



# Description

Presenter Glen Finneman

Date 7/15/2011

Page 1

- GPC 4 (SM) failed during crew sleep
- GPC 2 was brought online and configured for SM
- GPC 4 was powered OFF
- GPC 1 HISAM was performed following crew wakeup
- GPC 4 HISAM was performed
- Data Dump first look shows
  - CPU Store Protect Error
  - PC 1 Timer Interrupt
- GPC 4 was IPL' ed and added to Redundant Set in G2
- GPC 4 was freeze dried in G2 and put in STBY

D A T A P R O C E S S I N G S Y S T E M





# Forward Plan

Presenter **Glen Finneman**

Date **7/15/2011**

Page **2**

- Analysis of Memory Dump continues
- MOD investigating any contributing factors
  - South Atlantic Anomaly (SAA)
  - Coronal Mass Ejection (CME)
  - Stored Program Command (SPC)
- PRACA history review for similar failure signatures
- Discussions on any Confidence Runs prior to deorbit prep
- MOD discussing Entry configurations

D A T A P R O C E S S I N G S Y S T E M

