Deep Impact Network Experiment (DINET)

Scott Burleigh
Jet Propulsion Laboratory,
California Institute of Technology
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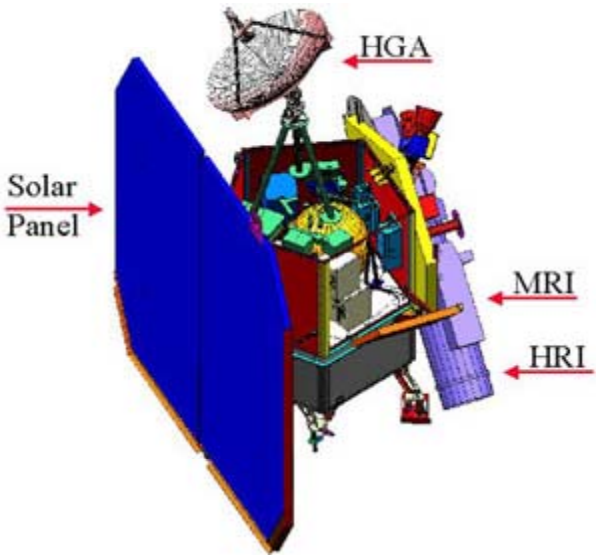
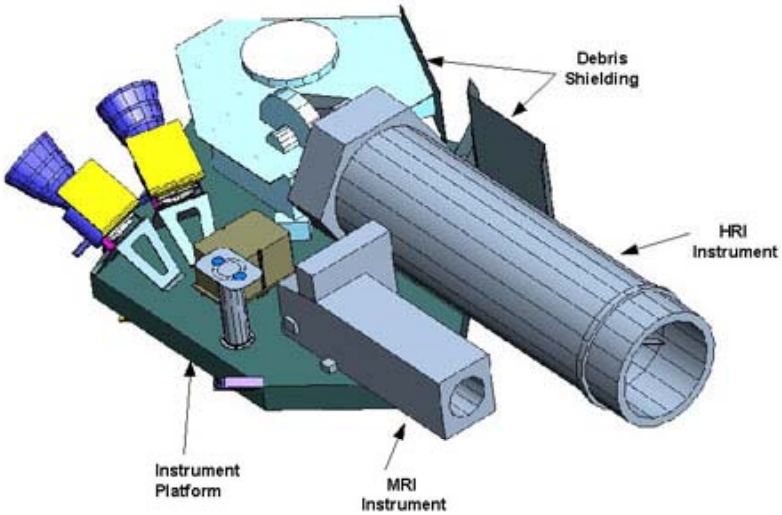
DINET Summary

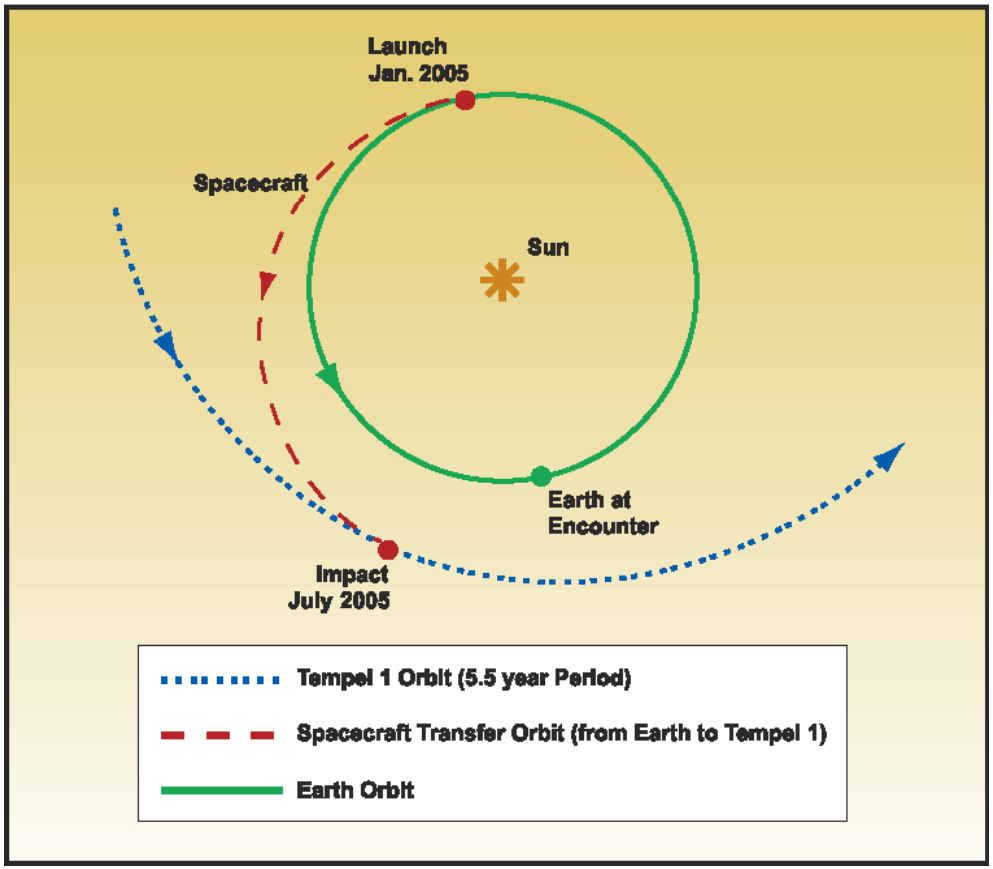
- DINET is a technology development experiment intended to increase the technical readiness of JPL's implementation of DTN protocols – "**ION**".
- The objective is to advance ION in flight and ground SW to TRL 8, with code of sufficient quality that future flight projects can easily use it at low risk.
- DINET is to be implemented on the Deep Impact flyby spacecraft. DINET operations will be performed in late 2008 during the Deep Impact spacecraft team "stand down" after EPOCH operations and before the start of development for DIXI operations.

Deep Impact Flyby Spacecraft



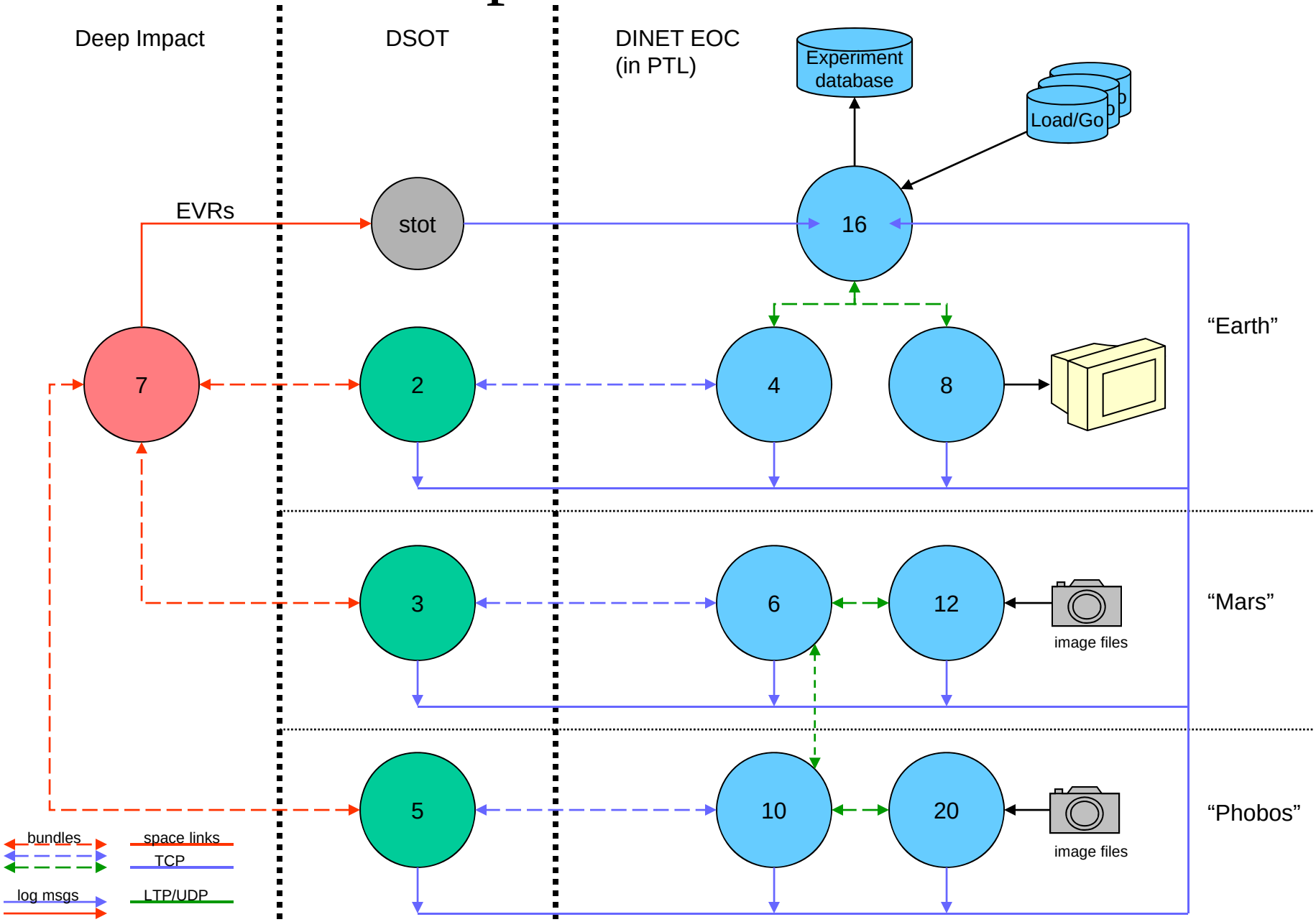


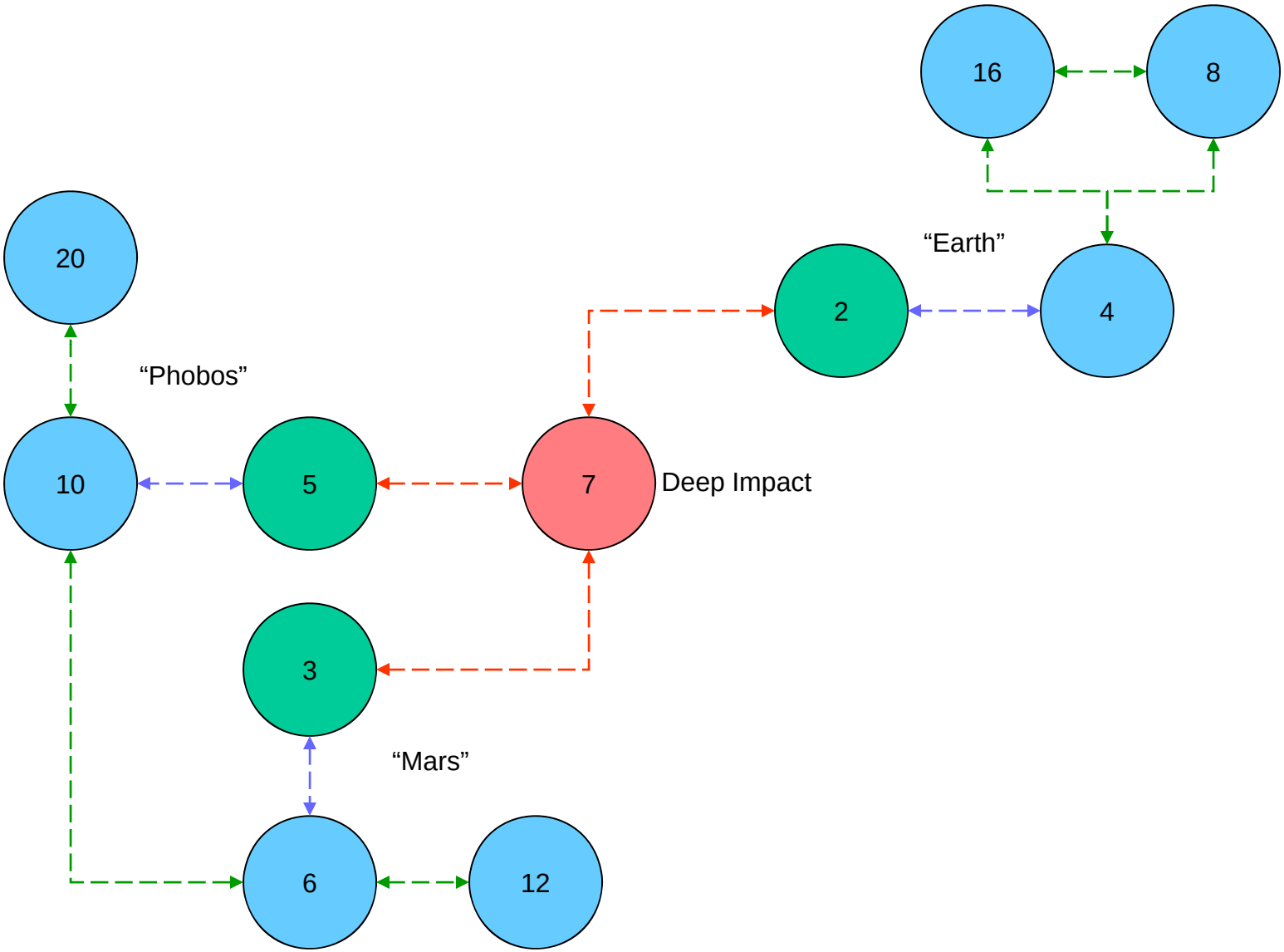
Deep Impact Trajectory



NASA

DINET Operations Overview



NASA

DINET Network Topology