

Agenda
CAPS Team Meeting #31
September 21-23, 2005
University of Montana

Format for Team Meeting #31

The format for this meeting is very different from our previous meetings, so please look carefully at the agenda. Also note that in order to get parking spaces Dan has suggested that we **start the meeting at 8:30** instead of our traditional, later time.

8:30 AM Wednesday Sept. 21

Welcome, local arrangements, agenda	Reisenfeld/Young
<u>CAPS Status-Part 1</u>	
8:40 Project status, communications	Young
9:30 Flight operations, software, ground system, archival	Furman
10:30 General data analysis issues—agenda for Thursday & Friday	All
11:00 Science planning and operations (including extended mission)	Crary
<u>12:00 Lunch</u>	
1:30 IBS status	Thomsen
2:00 ELS status	Coates/Gilbert
2:30 IMS status (in general)	Crary
3:00 Discussions of data and operations issues	See below

There are no times assigned to the following discussions, but we will begin at **8:30 AM** on Thursday and Friday and adjourn no later than **6:00 PM**. In all of the following discussions please include the **SCIENCE MOTIVATION** behind the technical topics. Show examples, discuss the science drivers, etc.

IMS TOF spectra—simulations, status, issues, methods, schedule	Reisenfeld, Shappiro, Smith, Goldstein
IMS moments—status, issues, methods, schedule	Thomsen, Sittler, Reisenfeld, Tokar
SAM—the next set of group tables	Sittler

8:30 AM Thursday

Purely science discussions (if they are not already covered in the technical discussions):

Surface processes at icy satellites	Baragiola
Looking for the plasma sources	Hill
July 14 Enceladus encounter	Tokar, Goldstein
Mass loading at Enceladus	Pontius
Ion pickup at Enceladus	Crary
Electrons at Enceladus	Coates
H ⁺ , W ⁺ , O ₂ ⁺ abundances and total flux tube content	Sittler
Progress on N ⁺ sources	Smith
Global structure and transport	Thomsen
Electrons from 5~15 R _S	Coates (Rymer)
Ion abundances in the magnetosphere	Reisenfeld

Return to technical issues

IMS simulations	Francis (Thursday)
CAPS Moments—correlations with MAG data	Andre
A comparison of O ⁺ absorption at Titan: the Science and GRL papers	Crary
Other issues with moments (include science)	Szego, Hill
Dealing with periods when the actuator was off	Anyone??
Ephemeris tools, GEO files	Reisenfeld, Crary
Plans for operations during last 2/3 of nominal mission	All