

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 1989, QUARTER 4

NOTE: ANY TEAM GRANTED PTI OR VLBI TIME WILL NEED TO ARRANGE FOR THEIR OWN TIDBINBILLA OPERATORS.

1. DURATION

The period starts at 0800 hrs on Thu Nov 2, and ends 0800 hrs on Sun 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 1990 : NOVEMBER 13, 1989

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.

DATE	PROJECT	λ (cm)	FREQ	CAL (K)	FEEDS VERTEX	BACK END	COMPUTER PROGRAMS	REMARKS
<u>NOV</u>								
Thu	2	OH/IR STARS & GALACTIC CENTRE DISTANCE	18	1610-1725 MHz	10	1 HE hybrid to give 2 circ. Lin. Pol. Vert. Rad.	Correlator 2 IF 512 ch. B/W 0.2 0.5, 1.0 MHz	SPECTRA S
Fri	3	<u>Chapman, Harnett, Caswell</u>						
Sat	4	CONFIRMATION OF	20	1350-1720 MHz	10	wideband 20cm	Jodrell Bank + J. Lim filters	Own
Sun	5	PULSARS FROM 20CM			.3			
Mon	6	SURVEY			pulsed			
Tue	7							
Wed	8	<u>Manchester, Lyne, Johnstone, D'Amico Kniffen, Lim</u>						
Thu	9	SYSTEM TESTS Parkes Staff						
Fri	10	VLBI OBSERVATIONS OF METHANOL MASERS	2.5	12.1-12.2 GHz		methanol feed	correlator	SPECTRA Times AEST 12th 0500-0900
Sat	11	<u>Norris, Wellington McCullough, Reynolds Diamond, Whiteoak, Kesteven</u>						
Sun	12	NUCLEAR RADIO SOURCES IN SPIRALS	13	2290 MHz		S band	PTI	PTI PTI Times AEST 2220-0700 (13th)
		<u>Sadler, Slee, Harnett Reynolds</u>						

DATE	PROJECT	λ (cm)	FREQ	CAL (K)	FEEDS VERTEX	BACK END	COMPUTER PROGRAMS	REMARKS
<u>NOV</u>								
Mon	13	ERROR DETECTOR TESTS Parkes staff						
Tue	14	RED-SHIFTED 21cm	31	960MHz	Disk dual linear	correlator	SPECTRA S	
Wed	15	PKS 0458-02 AT 960MHz <u>Yeng</u> , Otrupcek						
Thu	16	Install L band equipment Parkes staff						
Fri	17	DYNAMIC SPECTRA OF	21	1.35-1.45	wideband	RP/MU 96ch	FAST FLARES	
Sat	18	STELLAR MICROWAVE		GHz	H-OH	filter bank		
Sun	19	FLARES						
Mon	20							
Tue	21	<u>Lim</u> , Nelson, Vaughan						
Wed	22	<u>Troup</u> , Slee, Sheridan						
Thu	23							
Fri	24							
Sat	25							
Sun	26							
Mon	27	50CM PULSAR SURVEY	50	640MHz	pulsed cal	640MHz dual lin	Jodrell Bank filters and J. Lim filters	Own
Tue	28							
Wed	29	<u>Manchester</u> , Lyne						
Thu	30	D'Amico						
<u>DEC</u>								
Fri	1							
Sat	2							
Sun	3							

DATE	PROJECT	λ (cm)	FREQ	CAL (K)	FEEDS VERTEX	BACK END	COMPUTER PROGRAMS	REMARKS
<u>DEC</u>								
Mon 4	OH/IR STARS & GALACTIC CENTRE DISTANCE	18	1610-1725 MHz	10	1 HE hybrid to give 2 circ. Lin. Pol. Vert. Rad.	Correlator 2 IF 512 ch. B/W 0.2 0.5, 1.0 MHz	SPECTRA S	
Tue 5	<u>Chapman</u> , Harnett, Caswell							
Wed 6	VLBI OBSERVATIONS	13	2.3GHz	10	RCP	VLBI	VLBI	
Thu 7	OF SOUTHERN COMPACT	3.4	8.4GHz		RCP			
Fri 8								
Sat 9	<u>Norris</u> , Jauncey et al							
Sun 10								
Mon 11	SMALL STRUCTURE FLAT RADIO SPECTRUM SOURCES	3.6	8410 MHz		1 HE Lin.	PTI	PTI	<u>TIMES AEST</u> 2015-1015 (12th)
	<u>White</u> , Duncan, Jauncey <u>Wark</u> , Reynolds, Jones							
Tue 12	SEARCH FOR NEUTRAL	21	1390-1420	5	1 HE	correlator	SPECTRA	
Wed 13	HYDROGEN IN DUST LANE GALAXIES		MHz		H line		64M S	
Thu 14	<u>Sadler</u> , Sparke, Zillinger							
Fri 15	NUCLEAR RADIO SOURCES IN SPIRALS	13	2290 MHz		S band	PTI	PTI	PTI Times AEST 0300-1145
	<u>Sadler</u> , Slee, Harnett <u>Reynolds</u>							

