

SUBSYSTEM ECV
 UNIT CABLE
 ASSY. DWG. 2293288
 QUANTITY 1

SHUTTLE ECV FAILURE MODE
& EFFECTS ANALYSIS

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FUNCTION: Provides power and commands from cargo bay bulkhead to cargo bay camera stack.
 supplies video from cargo bay camera stack to cargo bay bulkhead

ITEM	FAILURE MODE	FAILURE CAUSE	FAILURE EFFECT ON EMB ITEM	FAILURE DETECT FLIGHT/GROUND	CORRECT ACTION TIME AVAIL/REQ	CRIT'Y	HAZARDS/REMARKS
M 5.14	Loss of HTR NET (PTU)	Open	No PTU control if PTU gets too cold. Worst Case: Loss of mission critical video.	Visual	None	2/2	
			Worst Case if video is not mission critical, for B & C cameras only: Unable to verify PLB door aft bulkhead latches are closed.	Same as above	None. (Usage of EVA tools is available.)	3/10	