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 1992 AUGUST TERM

1. DURATION

The term starts at 0800 hrs on Monday August 3 1992, and ends 0800 hrs on Tuesday December 1 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 DECEMBER TERM 1992 : SEP 30, 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
AMES	AMES Research Centre
ASC	Astro Space Centre Russia
AR	Arecibo Observatory
ATNF	Australia Telescope National Facility
BOL	Bologna
CfA	CfA, Cambridge
CRL	Communications Research Labs
CU	Curtin University
IL	University of Illinois
JB	Jodrell Bank
JPL	Jet Propulsion Labs
KI	Kapteyn Institute
MO	Meudon Observatory
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
OSO	Onsala Space Observatory
QU	Queens University Belfast
ROE	Royal Observatory Edinburgh
PU	Princeton University
RP	CSIRO Division of Radiophysics
SETI	SETI Institute
S.T.Sc.I.	Space Telescope Science Institute
SU	Sydney University
UB	University of Basel
U BONN	University of Bonn
UCHIL	University of Chile
UMA	University of Maryland
UMELB	University of Melbourne
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
UWS	University of Western Sydney

August Term 1992
Version #1

Parkes Observing Schedule

Printed: 6 July, 1992

Date	Project	λ(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
AUG Mon 03	**PO37** HI Obs Magellanic Clouds **Viallefond** Lequeux Okumura (MO) Boulanger (IAS) de Graauw (KI) Rubio (U.Ch) Whiteoak (ATNF)	21cm	1420 MHz	H-OH	Corr. 8MHz	SPECTRA	
Tue 04 Wed 05 Thu 06 Fri 07 *Sat 08*	**PO84** HI Obs. of Ophiuchus **Digel** (CfA) de Geus Kerr (U.Ma) Snowden (MPE)	21cm	1428 MHz	H-OH	Corr. 4MHz-8000Chs	SPECTRA	5 x 10 hr sessions
	PO91 HI Contents of a Dwarf Elliptical With Young Stars **Gregg** (MSSSO)	21cm	1420 MHz	H-OH	Corr.4MHz	SPECTRA	4 x 13 hr sessions
	PO87 HI Absorption Towards PKS0456-301 **Caganoff** (U.Melb)	21cm	1.5 GHz	H-OH	Corr. 4MHz	SPECTRA	1 x 6hr session

Date	Project	λ(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
AUG *Sun 09* Mon 10 Tue 11	**PO73** Search for OH Emission From Q.S.O.s **te Lintel-Hekkert**(MSSSO) Chokshi Likkel (JPL).	21-18 cms.	1420-1667 MHz	H-OH	Corr. - 32MHz 1024Chs.	SPOT SPECTRA UNIPOPS	
Wed 12 Thu 13	Gain Curve Checks **Parkes Staff**						
Fri 14 *Sat 15* *Sun 16*	**PO24** Polarisation Mapping **Milne** Caswell Haynes Kesteven & Stewart (ATNF)	6cm	4600-4900 MHz	C Band	Bonn. Pol 100MHz Filters	Bonn. Pol	
Mon 17	**PO50(1)** 50cm Pulsar Timing **Manchester** et al	50cm	640 MHz	Disk	Own	Own	
Tue 18 Wed 19 Thu 20	Installation and Pointing Q Band **Parkes Staff**						

Date	Project	λ(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
AUG Fri 21 *Sat 22* *Sun 23* Mon 24 Tue 25 Wed 26	**PO86** Where Do SiO Masers Finally Die? **Hall** Wark (ATNF) Nyman (SEST) Olofsson (OSO)	0.7cms	43GHz	Q Band	Corr. - 32MHz	SPECTRA SPOT ZPOT	
Thu 27 Fri 28 *Sat 29* *Sun 30*	**PO88** Methanol Test Obs **Slysh** Kalenskii Val'tts (ASC) Norris (ATNF)	0.7cms	44GHz	Q Band	Corr. - 32MHz	SPECTRA	
Mon 31 **SEP** Tue 01 Wed 02	Control System Tests **ATNF & RP Staff**						
Thu 03 Fri 04	Multi-Band Installation and Pointing **Parkes Staff**						

Date	Project	λ(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
SEP *Sat 05* *Sun 06*	**VO17** VLBI MK111 VLBI Positions of Southern Radio Stars **Reynolds** Jauncey Tzioumis (ATNF) Johnston Russell (NRL) King McCulloch (UTas)	3.6 cms	8410 MHz	3cm RCP	VLBI MK111		Times (AEST) 5/9 2300 - 0745 (6th) 6/9 2300 - 0740 (7th)
Mon 07 Tue 08	**POO5(1)** OH/IR Stars and Galactic Centre Distances **Chapman** Caswell Killeen (ATNF) te Lintell-Hekkert (MSSSO) Harnett (SU)	18cms	1612 MHz	Dual Circ.	Old Corr.	SPECTRA SLAP SPOT	

Date	Project	λ(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
SEP Wed 09 Thu 10 Fri 11 *Sat 12* *Sun 13* Mon 14 Tue 15 Wed 16 Thu 17 Fri 18 *Sat 19* *Sun 20* Mon 21 Tue 22	**PO50(11)** Pulsar Survey and Timing **Manchester** Johnston Glowacki (ATNF) Lyne Bailes Harrison Robinson Lorimer (JB) D'Amico Nicastro (Bol) Kaspi (PU)	70cms 50cms 20cms	430 640 1400 MHz	Cavity Disk Cavity Disk Wideband H-OH	Own	Own	
Wed 23 Thu 24	Installation and Pointing 6.7/12.2 GHz Receiver **Parkes Staff**						

Date	Project	λ(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
SEP Fri 25 *Sat 26* *Sun 27* Mon 28 Tue 29	**PO63** Galactic and Magellanic Cloud Methanol Masers **Caswell** Norris Whiteoak (ATNF) Vaille (UWS) Ellingsen(UTas)	2.5cms 5cms	12..2 6...6 GHz	12 6	Corr. 4MHz 2048Chs	SPECTRA SPOT	
Wed 30	Installation Multi-Band Receiver **Parkes Staff**						
OCT Thu 01	**PO50(111)** 50cm Pulsar Timing **Manchester** et al	50cm	640 MHz	Disk	Own	Own	
Fri 02 *Sat 03* *Sun 04*	**POO5(11)** OH/IR Stars and Galactic Centre Distances **Chapman**Caswell Killeen (ATNF) te Lintel-Hekkert (MSSSO) Harnett (SU)	18cms	1612 MHz	Dual Circ.	Old Corr.	SPECTRA SLAP SPOT	

Date	Project	λ(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
OCT Mon 05 Tue 06	**VO21** VLBI MK111/PTI Radio Structures of SN1987A **Reynolds** Jauncey Manchester Ferris Stavely-Smith Tzioumis Wark Norris (ATNF) Campbell Wilson (USyd) Johnston Russell (NRL)	18cms	1660 MHz	OH	MK111VLBI & PTI		Times (AEST) 6/10 1930-0915(7th)
Wed 07 Thu 08 Fri 09 *Sat 10* *Sun 11*	**PO89** Low Surface Brightness Objects Red Shift Survey **Broadhurst** (ROE) Côté (MSSSO)	21cms	1390 MHz	H-OH	Corr. - 32Mhz	SPECTRA SPOT POPS	
Mon 12 Tue 13 Wed 14 Thu 15 Fri 16 *Sat 17* *Sun 18* Mon 19 Tue 20 Wed 21	Mechanical Shutdown **Parkes Staff**						

Date	Project	λ(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
Thu 22	3cm Pointing Tests **Parkes Staff**	3cm	8.4 GHz	3cm Noddy	Cont.	SPOT	
OCT Fri 23 *Sat 24* *Sun 25* Mon 26 Tue 27 Wed 28	**PO79** Obs. of Southern Pulsars **Deshpande** McCulloch (UTAS) McConnell Wilson Davis (ATNF)	21cms	1420 MHz	H-OH	Corr. - 4MHz	Own	
Thu 29	**PO92** Mapping of HI in the Sightlines to Early Type Halo Stars **Keenan** Conlon (QU) te Lintel-Hekkert (MSSSO)	21cms	1420 MHz	H-OH	Corr. 8 or 4 MHz	SPECTRA SPOT UNIPOPS	

Date	Project	λ(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
OCT Fri 30 *Sat 31* **NOV** *Sun 01*	**VO15** VLBI MK111 Obs Vela Pulsar **Gwinn** Desai (UCSB) Reynolds Tzioumis Jauncey (ATNF) King McCulloch (UTas) Nicholson Flanagan (Hart. RAO) Jones (JPL)	13cms		S Band	MK111 VLBI		Times (AEST) 30/10 2100-0100 (31st) 01/11 0400-1500
NOV Mon 02 Tue 03 Wed 04 Thu 05 Fri 06 *Sat 07* *Sun 08* Mon 09 Tue 10 Wed 11 Thu 12 Fri 13 *Sat 14*	**PO50(IV)** Pulsar Survey and Timing **Manchester** Johnston Glowacki (ATNF) Lyne Bailes Harrison Robinson Lorimer (JB) D'Amico Nicastro (Bol) Kaspi (PU)	70cms 50cms 20cms	430 640 1400 MHz	Cavity Disk Cavity Disk Wideband H-OH	Own	Own	

Date	Project	λ(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
NOV *Sun 15* Mon 16 Tue 17 Wed 18 Thu 19	**PO93** Obs. of Millisecond Pulsars **Ables** Jacka (RP) McConnell (ATNF) Deshpande Hamilton McCulloch (UTas)	70cm	430 MHz	Cavity Disk	Own		
Fri 20 *Sat 21*	**POO5(111)** OH/IR Stars and Galactic Centre Distances **Chapman**Caswell Killeen (ATNF) te Lintel-Hekkert (MSSSO) Harnett (SU)	18cms	1612 MHz	Dual Circ.	Old Corr.	SPECTRA SLAP SPOT	

Date	Project	λ(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
NOV *Sun* 22 Mon 23 Tue 24 Wed 25 Thu 26 Fri 27 *Sat* 28 *Sun* 29 Mon 30	**VOO9** VLBI Imaging of 1830-211 **Jauncey** et al **VO16** VLBI Obs. 1549-790 **Meier** (JPL) et al **VO27** VLBI Radio Structure of Quasars at Red Shift > 3 **Gurvits** (NAIC) et al **VO30** VLBI Compact Steep Spectrum Sources **Tzioumis** (ATNF) et al **VO33/35** VLBI Compact Doubles **Tzioumis** (ATNF) et al		4.8 GHz	C Band Pol.			

Parkes Observing Schedule

Date	Project	λ(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
NOV *Sat* 28 *Sun* 29 Mon 30	**VO15** VLBI MK111 Obs Vela Pulsar **Gwinn** Desai (UCSB) Reynolds Tzioumis Jauncey (ATNF) King McCulloch (UTas) Nicholson Flanagan (Hart. RAO) Jones (JPL)	13cms		S Band	MK111 VLBI		Times (AEST) 30/11 0410-1345 FRI 2100 - 0100 SAT SUN 0400 - 1500

MEMORANDUM TO: ALL STAFF

FROM: DIANE SCOTT

DATE 28TH JULY 1992

RE: AMENDMENT TO AUGUST TERM 1992 OBSERVING SCHEDULE

Mon 03/08/92 **Whiteoak** (ATNF) is now **te Lintel-Hekkert** (MSSSO)

Sun 09/08/92 **te Lintel-Hekkert** (MSSSO) is now **Whiteoak** (ATNF):

Please adjust your copies accordingly.

DIANE