SPIRE-RAL-COM-0001480

From: Doug Griffin To: Gary Parks

CC: John Delderfield, Bruce Swinyard, Eric Sawyer

Date: Tuesday, 07 January 2003

Issue: 0.1

Dear Gary,

As promised last week, please find below a detailed list of the issues with the JPL documentation that we have found. Some of these issues were detected after the Dec. 2002 Saclay meeting.

John and I have extensively discussed these comments. None of them imply changes to the hardware, but they do impact on the Astrium S/C I/F and on the order of the pixels on the DCU connectors.

What we have proposed does not necessarily represent the only documentation corrections compatible with existing hardware.

We await the update to the Wiring Schematic that details the changes to the hardware that you informed me of during the phone conversation yesterday.

Would you please respond to the comments referring to the number in the left hand column? I will fill out the Closure column in due course and re-issue.

Cheers,

Doug.

p.s. Sorry that I did not get it to you yesterday. The task was more complex than I had anticipated

Comment	Drawing	Sheet # /	RAL Comment	Closure
Number	number and	Grid		
1	issue 10209725-X231	Sheet 1	There is disconcernent between the DDA	
1	10209/23-A231	Grid L2	• There is disagreement between the BDA connectors indicated as being populated on the	
		Old L2	SPIRE Wiring Diagram and the BDA ICDwg.	
			The correct allocation is:	
			• 10209725-X231	
			o PLW J05, J06	
			o PMW J01, J02, J03, J04	
			o PSW J01, J02, J03, J04, J05, J06	
			 SLW J05 	
			o SSW J05, J06	
2	10209721-A	Sheet 4,	• Reference: Comment 1	
		Grid G11	• PLW Should be: J05, J06 (John Coker has signed	
			this issue, I understand that it is OK from a	
			mechanical point of view to move it from J01, J02	
2	10200721 4	C1 4 7	but MSSL need to sign off on this)	
3	10209721-A	Sheet 7, Grid G11	• Reference: Comment 1	
		GIIQ GII	• SLW Should be: J05 (John Coker has signed this issue, I understand that it is OK from a	
			mechanical point of view to move it from J01 but	
			MSSL need to sign off on this)	
4	10209722-A	Sheet 1,	 View of 51-Way MDM connectors (J05 and J08) 	
	Prerelease 6	Grid D2,	shown at D2 as Sockets; should be Pins	
		H8, G7	• View of 51-Way MDM Connectors (J05, J08) are	
			drawn as sockets (double line around the "D"	
			profile instead of a single line); should be Pins	
			• See "JD Annotated 10209722.pdf"	
5	10209722-A	Sheet 1,	• To have agreement in nomenclature between	
	Prerelease 6	Various	10209722 and 10209725, the connector labels	
		Grid	should be changed on 10209722 as follows:	

	Duarring	Chact # /	DAL Comment	Clasura
Comment	Drawing	Sheet # /	RAL Comment	Closure
Number	number and	Grid		
	issue	reference		
			o J01 -> J02 (JBB) (Grid C9)	
			o J02 -> J01 (JAA) (Grid C7)	
			o J03 -> J03 (JAA') (Grid C9)	
			o J04-> J04 (JBB') (Grid C7)	
			o J05 -> J05 (JCC) (Grid G7)	
			o J06 -> J06 (JDD) (Grid G9)	
			o J07 -> J07 (JDD') (Grid H7)	
			o J08 – J08 (JCC') (Grid H9)	
			See "JD Annotated 10209722.pdf"	
			• Note: Both John and I agree that it would in fact	
			be better if the labels J01 through J08 were	
			removed from the drawing and replaced simply	
			with JAA, JBB, JAA', JBB' etc. as it has been	
			agreed that the units will be supplied without J	
			numbers inscribed next to the connectors. The Jxx	
			labels will be added by RAL after JPL delivery.	
6	10209722-A	Sheet 1,	All connectors labelled as being x2 (i.e. Two off).	
	Prerelease 6	Various	This is incorrect. They are all one off.	
		Grid	•	
7	10209722-A	Sheet 2,	J01 should be signals A-L	
	Prerelease 6	Various	• J02 should be signals M-Z	
		Grid	• J03, J04 and J08 should be suffixed with an	
			apostrophe	
			• See "JD Annotated 10209722.pdf"	
			- 500 3D Millotated 10207/22.pdf	
		1		



