

AUSTRALIAN NATIONAL RADIO ASTRONOMY OBSERVATORY

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

C.S.I.R.O., Division of Radiophysics

OBSERVING SCHEDULE FOR 1988, QUARTER 3

1. DURATION

The duration starts at 0800 hrs on Mon 4 July
and ends 0800 hrs on Mon 3 Oct.

The 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 4TH QUARTER 1988 IS 11TH AUG 1988. *
* * * * *

2. DAILY OBSERVING PERIODS AND DIRECTOR'S TIME

Daily observing time is allocated from 1400 hours to 0800 hours the following morning on weekdays, and from 0800 hours to 0800 hours the following morning on public holidays, except for those marked with an asterisk (*). On these days observing time does not begin until 1600 hours, due to extended maintenance or receiver changes.

All time outside the daily observing periods is assigned to the Director. Observers will not be able to observe during the time assigned to the Director 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 Radiophysics person whose name is not listed on the program must first obtain permission from his 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.

AAO Anglo Australian Observatory
ANU Australian National University
AR Arecibo Observatory
ASC The Aerospace Corporation
COB Carter Observatory
COR Cornell University
ESA European Space Agency
GSFC Goddard Space Flight Centre
JB Jodrell Bank
JPL Jet Propulsion Laboratory
KI Kapteyn Institute
MPI Max Planck Institute for Radio Astronomy
MSSSO Mount Stromlo and Siding Springs Observatory
MU Macquarie University
NRAO National Radio Astronomy Observatory
NRO Nobeyama Radio Observatory
PU Peking University
RP C.S.I.R.O. Division of Radiophysics
QU Queens University
UADEL University of Adelaide
UBC University of British Columbia
UI University of Iowa
UKSTU UK Schmidt Telescope
UP University of Palermo
UQ University of Queensland
USNRL U.S. Naval Research Laboratories
USYD University of Sydney
UTAS University of Tasmania

DATE	PROGRAMME	RECEIVERS			Feeds, Vertex etc.	Back end	Other Specifications	Computer Programs	Assistance requested ?
		λ cm	Tuned to frequencies/ velocities	Cal Size (K)					
* = extended maintenance period									
JULY 19 Tue * 20 Wed	X-BAND POLARIMETRY Haynes, Murray, Cooke, Hunt, Wark (RP), Wayte (MSSSO)	3.5	8.4 GHz		2 HE with circ. POL.	Bonn Pol.	Vertex Rad.	SCAN DEKKO BONN POL.	
21 Thur 22 Fri 23 Sat 24 Sun	SOUTHERN HEMISPHERE WITH THE SUPERNOVA ARRAY Jauncey, Duncan, Norris, White, Kesteven, Harvey, Wark, (RP), Hamilton, McCulloch, McConnell (UTAS), Reynolds (ANU), Savage (UKSTU), Bird (UADEL), Preston (JPL), Mutel (UI)	13	2290MHz	5 & 50	HE 11 RCP DSS 45	Own VLBI	PTI TIMES AEST 22nd 0530-1915 23rd 0530-1915 24th 0530-1915		
25 Mon	INSTALL X BAND (NODDY)								
26 Tue * 27 Wed	CORONAL MAGNETIC FIELDS ON EARLY TYPE STARS Slee, Stewart (RP), Budding (COB), Carter (UQ)	3.5	8.4GHz	1	Noddy Dual	Cont.	Feed Rotation to 90° for wagging	NODDY SPOT	
28 Thur	INSTALL 2HE X BAND FEED ANGULAR SIZES OF GIANT RADIO STARS Stewart, Slee, Norris (RP), Reynolds (ANU)	3.5	8.4GHz	1	2HE X BAND DSS 43	PTI	To supply R & S synthesizer PTI Times AEST 28th 2300 to 1500 ✓ 29th	PTI	
29 Fri	INSTALL S BAND (1500hrs) NUCLEAR RADIO SOURCES IN ELLIPTICAL GALAXIES Slee, White, Ekers (RP), Reynolds, Caganoff (ANU), Saddler (AAO)	13	2290MHz		HE 11 RCP DSS 43	PTI	PTI Times AEST 29th 2300 to 1500 30th	PTI	

STW VLBI ASAP 12:40 noon

← Fax Mtce.

*28/7
-1/
July*

DATE	PROGRAMME	RECEIVERS			Feeds, Vertex etc.	Back end	Other Specifications	Computer Programs	Assistance requested ?
		λ cm	Tuned to frequencies/ velocities	Cal Size (K)					
* = extended maintenance period									
AUGUST									
9 Tue *	MILLISECOND PULSARS IN GLOBULAR CLUSTERS	70	430MHz		Disc	Mark II A 33 kHz F/Bank	Minimum impulsive interference (no mowers etc) No other Rxs operating		
10 Wed									
11 Thur	Ables, Jacka (RP), Hall (USYD), McConnell, Hamilton, McCulloch (UTAS)	48	630MHz			NRAO F/Bank	Pulsed cals	OWN	
12 Fri									
13 Sat									
14 Sun									
15 Mon									
16 Tue *	} Bulgaria.								
17 Wed									
18 Thur	Q BAND INSTALLATION AND POINTING								
19 Fri									
20 Sat	} Dr. Dabchi Deguchi arrives in evening								
21 Sun									
22 Mon	SEARCH AND MONITOR FOR SiO MASERS	0.7	43.122GHz		HE 11 Beam Switching	Corr.	Feed rotation & parallactifier required	SPECTRA SPOT NODDY	
23 Tue									
24 Wed	Hall (USYD), Wark, Troup, Wright (RP), Allen (AAO)								
25 Thur									
26 Fri	} SiO Maser 2.15 hr daily								
27 Sat									
28 Sun	SiO MASERS IN SOUTHERN CARBON STARS	0.7	43,122GHz +	5	HE 11 Beam Switching	Corr. 3 x 10MHz		SPECTRA	
29 Mon									
	LMC & IRAS SOURCES Deguchi (NRO), Whiteoak, Forster (RP) et al		42, 820GHz						

ASA

DATE	PROGRAMME	RECEIVERS			Feeds, Vertex etc.	Back end	Other Specifications	Computer Programs	Assistance requested ?
		λ cm	Tuned to frequencies/ velocities	Cal Size (K)					
* = extended maintenance period									
AUGUST									
30 Tue *	INSTALL A.T. Rx								
31 Wed <i>ASA</i>	CENTAURUS GROUP Cooke (for Pritchett)	21	1420MHz		HE 11 HOH Dual LIN Pol.	Corr. 4 x 256 Channels		SPECTRA	
SEPT	LARGE SCALE STREAMING MOTIONS IN THE LOCAL UNIVERSE								
1 Thur	Mathewson, Ford (MSSSO), Savage (UKSTU), Haynes (COR), Giovannelli (AR) <i>AS opening</i> <i>Parkes Show</i>	21	1370-1420MHz	5	HE 11 HOH Dual LIN Pol.	Corr. 2 x 512 Channels		SPECTRA	
2 Fri									
3 Sat									
4 Sun									
x 5 Mon									
6 Tue *									
7 Wed									
8 Thur									
9 Fri	SURVEY FOR MILLISECOND AND SHORT PERIOD PULSARS	20	1300-1720MHz	~2	HE 11 HOH Dual LIN Pol.	J/Bank 1 & 5 MHz filters J Lim 1 MHz filters	Pulsed cal 1 pps variable 10 Hz - 1kHz	Own Require PP driver	
10 Sat									
11 Sun									
12 Mon									
13 Tue *									
14 Wed									
15 Thur									
16 Fri									
17 Sat									
18 Sun									

DATE	PROGRAMME 8 ^h 14 ^h 16 ^h	RECEIVERS			Feeds, Vertex etc.	Back end	Other Specifications	Computer Programs	Assistance requested ?
		λ cm	Tuned to frequencies/ velocities	Cal Size (K)					
* = extended maintenance period									
SEPT 19 Mon 20 Tue * 21 Wed 22 Thur 23 Fri 24 Sat 25 Sun 26 Mon	Manchester et al (contd)								
27 Tue * <i>Long time</i>	(a) OH OBSERVATIONS OF VERY YOUNG PLANETARY NEBULAE Pottasch (KI), Caswell (RP)	18	1612 MHz	5-10	HE 11 HOH Dual LIN Pol.	Corr.	Sidereal Times 12 ^h - 22 ^h	SPECTRA SPOT	
	(b) OH/IR OBJECTS IN THE MAGELLANIC CLOUDS Whiteoak, Gardner (RP), Wood, Bessell (MSSSO) <i>whiteoak, etc time</i>	18	1612MHz	3.5		Corr.	23 ^h 30 - 11 ^h 30 Focussing	R64N SPECTRA SPOT S	
28 Wed 29 Thur	SEARCH FOR OH MEGAMASERS Staveland-Smith, Chapman, Allen (AAO), Norris (RP)	18	1550-1685MHz	5	HE 11 HOH Dual LIN Pol.	Corr.		SPECTRA	
30 Fri OCT 1 Sat 2 Sun	PLASMA EMISSION IN STELLAR FLARES Lim, Vaughan (MU), Nelson, Troup, Sheridan (RP)	86	200-500MHz	10 ⁶ (Own)	200-500 MHz Log periodic circ. pol.	96 Channel F/Bank Spectro- meter		F/Bank Control Software	