

**LWS MOWG Meeting
20-21 September 2007**

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Membership

2007-2008 Members:

- [Joe Mazur](#), Chair, Aerospace Corporation
- [Glenn Mason](#), APL
- [Joesph Davila](#), GSFC
- [David Hathaway](#), MSFC
- [Janet Luhman](#), UC Berkeley
- [Tony Manucci](#), JPL
- [Harlan Spence](#), Boston U.
- [Don Hassler](#), SWRI
- [Judith Lean](#), NRL
- [Sarbani Basu](#), Yale
- [Neil Murphy](#), JPL
- [Stan Solomon](#), NCAR/UCAR
- [Rod Heelis](#), U. Dallas
- [Kevin Scro](#), AFSPC

Agency Liasion:

- NOAA ([Tom Bogdan](#))
- NSF ([Bob Robinson](#))
- AFRL ([David Cooke](#))

Project Representative:

- [Chris St.Cyr](#), LWS senior project scientist
- [Dean Pesnell](#), SDO project scientist
- [Dave Sibeck](#), RBSP project scientist
- [Adam Szabo](#), Solar Sentinels study scientist
- [Ed Sittler](#), Solar Probe study scientist

Ex Officio:

- [Madhulika Guhathakurta](#), LWS Lead program scientist
- [Mona Kessel](#), LWS Deputy program scientist
- [Eric Christian](#), RBSP program scientist
- [Barbara Giles](#), RBSP deputy program scientist

MOWG Purpose

- **Assist the effective implementation of NASA's science program.**
- **Provide a regular communication channel between NASA discipline science staff and the scientific community.**
- **Develop consensus opinion with appropriate balance and breadth across the discipline.**
- **Provide timely response to specific concerns**

More Detail on MOWGs

Management Operations Working Groups (MOWG's) are informal groups who help NASA discipline personnel maintain a close relationship with the space science community. NASA regulations do not specifically authorize MOWG's, although they do distinguish emphatically between advisory committees and operational review groups. Members of advisory committees legally become government employees during their service, their meetings must be publicly advertised well in advance, and meetings are fully open to whoever wishes to attend. In contrast, MOWGs meet more informally and the hard-copy result of an MOWG meeting is by tradition a series of "Findings" rather than a set of "Recommendations."

MOWG products may include analytical papers, staff analyses, or other types of work products that explain or analyze a situation or a set of facts or data but do not specifically recommend a particular decision or course of action. A working group may also set up a series of options or identify the strengths and weaknesses and/or costs and benefits of alternative courses of action. MOWG Findings are submitted by the MOWG Chair to the [Advisory Subcommittee](#), which is a standing subcommittee of the [Advisory Council \(NAC\)](#); it also supports the advisory needs of the [Science Mission Directorate \(SMD\)](#).

http://lws-trt.gsfc.nasa.gov/lws_mowg.htm

Other MOWGs

Solar & Heliospheric MOWG

Joseph B. Gurman, Chair
David Alexander
Miriam Forman
Joe Giacalone
Bernard Jackson
Petrus C. Martens
Desai Mihir
Joan Schmelz
Karel Schrijver
Chuck Smith
Stephen M. White

Geospace MOWG

Mike Liemohn, Chair
Bill Lotko
Phil Anderson
Kristina Lynch
Bela Fejer
Dirk Lummerzheim
Maura Hagan
Larry Paxton
Mike Henderson
Tai-Duc Phan
Larry Kepko
John Sigwarth

Methodology

1. **Input from presentations, previous telecons, and members**
2. **Discussion & follow-up questions, *all with an LWS focus***
3. **Write draft findings**
 - A. **Context of the issue**
 - B. **Statement of the issue**
 - C. **“We find...”**
4. **Discuss draft findings to reach consensus**
5. **Chair reports findings to next HPS meeting (9-10 October 2007)**

Review of October 2006 MOWG Findings

Finding	Relevant quote from the finding	Current status
Role of LWS program in ESMD	“the MOWG recommends that a dialogue between SMD and ESMD be established to enable participants in the LWS program and its managers to better understand the concepts for lunar operations in the Exploration strategy”	<ul style="list-style-type: none"> •dialogue with office of NASA Chief Engineer (Chris Scolese) •internal NASA document on space radiation (L. Guhathakurta & R. Fisher)
LWS TR&T funding	“the MOWG therefore believes that continued strong support and future augmentation of this program will significantly advance the LWS goals”	<ul style="list-style-type: none"> •secured funding for a new focus topic from Planetary Division •steering report is just complete
Impact of loss of NPOESS solar & space environment sensors	“the MOWG recommends that NASA explore with its interagency partners the actions necessary to restore these critical observations”	<ul style="list-style-type: none"> •provided inputs to National Space Weather Program via the Committee on Space Weather
IT-storm probes	“the MOWG strongly recommends that LWS form a dedicated and responsive task force of community members to understand the implications of delaying ITSP”	<ul style="list-style-type: none"> •delayed until now due to changes in NASA personnel •grass-roots effort led by J. Clemmons •upcoming SMEX AO is an opportunity for IT community
Solar probe technology risk reduction	the MOWG “encourage(s) the continuation of these risk mitigation activities”	<ul style="list-style-type: none"> •minimal level of effort continues •no scale model of heat shield in current scope
Updating the LWS science architecture plan	“the MOWG finds that the science architecture plan for LWS needs to be updated”	<ul style="list-style-type: none"> •plan will be revisited

Agenda

Thursday, September 20, 2007

8:30 AM	Chair's opening remarks: new members, findings from last meeting, plan for this meeting	Joe Mazur
9:00 AM	LWS program update	Lika Guhathakurta
9:15 AM	TR&T program status, discussion & questions	Mona Kessell
9:30 AM	Heliophysics update, Q&A	Dick Fisher
10:30 AM	Break	
11:00 AM	RBSP & MOO Status	Barbara Giles
11:15 AM	Discussion	Adam Szabo
12:00 PM	Lunch	
1:30 PM	Solar Orbiter/Sentinels/HELEX overview	Adam Szabo
2:00 PM	HELEX discussion	All
2:30 PM	SDO status	Dean Pesnell
3:00 PM	Break	
3:15 PM	Science Architecture Team review	Glenn Mason
4:00 PM	IT science conference & status	Tony Manucci
4:20 PM	Discussion & writing assignments	All
5:00 PM	End of day 1 Group Dinner	

Friday, September 21, 2007

8:30 AM	Chair's remarks – summary of first day	Joe Mazur
8:45 AM	Review of draft findings	All
10:00 AM	Break	
10:30 AM	Perspective from NOAA	Tom Bogdan (via telecon)
11:00 AM	NPOESS & CNOFS status; DSX status	Dave Cooke
11:20 AM	Discussion of findings continued	All
12:00 PM	Lunch	
1:30 PM	LWS EPO issues	TBD
1:50 PM	Complete findings drafts	All
4:00 PM	End of meeting	