

Solar Probe Plus

A NASA Mission to Touch the Sun

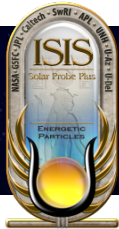
Integrated Science Investigation of the Sun Energetic Particles

EPI-Hi Autonomy Review 11 November 2015

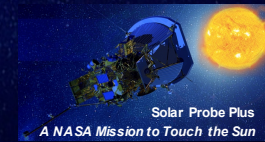
Agenda & Objectives

*Ronnie Killough
ISIS Mission Software Engineer (SwRI)*

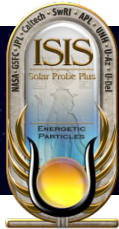




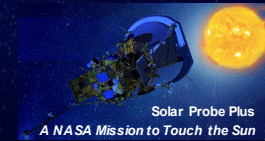
Review Objectives



1. Review EPI-Hi FSW autonomy design
 - Description of FSW autonomy
 - How autonomy is triggered –S/C and/or internally
 - Use of macros
 - Whether there are any plans/interfaces for coordinating observations with other instruments
2. Review any significant changes in the FSW design since FSW CDR
3. Ensure consistent interpretation & correct assumptions in S/C-Instrument ICD wrt messages/signals/autonomy
4. Eat well (breakfast and lunch will be provided)

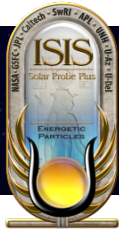


Agenda

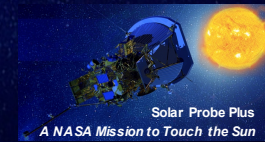


8:45	Setup/Initiate WebEx	Adams/APL
9:00	Introduction Attendee introductions/roles, objectives for review	Killough/SwRI
9:15	System Overview SPP overview, ISIS overview, EPI-Hi overview	Davis/CalTech Christian/GSFC
9:45	S/C-to-EPI-Hi Interface and Autonomy S/C to EPI-Hi interfaces, messages and timing S/C autonomy and operations	Fretz/APL
10:30	Break	
10:45	EPI-Hi FSW Overview/Changes Since CDR	Davis/CalTech
11:30	Lunch (Provided)	
12:30	EPI-Hi Autonomy and Operations FSW startup FSW modes/submodes and operation Function of macros and how/when initiated Instrument safety	Davis/CalTech Christian/GSFC
1:30	Wrap-Up/Actions	All

The review is expected to conclude by 2:00; however the meeting room is available until 3:00 in case the discussions run longer than expected.



Meeting Location and WebEx Info



- Meeting Date: November 11, 2015, from 9:00am to 2:00pm
- Location: JHU-APL, SES 200-E273
- Meeting Organizer: Ronnie Killough/SwRI (210) 683-1940
- APL POCs: Helmut Seifert (443) 514-4797

- WebEx Info:

EPI-Hi Autonomy Review - H. Seifert x89490 & A. DuPont x80523
Host: Linda Semmel/Elena Adams

When it's time, start or join the WebEx meeting from here:

<https://apl-webex.jhuapl.edu/orion/joinmeeting.do?MeetingKey=995804147>

Access Information

Meeting Number: 995 804 147

Meeting Password: This meeting does not require a password.

Audio Connection

(443)778-1000 (Baltimore, MD)

8-1000 (Internal)

(844)275-9323 (Toll Free)

(240)228-1000 (Washington, DC)

Access Code:

995 804 147