Oct 1 — DEC 24 1990

AUSTRALIA TELESCOPE: PARKES OBSERVATORY

P O BOX 276 PARKES. NSW 2870 Tel (068) 62 3677 TLX "QASER" AA163999 FAX: (068) 62-3341

OBSERVING SCHEDULE FOR 1990, QUARTER 4

1. DURATION

The period starts at 0800 hrs on Mon Oct 1, and ends 0800 hrs on Mon Dec 24. 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 1st QUARTER 1991 : Oct 19, 1990

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

Instruction 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: 0730-0900 Monday - Friday (Serve yourself at weekends)

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 spokesman and contact with observatory staff as regards to 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.

DATE	PROJECT	λ(cm)	FREQ	FEEDS VERTEX	BACK END	COMPUTER PROGRAMS	REMARKS
OCT							
Mon 1	**SOFTWARE DEVELOPMENT** Parkes staff						
Tue 2 Wed 3 Thu 4	**VLBI 843 MHz** Reynolds *et al*	36	843 MHz	Dual lin pol	VLBI	own	
Fri 5 Sat 6 Sun 7	**DARK MATTER AND SPIRAL GALAXIES** Buckhorn, Mathewson	21	1.42 GHz	wideband H-OH dual ch	correlator 2 x 512 ch 10 MHz bw	SPOT SPECTRA	
Mon 8 Tue 9 Wed 10 Thu 11 Fri 12 Sat 13 Sun 14	**POLARISATION OF 6 MOST PECULIAR SOURCES** Whiteoak, Cram Large	13 6 3	2.3 GHz 4.5 GHz 8.4 GHz	AT dual circ pol	Bonn pol	DEKKO SCAN	
Mon 15 Tue 16	**OH/IR STARS AND GALACTIC CENTRE DISTANCE** Chapman, Caswell, Killeen Harnett, TeLintel	18	1610-1670 MHz	18cm 1 HE hybrid for 2 circ pols	correlator 2 IFs x 512 ch bw 0.2, 0.5, 1.0 MHz	SPECTRA SPOT SLAP S	
Wed 17	**INSTALL & COOL 50CM RX** Parkes staff						

DATE	PROJECT	λ(cm)	FREQ	FEEDS VERTEX	BACK END	COMPUTER PROGRAMS	REMARKS
OCT							
Thu 18 Fri 19	**PULSAR TIMING FOR GRO COLLABORATION** Manchester *et al*	20 50	1.3-1.8 GHz 660 MHz	pulsed cal at vertex for 50cm	JB filters J.Lim filters Digitizer	own	
Sat 20 Sun 21 Mon 22 Tue 23	**PULSAR POLARISATION** Qiao, Manchester Lyne, Gould	20 50	1.3-1.8 GHz 660 MHz	pulsed cal at vertex for 50cm	JB filters J.Lim filters Digitizer	own	
Wed 24 Thu 25 Fri 26 Sat 27 Sun 28 Mon 29 Tue 30	**SOFTWARE DEVELOPMENT AND MECHANICAL MAINTENANCE** Parkes Staff						
Wed 31	**INSTALL NRAO 7-BEAM RECEIVER AND**						
NOV	**843 MHz RECEIVER AND**						
Thu 1 Fri 2 Sat 3 Sun 4	**POINTING** Parkes Staff						

DATE	PROJECT	λ(cm)	FREQ	FEEDS VERTEX	BACK END	COMPUTER PROGRAMS	REMARKS
NOV							
Mon 5	COMPLETION OF PARKES/NRAO/MIT						
Tue 6							
Wed 7	SURVEY OF SOUTHERN SKY						
Thu 8							
Fri 9							
Sat 10	Griffith, Wright, *et al*						
Sun 11							
Mon 12							
Tue 13							
Wed 14							
Thu 15							
Fri 16							
Sat 17							
Sun 18							
Mon 19							
Tue 20							
Wed 21							
Thu 22							
Fri 23							
Sat 24							
Sun 25	INSTALL AT RECEIVER						
Mon 26	AND POINTING						
Tue 27							
	Parkes Staff						
Wed 28	**VLBI**	3.6	8.4 GHz	dual circ pol	VLBI	PTI	TIMES (AEST)
Thu 29				3 cm	PTI		
Fri 30	Reynolds *et al*						28 2115-0530 29 1700-0710 30 1905-0535

DATE	PROJECT	λ(cm)	FREQ	FEEDS VERTEX	BACK END	COMPUTER PROGRAMS	REMARKS
DEC							
Sat 1 Sun 2	**OH/IR STARS AND GALACTIC CENTRE DISTANCE** Chapman, Caswell, Killeen Harnett, TeLintel	18	1610-1670 MHz	18cm 1 HE hybrid for 2 circ pols	correlator 2 IFs x 512 ch bw 0.2, 0.5, 1.0 MHz	SPECTRA SPOT SLAP S	
Mon 3 Tue 4 Wed 5	**21CM SEARCH Ω CENTAURI AND 47 TUCANAE** Faulkner, Wood Wright, Smith	21	1420 MHz	wideband H-OH	correlator 2 x 512 ch 5 MHz bw	SPECTRA	
Thu 6 Fri 7 Sat 8 Sun 9 Mon 10 Tue 11	**13 CM POLARIMETER SURVEY OF MAGELLANIC CLOUDS** Haynes, Harnett, Klein Wielebinski, Meinert	13	2.5 GHz	13cm dual circ	Bonn pol	SCAN DEKKO	
Wed 12 Thu 13	**INSTALL K BAND AND POINTING** Parkes Staff						
Fri 14 Sat 15 Sun 16 Mon 17 Tue 18	**23 GHz AMMONIA IN MAGELLANIC CLOUDS AND GALAXIES** Whiteoak, Troup, Peng, Lim	1.3	23.7-23.8 GHz	22 GHz noddy	correlator 2 x 512 ch 10 MHz bw J. Lim filters	SPECTRA SPOT	

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DEC							
Wed 19 Thu 20 Fri 21 Sat 22 Sun 23	**CCS & AMMONIA TOWARDS SOUTHERN DARK CLOUD CORES** Yamamoto, Ohishi, Kaifu, Whiteoak	1.3	23.694 GHz 22.344 GHz	22 GHz noddy	correlator 2 x 512 ch 10 MHz bw	SPECTRA SPOT	