

Coordination of Joint Observations - Lessons from SOHO and visions for the future

Lessons learned

How to successfully collaborate:

- Don't make assumptions
 - Other people make their own plans
- Be explicit
 - State clearly all of what you expect
- Communicate
 - With the right people!

1-line summary, 2004

- Keep SOC's in the loop – it never hurts

What does go wrong?

- Communication
 - Assumptions instead of hard facts
- Communication
 - Lack of precision/explicitness
- Communication
 - Too late, or to the wrong people

Why does it go wrong

- “Structural/technical” problems, difficulties getting the right picture
- More problems with off-site planning than on-site presence
- Information sources:
 - SPWG (monthly), Weekly and Daily meetings
 - SOHO Calendar
 - Instrument calendars/request pages
 - Joint Observing Program (JOP) descriptions

SPWG (monthly) Minutes

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possible.

--> #CDS, #UVCS - changes?

* Nov 30      Sounding Rocket Launch, MOSES/CDS/EIT/MDI/TRACE, POC: Charles
              Kankelborg (kankel@solar.physics.montana.edu), 18 UT
* Nov 30      Sounding Rocket Launch, EUNIS/EIT/CDS/TRACE/VLA,
              POC: Jeffrey.W.Brosius.1@gsfc.nasa.gov, 18:30 UT

We have a backup station from 1425-2130 UT, so we will be able to have MDI
high rate data for the launches.

The observing plans seem to be coming together now.

--> #CDS, #EIT, #MDI, #TRACE - comments?

* Dec 3-20    26m Keyhole (Dec 6-17 34m Keyhole)

* Jan 18,25   EIT Shutterless #22, 14-16:40 UT

--> #EIT - changes?
--> #TRACE, #CDS, #MDI - supporting?

* Feb 18-27   JOP175 (#7135), Priority TOO, EIT/LASCO/TRACE/UVCS (TBC)

Note overlap with keyhole, below.

--> #EIT, #LASCO, #TRACE, #UVCS - changes?

* Feb 22-Mar 21 26m Keyhole (Feb 28-16 34m Keyhole)

* Mar 17-30   JOP175 (#7135), Priority TOO, EIT/LASCO/TRACE/UVCS (TBC)

Note overlap with keyhole, above.
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Calendar

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Reload http://soho.nascom.nasa.gov/soc/head_calendar.html Google search
* Oct 14-Feb 17 TRACE hard eclipse season
* Nov 7-22 Streamer Study (#7165), UVCS/CDS, POC: Leonard Strachan

Submode: Submode 6

Planners for Week 46:
CDS -- Jeff Brosius MDI -- Sarah Gregory
EIT -- Jack Ireland SUMER -- Not Observing
LASCO -- Ops Team UVCS -- Leonard Strachan
TRACE -- MSU Team & Dawn Myers
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M Nov 21 (W47)
T Nov 22
W Nov 23
T Nov 24 US Holiday
F Nov 25
S Nov 26
S Nov 27

Other activities for Week 47:
* Oct 14-Feb 17 TRACE hard eclipse season
* Nov 7-22 Streamer Study (#7165), UVCS/CDS
* Nov 23-24 UVCS Observations of Del Sco
* Nov 27-Dec 11 Ulysses Quadrature, UVCS/Ulysses, POC: Giannina Poletto

Submodes: Submode 6

Planners for Week 47:
CDS -- Paul Kuin MDI -- Sarah Gregory
EIT -- Jack Ireland SUMER -- Not Observing
LASCO -- Ops Team UVCS -- Leonard Strachan/Larry Gardne:
TRACE -- TBD Giannina Poletto
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M Nov 28 (W48)
T Nov 29
W Nov 30 Sounding Rocket Launch, MOSES/CDS/EIT/MDI/TRACE, 18 UT,
POC: Charles Kankelborg (kankel@solar.physics.montana.edu)
Sounding Rocket Launch, EUNIS/EIT/CDS/TRACE/VLA, 18:30 UT,
POC: Jeffrey.W.Brosius.1@gsfc.nasa.gov
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Analysis

- “All” the above information is needed to get the full picture, but it’s difficult to put everything together
- Conflicting information (e.g. JOP vs reality)
- SPWG minutes & calendar are essentially “different views of the same information” (though SPWG has more comments)
- How to improve it?
 - Hyperlinks, graphical representation, tool-tips, hierarchical listing (e.g. Windows “explore”)

How to make it better

- Underlying database
 - SPWG minutes and calendar automatically generated – consistency guaranteed!
 - Generated with cross-links, tool tips, graphical representations, etc.
 - Should be possible to represent many types of information – e.g. times of day (incl. different times for different days, different times for different instruments, etc), types of support (e.g. 195 versus 304 Å CME Watch)

Going further

- Each instrument has at least one generic comment “box” for each study they’ve been asked to support, and may have specialized comment boxes (e.g. type of support)
- “Subscription” to information, e.g. instrument representative get notification of all requests involving that instrument, all requestors get notification of all changes (commitment/overlap, change in time coverage, etc)

Side benefits

- Instrument representatives could edit their instrument's comments to each study directly – knowing that it will appear as “their” instrument's comment in the SPWG
- SPWG “meeting” could be made like an on-line survey, with specialized views for each representative, often just a single click to reconfirm support commitment each month

Will it work?

- How to get instrument representatives to enter information – they have their instrument calendars/request pages...
- Make instrument request page an output format of the database, i.e. only one place to enter information...

Who will do it?

- Not all has to be implemented at once – the basic machinery for generating & cross-linking calendar versus SPWG minutes can be run by the SOCs “manually” based on current input, and it would save time
- Implementation of course dependent on community response & future plans for the planning process!

Solar Observation Calendar

Science Operations Coordinator

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1-line summary, for the future

- Keep SOC(s) in the loop – it never hurts