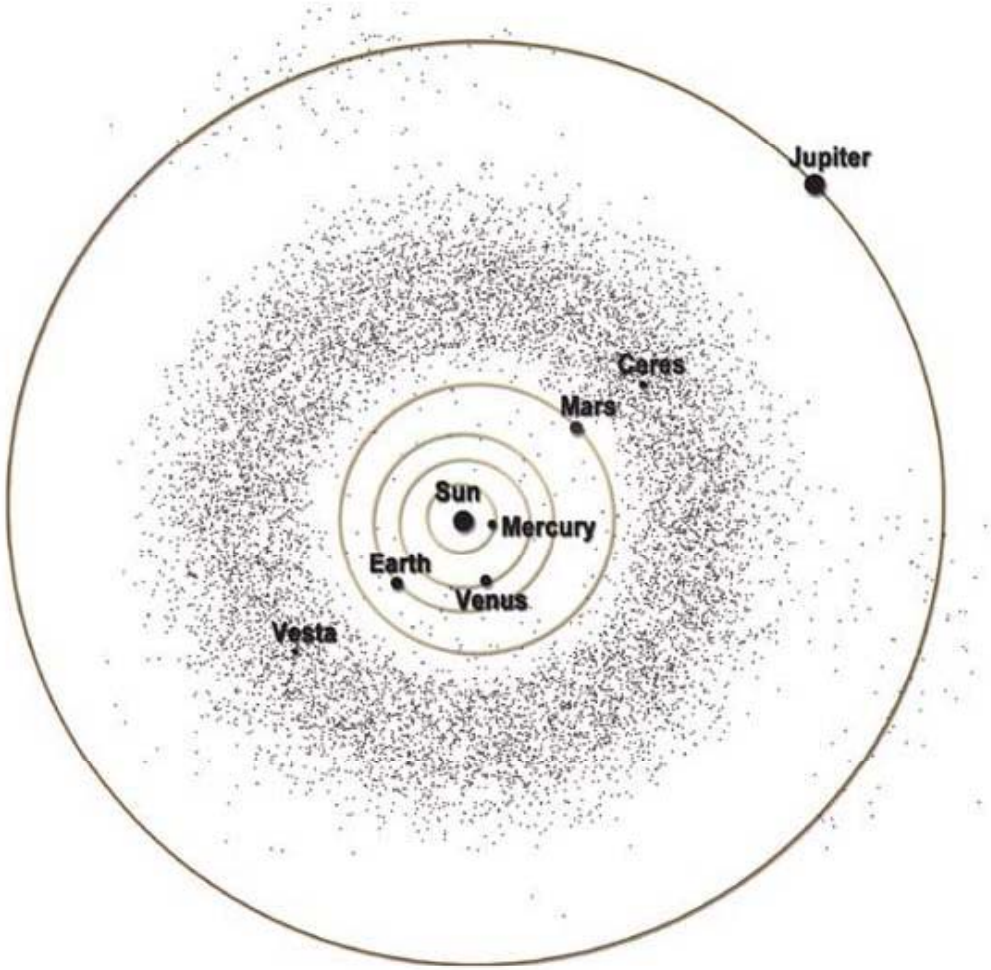
The Dawn Mission



Traveling Back In Time



The Asteroid Belt

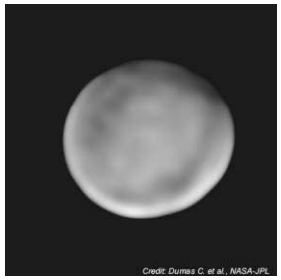


Dawn's Itinerary

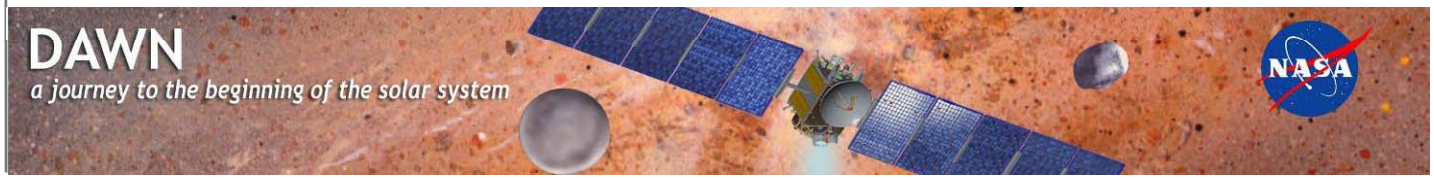
The Dawn Spacecraft will travel

- 6.3 billion kilometers,
- almost eight years, and
- to 4 Vesta and 1 Ceres.

Vesta



Ceres



Spacecraft

Dry mass: 745 kg

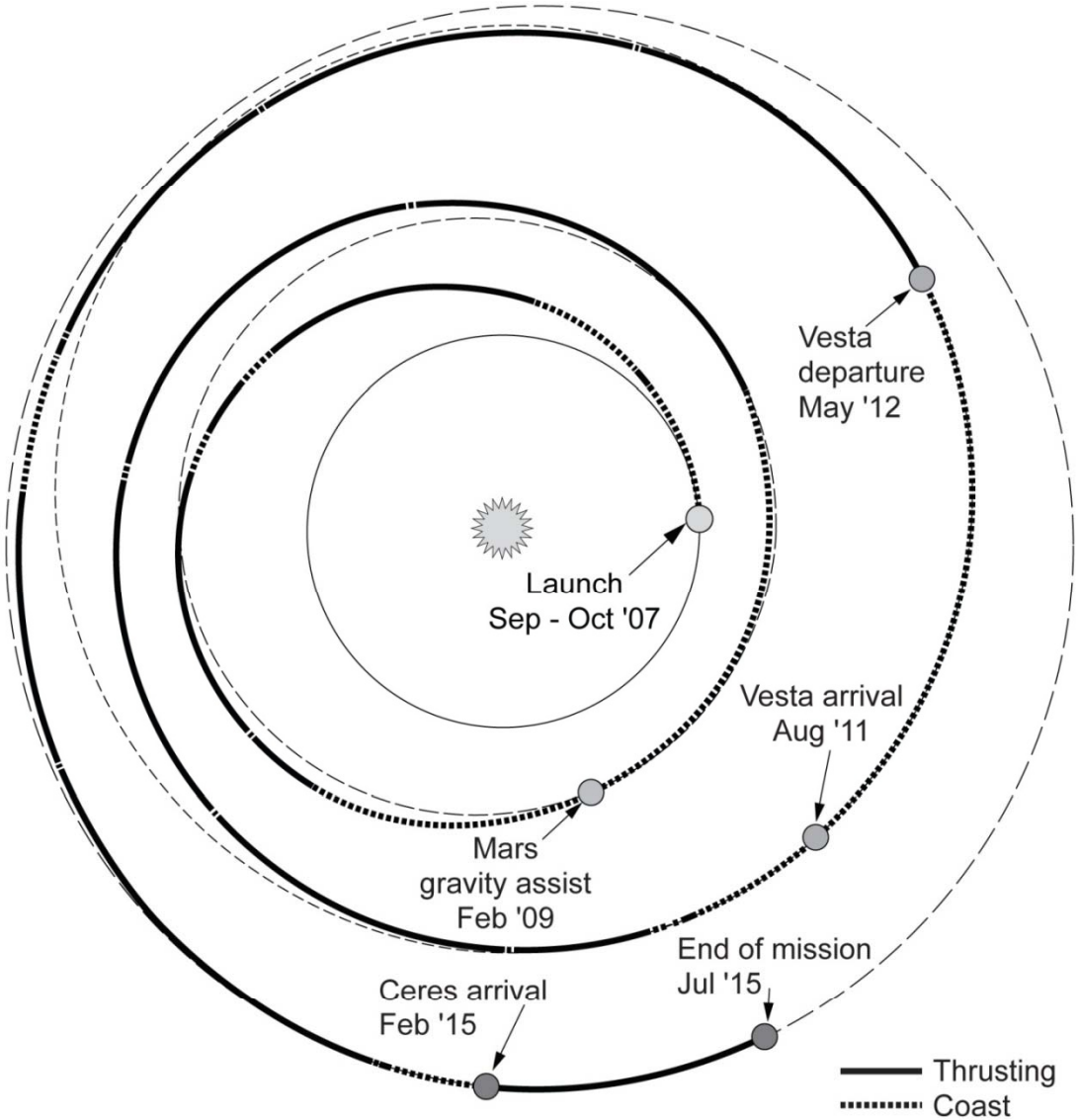
Wet mass: 1240 kg

Solar array power (1 AU): 10.3 kW

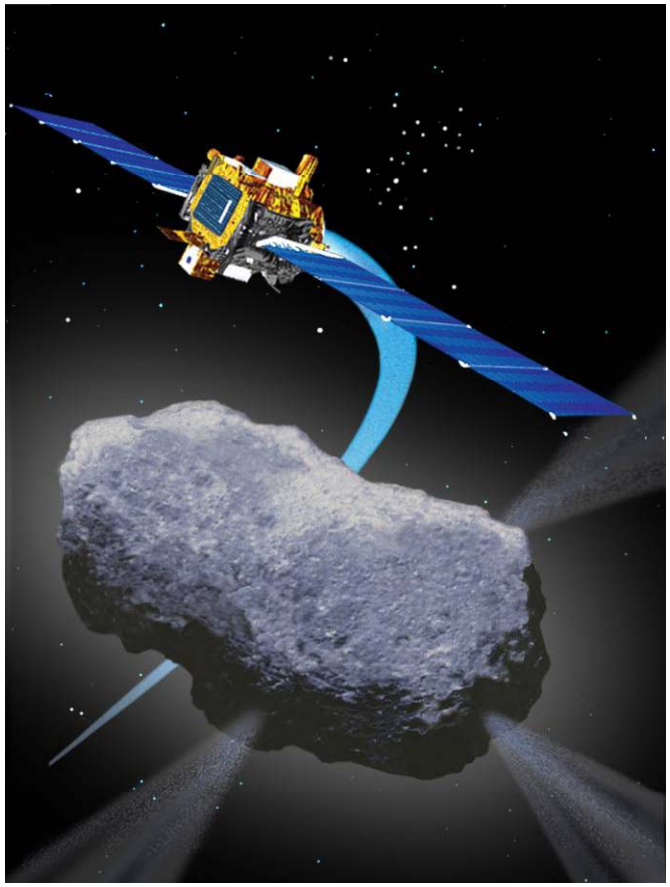
Solar array power (3 AU): 1.3 kW

Delta II 7925H-9.5

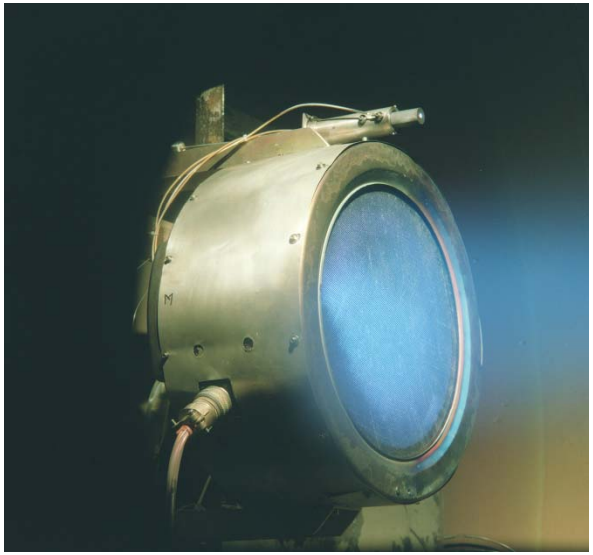
Interplanetary Trajectory



Ion Propulsion



Deep Space 1



Dawn

Learn More!

http://dawn.jpl.nasa.gov

Partners

- University of California, Los Angeles
- Jet Propulsion Laboratory (JPL)
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- DLR – German Aerospace Center
- Max Planck Institute for Solar System Research
- ASI – Italian Space Agency
- New Roads School, University of Maryland, and McREL