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CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE Space Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898
Instrument/Model	SPIRE / CQM	Issue No	3	REV	0
Subsystem	Instrument	Date	16 th Ma	rch 2005	

SECTION 01 Shipping Documents

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE Space Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898
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SECTION 01.1 Warm Electronics Redelivery

For Delivery in April 2005

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE Space Science and Technology Department		
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SECTION 02 Transportation, Packing, Handling & Integration Procedures

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE Space Science and Technology Department		
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SECTION 02.1 EQM Test Procedures

For Delivery in April 2005

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE Space Science and Technolog Department		
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SECTION 03 Certificate of Conformance / Delivery Review Board MoM

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE Space Science and Technology Department		
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SECTION 04 As Built Configuration Status List

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE Space Science and Technolog Department		
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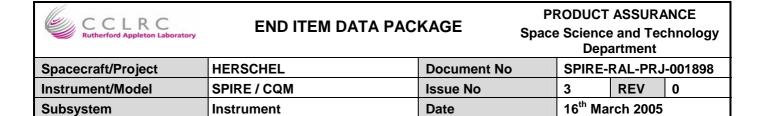
SECTION 05Waivers – Deviations

Status List of Waivers - Deviations Copies of Waivers - Deviations

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE Space Science and Technolog Department		
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Subsystem	Instrument	Date	16 th Ma	16 th March 2005	

SECTION 06 Non Conformance

List of Non-Conformances Copies of Major Non-Conformance



SECTION 07 Hazards

To
Personnel
Mission
Instrument

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE Space Science and Technolog Department		
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SECTION 08 Operational Manual

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE Space Science and Technology Department		
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SECTION 09 Drawings Top Level (Inc. Family Tree)

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE Space Science and Technology Department		
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SECTION 10 Drawings Interface

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE Space Science and Technology Department		
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SECTION 11 Drawings Mechanical: Sub-System Interface.

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE Space Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898
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SECTION 12 Drawings Electrical

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KVCE	PRODUCT ASSURANCE pace Science and Technology Department			
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Subsystem	Instrument	Date	16 th March 2005			

SECTION 13 Declared Lists

Section	List Title
13.1	Declared Materials List
13.2	Declared Processes List
13.3	Declared Mechanical Parts List
13.4	Declared Components List (EEE Parts List)
13.5	Serialised Components List NOT APPLICABLE TO THIS INSTRUMENT

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE Space Science and Technology Department			
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898	
Instrument/Model	SPIRE / CQM	Issue No	3	REV	0	
Subsystem	Instrument	Date	16 th March 2005			

SECTION 13.1 Combined Declared Materials List

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KAGE _{Sp}	PRODUCT ASSURANCE Space Science and Technolog Department			
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898	
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Subsystem	Instrument	Date	16 th Ma	16 th March 2005		

SECTION 13.2 Combined Declared Processes List

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE Dace Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898
Instrument/Model	SPIRE / CQM	Issue No	3	REV	0
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SECTION 13.3 Combined Declared Mechanical Parts List

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE Space Science and Technolog Department			
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	SPIRE-RAL-PRJ-001898		
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Subsystem	Instrument	Date	16 th March 2005			

SECTION 13.4

Combined Declared Components List (EEE Parts)

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE Space Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898
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Subsystem	Instrument	Date	16 th March 2005		

SECTION 13.5

Serialised Components List

NOT APPLICABLE TO THIS INSTRUMENT

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE Space Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898
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SECTION 14 Mass Properties / Power Budget

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE Space Science and Technolog Department			
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SECTION 15 Qualification Status List / Test Matrix

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE Space Science and Technology Department			
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SECTION 16 Test Reports

Sub Section	Test Report Type
16.0	Interface Measurement Reports
16-1	Qualification / Acceptance Test Reports
16-2	Functional Test Reports
16-3	Performance Test Reports

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		pace Science	PRODUCT ASSURANCE ace Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898	
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SECTION 16.0 Interface Measurement Reports

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE ace Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898
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SECTION 16.1 Qualification / Acceptance Test Reports

Each Report should include:-				
Test Requirements / Specifications	TR/S			
Test Readiness Reviews	TRR			
Test Reports 1				
Post Test Reviews	PTR			
Note				
The TR/S & TR are often combined into one Document				

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE ace Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898
Instrument/Model	SPIRE / CQM	Issue No	3	REV	0
Subsystem	Instrument	Date	16 th Ma	rch 2005	

SECTION 16.1.1 Vibration Test

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE ace Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898
Instrument/Model	SPIRE / CQM	Issue No	3	REV	0
Subsystem	Instrument	Date	16 th Ma	rch 2005	

SECTION 16.1.2 Thermal Test

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE ace Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PR	J-001898
Instrument/Model	SPIRE / CQM	Issue No	3	REV	0
Subsystem	Instrument	Date	16 th Ma	rch 2005	

SECTION 16.1.3 Warm Electronics Test

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ace Science Dep		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	J-001898
Instrument/Model	SPIRE / CQM	Issue No	3	REV	0
Subsystem	Instrument	Date	16 th Ma	rch 2005	

SECTION 16.1.4 EMC Test

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE pace Science and Technolo Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	J-001898
Instrument/Model	SPIRE / CQM	Issue No	3	REV	0
Subsystem	Instrument	Date	16 th Ma	rch 2005	

SECTION 16.2 Functional Test Reports

Each Report should include:-			
Test Requirements / Specifications	TR/S		
Test Readiness Reviews	TRR		
Test Reports	TR		
Post Test Reviews	PTR		
Note The TR/S & TR are often combined into one Documen	<u> </u> t		

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ce Science Dep		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898
Instrument/Model	SPIRE / CQM	Issue No	3	REV	0
Subsystem	Instrument	Date	16 th Ma	rch 2005	

SECTION 16.3 Performance Test Reports

Each Report should include:-			
Test Requirements / Specifications	TR/S		
Test Readiness Reviews	TRR		
Test Reports	TR		
Post Test Reviews	PTR		
Note The TR/S & TR are often combined into one Document			

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE ace Science and Technology Department			
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	SPIRE-RAL-PRJ-001898		
Instrument/Model	SPIRE / CQM	Issue No	3	REV	0	
Subsystem	Instrument	Date	16 th March 2005			

SECTION 17 Open Work / Deferred Work / Open Tests

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE ce Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-RAL-PRJ-001898		
Instrument/Model	SPIRE / CQM	Issue No	3	REV	0
Subsystem	Instrument	Date	16 th March 2005		

SECTION 18 Calibration Data Record

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE ce Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-RAL-PRJ-001898		
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Subsystem	Instrument	Date	16 th March 2005		

SECTION 19 Historical Record

(Part of Assembly Log)

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE ce Science and Technology Department			
Spacecraft/Project	HERSCHEL	Document No	SPIRE-RAL-PRJ-001898			
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SECTION 20 Manufacturing Logbooks

Not a Deliverable Item (Available to view @ RAL)

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE Space Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898
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SECTION 21 Operating Time / Cycle Record

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE pace Science and Technology Department			
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Subsystem	Instrument	Date	16 th March 2005			

SECTION 22 Connector Mate / De-Mate Record

MATE DE-MATE Records are included in the Paper copy of the EIDP Only

Note: For Electronic copies: refer to paper copy of the EIDP.

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE Space Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898
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SECTION 23 Age Sensitive Items Record

None Applicable to This Model

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE Space Science and Technology Department		
Spacecraft/Project	HERSCHEL	Document No	SPIRE-	RAL-PRJ	-001898
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SECTION 24 Cleanliness Statement

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE ace Science and Technolog Department		
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SECTION 25 Pressure Vessel(s) (History / Test Record)

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE Space Science and Technology Department		
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Subsystem	Instrument	Date	16 th March 2005		

SECTION 26 Temporary Installation Record

RED TAG Items Only Detailed in Transportation, Packing, Handling Procedures SECTION 2

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE ace Science and Technolog Department		
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Subsystem	Instrument	Date	16 th March 2005		

SECTION 27 Reference List of EIDP's

(Associated / Lower Level)

Extract from PA EIDP LOG.

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE ce Science and Technology Department		
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Subsystem	Instrument	Date	16 th Ma	rch 2005	

SECTION 28 Software

SECTION	TITLE
28	GENERAL INFORMATION
28.1	ON BOARD SOFTWARE
28.2	BASIC SOFTWARE

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE ace Science and Technolog Department		
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Subsystem	Instrument	Date	16 th March 2005		

SECTION 28.1On Board Software

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE Space Science and Technology Department		
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SECTION 28.2 Basic Software

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PAC	KACE	PRODUCT ASSURANCE Space Science and Technology Department		
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Subsystem	Instrument	Date	16 th March 2005		

SECTION 29 Other Useful Information

CCLRC Rutherford Appleton Laboratory	END ITEM DATA PACKAGE		PRODUCT ASSURANCE pace Science and Technology Department		
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Subsystem	Instrument	Date	16 th March 2005		

Section 29.1 Photographs