

Solar-B Mission Operations Working Group

Action Items from the first three Meetings

Ted Tarbell, LMSAL

#	Due Date	Responsibility	Description
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New action items from the February, 2003, Meeting.

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| 3 – 1. | Next Mtg. | MODA WG | Clarify how the PI Teams and the Science Schedule Coordinators interact; do PI team members write proposals for observing programs? |
| 3 – 2. | Next Mtg. | MODA WG | Clarify how Ph.D. research topics will be protected |
| 3 – 3. | Next Mtg. | MODA WG | Quantify personnel from each team & each country for daily operations, during both initial and mature operations |
| 3 – 4. | Next Mtg. | MODA WG | Define requirements for Level-0 reformatter and recommend who should develop what parts of it. |
| 3 – 5. | Next Mtg. | MODA WG | Better define requirements, interfaces, and responsible developers for the various operational support SW tools in the plan. |

The following are from the February, 2002, Meeting. **Only # 17 & 20 are still open.**

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| 1. | DONE | Shimojo & Tarbell | Produce next version of "Outline of Solar-B MODA" for distribution & review by working group |
| 2. | DONE | All | Comment on Ed Deluca's suggested dates for next meeting hosted by SAO: 17-19 July is chosen |
| 3. | DONE | Shimizu | Provide detailed specifications for MDP observing tables to FPP and XRT (Japanese version OK for now) |
| 4. | DONE | Zarro | Check on size limits for IDL relational database: are 10 million records OK? Yes |
| 5. | DONE | Zarro | Distribute list of SOHO common keywords & definition of SOHO Instrument Activity Plan (IAP) format |
| 6. | DONE | Mariska | Get EIS PI approval for single mission-wide Level 0 Data Reformatter |

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| 7. | DONE | Matsuzaki | Provide example of ISACS-PLN input |
| 8. | DONE | All | Comments on next version of "Outline of Solar-B MODA" |
| 9. | OBSOLETE | All | Comments & changes to SOHO keyword list for Solar-B |
| 10. | OBSOLETE | All | Comments & changes to IAP format as a possible model for input to Solar-B Chief Planner's Tool |
| 11. | DONE | Each Instr. Team | Discuss internally and comment on whether you might take on the task of developing the Level 0 Reformatter |
| 12. | DONE | Davis | "Jump-start" formation of Science Working Group |
| 13. | OBSOLETE | Each Instr. Team | Circulate before the next meeting a draft definition of Level 0 Data Requirements, including file format, types of data (both science and status), and preliminary keywords |
| 14. | OBSOLETE | J-side | Draft requirements list for Chief Planner's Tool and interface for instrument inputs to it |
| 15. | DONE | Davis | Report on NASA efforts to get more telemetry passes |
| 16. | DONE | Tarbell | See if any current missions schedule telemetry passes on a mix of NASA/ISAS/ESA/commercial ground stations |
| 17. | Next Mtg. | Matsuzaki | Demo of Real-time Quick Look system |
| 18. | DONE | Shimizu | Preliminary report on what information is needed from the spacecraft for accurate attitude generation |
| 19. | OBSOLETE | SOT/FPP & XRT | Baseline concept for instrument-only data base (if any) |
| 20. | Next Mtg. | SOT/FPP & XRT | Preliminary Level 2 Data product definitions for Solar-B mission-wide relational database development |
- The following are Action Items from the July, 2002, Meeting. # 22, 25, 27 – 28, 30 – 35 are still open.
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| 21. | DONE | Shimojo | Send next draft of MODA Plan to Tarbell |
| 22. | CONTINUE | Tarbell | Return edited draft, including text of general introduction |

23. DONE Shimojo Add next level of detail to his list of mission-wide keywords and distribute it to the working group
24. DONE ? Zarro Distribute preliminary EIS keyword list to the other instruments, to help avoid conflicts
25. Next Mtg. Pike/Gurman Circulate EGSO/VSO draft standards for solar dataset keywords, labels, etc. for our use & comments
26. DONE Pike/Zarro Propose mission-wide list of standard keywords, based on Shimojo's set & EGSO/VSO standards
27. Next Mtg. SOT/FPP & XRT Investigate whether EIS-type IDL database meets their needs
28. Next Mtg. All Instruments Investigate what to contribute to a simplified Mission-wide relational database
29. OBSOLETE LMSAL Produce top level description & begin requirements for Level-0 reformatter
30. Next Mtg. J-side Perform data flow analysis for Raw & Level-0 data into and out of ISAS; include summary of results in the MODA Plan
31. Next Mtg. LMSAL Look into ITAR issues (if any) regarding development of MODA SW for use in Japan
32. Next Mtg. Each Instrument Estimate typical and worst-case size of daily observing table uplink requirements
33. CONTINUE Each Instrument At next team meeting, discuss division of effort for MODA SW development & support between US/UK/Japan, in order to prepare for proposals to funding agencies
34. End of Sept. Each Instrument Send Ops. Support staffing plans for 1st 3 months and for nominal mission to John Davis
35. Next Mtg. Davis Make integrated Ops. Support staffing plan for 1st 3 months and for nominal mission
36. DONE Shimizu Suggest dates for next MODA WG meeting, to be in Japan around the time of the next Solar-B Science meeting (late 2002 or early 2003)
37. DONE Davis & All PI's Schedule a Science Working Group meeting, around the time of the next Solar-B Science meeting

38. DONE Tarbell/Shimizu Report on MODA WG at next Solar-B Science meeting