

STEREO Space Weather Agenda

D. Webb - UCB SSL, Dec. 18, 2004

- \$ Beacon issues- D. Biesecker
 - SEC req.; SECCHI image data; etc.

- \$ Space Weather Group items:
 - Update Website:
 - <http://www.solar.nrl.navy.mil/STEREO/swx/swindex.html>
 - Add tools/projects list
 - Add presentations
 - Update email addresses:
 - o Need address of SWx lead for each PI team.
 - Fit STEREO SWx projects into existing or new NASA GI AOs

- \$ Tools/Projects list
 - Presented in AGU poster SH21B-0412.
 - We need feedback on these!

- \$ STEREO Science Ops. Plan & inputs to SSC
 - Beacon inputs
 - Add other SWx projects?

- \$ SMEI extended mission
 - 3 years ends Jan. 2006; Extend at least 2 more years, thru STEREO prime mission
 - Depends on Navy support, which is likely.
 - Provide context support for STEREO, esp. HIs.
 - o Corotating structures, transients
 - Funding specifically for STEREO support?

- \$ Incorporating both imaging & in-situ data from other missions

Existing: ACE data (as above), Wind WAVES & EPACT (MeV protons), SOHO, TRACE, Ulysses, SMEI, IPS

Future: Solar-B, SDO?, new heliosp. imagers, IPS

 - Special arrangements needed?

- Need for parallel key parameter data sets?
- How to combine in-situ & imaging data?

\$ Geoactivity

- Coupling, relationship to geospace responses.
- Space weather aspects, incl. event campaigns

\$ How is SWAVES to be used for space weather?

- with imaging & in-situ experiments (PLASTIC)

\$ CCMC wants to use STEREO data as inputs to models

- Clearly space weather context

\$ Future SW meetings:

- Hamburg meeting: focus on SWx?
- Separate SWx workshops?

\$ THE Book: SW chapter

- Current authors: Webb, Biesecker, St. Cyr

\$ Interfaces with:

- 3D Reconstruction & Visualization Team
- Virtual observatories
- IHY (2007)
- Outreach aspects
 - o With NASA EP/O & PAO efforts
 - o Separate SWx Poster (thru NRL)?
 - o Press Releases? Possibly a feature article in Space Weather journal.