

From: Sawyer, EC (Eric)
Sent: 19 January 2004 12:23
To: ESTEC. Transport. Office (E-mail); Guillermo. Gonzalez (E-mail); Pieter. Voorzaat (E-mail)
Cc: Carsten. Scharmberg (E-mail); Long, JA (Judy)
Subject: ESA certificates for tax free import.

Dear Mr Voorzaat, Mr Gonzales,

You kindly supplied me with certificates for the following items

Spire Junction Field Effect Transistor serial numbers 3 and 4, JPL ref V-08675 your ref GTG-TO-418.

Unfortunately these were not delivered to us last year and will now be delivered separately. The change of calendar year means that JPL have allocated a different number to this shipment. Please can you send me another certificate as described in the attached letter for one unit only and different reference number.

Spire Bolometer Detector Assembly, serial number 009, JPL ref V-08625, your ref GTG-TO-408.

Again this was not delivered in 2003 and so has now been allocated a different reference number and date by JPL. Please can you send me a replacement certificate as described in the attached letter.

Spire Bolometer Detector Assembly, serial number 008, JPL ref V-08626, your ref GTG-TO-409.

As for the unit above this was not delivered in 2003 and so has now been allocated a different reference number and date by JPL. Please can you send me a replacement certificate as described in the attached letter.

I apologise for the extra work this imposes on you, but I am sure attempts to import with non matching paper work would be disastrous for us.

I am sending the official request letters and pro-forma invoices in this and two extra separate e-mails as the pro-forma invoice files are quite large.

Thanks again

Eric



Marty 010604.pdf



Exemption
pplication JFET Spe.

Eric Sawyer
Space Science and Technology Department
Rutherford Appleton Laboratory
Chilton, Didcot
Oxon, OX11 0QX.
UK
Tel 44 (0)1235 44 6385
e.sawyer@rl.ac.uk



Jet Propulsion Laboratory
California Institute of Technology

4800 Oak Grove Drive
Pasadena, California 91109

**SHIPPING - RECEIVING
MEMORANDUM**

CONSIGNEE / CONTRACTOR	DATE	NO.	PAGE
	01/06/2004	W-00833	1 OF 2
PURCHASE ORDER / CONTRACT NO.			
TASK PLAN 10609			
JOB. NO.			
101455.C.5.1.1 (386)			
SHIP TO RUTHERFORD APPLETON LABORATORY SPACE SCIENCE & TECHNOLOGY DEPT. CHILTON, DIDCOT OXFORD, ENGLAND UNITED KINGDOM OX11 0QX ATTN: ERIC SAWYER PH#1235 44 6385	REQUESTED BY	BLDG.	ROOM
	MARTIN HERMAN	168	214
DATE REQ'D DESTINATION			
SHIPPED VIA			
<input type="checkbox"/> PREPAID <input type="checkbox"/> COLLECT			
SECURITY CLASSIFICATION			
U			
MATERIAL LOCATION			
103-106K			

ITEM NO	QTY.	UNIT OF MEAS.	HAZ. MAT'L	DESCRIPTION	UNIT VALUE	TOTAL VALUE	PROPERTY ID NO.	Returnable Item	RECEIVING USE ONLY	
									ACCEPT	REJECT
1	1	EA		SPIRE (SPECTRAL PHOTOMETRIC IMAGING RECEIVER) JUNCTION FIELD EFFECT TRANSISTOR (JFET) MODULE (PROTO FLIGHT MODEL) JPL P/N 10209750-1/A, S/N 003	\$90,000.	\$90,000.	NONE	N		
2	1	LOT		DOCUMENTATION RE: END-ITEM DATA PACKAGE (EIDF) HRCR REPORT; HANDLING; TEST VERIFICATION OF REQS.	-- --	1.	NONE	N		
3	1	LOT		DOCUMENTATION RE: FINAL INSPECTION REPORT #920032	-- --	1.0	NONE	N		
				** SPECIAL INSTRUCTIONS: TO BE OPENED IN A CLEAN ENVIRONMENT ONLY **						

INTERNAL DELIVERY		BLDG.	ROOM	EXPEDITOR	BLDG.	ROOM
PROPERTY OWNERSHIP		SHIPMENT AUTHORIZED BY		PACKED BY	RECEIVED BY	DATE
NASA/JPL		MARTIN HERMAN/KH		MARTIN HERMAN/KH		
REASON FOR SHIPMENT / INSTRUCTION						
ITEMS ARE BEING SENT TO SATISFY REQUIRED DELIVERABLES PER NASA - PARTICLE PHYSICS AND ASTRONOMY RESEARCH COUNCIL (PPARC) SPECTRAL PHOTOMETRIC IMAGING RECEIVER (SPIRE) HERSCHEL LETTER OF AGREEMENT (LOA). ITEM 1 IS BEING EXPORTED AGAINST STATE DEPT LICENSE #887372. DD1149 REQUIRED						
RECEIVED BY						
DATE REC'D		PACK SLIP NO.		INSPECTION NO. DATE		
				SHIPPER NO.		

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Certified by



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**SHIPPING - RECEIVING
MEMORANDUM**

CONSIGNEE / CONTRACTOR: DATE 01/08/2004 NO. W-00851 PAGE 1 OF 2
~~XXXXXXXXXX~~
 PURCHASE ORDER / CONTRACT NO. TASK PLAN 10609
 SHIP TO RUTHERFORD APPELTON LABORATORY
 SPACE SCIENCE & TECHNOLOGY DEPT.
 CHILTON, DIDCOT
 OXFORD, ENGLAND UNITED KINGDOM OX11 0QX
 ATTN: ERIC SAWYER PH#1235 44 6385
 PREPAID COLLECT
 MATERIAL LOCATION: 103-106K SECURITY CLASSIFICATION: U

ITEM NO	QTY.	UNIT OF MEAS.	HAZ. MAT'L	DESCRIPTION	UNIT VALUE	TOTAL VALUE	PROPERTY ID NO.	Returnable Item	RECEIVING USE ONLY	
									ACCEPT	REJECT
1	1	EA		SPIRE (SPECTRAL PHOTOMETRIC IMAGING RECEIVER) BOLOMETER DETECTOR ASSEMBLY (BOA) (FOR PROTO FLIGHT MODEL), JPL P/N 10209800-4, S/N 008	\$120,000.	\$120,000.	NONE	N		
2	1	LOT		DOCUMENTATION RE: END-ITEM DATA PACKAGE (EIDP) HRCR REPORT; HANDLING; TEST VERIFICATION OF REQs - - - 1.	1.0	1.0	NONE	N		
3	1	LOT		DOCUMENTATION RE: INSPECTION REPORT #919940	1.	1.	NONE	N		
				* * SPECIAL INSTRUCTIONS: TO BE OPENED IN A CLEAN ENVIRONMENT ONLY * *						

INTERNAL DELIVERY: BLDG. ROOM EXPEDITOR

PROPERTY OWNERSHIP: NASA/JPL SHIPMENT AUTHORIZED BY: MARTIN HERMAN/KH
 PACKED BY: MANIFEST NO. RECEIVED BY: DATE

REASON FOR SHIPMENT / INSTRUCTION: ITEMS ARE BEING SENT TO SATISFY REQUIRED DELIVERABLES PER NASA-PARTICLE PHYSICS AND ASTRONOMY RESEARCH COUNCIL (PPARC) SEPCTRAL PHOTOMETRIC IMAGING RECEIVER (SPIRE) HERSCHEL LETTER OF AGREEMENT (LOA). ITEM 1 IS BEING EXPORTED AGAINST STATE DEPT LICENSE #887372. DD1149 REQUIRED

RECEIVED BY: DATE REC'D: PACK SLIP NO.

INSPECTION NO. DATE

SHIPPER NO. SIGNATURE, NASA CONTRACT OFFICER REP.

NASA AUTHORIZATION REQUIRED? SIGNATURE, NASA CONTRACT OFFICER REP.



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**SHIPPING - RECEIVING
MEMORANDUM**

CONSIGNEE / CONTRACTOR		DATE	01/08/2004	NO.	W-00851	PAGE	2 OF 2
			01/08/2004		W-00851		
		PURCHASE ORDER / CONTRACT NO.		TASK PLAN 10609			
SHIP TO		RUTHERFORD APPLETON LABORATORY SPACE SCIENCE & TECHNOLOGY DEPT. CHILLTON, DIDCOT OXFORD, ENGLAND UNITED KINGDOM OX11 0QX ATTN: ERIC SAWYER PH#1235 44 6385					
JOB. NO.		101455.C.5.1.1 (386)					
REQUESTED BY	MARTIN HERMAN	BLDG.	168	ROOM	214	DATE REQ'D DESTINATION	
SHIPPED VIA							
MATERIAL LOCATION		103-106K					
						<input type="checkbox"/> PREPAID <input type="checkbox"/> COLLECT SECURITY CLASSIFICATION U	

ITEM NO	QTY.	UNIT OF MEAS.	HAZ MAT'L	DESCRIPTION	UNIT VALUE	TOTAL VALUE	PROPERTY ID NO.	Returnable Item	RECEIVING USE ONLY		
									ACCEPT	REJECT	BALANCE
				THESE COMMODITIES ARE AUTHORIZED BY THE U.S. GOVERNMENT FOR EXPORT ONLY TO UNITED KINGDOM FOR USE BY RUTHERFORD APPLETON LABORATORY. THEY MAY NOT BE TRANSFERRED, TRANSSHIPPED ON A NON-CONTINUOUS VOYAGE, OR OTHERWISE BE DISPOSED OF IN ANY OTHER COUNTRY, EITHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER END-ITEMS, WITHOUT THE PRIOR WRITTEN APPROVAL OF NASA AND THE U.S. DEPT OF STATE.							
				"I CERTIFY THAT THIS DECLARATION IS TRUE AND CORRECT."							
				NOTE: NOT FOR RESALE, NO COMMERCIAL VALUE.							
INTERNAL DELIVERY				BLDG.	ROOM	EXPEDITOR	BLDG.	ROOM			
PROPERTY OWNERSHIP				SHIPMENT AUTHORIZED BY	PACKED BY	MANIFEST NO.	RECEIVED BY	DATE	RECEIPT		
REASON FOR SHIPMENT / INSTRUCTION				SEE PREVIOUS PAGE							
				DATE REC'D		PACK SLIP NO.		RECEIVED BY			
				INSPECTION NO.		DATE		SHIPPER NO.			
				SIGNATURE, NASA CONTRACT OFFICER REP.		NASA AUTHORIZATION REQUIRED?					

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**SHIPPING - RECEIVING
MEMORANDUM**

CONSIGNEE / CONTRACTOR	DATE 01/08/2004	NO. W-00850	PAGE 1
	01/08/2004	XXXXXXXX	OF 2
PURCHASE ORDER / CONTRACT NO.			
TASK PLAN 10609			
JOB NO.			
SHIP TO RUTHERFORD APPLETON LABORATORY SPACE SCIENCE & TECHNOLOGY DEPT. CHILLTON, DIDCOT OXFORD, ENGLAND UNITED KINGDOM OX11 0QX ATTN: ERIC SAWYER PH#1235 44 6385	REQUESTED BY MARTIN HERMAN	BLDG. 168	ROOM 214
	DATE REQ'D DESTINATION		
MATERIAL LOCATION 103-106K			
SECURITY CLASSIFICATION U			
<input type="checkbox"/> PREPAID <input type="checkbox"/> COLLECT			

ITEM NO	QTY.	UNIT OF MEAS.	HAZ. MAT'L	DESCRIPTION	UNIT VALUE	TOTAL VALUE	PROPERTY ID NO.	Returnable Item	RECEIVING USE ONLY	
									ACCEPT	REJECT
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2	1	LOT		DOCUMENTATION RE: END-ITEM DATA PACKAGE(EIDP) HRCR REPORT; HANDLING; TEST VERIFICATION OF REqs	-- --	1.	NONE	N		
3	1	LOT		DOCUMENTATION RE: INSPECTION REPORT #919941	-- --	1.	NONE	N		
				* * SPECIAL INSTRUCTIONS: TO BE OPENED IN A CLEAN ENVIRONMENT ONLY * *						
INTERNAL DELIVERY										
PROPERTY OWNERSHIP NASA/JPL				EXPEDITOR	BLDG.	ROOM	RECEIVED BY	DATE	RECEIPT	
SHIPMENT AUTHORIZED BY MARTIN HERMAN/KH				MANIFEST NO.					DATE REC'D	PACK SLIP NO.
REASON FOR SHIPMENT / INSTRUCTION										
ITEMS ARE BEING SENT TO SATISFY REQUIRED DELIVERABLES PER NASA-PARTICLE PHYSICS AND ASTRONOMY RESEARCH COUNCIL (PPARC) SPECTRAL PHOTOMETRIC IMAGING RECEIVER (SPIRE) HERSHEY LETTER OF AGREEMENT (LOA). ITEM 1 IS BEING EXPORTED AGAINST STATE DEPT LICENSE #887372. DD1149 REQUIRED										
RECEIVED BY										
INSPECTION NO. DATE										
SHIPPER NO.										

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Certified by _____

NASA AUTHORIZATION REQUIRED? _____ SIGNATURE, NASA CONTRACT OFFICER REP. _____



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**SHIPPING - RECEIVING
MEMORANDUM**

CONSIGNEE / CONTRACTOR		DATE	NO.	PAGE
SHIP TO		01/09/2004	W-00850	2 OF 2
RUTHERFORD APPLETON LABORATORY		10/07/2003	XX000000	
SPACE SCIENCE & TECHNOLOGY DEPT.		PURCHASE ORDER / CONTRACT NO.		
CHILTON, DIDCOT		TASK PLAN 10609		
OXFORD, ENGLAND UNITED KINGDOM OX11 0QX		JOB NO.		
ATTN: ERIC SAWYER PH#1235 44 6385		101455.C.5.1.1 (386)		
		REQUESTED BY	BLDG.	ROOM
		MARTIN HERMAN	168	214
		DATE REQ'D DESTINATION		
		SHIPPED VIA		
		<input type="checkbox"/> PREPAID <input type="checkbox"/> COLLECT		
		SECURITY CLASSIFICATION		
		U		

ITEM NO	QTY.	UNIT OF MEAS.	HAZ. MAT'L	DESCRIPTION	UNIT VALUE	TOTAL VALUE	PROPERTY ID NO.	Returnable Item	RECEIVING USE ONLY		
									ACCEPT	REJECT	BALANCE
				THESE COMMODITIES ARE AUTHORIZED BY THE U.S. GOVERNMENT FOR EXPORT ONLY TO UNITED KINGDOM FOR USE BY RUTHERFORD APPLETON LABORATORY. THEY MAY NOT BE TRANSFERRED, TRANSSHIPPED ON A NON-CONTINUOUS VOYAGE, OR OTHERWISE BE DISPOSED OF IN ANY OTHER COUNTRY, EITHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER END-ITEMS, WITHOUT THE PRIOR WRITTEN APPROVAL OF NASA AND THE U.S. DEPT OF STATE.							
				"I CERTIFY THAT THIS DECLARATION IS TRUE AND CORRECT."							
				NOTE: NOT FOR RESALE, NO COMMERCIAL VALUE.							
INTERNAL DELIVERY											
PROPERTY OWNERSHIP				SHIPMENT AUTHORIZED BY	PACKED BY	RECEIVED BY	DATE	BLDG.	ROOM	RECEIPT	
REASON FOR SHIPMENT / INSTRUCTION				SEE PREVIOUS PAGE							
				DATE REC'D				PACK SLIP NO.			
				RECEIVED BY				INSPECTION NO. DATE			
				SIGNATURE, NASA CONTRACT OFFICER REP.				SHIPPER NO.			

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SPACE SCIENCE & TECHNOLOGY
DEPARTMENT
Rutherford Appleton Laboratory
Chilton, Didcot
Oxfordshire
OX11 0QX

Mr. P. Voorzaat
ESTEC Transport and Customs Office
Section ADM-GTG
Keplerlaan 1
NL-2201 AZ Noordwijk
The Netherlands

c.c. G. Gonzalez Gomez/SCI-PTC

Date: 19 January 2004

our reference: SPIRE-RAL-COM-001918

Subject Tax Exemption for the SPIRE instrument - Herschel/Planck Project

Dear Mr. Voorzaat,

In my capacity as Technical Manager of the SPIRE instrument aboard ESA's Herschel/Planck spacecraft, I herewith ask you to confirm with the ESA certificate that the SPIRE instrument is part of the said project. The Project Manager of Herschel/Planck is Dr. T. Passvogel (address code SCI-PT).

The SPIRE Bolometer detector assembly (BDA) (JPL P/N 10209800-5, S/N 008) Proto Flight Model. These items are coming from NASA/JPL and will be used either for the engineering and/or for the flight units of the SPIRE instrument built for Herschel
JPL ref W-00851

Importer: Mr Eric Sawyer
Rutherford Appleton Laboratory,
Space Science and Technology Department
Chilton
Didcot
Oxfordshire
OX11 0QX
United Kingdom

Exporter: Martin Herman
Jet Propulsion Laboratory
California Institute of Technology
4800 Oak Drive
Pasadena, CA 91109
USA

Kind Regards,

A handwritten signature in cursive script that reads "Eric Sawyer". The signature is written in a dark ink and is positioned below the "Kind Regards," text.

Eric Sawyer
For Rutherford Appleton Laboratory
Direct dial 00 44(0)1235 44 6385
e-mail e.sawyer@rl.ac.uk

Enclosure: Proforma - Invoice



SPACE SCIENCE & TECHNOLOGY
DEPARTMENT
Rutherford Appleton Laboratory
Chilton, Didcot
Oxfordshire
OX11 0QX

Mr. P. Voorzaat
ESTEC Transport and Customs Office
Section ADM-GTG
Keplerlaan 1
NL-2201 AZ Noordwijk
The Netherlands

c.c. G. Gonzalez Gomez/SCI-PTC

Date: 19 January 2004

our reference: SPIRE-RAL-COM-001917

Subject Tax Exemption for the SPIRE instrument - Herschel/Planck Project

Dear Mr. Voorzaat,

In my capacity as Technical Manager of the SPIRE instrument aboard ESA's Herschel/Planck spacecraft, I herewith ask you to confirm with the ESA certificate that the SPIRE instrument is part of the said project. The Project Manager of Herschel/Planck is Dr. T. Passvogel (address code SCI-PT).

The SPIRE Bolometer detector assembly (BDA) (JPL P/N 10209800-5, S/N 009) Proto Flight Model. These items are coming from NASA/JPL and will be used either for the engineering and/or for the flight units of the SPIRE instrument built for Herschel
JPL ref W-00850

Importer: Mr Eric Sawyer
Rutherford Appleton Laboratory,
Space Science and Technology Department
Chilton
Didcot
Oxfordshire
OX11 0QX
United Kingdom

Exporter: Martin Herman
Jet Propulsion Laboratory
California Institute of Technology
4800 Oak Drive
Pasadena, CA 91109
USA

Kind Regards,

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Eric Sawyer
For Rutherford Appleton Laboratory
Direct dial 00 44(0)1235 44 6385
e-mail e.sawyer@rl.ac.uk

Enclosure: Proforma - Invoice



SPACE SCIENCE & TECHNOLOGY
DEPARTMENT
Rutherford Appleton Laboratory
Chilton, Didcot
Oxfordshire
OX11 0QX

Mr. P. Voorzaat
ESTEC Transport and Customs Office
Section ADM-GTG
Keplerlaan 1
NL-2201 AZ Noordwijk
The Netherlands

c.c. G. Gonzalez Gomez/SCI-PTC

Date: 19 January 2004

our reference: SPIRE-RAL-COM-001616

Subject Tax Exemption for the SPIRE instrument - Herschel/Planck Project

Dear Mr. Voorzaat,

In my capacity as Technical Manager of the SPIRE instrument aboard ESA's Herschel/Planck spacecraft, I herewith ask you to confirm with the ESA certificate that the SPIRE instrument is part of the said project. The Project Manager of Herschel/Planck is Dr. T. Passvogel (address code SCI-PT).

The SPIRE Junction Field Effect Transistor (JFET) Module (JPL P/N 10209750-1/A, S/N 003 Proto Flight Model).

These items are coming from NASA/JPL and will be used either for the engineering and/or for the flight units of the SPIRE instrument built for Herschel
JPL ref W-00833

Importer: Mr Eric Sawyer
Rutherford Appleton Laboratory,
Space Science and Technology Department
Chilton
Didcot
Oxfordshire
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United Kingdom

Exporter: Martin Herman
Jet Propulsion Laboratory
California Institute of Technology
4800 Oak Drive
Pasadena, CA 91109
USA

Kind Regards,

A handwritten signature in black ink that reads "Eric Sawyer". The signature is written in a cursive style with a large initial "E".

Eric Sawyer
For Rutherford Appleton Laboratory
Direct dial 00 44(0)1235 44 6385
e-mail e.sawyer@rl.ac.uk

Enclosure: Proforma - Invoice