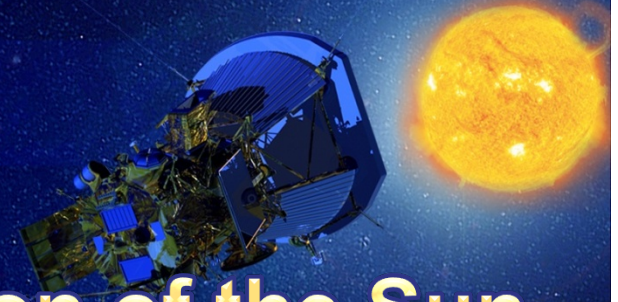


# Solar Probe Plus

*A NASA Mission to Touch the Sun*



## Integrated Science Investigation of the Sun (ISIS) – Energetic Particles

### Preliminary Design Review

05 – 06 NOV 2013

## Agenda and Meeting Logistics

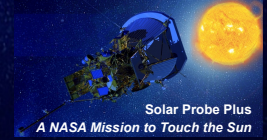
*Scott Weidner*

**Draft r7**





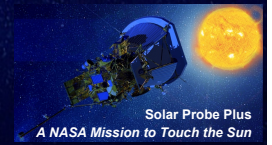
# Outline



- Meeting and Facility Logistics
  - Teleconference and WebEx
  - Day 1 Agenda
  - Day 2 Agenda
  - Maps
- 
- Everyone needs to refer to the Maps !!!
  - Main SwRI Entrance completely closed for construction
  - The maps provide instructions to the East Gate and directions to Building 263 where the PDR will be held



# Meeting and Facility Logistics

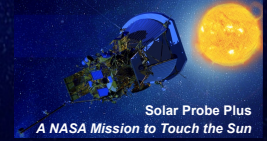


- Public Wireless Internet available in the Presentation Room
- If you need to have messages delivered:
  - Messages through Maureen Ahr
  - Tel: (210) 522-2741
  - Fax: (210) 520-9935
  - E-mail: mahr@swri.edu
- Restrooms – leaving Presentation Room, turn left and left and they are on the right side of the hallway
- Splinter Meeting rooms will be available
- Lunch will be catered on both days
  - Contribution jar provided for Government employees or those that require it
- There will be a Social Hour in the Lobby of Building 263 on Tuesday (11/5/2013)





# Teleconference and WebEx Day 1



- Topic: SPP - ISIS - PDR - Day 1  
Date: Tuesday, November 5, 2013  
Time: 8:00 am, Central Standard Time (Chicago, GMT-06:00)  
Meeting Number: 576 374 250

-----  
To join the online meeting (Now from mobile devices!)  
-----

1. Go to

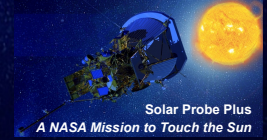
[https://swri15.webex.com/swri15/j.php?  
ED=244875262&UID=1460668832&PW=NYWMzMmJmNzlj&RT=MiM3](https://swri15.webex.com/swri15/j.php?ED=244875262&UID=1460668832&PW=NYWMzMmJmNzlj&RT=MiM3)

2. If requested, enter your name and email address.
3. If a password is required, enter the meeting password
4. Click "Join".

- The meeting password will be sent in a follow-up email



# Teleconference and WebEx Day 2



- Topic: SPP - ISIS - PDR - Day 2  
Date: Wednesday, November 6, 2013  
Time: 8:00 am, Central Standard Time (Chicago, GMT-06:00)  
Meeting Number: 578 656 800

-----  
To join the online meeting (Now from mobile devices!)  
-----

1. Go to

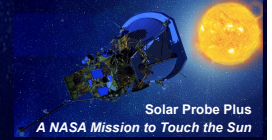
[https://swri15.webex.com/swri15/j.php?  
ED=244875272&UID=1460668837&PW=NYTFkMzM5Njlh&RT=MiM3](https://swri15.webex.com/swri15/j.php?ED=244875272&UID=1460668837&PW=NYTFkMzM5Njlh&RT=MiM3)

2. If requested, enter your name and email address.
3. If a password is required, enter the meeting password
4. Click "Join".

- The meeting password will be sent in a follow-up email (same as Day 1)



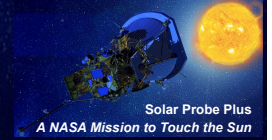
# Day 1: ISIS PDR Agenda



| Start Time | Topic                             | Presenter |
|------------|-----------------------------------|-----------|
| 8:00 am    | 01: ISIS PI Introduction          | McComas   |
| 8:05 am    | 02: Agenda and Meeting Logistics  | Weidner   |
| 8:10 am    | 03: Review Board Introduction     | Hersman   |
| 8:20 am    | 04: ISIS Overview                 | Weidner   |
| 8:40 am    | 05: ISIS Science                  | McComas   |
| 9:00 am    | 06: Systems Engineering           | Dickinson |
| 9:40 am    | Break                             |           |
| 9:50 am    | 07: EPI-Lo Sensor Design          | McNutt    |
| 10:20 am   | 08: EPI-Lo Technology Development | Gurnee    |
| 10:40 am   | 09: EPI-Lo Mechanical             | Cooper    |
| 11:10 am   | 10: EPI-Lo Electronics            | Gurnee    |
| 11:50 am   | 11: EPI-Lo Software               | Hayes     |
| 12:10 pm   | Lunch                             |           |



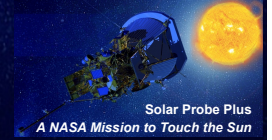
# Day 1: ISIS PDR Agenda (Continued)



| Start Time | Topic  | Presenter   |
|------------|--|-------------|
| 1:10 pm    | 12: EPI-Hi Sensor Design                     | Wiedenbeck  |
| 1:40 pm    | 13: EPI-Hi Technology Development            | Wiedenbeck  |
| 2:00 pm    | 14: EPI-Hi Electronics                       | Cook/Kecman |
| 2:40 pm    | 15: EPI-Hi Software                          | Davis       |
| 3:00 pm    | Break  |             |
| 3:10 pm    | 16: EPI-Hi Mechanical                        | Shuman      |
| 3:40 pm    | 17: ISIS Power                               | Do          |
| 4:10 pm    | 18: EMI/EMC                                  | Gurnee      |
| 4:20 pm    | 19: ISIS Structural                          | Alexander   |
| 4:50 pm    | Adjourn                                      |             |
| 5:00 pm    | Social Hour with Appetizers and Refreshments |             |



# Day 2: ISIS PDR Agenda

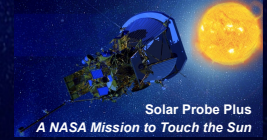


| Start Time | Topic                               | Presenter |
|------------|-------------------------------------|-----------|
| 8:00 am    | 20: ISIS Thermal                    | Dirks     |
| 8:40 am    | 21: Assembly, Integration, and Test | Dickinson |
| 9:00 am    | 22: Flight Operations               | Christian |
| 9:20 am    | 23: Ground Support Equipment        | Gurnee    |
| 9:40 am    | Break                               |           |
| 9:50 am    | 24: Verification                    | Angold    |
| 10:10 am   | 25: EPI-Lo Calibration              | Mitchell  |
| 10:25 am   | 26: EPI-Hi Calibration              | Mewaldt   |
| 10:40 am   | 27: Performance Assurance           | Gerhardus |
| 11:00 am   | 28: Risk Status                     | Dickinson |
| 11:20 am   | 29: Action Items                    | Angold    |
| 11:30 am   | 30: Instrument Development Status   | Weidner   |
| 11:50 am   | Lunch and Review Board Caucus       |           |
| 1:00 pm    | 31: Review Board Debrief            | Hersman   |
| 1:30 pm    | Adjourn                             |           |





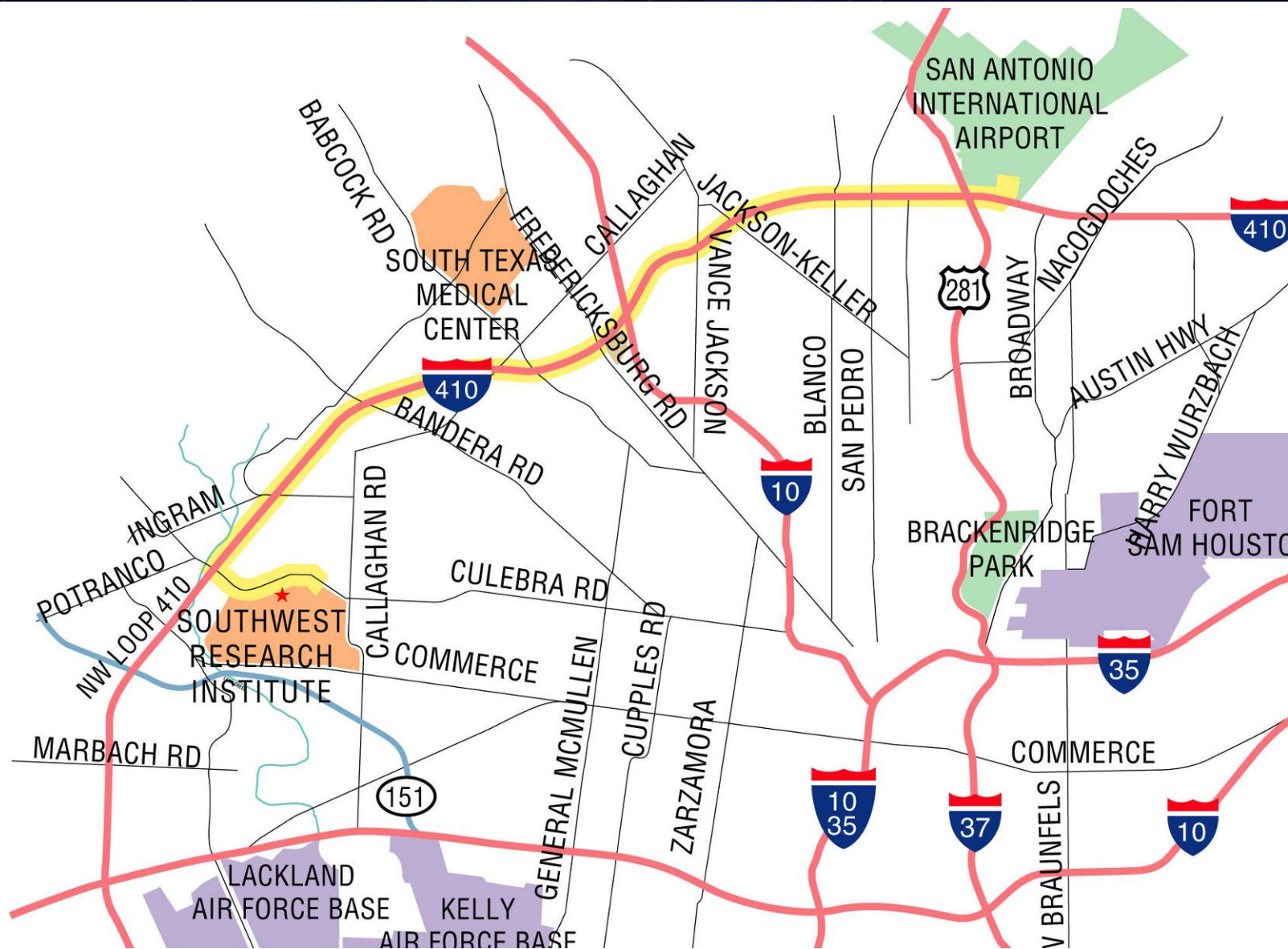
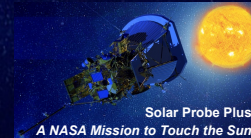
# Day 2: ISIS SOC PDR Agenda



| Start Time | Topic   | Presenter |
|------------|---|-----------|
|            | ISIS Science Operations Center (SOC) PDR  |           |
| 2:00 pm    | 01: Introduction  | Weidner   |
| 2:05 pm    | 02: Review Board Introduction   | Nair      |
| 2:10 pm    | 03: ISIS Science Operations Center:<br>List of Governing Documents, Heritage,<br>SOC Organization | Schwadron |
| 2:20 pm    | 04: Requirements Analysis   | Angold    |
| 2:40 pm    | 05: SOC Description:<br>Architecture, Software Systems  | Schwadron |
| 2:50 pm    | 06: SOC Description:<br>Operations Planning, Commanding   | Christian |
| 3:05 pm    | 07: SOC Description:<br>Instrument Health and Safety, Telemetry,<br>Data Processing               | Schwadron |
| 3:15 pm    | 08: Data Products   | Schwadron |
| 3:40 pm    | 09: Development Plan and Schedule, Test Plan  | Schwadron |
| 3:55 pm    | 10: Current Status  | Schwadron |
| 4:00 pm    | Review Board Caucus   |           |
| 4:30 pm    | 11: Review Board Debrief  | Nair      |
| 5:00 pm    | Adjourn   |           |



# Map to SwRI







# Main Gate is **CLOSED** for Construction

## Directions to PDR Location (Bldg 263)

