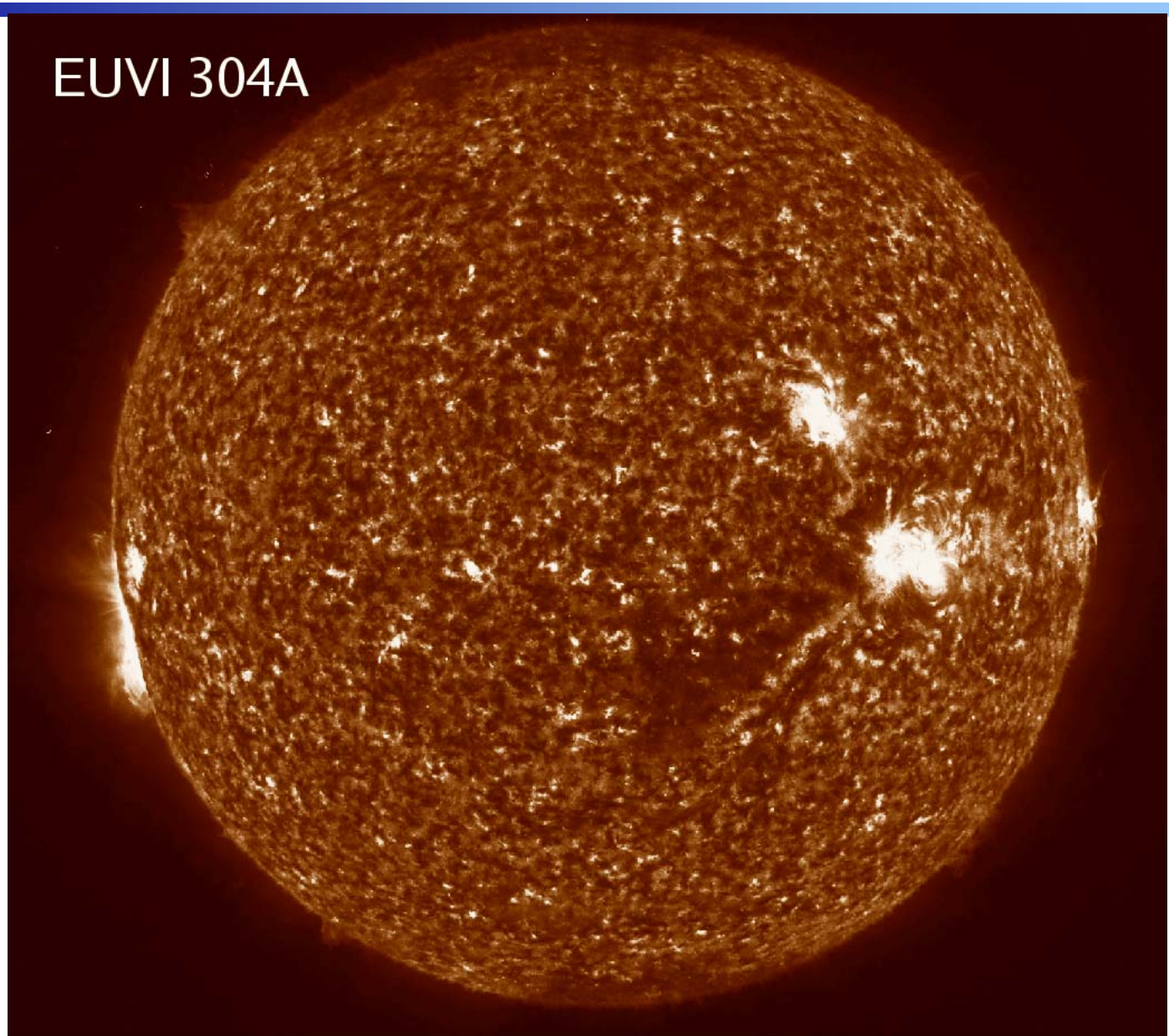
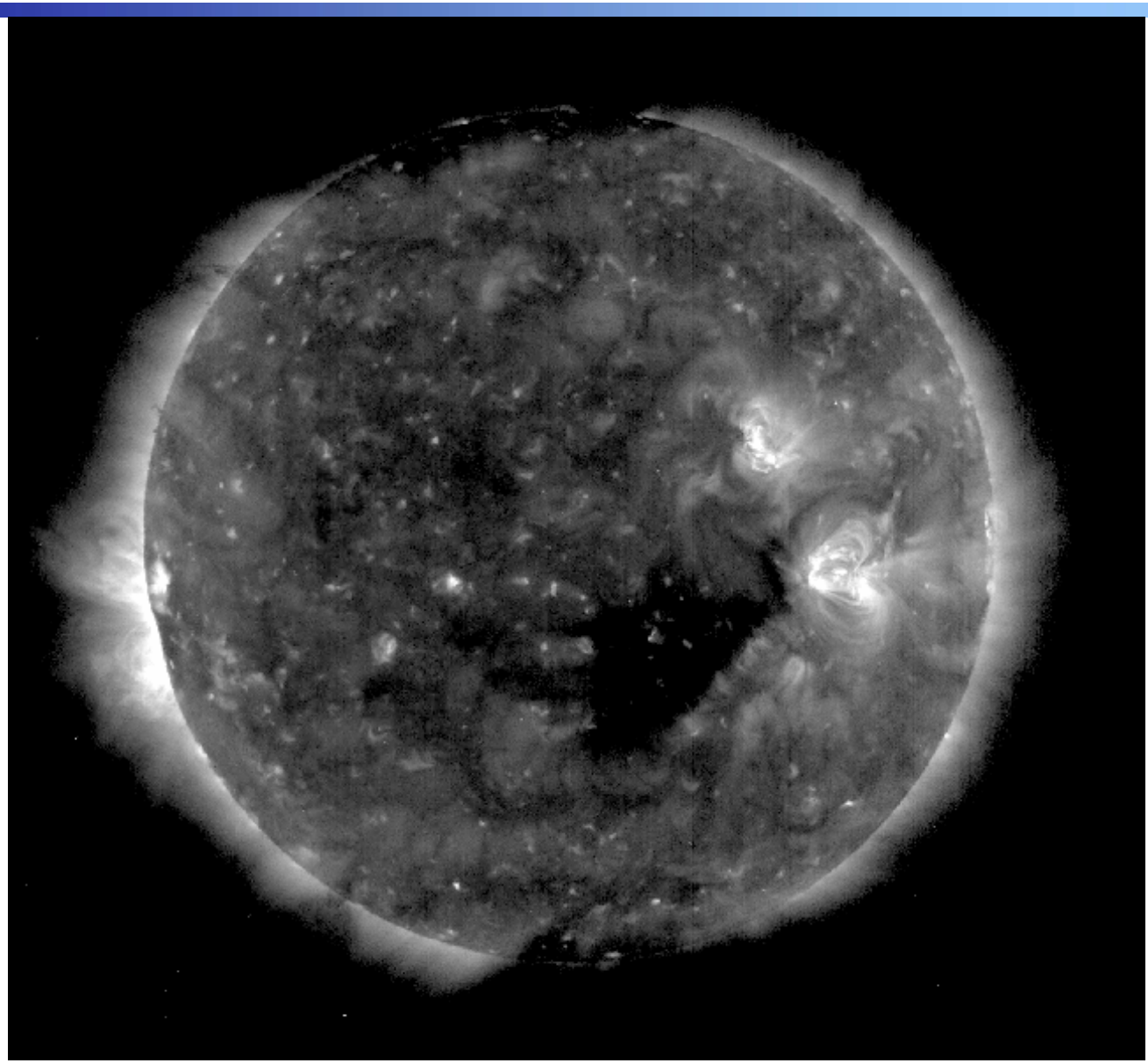
Current SECCHI Status

- Launch occurred on October 25, 2006
- Outgassing until November 22, 2006
  - Electronic checkout
- Commissioning Activities Began Nov 24
  - Door Closed Calibrations and Checks
  - First Light
    - SCIP-A (EUVI, COR1/2) on Dec 4
    - HI-A planned on Dec 11 (now Dec 13)
    - SCIP-B planned on Dec 13
    - HI-B TBD – after last maneuver
- Fine Point System – Image Motion Compensation System
  - Compensates for the spacecraft jitter (now +/- 2 arc sec)
  - Worked perfectly – single pixel resolution (0.7 arc sec)
- We just received TLM that had been collected Friday Nite
  - This would have been normally a minor issue that became a major one because we needed it for the HI door opening.

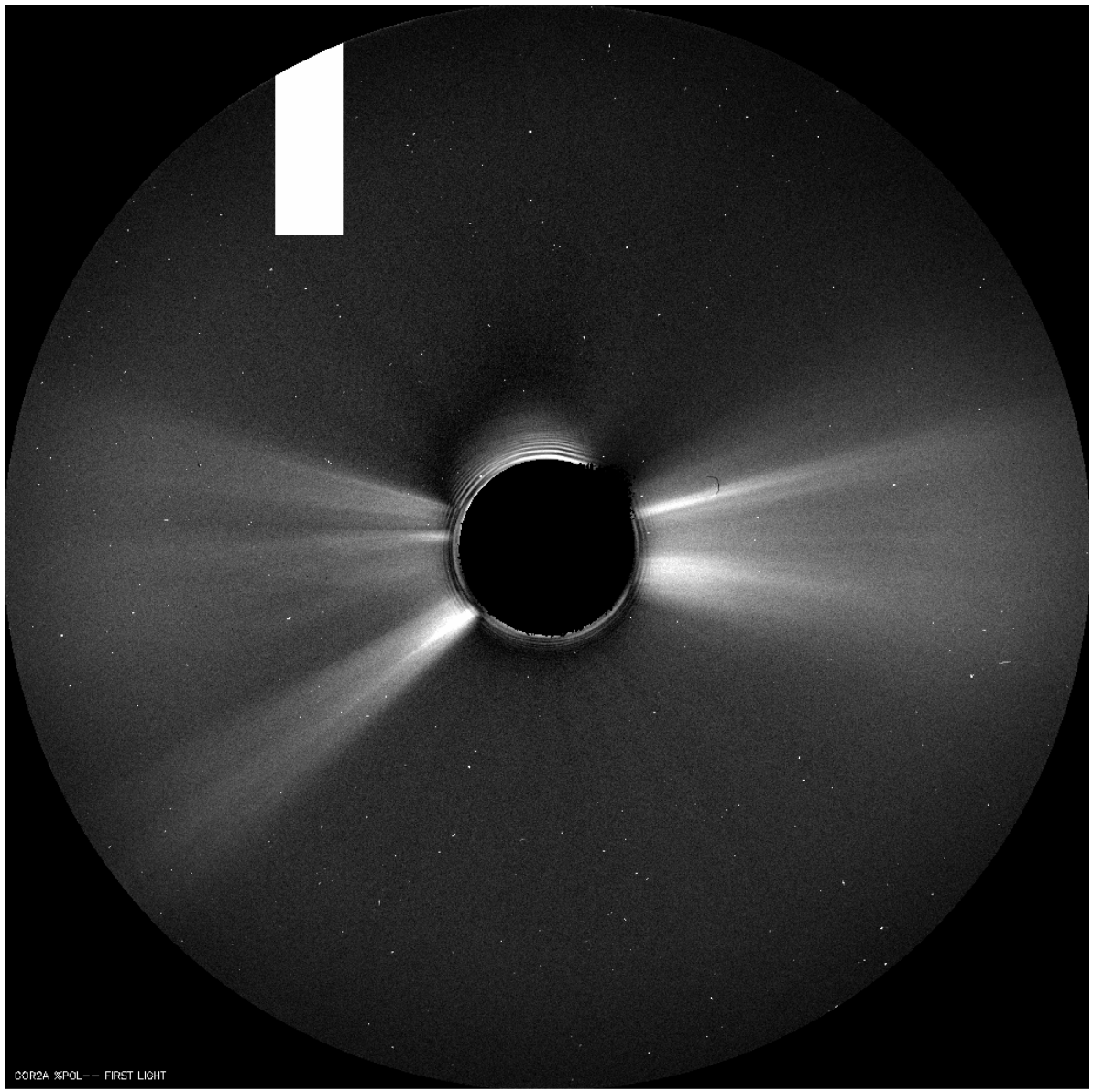
FIRST LIGHT EUVI-A 12/4/06



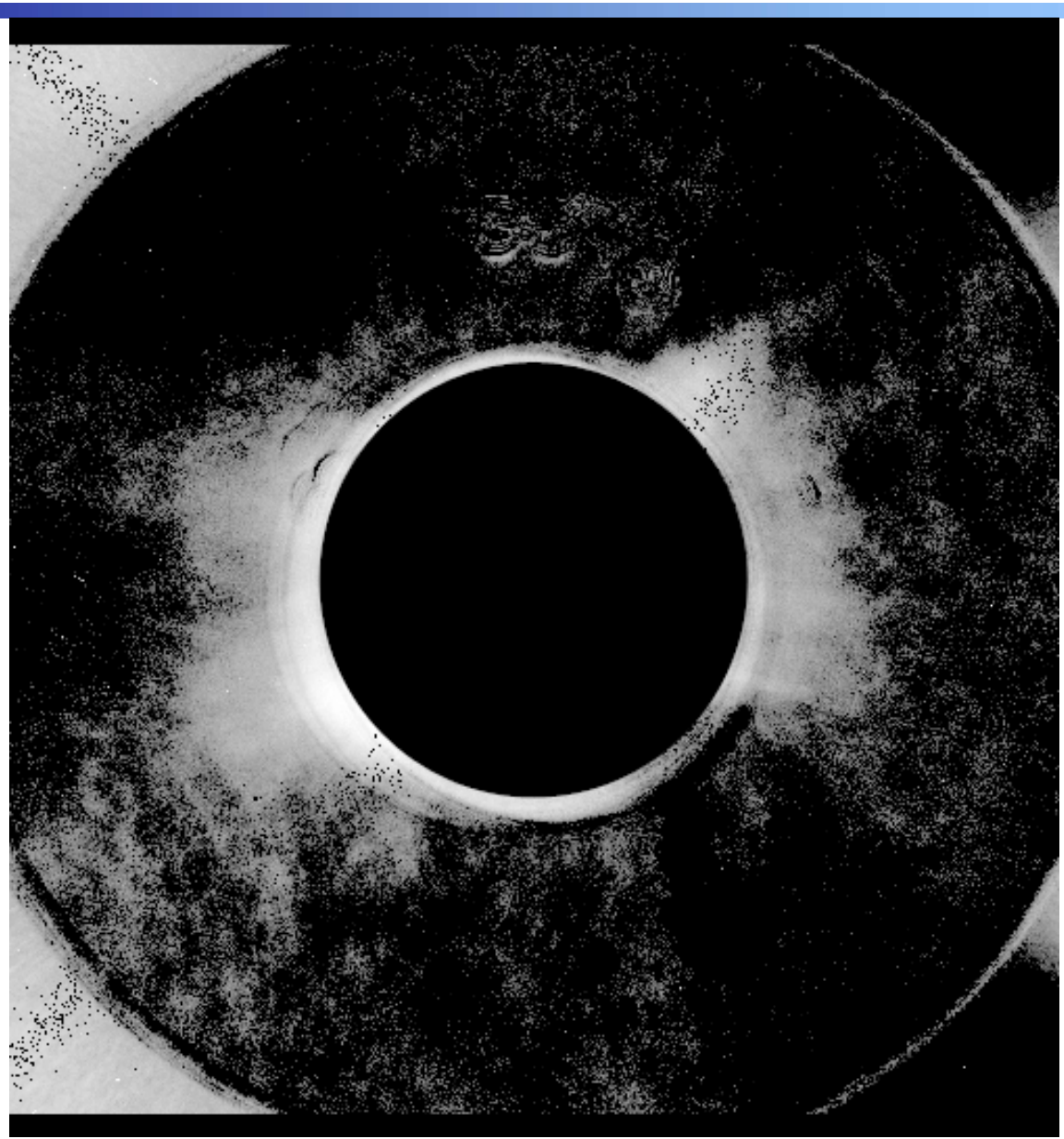
FIRST LIGHT EUVI-A Fe XII 12/4/06

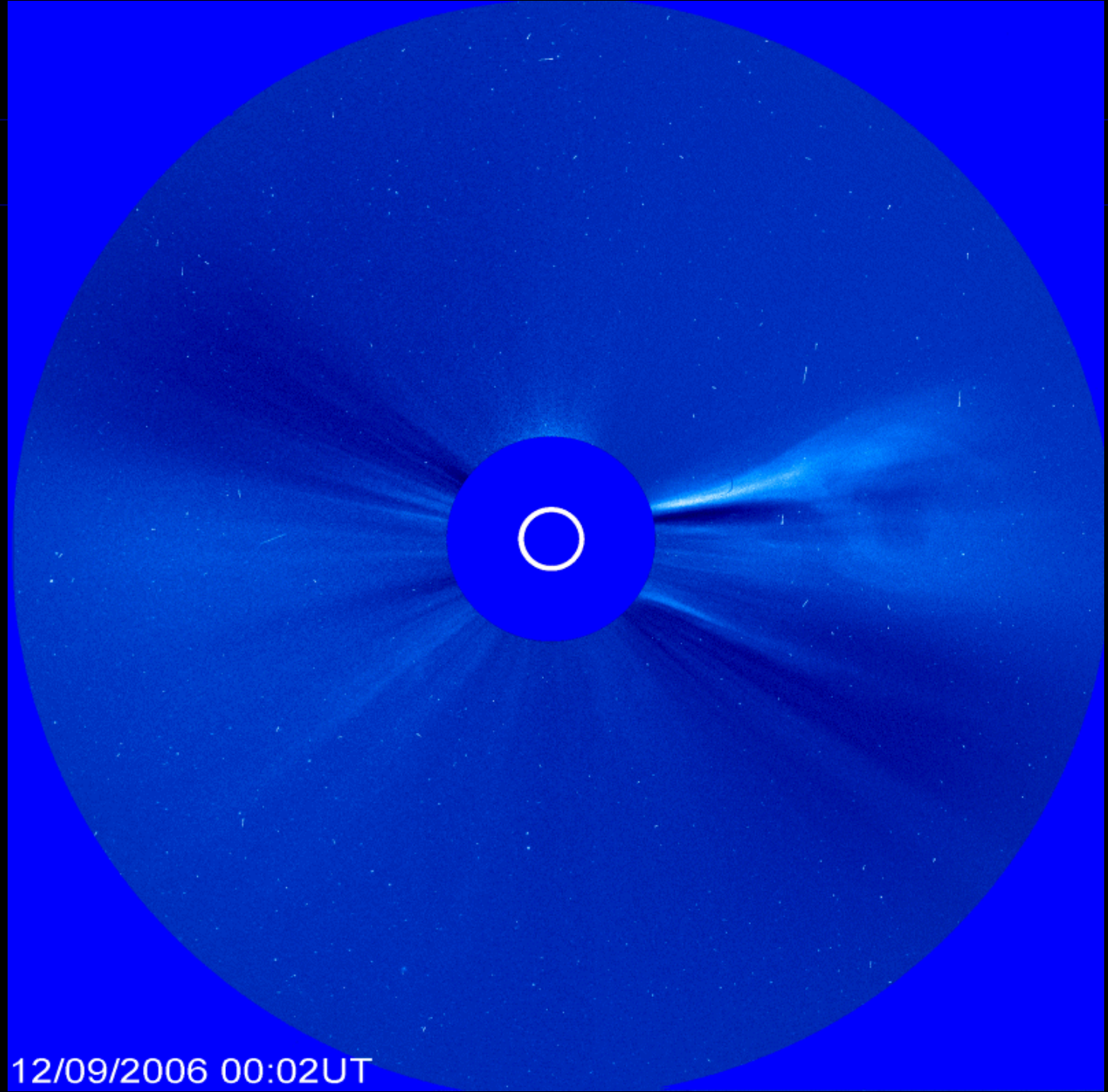


FIRST LIGHT COR2A pB 12/4/06



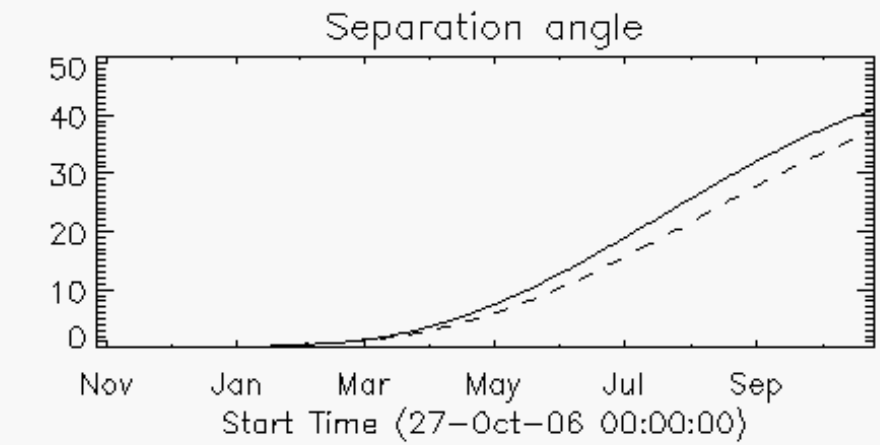
FIRST LIGHT COR1A pB 12/4/06

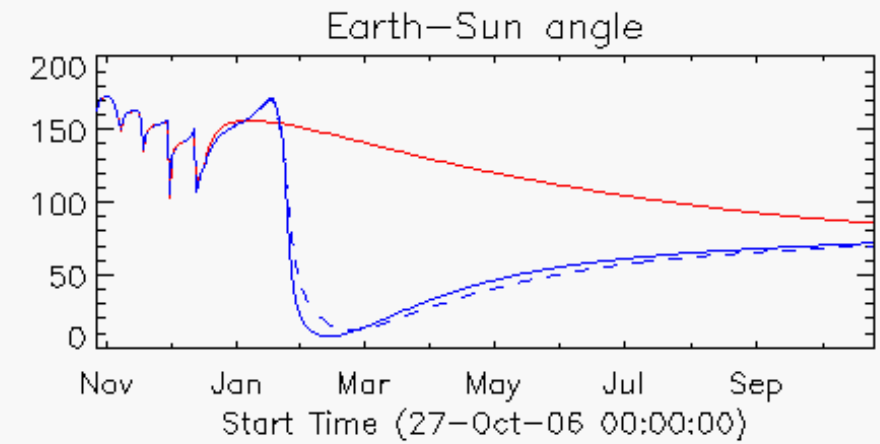


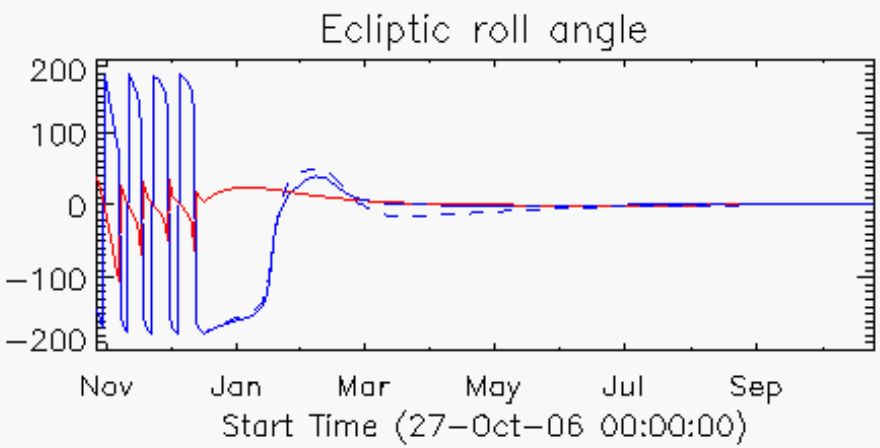

12/09/2006 00:02UT

Spacecraft/Instrument Coordination

- We have a serious problem in communication between the spacecraft and instruments
- Friday afternoon, we (SECCHI) learned that on Monday, there was going to be a 45 degree offpoint maneuver
- This conflicted with our plan for opening the HI door on Monday, which had been planned for several weeks.
- The spacecraft has priority during this period
- But they need to communicate to the general STEREO community these plans, so that we can react to them and negotiate a time that is agreeable to all
- They also have just moved forward a momentum dump that had been planned to occur after the lunar flyby to this Wednesday, one hour after our rescheduled HI door opening. There was no discussion of the timing of the activity. The HI door opening is a major event and seems to be considered a minor one,
- This apparent lack of concern for instrument activities is unacceptable.


Separation angle
50
40
30
20
10
0
Nov
Jan
Mar
May
Jul
Sep
Start Time (27-Oct-06 00:00:00)


Earth-Sun angle
200
150
100
50
0
Nov
Jan
Mar
May
Jul
Sep
Start Time (27-Oct-06 00:00:00)


Ecliptic roll angle
200
100
0
-100
-200
Nov
Jan
Mar
May
Jul
Sep
Start Time (27-Oct-06 00:00:00)