STATUTORY INSTRUMENTS

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 |

The Secretary of State, in exercise of the powers conferred by section 3(6) and (7) of the Science and Technology Act 1965(1), 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.

^{(1) 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).

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—
 - (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(2); 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.

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.

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

8th March 2007

SCHEDULE 1

Land and property of PPARC outside the United Kingdom

PART I

Properties in Hawaii

| Property | | Address |
|--|--|--|
| Base facility land | | |
| Base facility building | land leased under the terms | Contact: |
| JCMT telescope land – sub lease H 09175 JCMT telescope Building | the State of Hawaii and the | Joint Astronomy Centre, 660 North A'ohoku Place, University Park, Hilo |
| UKIRT telescope land – sub lease dated 21.9.78 UKIRT telescope building | University of Hawaii dated 21.6.68 | |

PART II

Properties in Australia

| Property | Address |
|----------|---|
| | Co Gowen, Parish of Woorut and Co Baradine, Parish of Wheoh, Siding Spring Mountain, near Coonabarabran. |

PART III

Properties in La Palma, Canary Islands

| Observatory property | Address |
|--|------------------------------------|
| 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 | Roque de los Muchachos Observatory |
| Remote condenser housing | |

| Observatory property | Address |
|--------------------------------|---|
| INT 2.5m telescope | |
| building | |
| WHT 4.2m telescope | |
| building | |
| Cooling plant housing | |
| Generator house complex | |
| Garage | |
| Sea level office (rented) | Edificio Mayantigo, Calle Alvarez de Abreu 68, Santa Cruz de L Palma |
| Residential property | |
| House 1 (freehold) | Flat 74, Avenida el Puente 48A, Edificio Tinabana, Santa Cruz de L 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 IINo. 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 Cru 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 L 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 ^a (rented) | Garage, Calle San José 30, Santa Cruz de La Palma |

| Observatory property | Address |
|-----------------------------|---|
| 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 3ª, 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

| Title | | Country / Scope of Rights | <i>Application</i> Date | <i>Application</i> Number (if known) | Grant Date (if known) | Grant Number (if known) |
|-------------------------|-----|---------------------------------|----------------------------|--|-----------------------------|-------------------------------|
| Camera System SURCIS | n – | France | 24/10/1997 | 9713349 | 15/12/2000 | 9713349 |

| Title | Country / Scope of | Application | Application | Grant Date (if | Grant Number (if |
|---------------------------------------|-----------------------|-------------|----------------------|-------------------|---------------------|
| | Rights | Date | Number (if known) | known) | known) |
| 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/ GB2005/00475 | 9 | |
| Circular Dichroism (Multiwave CD) | European | 30/01/2004 | 4706729.3 | | |
| Circular Dichroism (Multiwave CD) | Japan | 30/01/2004 | 2004-502214 | | |
| Circular Dichroism (Multiwave CD) | USA | 30/01/2004 | 10/543803 | | |
| Cryostat | Worldwide | 30/07/2004 | PCT/ GB04/003303 | | |
| 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/ GB2006/00146 | 2 | |
| FAPS | European | 24/10/2003 | 3769651.5 | | |
| FAPS | USA | 24/10/2003 | 10/532425 | | |

| Title | Country / Scope of | Application | Application | Grant | Grant |
|--|-----------------------|-------------|----------------------|--------------------|----------------------|
| | • | Date | Number (if known) | Date (if known) | Number (if known) |
| 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 Isotrope 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 |
| Lipoprotein Assay | Japan | 17/01/2001 | 2001-554066 | 18/02/2005 | 3647810 |
| Lipoprotein Assay | USA | 17/01/2001 | 10/181365 | | |

| Title | Country / Scope of Rights | <i>Application</i> Date | <i>Application</i> Number (if known) | Grant Date (if known) | Grant Number (i known) |
|---|---------------------------------|----------------------------|--|-----------------------------|------------------------------|
| Lipoprotein Assay – 1 of 4 Patents | Worldwide | 12/12/2005 | PCT/ GB2005/00479 | 94 | |
| 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/ GB2006/00215 | 9 | |
| 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 | | |

| Title | Country / | Application | Application | Grant | Grant |
|--|--------------------|-------------|----------------------|--------------------|---------------------|
| | Scope of Rights | Date | Number (if known) | Date (if known) | Number (i known) |
| Multi-Teddi 3-D X- RAY Imaging | Japan | 04/12/2003 | 2005-500165 | | |
| Multi-Teddi 3-D X- RAY Imaging | USA | 04/12/2003 | 10/558699 | | |
| MWPC-Radiation Detector (XDTD) | Worldwide | 24/03/2006 | PCT/ GB2006/00110 | 0 | |
| 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/ GB2005/00217 | 5 | |
| 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 | | | |

| Title | Country / Scope of Rights | <i>Application</i> Date | <i>Application</i> Number (if known) | Grant Date (if known) | Grant Number (if known) |
|--|---------------------------------|----------------------------|--|-----------------------------|-------------------------------|
| 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/ GB2005/00289 | 7 | |
| 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 Feedback Sensor | Worldwide | 25/07/2005 | GB2005/00291 | 7 | |
| 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/ GB2005/00430 | 2 | |
| 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/ GB2005/00137 | 7 | |

| Title | Country / Scope of | Application | Application | Grant Date (if | Grant Number (if |
|--|-----------------------|-------------|----------------------|-------------------|---------------------|
| | Rights | Date | Number (if known) | known) | known) |
| SORS In Vivo | Worldwide | 25/11/2005 | PCT/ GB2005/00452 | 9 | |
| Spatially-Offset Raman Spectroscopy (SORS) | Worldwide | 25/11/2005 | PCT/ GB2005/00453 | 5 | |
| 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 | | |
| 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 |

| Title | Country / Scope of Rights | <i>Application</i> Date | <i>Application</i> Number (if known) | Grant Date (if known) | Grant Number (if known) |
|---|---------------------------------|--------------------------------|--|-----------------------------|-------------------------------|
| 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/ GB05/003071 | | |
| 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 | | |
| TimeResolvingMicroscope&ChemicalSpecificityMicroscope | Worldwide | 06/06/2005 | PCT/ GB2005/00224 | 0 | |
| 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/ GB2005/00475 | 7 | |

PART II

Patents held or applied for by PPARC

| Title | Country | <i>Application</i> Date | Application Number (if known) | Grant Date (if known) | Grant Number (if known) |
|--------------------------|-----------|----------------------------|-------------------------------------|-----------------------------|-------------------------------|
| Pick and Place System | Worldwide | 30/05/2005 | PCT/ GB2006/00242 | 6 | |
| | | 15 | | | |

| Title | Country | <i>Application</i> Date | Application Number (if known) | Grant Date (if known) | Grant Number (if known) |
|---------------------|-----------|----------------------------|-------------------------------------|-----------------------------|-------------------------------|
| 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

| Contract | Other Parties | Title | Start | Stated End |
|----------|--|---|----------|------------|
| Number | | | Date | Date |
| 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 |
| 03-0012 | Commission of the European Communities | Novel Millimetre Wave Focal Plane Heterodyne Array for Radio Astronomy | 01/01/04 | 31/12/09 |

| Contract | Other Parties | Title | Start | Stated End |
|----------|--|--|----------|------------|
| Number | | | Date | Date |
| 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 | | 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 |

| Contract | Other Parties | Title | Start | Stated End |
|-----------------------|--|---|----------|------------|
| Number | | | Date | Date |
| 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) | AttendCOST296meetingsandworkshops | 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 | 01/01/05 | 31/12/07 |

| Contract | Other Parties | Title | Start | Stated End |
|----------|---------------------------------------|---|----------|------------|
| Number | | | Date | Date |
| | | Global TeV Linear Collider | | |
| 04-5022 | Commission of the Euro Communities | opean EUROFEL – European Development of Critical Technology for Short Wavelength Free-Electron Lasers | 01/01/05 | 31/12/07 |
| 02-5059 | Commission of the Euro Communities | opean IA-SFS – Integrating Activity on Synchrotron Radiation and Free- Electron Laser Science | 01/07/04 | 31/03/09 |
| 02-5060 | Commission of the Euro Communities | opean BIOXHIT – Biocrystallography (X) on an Integrated Technology Platform for Euro Structure Genomics | 01/01/04 | 31/12/07 |
| 02-5072 | Commission of the Euro Communities | ropean MAX-INF2 – European Macromolecular Crystallography: Infrastructure Network | 01/12/04 | 30/11/09 |
| 03-0032 | Commission of the Euro Communities | opean LASERLAB- EUROP | 01/01/04 | 31/12/07 |
| 03-0131 | Commission of the Euro Communities | ropean 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 Euro Communities | opean MOTIIVE – Marine Overlays on Topography for Annex-2 Valuation and Exploitation | 01/08/05 | 31/07/07 |

| Contract | Other Parties | Title | Start | Stated End |
|----------|--|---|----------|------------|
| Number | | | Date | Date |
| 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 |
| 02-9000 | Chinese Spallation Neutron Source of the Chinese Academy of Sciences | | 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 |

| Contract | Other Parties | Title | Start | Stated End |
|----------|---|---|----------|------------|
| Number | | | Date | Date |
| 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 |
| 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 | e | 23/03/05 | 22/03/10 |
| 98-8001 | IMEC – Interuniversitair Microelectronica Centrum vzw | NDA:AlcatelMicroelectronics0.35umCMOSTechnology(Documentation,MagneticTapes,Disk and CD-ROM) | 29/06/99 | 28/06/09 |

| Contract | Other Parties | Title | Start | Stated End |
|---------------|---|--|----------|------------|
| Number | | | Date | Date |
| 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 |
| HSH2006 03 | Philips Electronics Nederland B.V. (Handshake Solutions) | Electronic Design Automation tools | 23/03/06 | Ongoing |
| SYY2003 02 | Synchronicity Software Inc | Electronic Design Automation tools | 14/02/03 | Ongoing |

PART II

PPARC Agreements

| Contracts/ Reference Number | Original parties other than PPARC (but including bodies from which PPARC derives rights) | Title/Description | Start Date (if known) | Stated end Date (if known) |
|-----------------------------------|---|--|-----------------------------|----------------------------------|
| 1596 | Waterloo | Scuba 2 Submillimetre Common User Bolometer Array | 9/05/03 | Completion |

| Contracts/ Reference Number | Original parties other than PPARC (but including bodies from which PPARC derives rights) | Title/Description | Start Date (if known) | Stated end Date (if known) |
|-----------------------------------|---|--|-----------------------------|---------------------------------------|
| 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 |
| 1695 | Pierre Auger Observatory – Comisión Nacional de Energia 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 |

| Contracts/ | Original parties other than | Title/Description | Start | Stated end |
|---------------------|---|--|--------------------|---------------------------------------|
| Reference Number | PPARC (but including bodies from which PPARC derives rights) | | Date (if known) | Date (if known) |
| 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 fur Extraterrestrische Physik, Universitäts-Sternwarte Munchen | 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 |
| 1746 | Consiglio Nazionale delle Ricerche, Max-Planck-Institut fur Radioastronomie, Instituto Geografico Nacional, Swedish National Facility for Radio Astronomy, Nederlandse Organisatie voor Wetenschappelijk Onderzoek | Collaboration of National Radio | 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 |

| Contracts/ Reference Number | Original parties other than PPARC (but including bodies from which PPARC derives rights) | Title/Description | Start Date (if known) | Stated end Date (if known) |
|-----------------------------------|---|--|-----------------------------|--------------------------------------|
| 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 Alcala – 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 |
| 1761 | of Radiowave Propagation, | Radar Facilities at High Latitudes | 01/01/07 | Until terminated b signatories |

| Contracts/ Reference Number | Original parties other than PPARC (but including bodies from which PPARC derives rights) | Title/Description | Start Date (if known) | Stated end Date (if known) |
|-----------------------------------|--|--|-----------------------------|----------------------------------|
| | University, Suomen Akatemia & Vetenskapsradet | | | |
| 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, Universita 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 Internacional de Mètodes Numèrics En Enginyeria, Stichting Astronomisch Onderzoek In Nederland, University of Durham, University of New South Wales, Lunds Universitet, Istituto Nazionale di Astrofísica, Universitat Politecnica de Catalunya, Université de Nice, Max- Planck-Society for the Advancement of Science, Represented by The "Institut für Astronomie" and Others | | 01/01/05 | 30/11/08 |
| 1904 | ESF Expert Committee on | Committee on Radio | 07/04/05 | 06/04/10 |

| Contracts/ Reference Number | Original parties other than PPARC (but including bodies from which PPARC derives rights) | Title/Description | Start Date (if known) | Stated end Date (if known) |
|-----------------------------------|---|---|-----------------------------|----------------------------------|
| | | Frequencies Agreement | | |
| 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 fur Luft-und Raumfahrt EV, Ministerio de Educación y Ciencia, Space Research Organisation of the Netherlands | | 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, Instituto 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 |

| Contracts/ Reference Number | Original parties other than PPARC (but including bodies from which PPARC derives rights) | Title/Description | Start Date (if known) | Stated end Date (if known) |
|-----------------------------------|--|--|-----------------------------|----------------------------------|
| 2024 | Universities Space Research Association, UK ATC | Analysis and Modelling Work in Support of PRVS Design Study | 01/04/06 | 31/10/06 |
| 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 Učeni 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 /0430 | 04emini, 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 | Agreementonconstructionandoperationof8m | | |

| Contracts/ Reference Number | Original parties other than PPARC (but including bodies from which PPARC derives rights) | Title/Description telescopes - the Gemini facilities | Start Date (if known) | Stated end Date (if known) |
|-----------------------------------|--|---|-----------------------------|----------------------------------|
| 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 | | |
| 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 fur Bildung und Forschung, Commissariat a l'Energie Atomique, Organisation Européenne pour la Recherche Nucléaire, Fundação para a Ciencia e a Tecnologia, Fonds National de la Recherche Scientifique, Stiching voor Fundamenteel Onderzoek der Materie, Fonds voor Wetenschappelijik 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, Vetenskapsradet (Swedish Research Council) | Integrating and strengthening the European Research | 01/04/06 | 31/08/09 |

| Contracts/ Reference Number | Original parties other than PPARC (but including bodies from which PPARC derives rights) | Title/Description | Start Date (if known) | Stated end Date (if known) |
|-----------------------------------|--|---|-----------------------------|----------------------------------|
| 121 | CNRS-Institut National des Sciences de l'Univers (Insu), Nordic Optical Telescope Scientific Association, Instituto Nazionale di Astrofísica , 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 |
| 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 |
| 12 | 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.AING | Car Maintenance | 01/08/06 | 31/07/07 |

| Contracts/ Reference Number | Original parties other than PPARC (but including bodies from which PPARC derives rights) | Title/Description | Start Date (if known) | Stated end Date (if known) |
|-----------------------------------|---|--|-----------------------------|----------------------------------|
| 15 | Limpalma, S.LING | 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.AING | 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 |
| | 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 | | |

| Contracts/ Reference Number | Original parties other than PPARC (but including bodies from which PPARC derives rights) | Title/Description | Start Date (if known) | Stated end Date (if known) |
|-----------------------------------|---|--|-----------------------------|----------------------------------|
| | 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 | AgreementonCollaborationinMillimetre-WaveRadio 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 | | 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

| Grant Reference | Holding Organisation | Grant |
|-----------------|---------------------------------|--|
| Number | Name | |
| 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 |

| Grant Reference | Holding Organisation | Grant |
|-----------------|------------------------------|---|
| Number | Name | |
| 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 MAM |
| EP/D002257/1 | University of Liverpool | Spectroscopy of Superheavy Nuclei: The SAGI 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 Rate Governing 44Ti Production in Core Collaps Supernovae |
| EP/D035163/1 | University of York | Nuclear structure studies of radioactive nucle via Coulomb excitation reactions with a larg 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 th 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-ric 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 th EXOGAM gamma-ray spectrometer |
| GR/T08692/01 | University of Glasgow | Study of Nuclear & Hadron Structure wit Leptonic Probes |
| GR/T08708/01 | University of Edinburgh | Study of Nuclear & Hadron Structure wit Leptonic Probes |

| Grant Reference | Holding Organisation | Grant |
|-----------------|----------------------|--|
| Number | Name | |
| 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

| Grant Reference | Holding Organisation | Grant |
|-----------------|---------------------------------|--|
| Number | Name | |
| 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

| Grant Reference | Holding Organisation | Grant |
|-----------------|-------------------------|--|
| Number | Name | |
| 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 |

| Grant Reference | Holding Organisation | Grant |
|-----------------|------------------------------|---|
| Number | Name | |
| 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.