

Spectrum Astro Space Systems

Mission ICD Interface Change Notice (ICN)

ICN TITLE: LAT Power Isolation Removal		ICN NO. 101	PAGE 1 OF 1
ICD TITLE: LAT-SC ICD Rev C	ICD NUMBER: 1196-EI-Y46311-000	DATE: 1-26-06	
ORIGINATOR: Tim Morse	ORGANIZATION: SASS	PHONE: 480-892-8200	
REASON FOR CHANGE: CCR433-0331 to the SC-LAT IRD removed the requirement for secondary power converter isolation since the PRU provides that function. The isolation is retained for the survival heaters and should be made made consistent with all other power requirements.			
BRIEF DESCRIPTION OF CHANGE: Make the following change to the ICD: 6.3.2.5 Electrical Isolation The LAT shall provide secondary power converters that isolate redundant from primary power returns by > 1 Megaohms at Direct Current (DC). The LAT shall electrically isolate survival heaters from each other and from chassis by > 10 Megaohms.			
RELATED ATTACHMENTS: None			
BRIEF DISCUSSION OF IMPACT: No impact to either the LAT or SC.			
ORIGINATOR SIGNATURE: Tim Morse		DATE: 1/26/06	
APPROVAL SIGNATURES			
SPECTRUM ASTRO PROGRAM MANAGER / DATE	<i>Lowell Max</i> 2/3/06 INSTRUMENT PROGRAM MANAGER / DATE		
SPECTRUM ASTRO INSTRUMENT ENGINEER / DATE	<i>D. Haswell</i> 2/3/06 INSTRUMENT ENGINEER / DATE		
DISPOSITION OF CHANGE REQUEST: <input type="checkbox"/> ACCEPTED <input type="checkbox"/> REJECTED			