

SSTD Incoming Inspection Report

Spacecraft/Project HERSCHEL / SPIRE

Document Number SPIRE-RAL-REP- 002452

Issue 1

Sub System Cryo-Harnesses.

Date 20-Jun-05

Model PFM

INCOMING INSPECTION REPORT

FROM
TEKDATA
Roy Blake, TEKDATA, Westport house, Federation Road, Burslem, Stoke, ST6 4HY

TO
Project Rutherford Appleton Laboratory Space Science and Technology Department Chilton DIDCOT OXON OX11 0QX

Applicable sections	
Containers	Yes
External Visual Inspection	Yes
External Connector	Yes
Documentation	Yes
Verification of Interfaces	No
Extra Comments Sheets	

Drawings / Documents Attached

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Eric Clark (PA)

DATE
20/06/2005

NAME
Eric Clark (PA)

DATE
20/06/2005

SSTD Incoming Inspection Report

Spacecraft/Project

Document Number

Issue

Sub System

Date

Model

CONTAINER INSPECTION

TRANSPORT CONTAINERS EXTERNAL CONDITION	REMARKS	Status
Mechanical damage to container fasteners, locks, clips or handling provisions		See Remarks
Security / Locking Fitted		See Remarks
Markings for destination and description		See Remarks
Warning labels relating to handling lifting and stacking limits		See Remarks
Any additional Comments	Unpacked before inspection performed Container not available for inspection	See Remarks

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		See Remarks
Internal padding / packaging required		See Remarks
Mounting provisions secure		See Remarks
Any additional Comments	Unpacked before inspection performed Container not available for inspection	See Remarks

ENVIROMENTAL MONITORS					
<u>Temp Monitors</u>		<u>Humidity Monitors</u>		<u>Shock Sensors Triggerd Information</u>	
Fitted:	<input type="text"/>	Fitted:	<input type="text"/>	5g	10g
Condition:	<input type="text"/>	Condition:	<input type="text"/>	15g	25g
				50g	

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP-002452**

Issue **1**

Sub System **Cryo-Harnesses.**

Date **20-Jun-05**

Model **PFM**

INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list	No Shipping List available during Inspection	See Remarks
Instrument label		See Remarks
Note status of external contamination		Acceptable
Degradation of paintwork or Coating?		Acceptable
Fasteners correctly locked?		N/A
Check protective covers are correctly labelled and fitted?		None
Additional Comments	See Extra comments section for details of Harness.	See Remarks

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP-002452**

Issue **1**

Sub System **Cryo-Harnesses.**

Date **20-Jun-05**

Model **PFM**

INSPECTION OF ALL CONNECTORS

CHECK LIST	REMARKS (LIST CONNECTOR NUMBERS)	RESULTS
Pin Alignment		Pass
Damaged Sockets		None
Internal Debris		None
Connector Covers fitted		None
Connector Savers Fitted		None
EMC Covers Fitted		None
RED Tag Item / Green Tag Items fitted		N/A
Additional Comments	See Extra Comments sheet for Details of connectors inspected	See remark

SSTD Incoming Inspection Report

Spacecraft/Project	HERSCHEL / SPIRE	Document Number	SPIRE-RAL-REP-002452	Issue	1
Sub System	Cryo-Harnesses.	Date	20-Jun-05	Model	PFM

DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack		No
Transportaion Documents		No
Packing un- Packing instructions		No
Additional Comments	The three Harnesses were returned to Tekdata for Modification /Repair so EIDP not required	

Verification of Interfaces

Mechanical interface: dimensions specified in the interface control documents such as mass, flatness of surfaces, location of fixing holes and overall dimensions should be measured accurately and recorded. Record Test Report Number, or confirm that measurement result is included in delivery documentation, (EIDP).

INSPECTION / TEST REPORT NUMBER	CHECKED N/A for this inspection
--	--

Electrical interfaces: verifying the location and types of connectors against interface control document is normally carried as part of mechanical verification, confirm this has been done. Functional testing: final functional test report number should be noted.

INSPECTION / TEST REPORT NUMBER	CHECKED N/A for this inspection
--	--

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP-002452**

Issue **1**

Sub System **Cryo-Harnesses.**

Date **20-Jun-05**

Model **PFM**

EXTRA COMMENT SHEET

Connector Markings	Comments		Connector Markings	Comments	Inspected
Cable 1					
DCU J 27	JS FITTED		JFS P 05		OK
DCU J 28	JS FITTED		JFS P 06		OK
DCU J 31	JS FITTED		JFS P 09		OK
DCU J 32	NO JS FITTED		JFS P 10		OK
Cable 2					
DCU J 23	JS FITTED		JFS P 01		OK
DCU J 24	JS FITTED		JFS P 02		OK
DCU J 25	JS FITTED		JFS P 03		OK
DCU J 26	JS FITTED		JFS P 07		OK
DCU JA 9D	NO JS FITTED		JFS P 07		OK
Cable 3					
J 2	NO JS FITTED		FPU P26	JS FITTED	OK
J 14	NO JS FITTED		FPU P28	JS FITTED	OK
J 18	NO JS FITTED		FPU P30	JS FITTED	OK
J 20	JS FITTED				OK
J 22	NO JS FITTED				OK
J 30	NO JS FITTED				OK

JS = Jack Screws