

# PARKES RADIOTELESCOPE - OBSERVING SCHEDULE

Ident.	Surname		Title of proposal	Start observing Date/s
P010	<u>Hyland</u> Robinson Bourke Walsh James	A * G * T * PhD A J S D *	Ammonia Observations of Bok globules	12 Feb (share with P122)
P050	<u>Bailes</u> Lyne Lorimer Robinson D'Amico	M * A D PhD C PhD N	Parkes 70cm Pulsar Survey and Timing	23 Jan 3,22 Feb 3 Mar
P102	<u>Duncan</u> Stewart Haynes Jones	A R * R T * R F * K L *	Deep Survey of Continuum Emission along the Southern Galactic Plane at centimetre wavelengths	15 Mar
P103	<u>Blank</u> Norris	D L * R P *	HI Observations of Seyferts	13 Dec
P104	<u>Erickson</u> McConnell D Anatharamiah	W C * D * H R *	Low-Frequency Carbon Recombination Lines in the Southern Galaxy	29 Mar
P112	<u>de Pater</u> Kesteven Price	I M J * M *	Comet-Jupiter Crash	25 Mar
P113	<u>Haynes</u> Duncan Jones Fagg Stewart	R F * A R * K L * H * R T	Tests of the AT-Rx Package for Polarimetry Work	6 Dec
P114	<u>van der Hulst</u> de Blok	J M * W J *	Redshifts and Masses of Early Type Low Surface Brightness Galaxies	14 Jan

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Ident.	Surname		Title of proposal	Start observing Date/s
P115	<u>Koribalski</u> Johnston Wilson Weisberg	B * S * W * J ?	HI Absorption Measurements against Bright Pulsars	27 Jan
P116	<u>Johnston</u> Bailes Manchester Lyne Nicastro	S * M * R N * A L *	Periastron Observations of the PSR1259-63/552883 System	10,20 Dec 4,21 Jan
P117	<u>Hall</u> McConnell Wieringa	P * D * M *	Pulsations from the Galactic Centre?	28 Mar
P118	<u>Deshpande</u> McConnell McCulloch Saravanan Srinivasan	AA D * P * T P PhD G	A Proposal for HI Absorption Studies towards some Southern Pulsars	1 Feb
P119	<u>Zealey</u> Coleman	W J * T * PhD	Neutral Hydrogen in Highly Disturbed Galaxies	20 Jan
P120	<u>Haynes</u> Killeen Morganti Norris Ekers	R F * N ? R ? R R	Deep Polarization Mapping of Centaurus A at 12 & 20 cm	11 Mar
P121	<u>Bosma</u> Freeman	A ? K *	21-cm HI line observations of thin edge-on galaxies	16 Dec
P122	<u>Osterberg</u> Lavezzi Weisberg Staveley-Smith Dickey	J PhD T J * L * J	Ammonia in the 30 Doradus Region	12 Feb (share with P010)
P123	<u>Caswell</u>	JL *	Parkes Study of 6035 MHz OH Masers	22 Mar

**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.**

# **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 1993 DECEMBER TERM**

### **1. DURATION**

The term starts at 0800 hrs on Wednesday December 1st 1993, and ends 0800 hrs on Wednesday April 6th 1994. All times listed are in Eastern Civil Time (i.e. either Standard Time or Summer Time as appropriate).

#### **NOTE**

**CLOSING DATE FOR APPLICATIONS FOR  
TIME  
FOR APRIL TERM 1994: JAN 31ST 1994**

### **2. DAILY OBSERVING PERIODS AND OIC TIME**

On weekdays, observing time is allocated from 1400 hrs until 0800 hrs the following morning, except on Tuesdays when observing time begins at 1600 hrs. 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 Officer-in-Charge.

All time outside the daily observing periods is assigned to the OIC. Observers will not be able to observe during the time assigned to the OIC and must be prepared to relinquish use of the equipment promptly at the end of the scheduled periods.

### **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 in the telescope tower or structure (but not necessarily in the control room).



#### **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.

#### **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	OdeM	Observatoire de Marseille
AMES	AMES Research Centre	OSO	Onsala Space Observatory
ASC	Astro Space Centre Russia	QU	Queens University Belfast
AR	Arecibo Observatory	RRI	Raman Research Institute
ADFA	Australian Defence Force Academy	ROE	Royal Observatory Edinburgh
ATNF	Australia Telescope National Facility	PU	Princeton University
BOL	Bologna	RP	CSIRO Division of Radiophysics
CfA	CfA, Cambridge	SETI	SETI Institute
CRL	Communications Research Labs	ShU	Sheffield University
CU	Curtin University	S.T.Sc.I.	Space Telescope Science Institute
FE	Fermilab Chicago	SO	Shanghai Observatory
HR	Hart RAO	SU	Sydney University
HS	Harvard -Smithsonian Centre for Astrophysics	UA	University of Adelaide
IS&TS	Institute of Space and Terrestrial Sciences	UB	University of Basel
Canada		U BONN	University of Bonn
IL	University of Illinois	UCAL	University of California
JB	Jodrell Bank	UCHIL	University of Chile
JHU	John Hopkings University Baltimore	UMA	University of Maryland
JPL	Jet Propulsion Labs	UMELB	University of Melbourne
KI	Kapteyn Institute	UMIN	University of Minnesota
MO	Meudon Observatory	UM	University of Montreal
MPI	Max Plank Institute	UNSW	University of New South Wales
MSSSO	Mt. Stromlo and Siding Springs Observatory	UofQ	University of Queensland
NAO	National Astronomy Observatory (Japan)	U TAS	University of Tasmania
NRL	Naval Research Labs	UTOR	University of Toronto
NFRA	Netherlands Foundation for Research in Astronomy	U WASH	University of Washington
NROBS	Noreyamar Radio Observatory	UWOL	University of Wollongong

UP University of Palermo  
UWA University of Western Australia  
UWS University of Western Sydney

Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
<b>DEC</b> Wed01 Thu 02 Fri 03	<b>Receiver Tests</b> <u>Sinclair</u> et al			Multiband			
Sat 04 Sun 05	<b>Ringo Tests</b> <u>Wright</u> et al						
Mon 06 Tue 07 Wed08	<b>P113</b> Tests of the AT-Rx Package for Polarimetry Work <u>Haynes</u> Fagg Stewart(ATNF) Duncan Jones(UofQ)	6cm 13cm	2.5GHz	S Band	Bonn Pol	SCAN NOD	
Thu 09	<b>Pointing</b> Parkes Staff	3cm		Noddy Dual Beam			
Fri 10 Sat 11 Sun 12	<b>P116</b> Periastron Observations of the PSR1259-63/552883 System <u>Johnston</u> (SU) Bailes Manchester(ATNF) Lyne Nicastro(JB) D'amico(Bol)	20cm 13cm 6cm 3cm	1.5GHz 2.4GHz 5.0GHz 8.4GHz		Own	SCAMP Own	



Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
<b>DEC</b> Mon 13 Tue 14 Wed 15	<b>P103</b> HI Observations of Seyferts <b>Blank</b> (SU) Norris(ATNF)	21cm	1420 MHz	L Band	Corr. 16MHz	SPECTRA	
Thu 16 Fri 17 Sat 18 Sun 19	<b>P121</b> 21cm HILine Observations of Thin Edge-on Galaxies <b>Bosma</b> (OdeM) Freeman(MSSSO)	21cm	1400 MHz		Corr.	SPECTRA	
Mon 20 Tue 21	<b>P116</b> Periastron Observations of the PSR1259-63/552883 System <b>Johnston</b> (SU) Bailes Manchester(ATNF) Lyne Nicastro(JB) D'amico(Bol)	20cm 13cm 6cm 3cm	1.5GHz 2.4GHz 5.0GHz 8.4GHz		Own	SCAMP Own	
Wed 22 Thu 23	<b>Maintenance</b>						

Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
<b><u>DEC</u></b>							
Fri 24	<b>CHRISTMAS AND NEW YEAR BREAK</b>						
Sat 25							
Sun 26							
Mon 27							
Tue 28							
Wed 29							
Thu 30							
Fri 31							
<b><u>JAN</u></b>							
Sat 01							
Sun 02							
Mon 03							
Tue 04	<b>P116</b> Periastron Observations of the PSR1259-63/552883 System	20cm	1.5GHz		Own	SCAMP Own	
Wed 05		13cm	2.4GHz				
Thu 06		6cm	5.0GHz				
Fri 07		3cm	8.4GHz				
Sat 08							
Sun 09							
Mon 10							
Tue 11	<b>Johnston</b> (SU) Bailes Manchester(ATNF) Lyne Nicastro(JB) D'amico(Bol)						
Wed 12							
Thu 13							

Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
<b>JAN</b>	<b>P114</b>	21cm	1400	H-OH	Corr.	SLAP	
Fri 14	Redshifts and Masses of		1415		32MHz		
Sat 15	Early Type Low Surface		MHz				
Sun 16	Brightness Galaxies						
Mon 17	<u>van der Hulst</u> de Block(KI)						
Tue 18	(Vacation Students)						
Wed 19							
Thu 20	<b>P119</b>	21cm	1.4GHz	H-OH	Corr.	SPECTRA	
	Neutral Hydrogen in Highly				32MHz		
	Disturbed Galaxies						
	<u>Zealey</u> Coleman(UWOL)						
Fri 21	<b>P116</b>	20cm	1.5GHz		Own	SCAMP	
Sat 22	Periastron Observations of	13cm	2.4GHz			Own	
	the PSR1259-63/552883	6cm	5.0GHz				
	System	3cm	8.4GHz				
	<u>Johnston</u> (SU) Bailes						
	Manchester(ATNF) Lyne						
	Nicastro(JB) D'amico(Bol)						
Sun 23	<b>P050(1)</b>	20cm	1500	Wideband	Own	Own	
	20cm Pulsar Timing		MHz	H-OH			
	<u>Manchester</u> et al						

Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
<b>JAN</b> Mon 24 Tue 25 Wed 26	<b>V049 PTI</b> Core Fluxes For A Complete Sample of Radio Sources <b>Morganti</b> Oosterloo Reynolds Migenes(ATNF) Tadhunter(ShU)	13cm			PTI Corr.		
Thu 27 Fri 28 Sat 29 Sun 30 Mon 31	<b>P115</b> HI Obsorption Measurements Against Bright Pulsars <b>Koribalski</b> Wilson Weisberg(ATNF) Johnston(SU)	21cm	1420 MHz	H-OH	Corr. 4MHz	SPECTRA	
<b>FEB</b> Tue 01 Wed 02	<b>P118</b> HI Obsorption Studies Towards Some Southern Pulsars <b>Deshpande</b> Saravanan Srinivasan(RRI) McConnell Wilson(ATNF) McCulloch(UTAS)	21cm	1420 MHz	H-OH	Corr.		



Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
<b>FEB</b>	<b>P050(2)</b> Pulsar Survey and Timing	70cm	430	Cavity Disk	Own	Own	
Thu 03							
Fri 04	<b>Manchester</b> Johnston Bailles	50cm	640	Cavity Disk			
Sat 05	Glowacki (ATNF) Lyne						
Sun 06	Harrison Robinson Lorimer						
Mon 07	(JB) D'Amico Nicastro (Bol)	20cm	1500	Wideband			
Tue 08	Kaspi (PU)		MHz	H-OH			
Wed 09	<b>K Band</b>						
Thu 10	Installation and Pointing						
Fri 11	Parkes Staff						
Sat 12	<b>P010</b>	1.3cm	23.5	K Band	Corr.	SPECTRA SPOT	
Sun 13	Ammonia Observations of		to		4 & 8 MHz	SPC	
Mon 14	Bok Globules		23.8				
Tue 15	<b>Hyland</b> Walsh(UNSW)		GHz				
Wed 16	Bourke Robinson James						
Thu 17	(ADFA)						
Fri 18							
Sat 19							
Sun 20							
Mon 21							
Tue 22	<b>P050(3)</b> 20cm Pulsar Timing <b>Manchester</b> et al	20cm	1500	Wideband	Own	Own	
			MHz	H-OH			

Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
<b>FEB</b>	<b>VO50 VLBI</b>	13cm		Dual S/X			
Wed23	VLBI test of S2-K4 copying	3cm	8.4GHz				
Thu 24	and check of VLBI correlators						
Fri 25	<b>Tzioumis</b> Reynolds Wilson						
Sat 26	Ferris Jauncey Price(ATNF)						
Sun 27	McCulloch Lovell(UofTas)						
Mon 28	Takahashi Kawagushi (NROBS)						
<b>MAR</b>	<b>V043 VLBI</b>	6cm	4.85 GHz	C Band	VLBI MK 11		
Tue 01	Structure & Evolution of Nuclei in Low-redshift Southern Radiogalaxies						
	<b>Jauncey</b> Reynolds Tzioumis						
	Migenes Ferris (ATNF) Tingay						
	Bicknell (MSSSO) McCulloch						
	King Lovell (UofTas) Preston						
	Meier Jones Murphy (JPL)						
	Campbell-Wilson (SU)						
	Edwards Clay (UA) Costa						
	(UWA) Nicolson (HR)						
Wed02	<b>Pointing</b>	3cm	8.4GHz	Dual			
	Parkes Staff			Noddy			

Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
<b>MAR</b>	<b>P050(4)</b> Pulsar Survey and Timing	70cm	430	Cavity Disk	Own	Own	
Thu 03							
Fri 04	<b>Manchester</b> Johnston Bailes	50cm	640	Cavity Disk			
Sat 05	Glowacki (ATNF) Lyne						
Sun 06	Harrison Robinson Lorimer	20cm	1500 MHz	Wideband H-OH			
Mon 07	(JB) D'Amico Nicastro (Bol)						
Tue 08	Kaspi (PU)						
Wed 09							
Thu 10							
Fri 11	<b>P120</b> Deep Polarisation Mapping of Centaurus A at 12 & 20cms.	21cm		H-OH	Bonn.Pol	SCAN	
Sat 12		13cm	2.5GHz	S Band			
Sun 13	<b>Haynes</b> Killeen Norris Ekers						
Mon 14	Sault Price(ATNF) Morganti(Bol)						
Tue 15	<b>P102</b> Deep Survey of Continuum Emission along the Southern Galactic Plane at centimetre wavelengths	13cm	2.5GHz	S Band	Bonn.Pol	SCAN	
Wed 16							
Thu 17							
Fri 18							
Sat 19	<b>Duncan</b> Jones(UofQ) Stewart						
Sun 20	Haynes(ATNF)						
Mon 21	<b>Methanol Receiver</b> Installation and Pointing Parkes Staff						



Date	Project	$\lambda$ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
Tue 22 Wed 23 Thu 24	<b>P123</b> Parkes Study of 6035 MHz OH Masers <u>Caswell</u> (ATNF)	5cm	6.6GHz	Dual Circ.	Corr 4MHz	SPECTRA SPOT SPC	
Fri 25 Sat 26 Sun 27	<b>P112</b> Comet-Jupiter Crash <u>de Pater</u> (UCAL) Kesteven Price(ATNF)	50cm 20cm 13cm	660 1500 2350 MHz	Disc H-OH S Band			
Mon 28	<b>P117</b> Pulsations from the Galactic Centre <u>Hall</u> McConnell Wieringa(ATNF)	4M	75MHz	Crossed Dipole	Pulsar	Own	
Tue 29 Wed 30 Thu 31 <b>APRIL</b> Fri 01 Sat 02 Sun 03 Mon 04 Tue 05 Wed 06	<b>P104</b> Low-Frequency Carbon Recombination Lines in the Southern Galaxy <u>Erickson</u> (UofTas) McConnell (ATNF) Anantharamiah (RRI)	4m	75 MHz	Crossed Dipoles	Corr	SPECTRA SPC	