

Jet Propulsion Laboratory
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TO: Distribution

FROM: David Morris

SUBJECT: Minutes for the Joint Users Resource Allocation Planning Committee Meeting held October 16, 2008 JPL Building 126-Room 200 1PM.

**NEXT JURAP MEETING:
Thursday, Nov. 20, 2008
JPL Bldg 126, Room 200, Time 1PM**

Attendees:

B. Arroyo	R. Espinueva	P. Hames	C. Parker	K. Yetter
R. Best	L. Fairley	A. Kniepkamp	P. Tay	
C. Bixenman	S. Finley	E. Martinez	T. Thompson	
E. Chapman	D. Finnerty	M. Mercado	J. Ross	
L. Efron	J. Hall	D. Morris	C. Ward	
A. Eramya	J. Jai	J. Neelon	R. Wilson	

The Joint Users Resource Allocation Planning Committee meets monthly to review the status of Flight Projects, the requirements of other resource users, and to identify future requirements and outstanding conflicts. The previous JURAP meeting was held on August 21, 2008 at the Jet Propulsion Laboratory.

Introductory Remarks – D. Morris

Welcomed the attendees to the JURAP meeting. Briefly discussed the agenda for the meeting to include a presentation by Mr. K. Williams on MESSENGER NAV Mercury 2 Flyby.

MESSENGER NAV Mercury 2 Flyby***Topics Discussed by - K. Williams***

- Mercury Flyby 2 Geometry
- Solar Panels and Solar Sailing
- Deep Space Maneuvers
- Mercury Images
- Summary
- See <http://messenger.jhuapl.edu> for more information

Resource Analysis Team***Mid-Range Status – A. Andujo***

Weeks 47 - 48 have been released to DSN

Weeks 03 & 04 are due to be released on 10/17/2008

Weeks 49 - 02 have remaining facility and equipment conflicts

Mid-Range scheduling process has scheduled 12 weeks ahead of real-time and there are currently 07 weeks of conflict-free schedules. Conflict resolution is required for the following four weeks 12/08/2008 through 01/11/2009

On-going special studies/activities Artemis

- Artemis supportability study for observation of the moon was requested
- Analysis results reveal issues may exist during week 30, 2010 ~ week 08, 2012 and coverage may not be as high as requested
- GRLA, GRLB, MARS and THEMIS views are similar and may cause supportability issues
- DSS-27 currently has high contention and may not be able to support THB/THC adequately

See the link below for details:

<http://rapweb.jpl.nasa.gov/RAR-RedAug2008.html>

Antenna Downtime Status and Forecast:

The following is a summary of 2009 downtime status

- Goldstone Power Distribution Work
 - GDSCC has 4 14-hour complex downtimes requested for 2009 – February 2010
 - Downtimes are in the process of being negotiated and scheduled
- DSS-14 April & June Grouting
 - Downtime has been requested to be scheduled after DSS-43 returns to service, and before DSS-63 downtime
 - Cassini needs support DOY 110 week 7, prefers grouting to take place DOY 105 – 107 in week 16
 - Cluster 2 supports can move to DSS-27/15/24
 - It is suggested M01O use DSS-43 during grouting
 - MUSC has other antenna options for it's 1 support a week
 - NHCP support in week 16 has other 70M antenna options.
 - STF supports options are DSS-63/54 however they will try to avoid supports during this time
 - WMAP has DSS-43 or 34B1 options
 - RAP will get back with VGR1 regarding routine U/L supports
 - It has been asked that projects contact RAPS if they have concerns about the proposed downtime alterations.
- DSS-24 Painting Downtime Status
 - Requested down time week 35 – 42, 2010
 - Off shift tracking time available weeks 39 – 42
 - Cluster 2 & 4 supports have been moved to DSS-27/15/14
 - Depot level maintenance should not be scheduled during these down times
- DSS-63 Downtime Shift /Reduction
 - DSS-63 downtime has been moved to weeks 18 – 24
- DSS-54 Downtime for KA-Band Phase 2 Implementation
 - Downtime has been requested to move to weeks 22 – 33
 - There are no foreseeable conflicts for CHDR, Kepler or NHCP
 - SOHO supports can be covered by DSS-65 with DSS-63 as backup
 - Potential LCROSS approach impact if DSS-54 is needed