

Special Notice
Accomodation 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 accomodation by E-Mail to this address. CSIRO-RP/ATNF staff should continue to make their travel and accomodation arrangements in the usual way.

AUSTRALIA TELESCOPE: PARKES OBSERVATORY

P O BOX 276 PARKES. NSW 2870 Tel (068) 62 3677 FAX: (068) 62-3341 E-Mail: parkes@atnf.csiro.au

OBSERVING SCHEDULE FOR 1991, DECEMBER TERM

I. DURATION

The term starts at 0800 hrs on Friday, December 6, 1991, and ends 0800 hrs on Friday, April 3, 1992. 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 1992 : JANUARY 31, 1992**

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 (Pre-prepared self-serve meals available on Saturdays)

Dinner: 1745 (Pre-prepared self-serve meals available on Saturdays)

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
- AR Arecibo Observatory
- ATNF Australia Telescope National Facility
- CRL Communications Research Labs
- CU Curtin University
- IL University of Illinois
- JB Jodrell Bank
- JPL Jet Propulsion Labs
- KI Kapteyn Institute
- MPI Max Plank Institute
- MSSSO Mt. Stromlo and Siding Springs Observatory
- NAO National Astronomy Observatory (Japan)
- NRL Naval Research Labs
- NFRA Netherlands Foundation for Research in Astronomy
- PU Princeton University
- RP CSIRO Division of Radiophysics
- S.T.Sc.I. Space Telescope Science Institute
- SU Sydney University
- UB University of Basel
- U BONN University of Bonn
- UM University of Montreal
- UNSW University of New South Wales
- U TAS University of Tasmania
- U WASH University of Washington
- UP University of Palermo
- UWA University of Western Australia
- SETI } ~~ASO~~ SETI Institute
- AMES } NASA AMES Research Centre
- BOL } ~~ASO~~ Bologna

~~JPL AMES~~

Revision #1

Date	Project	λ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
Dec	P050(1)	70	430	70, 50 cm Disk	Own	Own	
Fri 6	70 cm Pulsar Survey and Timing.	50	640				
Sat 7	Manchester , Johnston (ATNF),	20	1400	Broad Band			
Sun 8	Lyne, M. Bailes, Harrison,		MHz	H-OH			
Mon 9	Robinson (JB), D'Amico (UP),						
Tue 10	Kaspi (PU)						
Wed 11							
Thu 12							
Fri 13							
Sat 14							
Sun 15							
Mon 16	Test 12/6 GHz Receiver	2.5					
Tue 17	ATNF Staff	5					
Wed 18							
Thu 19	Mechanical Maintenance Shutdown						
Fri 20	ATNF Parkes Staff						
Sat 21							
Sun 22							
Mon 23							

Revision #1

Date	Project	λ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
Dec	Christmas Shutdown						
Tue 24	ATNF Parkes Staff would like to wish all Astronomers and their families a very Merry Christmas and a Happy New year						
Wed 25							
Thu 26							
Fri 27							
Sat 28							
Sun 29							
Mon 30							
Tue 31							
Jan							
Wed 1							
Thu 2	Install Parkes Multi-Band Receiver ATNF Parkes Staff						
Fri 3	P048	21	1420 MHz	Broad Band H-OH	New Correlator	SPECTRA	
Sat 4	HI Survey Polar Ring Galaxies						
Sun 5	Richter (STSc.I)						
Mon 6	Sackett, Sparke.						
Tue 7	P005(I)	18	1612 MHz	OH Dual Circ. Pol.	New Corr. 4MHz	SPECTRA	
Wed 8	OH/IR Stars and Galactic Centre Distance Chapman, Caswell, Killeen(ATNF) te Lintel Hekkert (MSSO), Harnett (SU)						

Revision #1

Date	Project	λ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
Jan	P050(2)	70	430				
Thu 9	Manchester et al	50	640				
Fri 10		20	1400				
Sat 11			MHz				
Sun 12							
Mon 13							
Tue 14							
Wed 15	Vacation Scholar Progam	70	430	70			
Thu 16		50	640	50			
		20	1400	Broadband H-OH			
Fri 17	P066	21	1400- 1415 MHz	Broadband H-OH	New Corr. 16 MHz	SPECTRA	
Sat 18	Spiral Galaxies in Zone of						
Sun 19	Avoidance						
Mon 20	Richter(S.T.Sc.I) , Kraan-						
Tue 21	Korteneg						
Wed 22	(K.I.), Henning(NFRA)						
Thu 23	P067						
Fri 24	HI Obs. Fornax Cluster						
	Richter(S.T.Sc.I) , Schroder, Tammann (U.B.)						

Date	Project	λ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
Jan	P071	21	1420 MHz		New Corr	SPECTRA	
Sat 25	HI Content Dwarf Galaxies						
Sun 26	<u>Carignan</u> , Demers (U.M.)						
Mon 27							
Tue 28							
Wed 29							
Thu 30	P005(2)						
Fri 31	<u>Chapman</u> et al						
Feb	P042	18	1612 MHz	OH Dual Circ.	New Corr. 8 MHz	SPECTRA SLAP UNIPOPS	
Sat 1	OH Maser Emission Early						
Sun 2	Supergiants						
Mon 3	<u>te Lintel-Hekkert (MSSO)</u>						
Tue 4	Chapman (ATNF)						
Wed 5	PO50 (3) <u>Manchester</u> et al	70	430				
Thu 6		50	640				
Fri 7		20	1400				
Sat 8			MHz				
Sun 9							
Mon 10							
Tue 11							
Wed 12							
Thu 13							
Fri 14							
Sat 15							
Sun 16							

JGM

Date	Project	λ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
Mon 17 Tue 18 Wed 19	P065 Pol. in LMC & SMC <u>Haynes (ATNF)</u> , Klien, Wielebinski (MPI), Harnett (SU)	21	1420 MHz	H-Line Dual Circ. Vertex Rad.	Bonn. Pol	SCAN NOD2	
Thu 20 Fri 21	P037 Hi Obs Magellanic Clouds <u>Vialleford</u> , Boulanger, Lequeux, Okumura (Meudon), de Graauw (Kapteyn)	21	1420 MHz	Broadband H-OH	Corr. 4Mhz	SPECTRA	
Feb Sat 22 Sun 23 Mon 24	P073 OH Emission GSOs <u>te Lintel-Hekkert (MSSO)</u> , Chokshi (JPL), Likkell (IL)	20	1420- 1667 MHz	Broadband H-OH	New Corr. 32 or 64 MHz	SPECTRA SPOT UNIPOPS	
Tue 25	Install 2.5/5 cm Receiver and Pointing ATNF Parkes Staff						

T&M

Date	Project	λ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
Feb	P069	5	6.6	Dual Lin	New Corr.	SPOT	
Wed 26	6 and 12 GHz Methanol	12.2	12.2	Dual Circ.		SPECTRA	
Thu 27	Transitions		GHz			R64M	
Fri 28	Whiteoak , Norris(ATNF)						
Sat 29	Peng(UNSW)						
Mar							
Sun 1							
Mon 2							
Tue 3	P061	2.5	12.2	Dual Circ.	Bonn Pol.	SCAN	
Wed 4	12GHz Obs Southern Galaxies		GHz				
	Haynes (ATNF) , Harnett (SU), Klein (U.Bonn)						
Thu 5	P063	2.5	12.2	Dual Circ		SPECTRA	
Fri 6	Galactic Methanol Masers, 12 and	5.0	GHz	Dual Lin.		SPOT	
Sat 7	GHz		6.6				
Sun 8	Caswell , Norris(ATNF), Peng		GHz				
Mon 9	(UNSW)						
Tue 10	Install Multi-band Receiver Parkes Staff						
Wed 11	P005(3)	18	1612	OH Dual Circ.	New Corr.	SPECTRA	
Thu 12	Chapman et al		MHz		4 MHz	SLAP SPOT	

Tom

Coho Away

Date	Project	λ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
Mar	P074	21	1420 MHz	Broadband H-OH	New Corr. 4MHz	SPECTRA SPOT UNIPOPS	
Fri 13	HI Obs Face-on Galaxies						
Sat 14	te Lintel-Hekkert,						
Sun 15	Côté (MSSSO), Maloney (NASA-Ames)						
Mon 16	Pointing ATNF Parkes Staff	3.4	8.4 GHz	Dual Noddy	Cont.	SPOT	
Tue 17	P025	3.4	8.4 GHz	X Dual Circ.	Bonn Pol.	SCAN	
Wed 18	Pol. Centaurus A						
Thu 19							
Fri 20	Haynes (ATNF), Juntas (UKiel)						
Sat 21	P070						
Sun 22	Pol. VELA SNR Milne (ATNF)						
Mon 23	V017	3.4	8.4 GHz	8.4GHz RCP	VLBI MK3 PT1		
Tue 24	VLBI Mk3 DSS43						
Wed 25	VLBI Positions Southern Radio Stars Reynolds, Jauncey, Tzioumis (ATNF), Johnston, Russell(NRL)						

Revision #1

Date	Project	λ (cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
Mar	V008	3.4	8.4 GHz	8.4 GHz RCP	VLBI Mk2 PT1		
Thu 26	VLBI Mk2						
Fri 27	<u>Jauncey (ATNF)</u> et al						
Sat 28							
Sun 29							
Mon 30							
Tue 31							
Apr	P072	21	1420 MHz		New Corr. 4MHz	SPECTRA SPOT UNIPOPS	
Wed 1	HI Obs Cooling Flows						
Thu 2	<u>te Lintel-Hekkert</u> , Gregg, Quinn, Freeman, Lavery (MSSSO)						