

PARKES

96APRT

ATNF - OBSERVING SCHEDULE

Ident.	Surname		Title of proposal	Observing Date/s
P079	<u>Deshpande</u> McCulloch McConnell Wilson	AA* PM D* W*	21 cm Observations of Southern Pulsars	25 Jun
P116	<u>Johnston</u> Esplin Manchester Lyne Nicastro	S* P* Hons R? A? L?	Further Observations of PSR B1259-63	10 Jun
P136	<u>Navarro</u> Manchester Sandhu	J* R* J* PhD	Polarimetry of millisecond pulsars	7 Jul
P140	<u>Bailes</u> Manchester D'Amico Kaspi Lyne	M* R* N? V? A?	Precision pulsar timing	16 Apr; 10 May; 7 Jun; 2,31Jul
P148	<u>Saunders</u> Staveley-Smith Bottinelli Mobasher Tully	W* L? L? B* B	A uniform, all-sky peculiar velocity survey of IRAS galaxies	2 May
P151	<u>Lundgren</u> Cordes Lyne Camilo Foster	S* J* A* F* R	A pulsar search targetted towards high energy sources	10 Jul
P165	<u>Goss</u> Green Dubner Bock Price	WM? A* G? D* RM*	HI study of the Vela SNR and its environment	21 May
P167	<u>Bourke</u> Myers Robinson Hyland	T* PhD P* G* H*	OH Zeeman Measurements of Southern Molecular Clouds	24 May
P187	<u>Roy</u> Norris Heisler Sinclair Gough	A* R* C* M* R*	Molecular Tori in Seyfert galaxies	23 Jul
P199	<u>Braatz</u> Wilson Gough Sinclair	J A R* M*	Probing accretion disk dynamics in AGN	26 Jul

The Principal Investigator for each proposal is underlined
* denotes author present at site during observations.

Ident.	Surname		Title of proposal	Observing Date/s
P201	<u>Kunth</u> Cote	D S *	Detecting Poxy Galaxies	29 Apr
P206	<u>Kesteven</u> Graves Calabretta	M* G* M*	12 GHz Holography	28 Jun
P207	<u>Kesteven</u> Graves Calabretta	M* G* M*	4 GHz Holography	30 Jun
P209	<u>Ogley</u> Bell Burnell Newell Richards Fender	R* PhD S S A R	H ₂ O maser detection around GRO J1655-40	25 Jul
P211	<u>Ables</u> McConnell Deshpande	J* D* A	Polarimetric measurements of pulsar microstructure	3 Jun
P212	<u>Johnston</u> Gupta Nicastro Koribalski	S* YL? B*	Interstellar scintillation studies of radio pulsars	13 Jun; 29 Jul
P214	<u>Erickson</u> McConnell Anantharamaiah Payne	W* D* K? H?	Low-frequency carbon recombination lines	19 Apr
P216	<u>Wilkinson</u> Oosterloo	A* T*	HI observations of shell galaxies	20 Jul
P218	<u>Lovell</u> McCulloch Reynolds Jauncey Tzioumis	J* PhD P J* D* A	A search for absorption features in the radio spectrum of the gravitational lens PKS 1830-211	25 Apr
P220	<u>Toscano</u> Bailes Wietfeldt Reynolds Manchester	M* PhD M* R J* R*	S2 observations of pulsars	27 Apr
P221	<u>Young</u> Manchester	M* PhD R*	Nonlinear dynamics of drifting subpulses	22 Apr

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AUSTRALIA TELESCOPE: PARKES OBSERVATORY

P O BOX 276 PARKES. NSW 2870 Tel (068) 611700 FAX: (068) 611730 E-Mail: parkes@atnf.csiro.au

OBSERVING SCHEDULE FOR 1996 APRIL TERM

1. DURATION

The term starts at 0800 hrs on Monday 1st April 1996 and ends 0800 hrs on Thursday 1st August 1996 times listed are in Eastern Civil Time (i.e. either Standard Time or Summer Time as appropriate).

NOTE

Galileo tests are scheduled on Tuesdays and Thursdays from approximately 14^h to 24^h LST. However these tests might occur on any day and at fairly short notice.

The telescope is still in recommissioning phase during this observing period. Although we will endeavour to have the telescope operational for all scheduled observations, this still is a shared risk period.

**CLOSING DATE FOR APPLICATIONS FOR TIME
FOR AUGUST TERM 1996
JUNE 1ST 1996**

2. DAILY OBSERVING PERIODS AND DIRECTORS TIME

On weekdays, observing time is allocated from 1600 hrs until 0800 hrs the following morning. Observing time on week-ends and public holidays runs from 0800 hrs until 0800 hrs the following morning. These times may be varied according to the needs of the Observatory as determined by the Director.

All time outside the daily observing periods is assigned to the Director. Observers will not be able to observe during the time assigned to the Director and must be prepared to relinquish use of the equipment promptly at the end of the scheduled periods. Observers may apply to the Director to use day time periods after they have arrived at the Observatory.

3. TELESCOPE OPERATION

Whenever the telescope is not stowed a qualified telescope operator must be present in the control room and, in addition, at least one other person must be present on site and available to be contacted by the emergency backup telephone.

4. WIND RESTRICTIONS

Instructions for the operation of the telescope in wind are displayed in the control room. The telescope operator is the person responsible for any action to be taken. No one may override an automatic wind-stow operation initiated by the computer except in any emergency situation as determined by the telescope operator on duty.

5. ACCOMMODATION

Accommodation at the Quarters is usually available from the night before an observing session starts until the day following the end of observations.

Any CSIRO person whose name is not listed on the program must first obtain permission from their Group Leader before making arrangements. Other observers and intending casual visitors should contact the Observatory Director first. ALL OBSERVERS AND VISITORS MUST ENSURE THAT THE OBSERVATORY IS INFORMED OF THEIR PROPOSED ARRIVAL AND DEPARTURE TIME.

6. MEAL TIMES

Breakfast: (Self-Service from our Breakfast Bar each day)

Lunch: 1230

Dinner: 1745

Please book your meals by writing your name in the book in the dining room.

7. LIASON WITH OBSERVATORY STAFF

The "underlined" observer is that person designated by the observing group as the official contact with observatory staff regarding technical matters, driving requirements etc.

8. VLBI/PTI TIME

Any team granted VLBI/PTI time will need to arrange their own operators for Tidbinbilla and Parkes.

9. FAULT REPORTING

A single fault reporting system has been introduced at the Observatory. Observers should enter any fault or occurrence which has resulted in lost observing time, along with the amount of time lost, into the fault diary located in the control room.

LIST OF INSTITUTIONS

AAO	Anglo Australian Observatory	JPL	Jet Propulsion Labs
AMES	AMES Research Centre	KI	Kapteyn Institute
ASC	Astro Space Centre Russia	MU	Macquarie University
AR	Arecibo Observatory	MO	Meudon Observatory
ADFA	Australian Defence Force Academy	MPI	Max Plank Institute
ATNF	Australia Telescope National Facility	MIN	Minnesota
BOL	Bologna	MSSSO	Mt. Stromlo and Siding Springs Observatory
BOS	Boston University	NASAG	NASA Goddard
CAL	Caltech	NCRA	NCRA - TIFR, Pune India
CfA	CfA, Cambridge	NAO	National Astronomy Observatory (Japan)
CRL	Communications Research Labs	NRL	Naval Research Labs
COR	Cornell University	NFRA	Netherlands Foundation for Research in Astronomy
CU	Curtin University	NRAO	National Radio Astronomy Observatory
DRAO	Dominion Radio Astrophysical Observatory	NROBS	Noreyamar Radio Observatory
FE	Fermilab Chicago	NWU	Northwestern University
HR	Hart RAO	ObColl	Oberlin College, USA
HS	Harvard -Smithsonian Centre for Astrophysics	OdeHP	Observatoire de Haute Provence
HO	Helsinki Observatory	OdeL	Observatoire de Lyon
HIA	HIA-NCR, Canada	OdeM	Observatoire de Marseille
IAFE	IAFE Buenos Aires	OdeP	Observatoire de Paris-Meudon
ImC	Imperial College	OABM	Observatorio Astonomico de Brere, Milano
IAdeP	Institute D'Astrophysics de Paris	OpU	Open University Milton Keynes UK
IS&TS	Institute of Space and Terrestrial Sciences Canada	OSO	Onsala Space Observatory
IL	University of Illinois	OXU	Oxford University
IPAC	Infrared Processing & Analysis Center	PU	Princeton University
JB	Jodrell Bank	PSU	Pennsylvania State University
JHU	John Hopkings University Baltimore	QU	Queens University Belfast

RRI Raman Research Institute
ROE Royal Observatory Edinburgh
RP CSIRO Division of Radiophysics
SETI SETI Institute
ShU Sheffield University
SCU Southern Cross University
S.T.Sc.I. Space Telescope Science Institute
SO Shanghai Observatory
SOAz Steward Observatory, U of Arizona
SBU Stony Brook University
SU Sydney University
UA University of Adelaide
UB University of Basel
UCSB UC Santa Barbara
U BONN University of Bonn
UCGY University of Calgary
UCAL University of California
UCT University of Cape Town
UCHIL University of Chile
UdeC University de Cantabria
UdeEd University of Edinburgh
UofG University of Gronigen
UofH University of Hawaii
UofMad University of Madrid
UMA University of Maryland
UMELB University of Melbourne
UMIN University of Minnesota
UM University of Montreal
UNSW University of New South Wales
UNM University of New Mexico

UofQ University of Queensland
UofSx University of Sussex
U TAS University of Tasmania
UTOR University of Toronto
U WASH University of Washington
UWOL University of Wollongong
UP University of Palermo
UWA University of Western Australia
UWS University of Western Sydney
USNO US Naval Observatory

Special Notice
Accommodation Bookings

An E-Mail address has been set up for the Parkes Office,
it is:

parkes@atnf.csiro.au

Non CSIRO-RP/ATNF Astronomers may find it convenient to book their accommodation by E-Mail to this address. CSIRO-RP/ATNF staff should continue to make their travel and accommodation arrangements in the usual way.

Date	Project	λ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
APR Mon 01 to Sun 14	MAINTENANCE SHUTDOWN						
Mon 15	Translator Tests						
Tue 16 to Thu 18	P140(1) Precision Pulsar Timing Bailes Manchester (ATNF) D'Amico(BOL) Lyne(JB) Navarro Kulkarni Sandhu (CAL) Bell(MSSSO)	70 50 20	0.43 0.66 1.50	Dual 20/70 50cm Disk	Pulsar Caltech Timing Mach.		
Fri 19 to Sun 21	P214 Low Frequency Carbon Recombination Lines Erickson (U TAS) McConnell(ATNF) Anantharamaiah(RRI) Payne(STScI)	70	0.43		Correlator 8Mhz	SPECTRA	
Mon 22 to Wed 24	P221 Nonlinear Dynamics of Drifting Subpulses Young (UWA) Manchester(ATNF)	70 50	0.43 0.66		Filter Bank		

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Date	Project	λ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
APR	P218	50	0.66		Correlator		
	A Search for Absorption Features in the Radio Spectrum of the Gravitational Lens PKS 1830-211	20	1.50		4Mhz	SPECTRA	
Thu 25	<u>Lovell</u> McCulloch(U TAS)	13	2.30				
Fri 26	Reynolds Jauncey Tzioumis Sinclair(ATNF)	6	4.80				
Sat 27	P220	70	0.43		S2 recorder		
Sun 28	S2 Observations of Pulsars	50	0.66		Caltech Timing Mach.		
	<u>Toscano</u> M Bailes(UMelb)	20	1.50				
	Weitfeldt (IS&TS) Reynolds Manchester(ATNF)						
	Strinebring(ObColl)						
	Stappers(MSSSO)						
Mon 29	P201	21	1.4	H-OH	Correlator		
Tue 30	Detecting Poxo Galaxies				4 Mhz	SPECTRA	
	<u>Kunth</u> (IAdeP) Cote(ESO)					SPOT	
MAY							
Wed 01							
Thu 02	P148	21	1.4	H-OH	Correlator		
to	A Uniform, All-sky Peculiar Velocity Survey of IRAS Galaxies				32Mhz	SLAP	
Thu 09	<u>Saunders</u> (UofEd) Staveley-Smith(ATNF)Bottinelli(OdeP)						
	Mobasher(ImC) Tully(UofH)						
	Maddox(RGO)						

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Date	Project	λ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
MAY	P140(2) Precision Pulsar Timing Bailes Manchester (ATNF) D'Amico(BOL) Lyne(JB) Navarro Kulkarni Sandhu (CAL) Bell(MSSSO)	70 50 20	0.43 0.66 1.50	Dual 20/70 50cm Disk	Pulsar Caltech Timing Mach.		
Fri 10 Sat 11 Sun 12							
Mon 13 to Fri 17	Installation Parkes and Epping Staff			<i>FC. Fix up, mB tests Wilson Tests</i>			
Sat 18 to Mon 20	Testing Parkes and Epping Staff			<i>PTI Sband on SAT NIGHT - PRICE Kesteven -</i>			
Tue 21 to Thu 23	P165 HI Study of the Vela SNR and its Environment Goss (NRAO) Green Bock(SU) Dubner (IAFE) Price (ATNF)	21	1.4	H-OH	Correlator 4Mhz	SPECTRA	<i>Euan Mon night Gal 11 pm x band</i>
Fri 24 to Fri 31	P167 OH Zeeman Measurements of Southern Molecular Clouds Bourke Myers(CfA) Robinson (ADFA) Hyland (SCU)	20	1.67	H-OH	Correlator 4MHz	SPOT SPECTRA SPC	
JUN Sat 01 Sun 02	PTI	<i>Galileo</i>				<i>PTI</i>	

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Date	Project	λ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
JUN Mon 03 to Thu 06	P211 Polarimetric Measurements of Pulsar Microstructure Ables (RP) McConnell(ATNF) Deshpande(RRI)	70	0.43		Own		
Fri 07 to Sun 09	P140(3) Precision Pulsar Timing Bailes Manchester (ATNF) D'Amico(BOL) Lyne(JB) Navarro Kulkarni Sandhu (CAL) Bell(MSSSO)	70 50 20	0.43 0.66 1.50	Dual 20/70 50cm Disk	Pulsar Caltech Timing Mach.		
Mon 10 to Wed 12	P116 Further Observations of PSR B1259-63 Johnston Esplin(SU) Manchester(ATNF) Lyne(JB) Nicastro(BOL) Stinebring(ObColl)	20 13 6 3 2.1	1.5 2.3 4.8 8.4 14		Filter Bank	SCAMP	
Thu 13 Fri 14	P212(1) Interstellar Scintillation Studies of Radio Pulsars Johnston (SU) Gupta(NCRA) Nicastro(BOL) Koribalski(ATNF)	70 50 20	0.43 0.66 1.50		Filter Bank	SCAMP	
Sat 15 to Mon 24	VLBI						

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JUN Tue 25 to Thu 27	P079 21 cm Observations of Southern Pulsars Deshpande (RRI) McConnell Wilson(ATNF) McCulloch(U TAS)	21	1.4			Correlator 4 Mhz	
Fri 28 Sat 29	P206 12 GHz Holography Kesteven Graves Calabretta(ATNF)	2.4	12			Own	
Sun 30 JUL Mon 01	P207 4Ghz Holography Kesteven Graves Calabretta(ATNF)	7.5	4			Own	
Tue 02 to Sat 06	P140(4) Precision Pulsar Timing Bailes Manchester (ATNF) D'Amico(BOL) Lyne(JB) Navarro Kulkarni Sandhu (CAL) Bell(MSSSO)	70 50 20	0.43 0.66 1.50	Dual 20/70 50cm Disk		Pulsar Caltech Timing Mach.	
Sun 07 to Tue 09	P136 Polarimetry of Millisecond Pulsars Navarro (NRAO) Manchester(ATNF) Sandhu(CAL)	70 50 20 13 6	0.43 0.66 1.50 2.30 4.80	Cavity Backed 70 cm		Pulsar Caltech Timing Mach.	
Wed 10 to Sat 13	P151 A Pulsar Search Targetted Towards High Energy Sources Lundgren Foster(NRL) Cordes(COR) Lyne Camilo(JB)	20	1.5	H_OH		Filter Bank	

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Date	Project	λ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
JUL	Pointing Parkes Staff						
Sun 14 to Tue 16							
Wed 17 to Fri 19	Installation Parkes and Epping Staff						
Sat 20 to Mon 22	P216 HI Observations of Shell Galaxies Wilkinson(JB) Oosterloo(ATNF)	20	1.4				
Tue 23 Wed 24	P187 Molecular Tori in Seyfert Galaxies Roy(NRAO) Norris Sinclair Gough(ATNF) Heisler(AAO)	1.3	23.7		Correlator 64 Mhz	SPECTRA	
Thu 25	P209 H₂O Maser Detection Around GRO J1655-40 Ogley Burnell(OpU) Newell Richards Spencer(JB) Fender(UofSx)	1.4	22		Correlator 32 MHz		

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Date	Project	λ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
JUL Fri 26 to Sun 28	P199 Probing Accretion Disk Dynamics in AGN Braatz Wilson((UMA) Gough Sinclair(ATNF)	1.4	22		Correlator 32 MHz	SPC	
Mon 29 Tue 30	P212(2) Interstellar Scintillation Studies of Radio Pulsars Johnston (SU) Gupta(NCRA) Nicastro(BOL) Koribalski(ATNF)	70 50 20	0.43 0.66 1.52			SCAMP	
Wed 31 AUG Thu 01	P140(5) Precision Pulsar Timing Bailes Manchester (ATNF) D'Amico(BOL) Lyne(JB) Navarro Kulkarni Sandhu (CAL) Bell(MSSSO)	70 50 20	0.43 0.66 1.50	Dual 20/70 50cm Disk	Pulsar Caltech Timing Mach.		

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