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MINUTES OF GLORIA III SAFETY REVIEW								
The GLORIA III Safety Review for the  Following introductory remarks, participants identified themselves and their function in the review process. The list of attendees is attached at the end of this report. A brief overview of the payload subsystems, operations and support equipment was presented to provide background for the review. A discussion of action items from the Phase II Safety Review followed. Unresolved items from the Phase II review are transferred to the								
pay	Phase III Action Item List included in these minutes. The payload hazard reports remain open pending incorporation of							
	ments and closure of action items.							
	ion Items	i oi - a .						
	following action items were ident							
<u>Act</u>	ion Item	Assigned To	<u>Due Date</u>					
1.	Define who provides the safety certification for the		11/1/90					
2.	Investigate the hazard of deploying if the IBSS transmitter is powered.  Document results in PHR-009	BIF480A	12/1/90					
	Include susceptibility of			25X1				
				23/1				
3.	Provide new Fracture Control Plan and Fracture Control Analysis summary to Glen Ecord for review and approval.	BIF480A	11/1/90	25X1				
4.	Document in applicable PHR the remaining shelf life for flight lots of separation nuts.	BIF480A	12/1/90					
5 <b>.</b>	Provide flight NSI lot and serial numbers to	BIF480A	12/1/90					
6.	Document plan of action for	BIF480A/SPO	11/1/90					

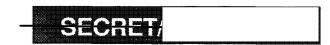
battery charging in the event of a launch delay.

PERTURBUTE OF DIVINITY I

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Prepare detailed tracking log	BIF480A	12/1/90
of all open verification items.		

8. Incorporate comments to ARAR BIF480A 12/1/90 and PHRs.

## Comments to ARAR and PHRs

- 1. Delete reference to secure communications link from paragraph 2.2.5.1 of ARAR.
- 2. Revise PHR-001 as follows:
  - a) Reference MUAs for stress corrosion susceptible materials.
  - b) Add statement that final verification load cycle is complete and show resultant margin of safety.
  - c) Revise control and verification No. 1 to address compliance with NSTS 14046B.
  - d) Rewrite Structural Design section to reflect current application of safety tie and remove historical references.
- 3. Revise PHR-002 as follows:
  - a) Change applicable safety requirement from 202.4b to 202.3.
  - b) Make specific reference to available inhibits and monitors.
  - c) State that there are no Orbiter attitude constraints to limit thermal effects related to hazard cause No. 2.
  - d) Provide cutaway drawing of separation nut.
  - e) Reference in-house quality buy-off of critical processes and mandatory inspection points through cert log.
  - f) Make statement of compliance to policy letter on MIL-STD-1512.
- 4. Revise PHR-003 as follows:
  - a) Change applicable safety requirement from 202.4b to 200.2.
  - b) Add to hazard cause No. 1 "and continued payload deployment operations".
  - c) Delete sheet 117.
  - d) State positively that system was assessed and no fastener is large enough to jam payload if it backed out.

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5.	Revise	PHR-005	relative	to	cause	2b	to	show	that	conducted
	EMI is the issue.									

- 6. Revise PHR-006 to include reference to letter.
- 7. Incorporate results of action item 2 in PHR-009.

