

2007 No. 770

SCIENTIFIC RESEARCH

The Research Councils  
(Transfer of Property etc)  
Order 2007

*Made - - - - -*

*8th March 2007*

*Laid before Parliament*

*9th March 2007*

*Coming into force - -*

*1st April 2007*



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<i>Made</i> - - - -	<i>8th March 2007</i>
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The Secretary of State, in exercise of the powers conferred by section 3(6) and (7) of the Science and Technology Act 1965(a), makes the following Order:

**PART 1**

**Citation, commencement and interpretation**

**Citation and commencement**

1. This Order may be cited as the Research Councils (Transfer of Property etc) Order 2007 and shall come into force on 1st April 2007.

**Interpretation**

2. In this Order—

“CCLRC” means the Council for the Central Laboratory of the Research Councils;

“PPARC” means the Particle Physics and Astronomy Research Council; and

“STFC” means the Science and Technology Facilities Council.

**PART 2**

**Transfer of property etc from CCLRC and PPARC to STFC**

**Transfer to take effect by virtue of this Order alone so far as applicable laws permit**

3.—(1) Subject only to the matters specified in paragraph (2), all property, rights, liabilities and obligations held, acquired or incurred by CCLRC or PPARC, whether before, on, or after 1st April 2007, are transferred to STFC by virtue of this Article.

(2) The matters specified in this paragraph are—

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(a) 1965 c.4. In 1992, the powers conferred on the Secretary of State by section 3(6) and (7) were transferred to the Minister for the Civil Service and made exercisable concurrently with the Chancellor of the Duchy of Lancaster (Articles 2(1) and 3 of SI 1992/1296), but from 1 January 1996 they were transferred back to the Secretary of State (Article 3(1) of SI 1995/2985).

- (a) in the case of any real or movable property, any applicable rule of law of the place where the property is situated—
    - (i) which determines the ownership of the property; and
    - (ii) under or by virtue of which the provisions of this Order alone are not sufficient to transfer the property completely to STFC; and
  - (b) in the case of any other property, right, liability or obligation, any applicable rule of law under or by virtue of which it has arisen, or to which it is subject—
    - (i) which determines who is entitled or subject to such property, right, liability or obligation; and
    - (ii) under or by virtue of which the provisions of this Order alone are not sufficient to transfer that property, right, liability or obligation completely to STFC.
- (3) Except as provided for in Article 4, the completion of the transfer of any property, right, liability or obligation to STFC under or by virtue of this Order—
- (a) shall not be subject to any matter provided for in any agreement entered into by CCLRC or PPARC; and
  - (b) shall not otherwise be subject to the agreement or approval of any third party, the making of any notification, or the compliance with any other requirement.

**Action to be taken by Research Councils in certain cases**

4.—(1) This paragraph applies where any applicable rule of law—

- (a) requires any notification to be made or agreement to be entered into; or
- (b) imposes some other requirement which must be complied with,

before any particular property, right, liability or obligation of CCLRC or PPARC can be completely transferred to STFC.

(2) Where paragraph (1) applies, CCLRC or PPARC (as the case may be), and, if necessary, STFC, shall take all reasonable steps to ensure that the notification, agreement or other requirement concerned is made, entered into or complied with as soon as possible.

(3) This paragraph applies where any rule of law precludes, or makes it not reasonably practicable to effect, a direct transfer of any property, right, liability or obligation of CCLRC or PPARC to STFC.

(4) Where paragraph (3) applies, CCLRC or PPARC (as the case may be), and, if necessary, STFC, shall take all reasonable steps to ensure that—

- (a) CCLRC or PPARC (as the case may be) ceases to be entitled or subject to the property, right, liability or obligation concerned; and
- (b) STFC becomes entitled to that property, or acquires or incurs a right, liability or obligation which is the same as that to which CCLRC or PPARC (as the case may be) has ceased to be entitled or subject in accordance with sub-paragraph (a),

so that the property right, liability or obligation concerned is indirectly transferred to STFC.

**Specific property etc to be transferred as part of the transfer**

5.—(1) Without prejudice to the generality of Articles 3 and 4, the following are, or (where Article 4(1) or (3) applies) shall be, transferred to STFC—

- (a) the land and property held by PPARC specified in Schedule 1, together with—
  - (i) any immovable property on such land, whether specified in that Schedule or not; and
  - (ii) any right, liability or obligation acquired or incurred by PPARC in relation to such land;
- (b) ownership of any equipment and other movable property, including any vehicle, owned by PPARC in connection with its activities on the land specified in Schedule 1, together

with any other rights, liabilities or obligations acquired or incurred by PPARC in respect of such equipment and other movable property, including any vehicle, used in connection with its activities on that land;

- (c) the shares and other interests held by or on behalf of CCLRC specified in Schedule 2;
- (d) the intellectual property rights specified in Schedule 3;
- (e) any right, liability or obligation of CCLRC or PPARC arising under or in relation to any contract of employment under which any person is, or has been, employed by CCLRC or PPARC;
- (f) any right, liability or obligation of CCLRC or PPARC arising under or in relation to any agreement entered into by CCLRC or PPARC, including—
  - (i) the agreements specified in Schedule 4;
  - (ii) any right, liability or obligation arising in relation to the award or administration of research grants, studentships and fellowships;
  - (iii) any liability for a guarantee, indemnity or financial assistance by way of grant or otherwise; and
  - (iv) any right to possession of any movable property arising under or in relation to an agreement for goods or services;
- (g) any other right, liability or obligation of CCLRC or PPARC arising in connection with their activities as Research Councils, whether imposed by or under any statutory provision, in relation to any civil proceedings, or otherwise; and
- (h) the property specified in Schedule 5.

(2) No property, right, liability or obligation of CCLRC or PPARC shall not be transferred to STFC merely because it is not specified, or is not of a description specified, in this Article.

#### **Continuity for pension schemes maintained under the Atomic Energy Authority Act 1954**

6.—(1) For the purposes of this Article—

- (a) a “relevant person” is a person for or in respect of whom a pension scheme may be maintained under paragraph 7(2) of Schedule 1 to the Atomic Energy Authority Act 1954(a); and
- (b) a “relevant scheme” means, in relation to any relevant person, any such scheme which is maintained in respect of that person.

(2) Any person who—

- (a) was a relevant person immediately before the coming into force of this Order; and
- (b) is transferred to the employment of STFC in accordance with this Order,

shall continue to be a relevant person in respect of his employment with STFC, and any relevant scheme shall have effect after such transfer as if his employment with STFC were a continuation of the employment in respect of which he became a relevant person.

(3) STFC shall pay to the United Kingdom Atomic Energy Authority (in addition to any sums required to be paid in consequence of the transfer by virtue of this Order of any liability under any previous enactment relating to a relevant scheme) such sums in respect of—

- (a) any payments falling by virtue of paragraph (2) to be made by the Authority to or in respect of a person transferred to the employment of STFC; and
- (b) the accruing liability for any such payments,

as may be agreed between STFC and the Authority or as may, in default of agreement, be determined by the Treasury.

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(a) 1954 c.32.

### **Continuity for certain other pension schemes**

7.—(1) Where—

- (a) a person (a “relevant employee”) is an employee or former employee of—
  - (i) CCLRC or PPARC; or
  - (ii) another Research Council or government department whose activities were taken over by CCLRC or PPARC,(each “a relevant employer”); and
- (b) in consequence of such employment or former employment, a person other than the relevant employee’s relevant employer (a “relevant third party”) has acquired or incurred rights against, or liabilities or obligations to, a relevant employee, under a pension scheme or similar arrangement in respect of the relevant employee,

the relevant third party shall remain entitled or subject to those rights, liabilities or obligations, notwithstanding the transfer of other rights, liabilities or obligations in respect of the relevant employee to STFC.

(2) Where CCLRC or PPARC has rights against, or liabilities or obligations to, a relevant third party, those rights, liabilities or obligations are, or (where Article 4(1) or (3) applies) shall be, transferred to STFC.

### **Continuity of employment**

8.—(1) Where rights, liabilities and obligations under a contract of employment are transferred by virtue of Article 3, the contract has effect from 1st April 2007 as if originally made between the employee and STFC.

(2) Any rights, liabilities and obligations under a contract of employment not transferred by virtue of Article 3, shall be transferred in accordance with Article 4 so as to have effect, from the date of transfer, as if the contract had been originally made between the employee and STFC.

## **PART 3**

### **Transfer from Engineering and Physical Sciences Research Council to STFC**

#### **Transfer of Engineering and Physical Sciences Research Council grants etc to STFC**

9. All rights, liabilities and obligations of the Engineering and Physical Sciences Research Council arising in connection with the award of the research grants and fellowships specified in Schedule 6 are transferred to STFC.

8th March 2007

*Malcolm Wicks*  
Minister of State for Science and Innovation  
Department of Trade and Industry

## SCHEDULE 1

### Land and property of PPARC outside the United Kingdom

#### PART I

##### Properties in Hawaii

<b>Property</b>		<b>Address</b>
Base facility land Base facility building	land leased under the terms of the General Lease between the State of Hawaii and the University of Hawaii dated 21.6.68	Contact:  Joint Astronomy Centre, 660 North A'ohoku Place, University Park, Hilo Hawaii 96720 USA
JCMT telescope land – sub lease H 09175 JCMT telescope Building		
UKIRT telescope land – sub lease dated 21.9.78 UKIRT telescope building		

#### PART II

##### Properties in Australia

<b>Property</b>	<b>Address</b>
Land leased at the Siding Spring Observatory between the Australian National University and the SERC dated 1.7.71.	Co Gowen, Parish of Woorut and Co Baradine, Parish of Wheoh, Siding Spring Mountain, near Coonabarabran.

#### PART III

##### Properties in La Palma, Canary Islands

<b>Observatory property</b>	<b>Address</b>
Observatory land held under agreement from the Instituto de Astrofísica de Canarias dated 26.5.79	Roque de los Muchachos Observatory

JKT 1.0m telescope building Remote condenser housing INT 2.5m telescope building WHT 4.2m telescope building Cooling plant housing Generator house complex Garage	Roque de los Muchachos Observatory
Sea level office (rented)	Edificio Mayantigo, Calle Alvarez de Abreu 68, Santa Cruz de La Palma
<b>Residential property</b>	
House 1 (freehold)	Flat 74, Avenida el Puente 48A, Edificio Tinabana, Santa Cruz de La Palma
House 2 (freehold)	Miranda 256, Las Ledas 71, 38710 Breña Baja
House 3 (freehold)	Camino Ventrecha 120, San José, 38712 Breña Baja
House 4 (freehold)	Palmasol II No. 33 (Parcela 17), 38710 Breña Alta
House 6 (freehold)	Palmasol I, Calle Bougainvilleas 8, 38710 Breña Alta
House 7 (freehold)	Camino Ventrecha 122, San José, 38712 Breña Baja
House 8 (freehold)	San José No. 298, 38712 Breña Baja
House 9 (freehold)	Palmasol II No. 35 (Parcela 18), 38712 Breña Alta
House 10 (freehold)	Palmasol I, Calle Estrelitzias 1, 38710 Breña Alta
House 11 (freehold)	Camino Ventrecha 118, San José, 38712 Breña Baja
House 16 (freehold)	San José No. 11, 38712 Breña Baja
House 17 (freehold)	Flat 1A, Calle Pedro Poggio 7, 38700 Santa Cruz de La Palma
House 18 (freehold)	Flat 65, Avenida el Puente 48A, Edificio Tinabana, 38700 Santa Cruz de La Palma
House 21 (freehold)	1st floor flat, Calle el Drago 13, 38700 Santa Cruz de La Palma
House 21.1 (freehold)	Ground floor, Calle el Drago 13, 38700 Santa Cruz de La Palma
House 22 (freehold)	2nd floor flat, Calle el Drago 13, 38700 Santa Cruz de La Palma
House 23 (freehold)	4th floor flat, Avenida el Puente No. 21, 38700 Santa Cruz de La Palma
Plot (freehold)	Palmasol II, Parcela 16, Breña Alta
House 33 (rented)	Avenida el Puente 58, Floor 7, Flat 26, Santa Cruz de La Palma
House 36 (rented)	Calle Perez de Brito 63, Floor 6, Santa Cruz de La Palma
House 36 <sup>a</sup> (rented)	Garage, Calle San José 30, Santa Cruz de La Palma
House 46 (rented)	Garages (2) Edificio Tinabana, Avenida El Puente 48, Santa Cruz de La Palma
House 60 (rented)	Garages (2) Edificio Quinta Verde, Avenida el Puente 37/39, Santa Cruz de La Palma
House 64 (freehold)	San José No. 11A, 38712 Breña Baja
House 74 (rented)	Garage, Edificio Las Diamantes, Santa Cruz de La Palma
House 76 (rented)	Carretera Lomo Flora, Rico Alta 283, 38712 Breña Baja
House 81 (rented)	Edificio Quinta Verde, Avenida el Puente 37/39, Escalera 2, Puerta 3 <sup>a</sup> , Santa Cruz de La Palma
House 85 (rented)	Calle Pedro Poggio 7, Piso 3 Izquierda, Santa Cruz de La Palma
House 87 (rented)	Carretera El Tributo 174, San Antonio, Breña Baja 38712
House 96 (freehold)	El Llanito, Lomo Grande 17, 38710 Breña Alta

## SCHEDULE 2

### Shares and other interests of CCLRC in bodies corporate not incorporated under the law of any part of the United Kingdom

All shares held by or on behalf of CCLRC on 31st March 2007 in the European Synchrotron Radiation Facility (ESRF), Company Registration Number 338 723 919 RCS Grenoble.

All shares held by or on behalf of CCLRC at 31st March 2007 in the Institut Max Laue-Paul Langevin (ILL), Company Registration Number 779 555 887 RCS Grenoble.

CCLRC's participation in, and any rights of CCLRC relating to, the European Economic Interest Grouping ERCIM-EEIG, with registered office at Biot, 2004, route des Lucioles, 06902, Sophia Antipolis, France, formed under a contract governed by the French Act No 09-377 of June 13, 1989, Company Registration Number 388 389 421 RCS ANTIBES (N° de gestion : 1999 C 3).

## SCHEDULE 3

### Non-United Kingdom, European and worldwide intellectual property rights

#### PART I

##### Patents held or applied for by CCLRC

<b>Title</b>	<b>Country / Scope of Rights</b>	<b>Application Date</b>	<b>Application Number (if known)</b>	<b>Grant Date (if known)</b>	<b>Grant Number (if known)</b>
Camera System – SURCIS	France	24/10/1997	9713349	15/12/2000	9713349
Camera System – SURCIS	USA	23/01/2003	10/351174	05/09/2006	7102664
Charged Particle Analysis	Germany	03/02/1998	98903130.7	15/01/2003	69810785.3
Charged Particle Analysis	European	03/02/1998	98903130.7	15/01/2003	EP1012587
Charged Particle Analysis	France	03/02/1998	98903130.7	15/01/2003	EP1012587
Charged Particle Analysis	Italy	03/02/1998	98903130.7	15/01/2003	EP1012587
Charged Particle Analysis	Japan	03/02/1998	10-535449		
Charged Particle Analysis	Netherlands	03/02/1998	98903130.7	15/01/2003	EP1012587
Charged Particle Analysis	USA	03/02/1998	09/367446	17/09/2002	6452401
Cholesterol Assay – 1 of 4 Patents	Worldwide	12/12/2005	PCT/GB2005/004759		
Circular Dichroism (Multiwave CD)	European	30/01/2004	4706729.3		
Circular Dichroism	Japan	30/01/2004	2004-502214		



<b>Title</b>	<b>Country / Scope of Rights</b>	<b>Application Date</b>	<b>Application Number (if known)</b>	<b>Grant Date (if known)</b>	<b>Grant Number (if known)</b>
(Multiwave CD)					
Circular Dichroism (Multiwave CD)	USA	30/01/2004	10/543803		
Cryostat	Worldwide	30/07/2004	PCT/GB04/0 03303		
Dust Agglomerates in Plasmas	Germany	22/01/1997	19781536.7		
Dust Agglomerates in Plasmas	USA	22/01/1997	09/101930	24/10/2000	6136256
EMAPS	Japan	07/05/2004	2006-506237		
EMAPS	USA	07/05/2004	10/556028		
EMAPS	European	07/05/2004	4731669		
Epsilon Vacuum Pump	Worldwide	21/04/2006	PCT/GB2006 /001462		
FAPS	European	24/10/2003	3769651.5		
FAPS	USA	24/10/2003	10/532425		
Farfield Sensors Limited	European	20/05/2002	2730417.9		
Farfield Sensors Limited	Japan	20/05/2002	2002-591806		
Farfield Sensors Limited	USA	20/05/2002	10/478159		
Fluid Probe	Canada	03/12/2004	2.0048E+11		
Fluid Probe	European	03/12/2004	4805908.3		
Fluid Probe	India	03/12/2004	3456/DELNP /2006		
Fluid Probe	USA	03/12/2004			
Integration of Hollow Waveguides	USA	25/03/1997	09/381744	27/11/2001	6323818
Ionising Particle Analyser	European	27/08/2004	4768235.6		
Ionising Particle Analyser	Japan	27/08/2004	2006-525873		
Ionising Particle Analyser	USA	27/08/2004			
Joule Thompson Bypass for Cryogenic Cooler	Japan	20/08/1992	91/504988	16/07/1999	2955361
Joule Thompson Bypass for Cryogenic Cooler	USA	20/08/1992	07/923901	07/06/1994	5317878
Laser Excited X- Ray Source	USA	30/04/1994	08/545637	05/08/1997	5654998
Laser-Based Gas Isotope Measurements	USA				
Lipoprotein Assay	Germany	17/01/2001	1900555.2	11/05/2005	1259805
Lipoprotein Assay	European	17/01/2001	1900555.2	11/05/2005	1259805
Lipoprotein Assay	France	17/01/2001	1900555.2	11/05/2005	1259805
Lipoprotein Assay	Italy	17/01/2001	1900555.2	11/05/2005	1259805

<b>Title</b>	<b>Country / Scope of Rights</b>	<b>Application Date</b>	<b>Application Number (if known)</b>	<b>Grant Date (if known)</b>	<b>Grant Number (if known)</b>
Lipoprotein Assay	Japan	17/01/2001	2001-554066	18/02/2005	3647810
Lipoprotein Assay	USA	17/01/2001	10/181365		
Lipoprotein Assay – 1 of 4 Patents	Worldwide	12/12/2005	PCT/GB2005/004794		
Magnet Arrangement and Drive Device	Germany	01/11/1993	93924144.4	27/08/1997	667990
Magnet Arrangement and Drive Device	European	01/11/1993	93924144.4	27/08/1997	667990
Magnet Arrangement and Drive Device	France	01/11/1993	93924144.4	27/08/1997	667990
Magnet Arrangement and Drive Device	USA	01/11/1993	08/416895	23/12/1997	5701040
Millitron 1 – Electron Multiplying Array	European	14/08/1998	98938821	12/11/2003	1004134
Millitron IV – Photocopying	European	13/05/2004	4732647.5		
Millitron IV – Photocopying	Japan	13/05/2004	2006-518318		
Millitron IV – Photocopying	USA	13/05/2004	10/563609		
Millitron V – Medical Imaging	European	01/04/2004	4725092.3		
Millitron V – Medical Imaging	Japan	01/04/2004	2006-506079		
Millitron V – Medical Imaging	USA	01/04/2004	10/551646		
Millitron VI	Worldwide	13/06/2006	PCT/GB2006/002159		
Monodet & Pet Scanner (Imaging Method & Apparatus)	European	28/10/2002	2770108.5		
Monodet & Pet Scanner (Imaging Method & Apparatus)	Japan	28/10/2002	2003-545184		
Monodet & Pet Scanner (Imaging Method & Apparatus)	USA	28/10/2002	10/495613		
Multi-Teddi 3-D X-RAY Imaging	European	04/12/2003	3782591.6		
Multi-Teddi 3-D X-RAY Imaging	Japan	04/12/2003	2005-500165		

<b>Title</b>	<b>Country / Scope of Rights</b>	<b>Application Date</b>	<b>Application Number (if known)</b>	<b>Grant Date (if known)</b>	<b>Grant Number (if known)</b>
Multi-Teddi 3-D X-RAY Imaging	USA	04/12/2003	10/558699		
MWPC-Radiation Detector (XDTD)	Worldwide	24/03/2006	PCT/GB2006/001100		
Nanocrystal Beams Sputtering Nozzle	USA	22/04/2002	10/476520		
Nanoparticles	European	26/03/2001	1915481.4		
Nanoparticles	Japan	26/03/2001			
Nanoparticles	USA	26/03/2001	10/332654	24/02/2004	6696107
Nanoparticles	Worldwide	26/03/2001	GB01/01300		
Nanoshell	European	20/01/2006	5025992.8		
Novel Drug Delivery System	Canada	15/02/2002	2476397		
Novel Drug Delivery System	European	15/02/2002	2711103.8		
Novel Drug Delivery System	Japan	15/02/2002	2002-565625		
Novel Drug Delivery System	USA	15/02/2002	10/468112		
OPIC Sensor	European	02/06/2005	5747122.9		
OPIC Sensor	USA	02/06/2005			
OPIC Sensor	Worldwide	02/06/2005	PCT/GB2005/002175		
Optical Apparatus T Cell	European	21/07/2003	37651726.6		
Optical Apparatus T Cell	Japan	21/07/2003	2004-522329		
Optical Apparatus T Cell	USA	21/07/2003	10/521484		
Optical Micro Sensor (Universal Sensor)	USA	08/10/2003	10/530524		
Optical Micro Sensor (Universal Sensor)	European	08/10/2003	3753759.4		
Optical Tweezers – Nano Probe	European	25/07/2005			
Optical Tweezers – Nano Probe	Japan	25/07/2005			
Optical Tweezers – Nano Probe	USA	25/07/2005			
Optical Tweezers – Nano Probe	Worldwide	25/07/2005	PCT/GB2005/002897		
Optical Tweezers Feedback Sensor	European	25/07/2005			
Optical Tweezers Feedback Sensor	Japan	25/07/2005			
Optical Tweezers Feedback Sensor	USA	25/07/2005			
Optical Tweezers	Worldwide	25/07/2005	GB2005/002		

<b>Title</b>	<b>Country / Scope of Rights</b>	<b>Application Date</b>	<b>Application Number (if known)</b>	<b>Grant Date (if known)</b>	<b>Grant Number (if known)</b>
Feedback Sensor			917		
Optics for Laser Processing Systems	European	29/03/2001	960831.6		
Optics for Laser Processing Systems	Japan	29/03/2001			
Optics for Laser Processing Systems	USA	29/03/2001			
Proportional Gas Counters	European	26/03/2001	1915484.8		
Proportional Gas Counters	Japan	26/03/2001	2002-502471		
Proportional Gas Counters	USA	26/03/2001	10/181141		
Proportional Gas Counters	USA	22/12/2004	11/021699		
Raman Security Screening	Worldwide	27/11/2006			
Sample Holder Cryostat	Worldwide	08/11/2005	PCT/GB2005 /004302		
Sapphire Sensor	European	08/04/2005	5732499.8		
Sapphire Sensor	Japan	08/04/2005			
Sapphire Sensor	USA	08/04/2005	11/547629		
Sapphire Sensor	Worldwide	08/04/2005	PCT/GB2005 /001377		
SORS In Vivo	Worldwide	25/11/2005	PCT/GB2005 /004529		
Spatially-Offset Raman Spectroscopy (SORS)	Worldwide	25/11/2005	PCT/GB2005 /004535		
Spatially-Offset Raman Spectroscopy (SORS)	USA	11/04/2005	60/669880		
Stopped-Flow Cell	European	03/02/1998	98903127.3	11/06/2003	970370
Stopped-Flow Cell	France	03/02/1998	98903127.3	11/06/2003	970370
Stopped-Flow Cell	Italy	03/02/1998	98903127.3	11/06/2003	970370
Stopped-Flow Cell	Japan	03/02/1998	10-533985		
Stopped-Flow Cell	USA	03/02/1998	09/367016		
Terahertz Scanning Camera	Australia	15/09/2004	2004273207		
Terahertz Scanning Camera	Canada	15/09/2004	2539040		
Terahertz Scanning Camera	China	15/09/2004	2.0048E+11		
Terahertz Scanning Camera	European	15/09/2004	4768476.6		
Terahertz Scanning Camera	Israel	15/09/2004	174313		
Terahertz Scanning Camera	India	15/09/2004	1710/DELNP /2006		

<b>Title</b>	<b>Country / Scope of Rights</b>	<b>Application Date</b>	<b>Application Number (if known)</b>	<b>Grant Date (if known)</b>	<b>Grant Number (if known)</b>
Terahertz Scanning Camera	Japan	15/09/2004	525901/2006		
Terahertz Scanning Camera	South Korea	15/09/2004	2006-7007394		
Terahertz Scanning Camera	Singapore	15/09/2004	200601687-7		
Terahertz Scanning Camera	USA	15/09/2004	10/571901		
Terahertz Waveguide Structures	Germany	14/02/1997	97903475.8	05/09/2001	69706523.5
Terahertz Waveguide Structures	European	14/02/1997	97903475.8	05/09/2001	EP0880804
Terahertz Waveguide Structures	France	14/02/1997	97903475.8	05/09/2001	EP0880804
Terahertz Waveguide Structures	Japan	14/02/1997	09/529114		
Terahertz Waveguide Structures	USA	17/08/2000	09/642706	05/08/2003	US6602429
Terahertz Waveguide Structures	USA	14/02/1997	09/117781	08/05/2001	6229411
Terahertz Portal Multi-Sensor Scanner	Worldwide	04/08/2005	PCT/GB05/03071		
Thin Film Nano-Material	Germany	29/01/2001	1946906.3	03/09/2003	1250470
Thin Film Nano-Material	European	29/01/2001	1946906.3	03/09/2003	1250470
Thin Film Nano-Material	Italy	29/01/2001	1946906.3	03/09/2003	1250470
Thin Film Nano-Material	Japan	29/01/2001	2001-554499		
Thin Film Nano-Material	USA	29/01/2001	10/181230		
Time Resolving Microscope & Chemical Specificity Microscope	Worldwide	06/06/2005	PCT/GB2005/002240		
Transducer with Field Emitter Array	USA	08/02/2001	10/203493	18/01/2005	6844860
Umbrella (Assay) – 1 of 4 Patents	Worldwide	12/12/2005	PCT/GB2005/004757		

## PART II

### Patents held or applied for by PPARC

<b>Title</b>	<b>Country</b>	<b>Application Date</b>	<b>Application Number (if known)</b>	<b>Grant Date (if known)</b>	<b>Grant Number (if known)</b>
Pick and Place System	Worldwide	30/05/2005	PCT/GB2006/002426		
Etch Stop Structure	Worldwide	In Process			

## SCHEDULE 4

Agreements not expressed to be governed by the law of any part of the United Kingdom, under or in relation to which CCLRC or PPARC has acquired or incurred rights, liabilities or obligations

## PART I

### CCLRC Agreements

<b>Contract Number</b>	<b>Other Parties</b>	<b>Title</b>	<b>Start Date</b>	<b>Stated End Date</b>
99-8007	Northrop Grumman Corporation USA	Technical Assistance Agreement – HIRDLS Project	12/04/99	31/12/09
01-0085	EUMETSAT – European Organisation for the Exploitation of Meteorological Satellites	GERB-4 Instrument	01/12/03	01/01/11
01-9002	Fermi National Accelerator Laboratory	INT USA. MoU: Exchange of Scientists	02/01/02	01/01/07
02-0056	EUMETSAT – European Organisation for the Exploitation of Meteorological Satellites	GERB-4 Spares – Set of Critical Parts	01/12/03	01/01/11
02-8006	Lockheed Martin Corporation Space Systems Company	Technical Assistance Agreement	31/12/01	01/01/08
02-8010	EADS Astrium SAS (France)	NDA: Topsat	12/06/02	11/06/07
02-9002	University of Maryland, John Hopkins University	INT USA. Technical Assistance Agreement for the SECCHI Investigation on the STEREO Mission	12/02/03	31/12/08

<b>Contract Number</b>	<b>Other Parties</b>	<b>Title</b>	<b>Start Date</b>	<b>Stated End Date</b>
03-0012	Commission of the European Communities	Novel Millimetre Wave Focal Plane Heterodyne Array for Radio Astronomy	01/01/04	31/12/09
03-0020	Commission of the European Communities	CARE – Co-ordination of Accelerator Research in Europe	01/01/04	31/12/08
03-8027	EADS Astrium SAS (France)	NDA: Scientific Consultancy to Astrium Proposals for Solar Orbiter	04/09/03	03/09/08
03-8060	JPL – Jet Propulsion Laboratory	Technical Assistance Agreement	24/01/05	31/12/13
03-8061	Ball Aerospace and Technologies Corporation	TAA – For MIRI Instrument for NASA JWST Program.	18/07/04	31/12/14
04-0060	EUMETSAT – European Organisation for the Exploitation of Meteorological Satellites	GERB-3 Recalibration	01/06/07	01/05/08
04-0061	EUMETSAT – European Organisation for the Exploitation of Meteorological Satellites	GERB-3 Storage	30/08/06	01/06/08
04-0064	Commission of the European Communities	Europlanet – European Planetology Network	01/01/05	31/12/08
04-0101	Commission of the European Communities	EISCAT Radar – Design Study for Archive and Data Distribution Systems	02/04/05	01/04/09
04-0159	NOAA – National Oceanic and Atmospheric Administration	Support for ACE Program 2005-2009 Download of Data	01/08/05	31/01/09
04-5074	Commission of the European Communities	LIGHTNET	01/01/06	31/12/10
04-8023	Alcatel Space, France	NDA: Sentinel Satellites, for the GMES Programme at ESA	03/11/04	02/11/09
04-8028	EADS Astrium GmbH – Munich	NDA: ESA Programme SENTINEL 3	01/12/04	30/11/10
05-5040	Commission of the European Communities	EURACE – An Agent-based Software Platform	01/10/06	30/09/09

<b>Contract Number</b>	<b>Other Parties</b>	<b>Title</b>	<b>Start Date</b>	<b>Stated End Date</b>
05-8005	Lockheed Martin Corporation Space Systems Company	NDA: Purchase of Reed Valves, etc	21/04/05	20/05/10
05-8025	Terrascale Technologies	NDA: To Discuss Software to Control Parallel Access to Distributed File Systems	11/07/05	10/07/10
05-8031	Swales & Associates Inc.	NDA: MIRI Technical Assistance Agreement	01/09/05	31/12/14
05-8039	Orbital Sciences Corporation	TAA: MIRI Technical Assistance Agreement	15/11/05	31/12/15
05-8047	EADS Astrium GmbH – Friedrichshafen	NDA: LISA Mission Formulation Study	20/01/06	28/02/07
06-40031	Commission of the European Communities (COST Office, Brussels)	Attend COST 296 meetings and workshops	01/07/06	30/06/07
03-0127	Commission of the European Communities	CISTRANA – Co- ordination of IST Research and National Activities	01/09/04	31/08/07
04-0006	Commission of the European Communities	AKOGRIMO – Access to Knowledge through the Grid in a Mobile World	01/07/04	30/06/07
04-9007	KIER - Korea Institute of Energy Research	INT Korea. MoU: An arrangement for Technical Cooperation	01/04/05	31/03/07
05-0073 – RPE 5422	Commission of the European Communities	Integrated Site Security for Grids (ISSeG)	01/01/06	31/12/08
02-8101	Argonne National Laboratory	NDA: Advanced Photon Source (APS) User agreement	31/10/02	30/10/07
05-5005	Commission of the European Communities	DIRAC – Phase1	01/07/05	30/06/08
04-5021	Commission of the European Communities	EUROTEV – European Design Study Towards a Global TeV Linear Collider	01/01/05	31/12/07



<b>Contract Number</b>	<b>Other Parties</b>	<b>Title</b>	<b>Start Date</b>	<b>Stated End Date</b>
04-5022	Commission of the European Communities	EUROFEL – European Development of Critical Technology for Short Wavelength Free-Electron Lasers	01/01/05	31/12/07
02-5059	Commission of the European Communities	IA-SFS – Integrating Activity on Synchrotron Radiation and Free-Electron Laser Science	01/07/04	31/03/09
02-5060	Commission of the European Communities	BIOXHIT – Biocrystallography (X) on an Integrated Technology Platform for Euro Structure Genomics	01/01/04	31/12/07
02-5072	Commission of the European Communities	MAX-INF2 – European Macromolecular Crystallography: Infrastructure Network	01/12/04	30/11/09
03-0032	Commission of the European Communities	LASERLAB-EUROP	01/01/04	31/12/07
03-0131	Commission of the European Communities	CoreGRID – Research Network on Foundations, Software Infrastructures and Applications for Large Scale Distributed, Grid and Peer-to Peer Technologies	01/09/04	31/08/08
04-0110	Commission of the European Communities	MOTIIVE – Marine Overlays on Topography for Annex-2 Valuation and Exploitation	01/08/05	31/07/07
04-0139	Commission of the European Communities	Construction of New Infrastructures – ISIS Target Station 2	01/03/05	27/02/09
04-0158	Commission of the European Communities	IST World – Coordination of IST Research and National Activities	01/04/05	30/09/07

<b>Contract Number</b>	<b>Other Parties</b>	<b>Title</b>	<b>Start Date</b>	<b>Stated End Date</b>
02-9000	Chinese Spallation Neutron Source of the Chinese Academy of Sciences	INT China: Exploitation and Development of Pulsed Spallation Neutron Sources.	10/04/02	09/04/12
96-904	PSI - Paul Scherrer Institute	INT France MoU: OSIRIS Spectrometer	30/11/95	31/12/06
02-0125	Berlin University – Technische Universität Berlin	Quantum Complex Systems: Entanglement and Decoherence from Nano- to Macro-Scales	01/08/02	31/07/06
99-167	University of Bonn – Universität Bonn	Contribution to ROTAX Spectrometer Operating Costs	01/01/99	31/12/05
03-9000	University of Japan	MoU Japan: Collaborative Studies in Neutron Science at the Pulsed Neutron Source ISIS	08/09/03	07/09/08
00-0087	University of Japan	Muon Facility Operation Costs	28/09/00	27/09/10
00-9500	University of Japan	INT Japan. MoU: SRD	04/12/00	03/12/05
01-9501	AOT – Applied Optical Technologies Plc	MoU: Development of Bank Note Security Technology	17/01/03	16/01/08
02-9004	Forschungszentrum Juelich GmbH – KFA	MoU: (INT Germany) Microsystem Research	07/08/02	06/08/07
03-0078	Commission of the European Communities	Intelligent Imaging Sensors for Industry, Health and Security	01/03/04	28/02/08
03-0056	Commission of the European Communities	4M – Multi-Material Micro Manufacture (Technology and Application)	01/10/04	30/09/08
04-0128	Commission of the European Communities	UPWIND – Integrated Wind Turbine Design	01/03/06	28/02/11
03-0009	Commission of the European Communities	ASSEMIC - Assembly and Handling of Microsystems	01/01/04	31/12/08

<b>Contract Number</b>	<b>Other Parties</b>	<b>Title</b>	<b>Start Date</b>	<b>Stated End Date</b>
05-0077	Commission of the European Communities	CEC Europractice IC3 – IMEC	01/01/06	31/12/08
04-0089	Commission of the European Communities	PRONANO	01/01/05	31/12/09
96-910	KIST – Korea Institute of Science and Technology	MoU (INT Korea) Scientific and Technological Co-operation	02/10/96	21/10/07
04-0106	Commission of the European Communities	TASNANO – Tools and Technologies for the Analysis and Synthesis of Nanostructures	01/01/05	31/12/07
05-8009	BAAS	NDA: Manufacturing and Processing of Microsystem Devices	01/06/05	01/06/10
04-0165	SLAC – Stanford Linear Accelerator Center – Menlo Park	User Agreement – CCLRC Staff visiting SLAC	23/03/05	22/03/10
98-8001	IMEC – Interuniversitair Microelectronica Centrum vzw	NDA: Alcatel Microelectronics 0.35um CMOS Technology (Documentation, Magnetic Tapes, Disk and CD-ROM)	29/06/99	28/06/09
98-8002	TEMIC Semiconductors (MHS SA)	NDA: Agreement on the Use of DMILL (Durci Mixte sur Isolant Logico-Lineaire) Components	05/08/99	04/08/09
03-8010	Tower Semiconductor Ltd	NDA: Information. Evaluation of Customer Designs for possible Manufacture and Manufacture by Tower	28/05/03	27/05/08
06-60017	University of Queensland	NDA – Queensland	28/06/06	28/06/11
06-60044	USC – Ultra-Scan Corporation	NDA – MX8	23/01/07	23/01/12
06-60045	AGI – Abbie Gregg Inc	NDA – MX8	03/01/07	03/01/12
4034695	Optical Research Associates	Rental of CODE V Software	06/03/98	31/03/07
4010391	National Institute of Standards and Technology	Lease of Crystal Data Identification File	01/05/97	31/12/11
4093046	Toth Information Systems Inc	Lease of Crystmet Database	08/06/00	30/06/07
4150299	Phytron Inc	Space rated stepper Motor	26/10/06	31/03/07

<b>Contract Number</b>	<b>Other Parties</b>	<b>Title</b>	<b>Start Date</b>	<b>Stated End Date</b>
HSH200603	Philips Electronics Nederland B.V. (Handshake Solutions)	Electronic Design Automation tools	23/03/06	Ongoing
SY200302	Synchronicity Software Inc	Electronic Design Automation tools	14/02/03	Ongoing

## PART II

### PPARC Agreements

<b>Contracts/ Reference Number</b>	<b>Original parties other than PPARC (but including bodies from which PPARC derives rights)</b>	<b>Title/Description</b>	<b>Start Date (if known)</b>	<b>Stated end Date (if known)</b>
1596	UK ATC, University of Waterloo	Scuba 2 Submillimetre Common User Bolometer Array	9/05/03	Completion
1604	ESO	Agreement between ESO and PPARC for Vista Project	31/5/02	Completion
1684	CERN	PPARC Contribution to of LHC Computing Grid	01/04/02	31/03/05
1685	Fermi National Accelerator Laboratory	PPARC Contribution to MINOS	03/03/00	31/12/04
1686	Inter-University Research Institute Corporation	Near Infrared Fibre Spectrograph for Subaru	01/09/04	24/09/05
1687	Astroparticle Physics European Coordination, Bundesministerium fur Bildung und Forschung, Institut National de Physique Nucléaire et de Physique des Particules, Direction des Sciences de la Matière, Stichting voor Fundamenteel Onderzoek der Materie	Funding Agencies in Europe for Research Astroparticle Physics	02/05/01	Until terminated by signatories
1689	Instituto de Astrofísica de Canarias, Isaac Newton Group of Telescopes and Nederlander Organisatie voor Wetenschappelijk Onderzoek	Operation of Isaac Newton Group of Telescopes	01/02/02	31/01/09
1693	EISCAT Scientific Association	EISCAT Operations in Norway between EISCAT and University of Tromsø	01/01/97	31/12/06

<b>Contracts/ Reference Number</b>	<b>Original parties other than PPARC (but including bodies from which PPARC derives rights)</b>	<b>Title/Description</b>	<b>Start Date (if known)</b>	<b>Stated end Date (if known)</b>
1695	Pierre Auger Observatory – Comisión Nacional de Energía Atómica (Argentina), Forschungszentrum Karlsruhe GmbH (Germany), Slovenia Ministry of Science & Technology, Universities Research Association Inc (USA), UNESCO	Organisation, Management and Funding	15/03/99	31/12/15
1703	Commonwealth Scientific and Industrial Research Organisation (acting through the Australia Telescope National Facility Division)	Loan of Michelle	09/02/05	31/01/07
1708	Space Systems LLC, ESA, Astrium, CCLRC, UK ATC	TAA between Ball Aerospace, ESA, Astrium and RAL for JWST Optical Performance of Telescope	21/12/05	31/12/15
1716	University of Copenhagen, Instituto de Astrofísica de Canarias	Transfer of Automatic Transit Circle	19/06/03	30/04/04
1724	ESO, Max-Planck Institut für Extraterrestrische Physik, Universitäts-Sternwarte München	Design Study and MOU Signed ESO Agreement	19/10/05	30/09/12
1735	ESO	Photomixer Design and Pr-production, Optical Amplifier Study and Optical Comb Generator Prototyping	07/09/04	Oct-2005
1737	Research Corporation of the University of Hawaii	Employment Service Agreement	1/7/04	Until terminated by signatories
1740	Alcatel Space	Spire Beam Steering Mirror Subsystem - Contract between PPARC, Alcatel, ESA – Repayment	01/02/04	30/06/04
1745	The Government of the Commonwealth of Australia	Schmidt Telescope Funding and Ownership after 30 June 2010	2002	2010

<b>Contracts/ Reference Number</b>	<b>Original parties other than PPARC (but including bodies from which PPARC derives rights)</b>	<b>Title/Description</b>	<b>Start Date (if known)</b>	<b>Stated end Date (if known)</b>
1746	Consiglio Nazionale delle Ricerche, Max-Planck-Institut für Radioastronomie, Instituto Geografico Nacional, Swedish National Facility for Radio Astronomy, Nederlandse Organisatie voor Wetenschappelijk Onderzoek	European VLBI Network, A Collaboration of National Radio Astronomy Observatories	01/01/03	31/12/06
1747	ESO	Development of Software	01/05/05	01/06/07
1748	ESO	Testing of Water Vapour Radiometers	01/10/03	31/08/05
1749	ESO	Development of the Cryostat	01/09/03	30/09/05
1750	ESO	Data Transmission System	01/04/03	Completion
1751	ESO	Correction of Atmospheric Phase Errors	01/06/03	30/05/05
1752	ESO	Photonic Local Oscillator	01/07/02	31/03/03
1753	ESO	Support System on Engineering/Front End Sub System	10/06/04	31/12/04
1754	The Victoria University of Manchester, Consiglio Nazionale delle Ricerche, Technische Universiteit Delft, University of Birmingham, CCLRC, Chalmers Tekniska Högskola AB, Universität zu Köln, Observatoire de Paris, Joint Institute for Very Long Baseline Interferometry (Vlbi) in Europe, Fundación General de la Universidad de Alcalá – Instituto Geográfico Nacional, Australia Telescope National Facility - Csiro, Centro Interuniversitario di Ingegneria delle Microonde per Applicazioni Spaziali, European Organisation for Astronomical Research in the Southern Hemisphere, Nationaal Instituut voor Ruimteonderzoek, Max Planck Institute for Radioastronomy, Institut de Radioastronomie Millimétrique and Others	Radionet Agreement	01/01/07	31/12/08

<b>Contracts/ Reference Number</b>	<b>Original parties other than PPARC (but including bodies from which PPARC derives rights)</b>	<b>Title/Description</b>	<b>Start Date (if known)</b>	<b>Stated end Date (if known)</b>
1761	China Research Institute of Radiowave Propagation, National Institute of Polar Research, Norges Forskningsråd, Solar Terrestrial Environment Laboratory, Nagoya University, Suomen Akatemia & Vetenskapsradet	Development of Radar Facilities at High Latitudes	01/01/07	Until terminated by signatories
1765 / 505818	CERN, LGC Collaboration	Collaboration in the Deployment and Exploitation of LHC Computing Grid (LCG)	April 2005	31/12/11
1902	European Southern Observatory, Instituto Tecnológico y de Energías Renovables S.A., National University of Ireland, Galway, Università degli Studi di Padova, University College London, The Chancellor, Masters and Scholars of The University of Oxford, Centre National de la Recherche Scientifique – Institut National des Sciences de l’Univers, Australian National University, Société Européenne De Systèmes Optiques (Seso), Zeeko Ltd, Sagem S.A., Universiteit Leiden, Instituto de Astrofísica de Canarias, Gran Telescopio de Canarias S.A. (Grantecan), Fogale Nanotech, Cranfield University, Centre International de Méthodes Numériques En Ingénierie, Stichting Astronomisch Onderzoek In Nederland, University of Durham, University of New South Wales, Lunds Universitet, Istituto Nazionale di Astrofisica, Universitat Politècnica de Catalunya, Université de Nice, Max-Planck-Society for the Advancement of Science, Represented by The “Institut für Astronomie” and Others	ELT	01/01/05	30/11/08

<b>Contracts/ Reference Number</b>	<b>Original parties other than PPARC (but including bodies from which PPARC derives rights)</b>	<b>Title/Description</b>	<b>Start Date (if known)</b>	<b>Stated end Date (if known)</b>
1904	ESF Expert Committee on Radio Astronomy Frequencies	Committee on Radio Astronomy Frequencies Agreement	07/04/05	06/04/10
1924 / 011863	ESO	Scowl Study	Dec-2004	15/09/05
1928	EURO-VO	European Virtual Observatory	01/03/05	28/02/08
1947	ESA, Agenzia Spaziale Italiana, Centre National d'Etudes Spatiales, Deutsches Zentrum für Luft- und Raumfahrt EV, Ministerio de Educación y Ciencia, Space Research Organisation of the Netherlands	Lisa Technology Package	09/05/05	31/12/07
1967	Pole Optique et Photonique, Asociacion Industrial de Optica Color e Imagen, Associazione Istituzione Libera Università Nuorese, Foundation for Research & Technology - Hellas, Istituto di Fisica Applicata "Nello Carrara", UK ATC, Universitat de Barcelona	Consortium Agreement and Funding Application - ENOC	15/12/05	14/06/08
1968	ESO	UK Fibre Management Consortium	17/10/05	
1969 / 022496	ESO	IF Data Transmission System	01/10/04	01/03/06
1970	ESO	AOS Fibre Systems	01/03/05	31/07/05
1980	Gemini, AURA, UK ATC	Design Study for PRVS N251228	12/01/06	30/11/06
1991	ESO	Contract 8349/05/6456 YWE Amplitude Calibration Device Hot Load Manufacture	04/12/05	29/01/06
1992	ESO	Contract 8327/05/5750 YWE Installation of the European Front End Integration Centre	01/01/06	26/05/06
2024	Universities Space Research Association, UK ATC	Analysis and Modelling Work in Support of PRVS Design Study	01/04/06	31/10/06



<b>Contracts/ Reference Number</b>	<b>Original parties other than PPARC (but including bodies from which PPARC derives rights)</b>	<b>Title/Description</b>	<b>Start Date (if known)</b>	<b>Stated end Date (if known)</b>
2039	ECM, UK ATC	Cesic Samples from CALCARB Material	01/06/06	Indefinite
2046	Association of Universities for Research in Astronomy	Derek Ives - Supply of Professional Services to Gemini	18/07/06	31/12/06
2047	ESO, UK ATC	Adaptive Relay Unit - Conceptual Design Study	02/08/06	15/01/07
2076	CONICYT	PPARC-Gemini Studentships	15/11/06	14/11/09
2104	Commissariat à l'Energie Atomique (CEA), Vetenskapsradet – Swedish Research Council Stiftung Deutsches Elektronen- Synchrotron, České Vysoké Učení Technické v Praze	ERID-Watch	01/11/06	31/10/08
1690/ 1690A	European Organization for Nuclear Research CERN	LHC Computing Grid Project Phase 1/LHC Coordinator Papers/Exhibition Paper 1690A	01/04/02	31/03/05
1980A /043004	Gemini, AURA, UK ATC	Agreement between Penn University and UK ATC	12/01/06	30/11/06
	Copenhagen University	Carlsberg Meridian Telescope	26/09/79	Not stated
	IAC	CMBT		
C1	National Science Foundation, NRC	Gemini MoU re the construction & operation of the 8m telescope on Mauna Kea, Hawaii and an 8m telescope at Cerro Pachon, Chile	Not stated	Not stated
C11	Not known	Agreement on construction and operation of 8m telescopes - the Gemini facilities		
G1	ISC, CR	ING - Agreement regarding the siting of the SuperWASP Camera		12/06/09
G2	ISC, CR	ING - Agreement regarding the siting of SLODAR		

<b>Contracts/ Reference Number</b>	<b>Original parties other than PPARC (but including bodies from which PPARC derives rights)</b>	<b>Title/Description</b>	<b>Start Date (if known)</b>	<b>Stated end Date (if known)</b>
I12	NIVR	ING - MOU in co-operating the development and exploitation of IRAS		
113	Centre National de la Recherche Scientifique/Institut National de Physique Nucléaire et de Physique des Particules, Bundesministerium für Bildung und Forschung, Commissariat à l’Energie Atomique, Organisation Européenne pour la Recherche Nucléaire, Fundação para a Ciência e a Tecnologia, Fonds National de la Recherche Scientifique, Stichting voor Fundamenteel Onderzoek der Materie, Fonds voor Wetenschappelijk Onderzoek – Vlaanderen, Istituto Nazionale di Fisica Nucleare, Ministerio de Educación y Ciencia, Ministry of Education, Youth and Sports of the Czech Republic, Swiss National Science Foundation, National Center for Scientific Research “Demokritos”, Stiftung Deutsches Elektronen-Synchrotron (DESY), Fundación Española para la Ciencia y la Tecnología, Vetenskapsrådet (Swedish Research Council)	ASPERA - Integrating and strengthening the European Research Area - co-ordination Action	01/04/06	31/08/09
121	CNRS-Institut National des Sciences de l’Univers (Insu), Nordic Optical Telescope Scientific Association, Istituto Nazionale di Astrofisica, European Southern Observatory, Nederlandse Organisatie voor Wetenschappelijk Onderzoek, Ministerio de Educación y Ciencia, Bundesministerium für Bildung und Forschungstiftung, Deutsches Elektronen-Synchrotron (DESY)	ASTRONET - Developing European Astronomy	01/09/05	31/08/09

<b>Contracts/ Reference Number</b>	<b>Original parties other than PPARC (but including bodies from which PPARC derives rights)</b>	<b>Title/Description</b>	<b>Start Date (if known)</b>	<b>Stated end Date (if known)</b>
036284	Portugal	ING – Agreement to extend the operation and participation in the ING		01/02/01
0326075	RCO	ING - Agreement for the Coating Plant		21/02/04
I10	National Science Foundation, NRC	Gemini Agreement	Not stated	Not stated
I11	NAOJ, Japan	FMOS	2005	2006
G3	Research Admin, HSCR	General Protocol on co-operation in astrophysical research in La Palma	25/05/79	26/05/09
	Research Admin	Protocol referring to the Observatory at Roque de los Muchachos	18/06/81	21/02/96
I1	HSCR, Denmark, Sweden	Agreement on Co-operation in Astrophysics	26/05/79	26/05/09
I2	HSCR, Denmark, Sweden	Agreement regarding the Installations in the Roque de los Muchachos Observatory	05/02/90	
I3	CSIC Spain	ING (Steavenson telescope)	26/05/79	10 years from start
I4	Vultesa, S.A.-ING	Car Maintenance	01/08/06	31/07/07
I5	Limpalma, S.L.-ING	SLO and ORM Cleaning	01/10/06	01/10/07
M001	Al Air Liquide España-ING	Bottles of Gas	01/04/05	01/04/11
M004	Silor Archipiélago-ING	Building Maintenance	01/12/06	01/12/07
M021	Hotel Mayantigo S.A.-ING	Sea Level Office Rental	01/02/06	01/02/11
M012	Nordic Optical Telescope-ING	Sub Lease Agreement Repayment	31/01/06	01/02/01
M022	Fundacion Galileo Galilei-ING	SLO Common Services Repayment Contract	01/01/07	31/03/07
CR003	Vetenskapsradet, Sweden etc	EISCAT Agreement	01/02/89	On-going
CR004	ZWO	ING Mutual Statement on Scientific collaboration	25/06/82	Not specified

<b>Contracts/ Reference Number</b>	<b>Original parties other than PPARC (but including bodies from which PPARC derives rights)</b>	<b>Title/Description</b>	<b>Start Date (if known)</b>	<b>Stated end Date (if known)</b>
	ZWO	ING - Agreement for access to 1st class telescopes, development and updating	02/12/82	01/12/97
J1	JAC, Summit Services	Summit Janitorial Services	01/04/05	31/03/08
08/200 5-06	JAC, Day-Lum Rentals	Warehouse lease	02/08/05	31/08/07
09/200 5-06	JAC, Gaspro	Cryogenics and Gases	05/12/05	04/12/08
Q06/200 5-06	JAC, MKSS	HP and mountain services	Rolling	
11/200 5-06	JAC, Oahu Air Conditioning	Replacement UKIRT air conditioner	1701//07	31/05/07
	JAC, Hawaiian Telecom	Fast Ethernet between Hilo & UKIRT	Rolling	
01/200 6-07	JAC, University of Hawaii	Internet connection	Rolling	
	SRC & University of Hawaii	Sub lease		
	SERC & University of Hawaii	MOU		
	SERC & University of Hawaii	Operating and Site Development Agreement	02/10/84	
	SERC & University of Hawaii	Sub lease	10/02/84	
	SERC & ZWO	Protocol and Amendment to Protocol	13/06/83	
	SERC, ZWO & NRC	MOU	26/04/87	
	SERC & NRC	Agreement on Collaboration in Millimetre-Wave Radio Astronomy	26/04/87	
	SERC, NRC & ZWO	Agreement on Collaboration in Millimetre-Wave Radio Astronomy	09/08/89	
	SERC & ZWO	Protocol	18/06/81	
	SERC & ZWO	Amendment to Protocol	25/11/81	
	SRC, National Board of Science and Technology of Ireland and Dublin Institute for Advanced Studies	Collaboration Agreement	Not stated	Not stated
	SERC & Centre for Particle Astrophysics	Co-operative Agreement	Not stated	Not stated

## SCHEDULE 5

### Rare books and antiquities transferred to STFC

The collection of rare books and antiquities, known as the Crawford Collection, held at the Royal Observatory, Edinburgh.

## SCHEDULE 6

### Grants and fellowships currently administered by the Engineering and Physical Sciences Research Council, responsibility for which is transferred to STFC

#### PART I

#### Research Grants Pre Full Economic Cost

<b>Grant Reference Number</b>	<b>Holding Organisation Name</b>	<b>Grant</b>
EP/C005511/1	University of Brighton	UK representation at meetings of the EXOGAM steering committee
EP/C005899/1	The University of Manchester	Applications of the Coupled Cluster Method in Nuclear Physics
EP/C010655/1	The University of Manchester	Using Isomeric States to Probe the Limits of Nuclear Binding
EP/C015266/1	University of Liverpool	Probing the limit of nuclear existence for heavy proton rich nuclei
EP/C015371/1	CCLRC	Probing the limit of nuclear existence for heavy proton rich nuclei
EP/C015703/1	University of Surrey	Probing the limit of nuclear existence for heavy proton rich nuclei
EP/C500172/1	University of York	Nuclear Astrophysics with Gammasphere and REX-ISOLDE
EP/C511018/1	University of Birmingham	The study of quark deconfined matter in high energy nuclear collisions
EP/C511425/1	University of Paisley	Exploring the Changing Shell Structure of Nuclei
EP/C515714/1	University of York	Structure of exotic medium-heavy N-Z proton rich nuclei
EP/C51646X/1	CCLRC	Exploring the Changing Shell Structure of Nuclei
EP/C516478/1	The University of Manchester	Exploring the Changing Shell Structure of Nuclei
EP/C517954/1	University of York	Key nuclear reactions for the destruction of nuclear observables in a nova environment
EP/C520521/1	University of Surrey	Structure of Quantum Many-body Systems at High Spin
EP/C543165/1	University of Liverpool	The physics of proton excess in nuclear structure
EP/C54840X/1	University of Paisley	Structural Evolution of Neutron-rich Nuclei

<b>Grant Reference Number</b>	<b>Holding Organisation Name</b>	<b>Grant</b>
EP/D001463/1	University of Liverpool	An Engineering and Instrumentation team to support access to international facilities for UK nuclear physics
EP/D00148X/1	CCLRC	Spectroscopy of Superheavy Nuclei: The SAGE spectrometer
EP/D001633/1	University of Edinburgh	Development and installation of a nucleon polarimetry facility at the Crystal Ball at MAMI
EP/D002257/1	University of Liverpool	Spectroscopy of Superheavy Nuclei: The SAGE spectrometer
EP/D003628/1	University of Surrey	Decay Studies of Exotic Heavy Nuclei with RISING at the GSI Fragment Separator
EP/D032288/1	University of Edinburgh	Determination of Key Nuclear Reaction Rates Governing $^{44}\text{Ti}$ Production in Core Collapse Supernovae
EP/D035163/1	University of York	Nuclear structure studies of radioactive nuclei via Coulomb excitation reactions with a large acceptance Bragg detector at an ISOL facility
EP/D05043X/1	University of Brighton	Microsecond isomers in Sb-121 and Sb-123
EP/D05141X/1	The University of Manchester	The Nuclear Structure of Exotic Fission Fragments
EP/D060575/1	University of York	Nuclear structure and nuclear astrophysics at the ISAC-II facility
GR/S19318/01	CCLRC	Nuclear Molecules and Exotic Clusters
GR/S19325/01	University of Surrey	Nuclear Molecules and Exotic Clusters
GR/S19332/01	University of Birmingham	Nuclear Molecules and Exotic Clusters
GR/S66893/01	University of Liverpool	Studies of light weakly-bound neutron-rich nuclei by nucleon-knockout reactions
GR/S69160/01	University of Edinburgh	Explosive Stellar Burning Reactions of Proton-Rich Nuclei
GR/S72498/01	University of Liverpool	AGATA the ultimate gamma-ray spectrometer
GR/S72504/01	CCLRC	AGATA the ultimate gamma-ray spectrometer
GR/S80219/01	University of Liverpool	Studies of neutron-deficient nuclei utilising the EXOGAM gamma-ray spectrometer
GR/T08692/01	University of Glasgow	Study of Nuclear & Hadron Structure with Leptonic Probes
GR/T08708/01	University of Edinburgh	Study of Nuclear & Hadron Structure with Leptonic Probes
GR/T18486/01	University of York	Exotic Isospin Studies using Fragmentation Reactions
GR/T18493/01	CCLRC	Exotic Isospin Studies using Fragmentation Reactions

## PART II

### Full Economic Cost Research Grants

<b>Grant Reference Number</b>	<b>Holding Organisation Name</b>	<b>Grant</b>
EP/D075769/1	The University of Manchester	Laser Spectroscopy of Radioactive Isotopes
EP/D076439/1	University of Birmingham	Laser Spectroscopy of Radioactive Isotopes
EP/D077133/1	University of Surrey	Laser Spectroscopy of Radioactive Isotopes
EP/E001734/1	University of Edinburgh	Decay Spectroscopy of Exotic Nuclei at FAIR
EP/E002234/1	CCLRC	Decay Spectroscopy of Exotic Nuclei at FAIR
EP/E004385/1	University of Liverpool	Decay Spectroscopy of Exotic Nuclei at FAIR
EP/E006302/1	University of Birmingham	Exotic clusters accessed via resonant scattering
EP/E009131/1	University of Birmingham	Support for young researchers in attending the international cluster conference – Cluster'07
EP/E031692/1	The University of Manchester	New – Nuclear Physics
EP/E033652/1	University of Glasgow	New – Nuclear Physics
EP/E036627/1	University of Surrey	New – Nuclear Physics

## PART III

### Fellows

<b>Grant Reference Number</b>	<b>Holding Organisation Name</b>	<b>Grant</b>
EP/C543157/1	University of Liverpool	The physics of proton excess in nuclear structure
EP/D072018/1	University of Surrey	Relativistic energy fragmentation in nuclear structure studies
GR/R75526/01	University of York	Insights into nuclear molecules and exotic nuclear shapes from heavy ion radiative capture
GR/R75557/01	University of Surrey	Study of dynamical nuclear rotations at high spin: wobbling motion of chiral rotations
GR/S50175/01	University of Edinburgh	The investigation of matter from the scale of nucleons to nuclei with electromagnetic probes.
GR/S54432/01	University of Southampton	Matter under extreme conditions
GR/S99433/01	University of Surrey	Probing Hadronic Physics via Photo-nuclear Reactions

## EXPLANATORY NOTE

*(This note is not part of the Order)*

The Science and Technology Facilities Council (“STFC”) is established as a Research Council under the Science and Technology Act 1965 by virtue of the Science and Technology Facilities Council Order 2007 (S.I. 2007/279) with effect from 1 April 2007. STFC will be required, by virtue of directions from the Secretary of State for Trade and Industry given under section 3(6) of the Act, to take over, from 1 April 2007, the responsibilities carried out immediately before that date by the Council for the Central Laboratory of the Research Councils (“CCLRC”) and the Particle Physics and Astronomy Research Council (“PPARC”), as well as certain responsibilities of the Engineering and Physical Sciences Research Council (“EPSRC”) relating to support for research into nuclear physics.

This Order makes provision for the transfer to STFC of:

- (a) all property, rights, liabilities and obligations held, acquired or incurred in connection with the carrying on of activities by CCLRC and PPARC; and
- (b) certain rights, liabilities and obligations acquired or incurred in connection with the carrying on of activities by EPSRC.

In most cases, these transfers will be effected on 1 April 2007 by virtue of the Order itself (see Articles 3 and 9). However, in some cases, legal requirements will make it necessary either to go through additional formalities (such as registration of title to registered land held by CCLRC or PPARC in England and Wales) or to execute a separate instrument of transfer (such as an assignment of CCLRC or PPARC’s rights under agreements made under foreign laws which do not recognise the effectiveness of the Order to transfer those rights). These cases are provided for in Article 4. The Schedules list, and Article 5(1)(f) and (g) describes, particular property, rights, liabilities and obligations transferred, or to be transferred, to STFC. However, Article 5(2) provides that no property, right, liability or obligation of CCLRC or PPARC shall not be transferred to STFC merely because it is not specified, or is not of a description specified, in the Order.

Provision is also made, in Articles 6 and 7, for existing and former employees of CCLRC and PPARC to have continuity of pension provision following the transfer of their employment to STFC. This applies in particular to provision made under the United Kingdom Atomic Energy Authority and Research Councils pension schemes.



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