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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 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	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 für 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

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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
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 and Funding	2002	2010

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		Ownership after 30 June 2010		
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,	Radionet Agreement	01/01/07	31/12/08

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	European Organisation for Astronomical Research in the Southern Hemisphere, Nationaal Instituut voor Ruimteonderzoek, Max Planck Institute for Radioastronomy, Institut de Radioastronomie Millimétrique and Others			
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 Ingénieria,	ELT	01/01/05	30/11/08

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	Stichting Astronomisch Onderzoek In Nederland, University of Durham, University of New South Wales, Lunds Universitet, Istituto Nazionale di Astrofisica, Universitat Politecnica de Catalunya, Université de Nice, Max-Planck-Society for the Advancement of Science, Represented by The “Institut für Astronomie” and Others			
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

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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
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

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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		
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'Énergie 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	ASPERA - Integrating and strengthening the European Research Area - co-ordination Action	01/04/06	31/08/09

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	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, Vetenskapsradet (Swedish Research Council)			
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
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

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	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
	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

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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