

PARKES

95AUGT

ATNF - OBSERVING SCHEDULE

Ident.	Surname		Title of proposal	Start observing Date/s
P038	<u>Barnes</u> Staveley-Smith	D * PhD L *	A Search for Protogalaxies	8 Sep
P053	<u>Nordgren</u> Chengalur Salpeter Terzian	T * PhD J E Y *	Dynamics of wide galaxy pairs in regions of low galaxy density	31-Oct
P125	<u>Frail</u> Goss Otrupcek	D * W * R *	A survey for SNR/molecular cloud interactions	11-Sep
P130	<u>Braatz</u> Wilson	J * PhD A *	A survey of H2O megamasers in nearby AGN	21-Oct
P140	<u>Bailes</u> Manchester D'Amico Kaspi Lyne	M * R * N ? V ? A ?	Precision pulsar timing	26 Aug, 19 Sep, 2 Oct, 4 Nov
P148	<u>Saunders</u> Staveley-Smith Bottinelli Mobasher Tully	W ? L * L ? B ? B	A uniform, all-sky peculiar velocity survey of IRAS galaxies	28 Aug
P171	<u>Stappers</u> Kaspi Bailes Manchester Lyne	B * PhD V * M ? R ? A	Timing of five binary pulsars	5 Aug
P182	<u>Sinclair</u> Gough Gay Fagg	M * R * G * H *	Engineering tests of 12-24 GHz cryogenic HEMT radiometer	7 Oct
P183	<u>Johnston</u> Manchester Lyne	S * R * A ?	Polarization of pulsars at 15 and 23 GHz	26 Oct
P184	<u>Staveley-Smith</u> Hall Gundersen	L * P * J	CMB discrete source measurements	26 Oct (see schedule)

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

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Ident.	Surname		Title of proposal	Start observing Date/s
P185	<u>Sjouwerman</u> Hekkert Winnberg	L? P* A	SiO maser emission in Galactic Center OH/IR stars	15 Aug (see schedule)
P186	<u>Zijlstra</u> van Loon Hekkert Waters Loup	A J* P* L C	43GHz SiO measurements of AGB stars in the LMC	15 Aug (see schedule)
P187	<u>Roy</u> Norris Heisler Sinclair Gough	A* R* C* M* R*	Molecular Tori in Seyfert galaxies	17 Oct
P188	<u>Wells</u> Ekers Freeman	B* PhD R K	NGC 55: an unusual 5GHz thick disk	1 Oct
P189	<u>Coté</u> Webb Barcons Lanzetta	S* J* X K	Tracing the mass of the galaxy 2135-1446 at very large radius	10 Aug (see schedule)
P190	<u>Coté</u> Webb Barcons Lanzetta	S* J* X K	Detecting galaxies in the line-of-sight of MKN 509	10 Aug
P191	<u>Greenhill</u> Norris Sinclair Gough Ellingsen	L* R* M* R* S*	A search for H ₂ O megamasers	12 Oct
P192	<u>Kesteven</u> Graves Calabretta	M* G* M*	Parkes holography	4 Oct
P193	<u>Kylafis</u>		A Search for OH Masers in Cometary Material around Beta Pic Stars	27 Sep

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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 1995 AUGUST TERM

1. DURATION

The term starts at 0800 hrs on Wednesday 2nd August 1995 and ends 0800 hrs on Sunday 5th November 1995 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 DECEMBER TERM 1995
OCTOBER 1ST 1995**

Please note that the telescope will be out of service for the month of December for the upgrade of the focal cabin. January and February will be available for some astronomical observations on a "shared risk" basis with telescope tests, calibration and characterisation. It is expected that the telescope will be available for most of March.

Note that from March 1996, for a period of at least 18 months the telescope will be used for approximately 10 hours each day (centred on ~19 hrs LST) for tracking the Galileo spacecraft near Jupiter. This will minimise time available for objects near the galactic centre and nearby longitudes.

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 1630 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. Observers may apply to the OIC to use day time periods not required for maintenance or special projects.

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	MU	Macquarie University
AMES	AMES Research Centre	MO	Meudon Observatory
ASC	Astro Space Centre Russia	MPI	Max Plank Institute
AR	Arecibo Observatory	MSSSO	Mt. Stromlo and Siding Springs Observatory
ADFA	Australian Defence Force Academy	NAO	National Astronomy Observatory (Japan)
ATNF	Australia Telescope National Facility	NRL	Naval Research Labs
BOL	Bologna	NFRA	Netherlands Foundation for Research in Astronomy
BOS	Boston University	NRAO	National Radio Astronomy Observatory
CAL	Caltech	NROBS	Noreyamar Radio Observatory
CfA	CfA, Cambridge	NWU	Northwestern University
CRL	Communications Research Labs	OdeHP	Observatoire de Haute Provence
COR	Cornell University	OdeL	Observatoire de Lyon
CU	Curtin University	OdeM	Observatoire de Marseille
DRAO	Dominion Radio Astrophysical Observatory	OdeP	Observatoire de Paris-Meudon
FE	Fermilab Chicago	OABM	Observatorio Astonomico de Brere, Milano
HR	Hart RAO	OSO	Onsala Space Observatory
HS	Harvard -Smithsonian Centre for Astrophysics	OXU	Oxford University
HIA	HIA-NCR, Canada	PU	Princeton University
IAFE	IAFE Buenos Aires	PSU	Pennsylvania State University
ImC	Imperial College	QU	Queens University Belfast
IS&TS	Institute of Space and Terrestrial Sciences Canada	RRI	Raman Research Institute
IL	University of Illinois	ROE	Royal Observatory Edinburgh
IPAC	Infrared Processing & Analysis Center	RP	CSIRO Division of Radiophysics
JB	Jodrell Bank	SETI	SETI Institute
JHU	John Hopkins University Baltimore	ShU	Sheffield University
JPL	Jet Propulsion Labs	S.T.Sc.I.	Space Telescope Science Institute
KI	Kapteyn 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
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
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 GHz	Feeds / Vertex	Backend	Computer Programs	Comments
AUG	MAINTENANCE						
Wed 02	Parkes Staff						
Thu 03							
Fri 04							
Sat 05	P171	20		Dual	Caltech	Own	
Sun 06	Timing of Five Binary Pulsars				Timing Mach.		
Mon 07	Stappers Bell(MSSSO) Kaspi(JPL) Bailes	70					
Tue 08	Manchester(ATNF) Lyne(JB)						
Wed 09							
Thu 10	P190	21	1.3	H-OH	Corr. 4MHz	Spectra, Spot,	
Fri 11	Detecting Galaxies in the line-of-sight of MKN 509 P189 Tracing the mass of the galaxy 2135-1446 at very large radius Coté (ESO) Webb(UNSW) Barcons(UdeC) Lanzetta(SBU))					Slap	
Sat 12	Install and Point Q Band						
Sun 13	Parkes Staff						
Mon 14							

Date	Project	λ (cm)	Freq GHz	Feeds / Vertex	Backend	Computer Programs	Comments
AUG	P185	P186	0.7	43		Correlator 32MHz	<u>P185</u> LMST 12-22 <u>P186</u> LMST 23-09
Tue 15	SiO Maser Emission in	43GHz SiO					
Wed 16	Galactic Centre OPH/IR	Measurements of AGB					
Thu 17	Stars	Stars in the LMC					
Fri 18	<u>Sjouwerman</u> Winnberg	<u>Zijstra</u> van Loon					
Sat 19	(OSO) te Lintel Hekkert	Nyman(ESO)					
Sun 20	(ATNF)	te Lintel Hekkert					
Mon 21		(ATNF) Waters(ESA)					
Tue 22		Loup(UofG)					
Wed 23		Bujarrabal(UofMad)					
Thu 24							
Fri 25	Install Seti Receiver Parkes Staff						
Sat 26	P140(1)		70	0.43	Project	Pulsar	
Sun 27	Precision Pulsar Timing		20	1.5	Phoenix Feed	Caltech Timing Mach.	
	<u>Bailes</u> Manchester (ATNF)						
	D'Amico(BOL) Lyne(JB)						
	Navarro Kulkarni Sandhu (CAL) Bell(MSSSO)						
Mon 28	P148		21	1.4	H-OH	Corr. 32 MHz	
Tue 29	A Uniform All-sky Peculiar Velocity Survey of						
Wed 30	IRAS galaxies						
Thu 31	<u>Saunders</u> Sutherland(OXU)						
SEP	Staverley-Smith(ATNF) Bottinelli(OdeP)						
Fri 01	Mobasher(ImC) Tully(UofH)						
to							
Thu 07							

Revision #

Date	Project	λ (cm)	Freq GHz	Feeds / Vertex	Backend	Computer Programs	Comments
SEP	PO38	21	1.4	H-OH	Corr. 32MHz	Spectra Spot Slap	
Fri 08	A Search for Protogalaxies						
Sat 09	Barnes (UMELB) Staveley-Smith						
Sun 10							
Mon 11	P125	20	1.7	H-OH	Corr. 4MHz	Spectra	
Tue 12	A survey for SNR/Molecular Cloud Interactions						
Wed 13	Frail Goss(NRO) Otrupek(ATNF)						
Thu 14							
Fri 15	VLBI						
Sat 16	VO70		1.2	SETI L Band	S2		
Sun 17	An HI Disk in PKS B1934-638?						
Mon 18	Ekers Staveley-Smith(ATNF) Woltjer(OdeHP)		1.4				
	VO71 VLBI Imaging of the Most Distant, Luminous Megamasers						
	Ellingsen McCulloch Phillips(UofTas) Norris Tzioumis King Reynolds(ATNF)						
	VO72 High Resolution Spectral-line Imaging of the Lens PKS 1830-211		1.2				
	Lovell McCulloch (Uof Tas) Reynolds Tzioumis Jauncey Gough(ATNF)						

Date	Project	λ (cm)	Freq GHz	Feeds / Vertex	Backend	Computer Programs	Comments
<u>SEP</u>	P140(2)	70	0.43	Project			
Tue 19	Precision Pulsar Timing			Phoenix Feed	Pulsar		
Wed 20	Bailes Manchester (ATNF)	20	1.5		Caltech		
Thu 21	D'Amico(BOL) Lyne(JB)				Timing Mach.		
Fri 22	Navarro Kulkarni Sandhu (CAL) Bell(MSSSO)						
Sat 23							
Sun 24							
Mon 25							
Tue 26							
Wed 27	P193 Search for OH Masers in Cometary Material Around Beta Pic Stars Kylafis	20	1.6	H-OH			
Thu 28	Pointing Parkes Staff						
Fri 29	VLBI			SX			
Sat 30	MKIII PTI						
<u>OCT</u>	P188		5.0			Scan	
Sun 01	NGC 55: An Unusual 5GHz Thick Disk Wells Freeman(MSSSO) Ekers(ATNF)						
Mon 02	P140(3)	70	0.43	Dual	Pulsar		
Tue 03	Precision Pulsar Timing				Caltech		
	Bailes Manchester (ATNF)	20	1.5		Timing Mach.		
	D'Amico(BOL) Lyne(JB)						
	Navarro Kulkarni Sandhu (CAL) Bell(MSSSO)						

Date	Project	λ (cm)	Freq GHz	Feeds / Vertex	Backend	Computer Programs	Comments
OCT	P192		4.0	Own	Own	Own	
Wed 04	Parkes Holography						
Thu 05	<u>Kesteven</u> Graves Calabretta(ATNF)						
Fri 06	TEST Cabin Position <u>Kesteven</u>						
Sat 07	P182		12-18	Own	Correlator	ZPOT	
Sun 08	Engineering Tests of 12-24GHz Cryogenic HEMT		21-24			Spectra	
Mon 09	Radiometer						
Tue 10	<u>Sinclair</u> Gough Gay Fagg(ATNF)						
Wed 11							
Thu 12	P191	1.4	22.0	K Band	Corr. 64MHz	Spectra	
Fri 13	A Search for H ₂ O Megamasers						
Sat 14	<u>Greenhill</u> (CfA) Norris Sinclair Gough(ATNF)						
Sun 15	Ellingsen Phillips(UofTas)						
Mon 16							
Tue 17	P187	1.3	23.7	K Band	Corr. 64MHz	Spectra	
Wed 18	Molecular Tori in Seyfert Galaxies						
Thu 19	<u>Roy</u> (RRI) Norris Sinclair Gough(ATNF)						
Fri 20	Heisler(AAO)						
Sat 21	P130	1.4	22.0	K Band	Corr. 64MHz	Spectra	
Sun 22	A Survey of H ₂ O Megamasers in Nearby AGN						
Mon 23	<u>Braatz</u> (UMA) Wilson(STScI)						
Tue 24							
Wed 25							

Date	Project	λ (cm)	Freq GHz	Feeds / Vertex	Backend	Computer Programs	Comments
Thu 26	P183						
Fri 27	Polarization of Pulsars at		12-18	Ku/K Band	Pulsar Filter	Own	Please Note: P184 Times 29-30/10/95 2 x 6 hours
Sat 28	15 and 23 GHz		20-25		Bank		
Sun 29	<u>Johnston</u> (SU) Lyne(JB)					Spot	
Mon 30	Manchester(ATNF)						
	P184						
	CMB Discrete Source						
	Measurements						
	<u>Staveley-Smith</u> Hall						
	(ATNF) Gundersen						
	(UCAL)						
Tue 31	PO53	20	1.5	H-OH	Corr. 8MHz		
NOV	Dynamics of Wide Galaxy Pairs in Regions of Low						
Wed 01	Galaxy Density						
Thu 02	<u>Nordgren</u> Salpeter Terzian(COR)						
Fri 03	Chengalur(NFRA)						
Sat 04	P140(4)	70	0.43	Dual	Pulsar		
Sun 05	Precision Pulsar Timing				Caltech		
	<u>Bailes</u> Manchester (ATNF)	20	1.5		Timing Mach.		
	D'Amico(BOL) Lyne(JB)						
	Navarro Kulkarni Sandhu (CAL) Bell(MSSSO)						