

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 1

1. DURATION

The duration starts at 0800 hrs on Mon 4 Jan
and ends 0800 hrs on Thur 14 Apr.

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 2ND QUARTER 1988 IS 12th FEB 1988. *
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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.

ANU Australian National University
AR Arecebo
COR Cornell University

GSFC Goddard Space Flight Centre
ESA European Space Agency
JB Jodrell Bank
JPL Jet Propulsion Laboratory
MPI Max Planck Institute for Radio Astronomy
MSSSO Mount Stromlo and Siding Springs Observatory
MU Macquarie University
NRAO National Radio Astronomy Observatory
RP C.S.I.R.O. Division of Radiophysics
QU Queens University
TI Tata Institute for Research
UADEL University of Adelaide
UBC University of British Columbia
UKSTU UK Schmidt Telescope
UP University of Palermo
USYD University of Sydney
UTAS University of Tasmania

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									
JAN 4 Mon 5 Tue * 6 Wed 7 Thur 8 Fri 9 Sat 10 Sun	MAINTENANCE SHUTDOWN Parkes Staff								
11 Mon 12 Tue * 13 Wed 14 Thur 15 Fri 16 Sat 17 Sun	SPECTRA FLARE STARS Lim (MU), Nelson (RP), Vaughan (MU), Troup (RP)	21	1300-1500MHz	10	Circ Pol (Hybrid)	Corr 4x10MHz		DYNASPEC	
18 Mon	HI IN NGC 1549/1553 Hanes (QU), Murray (RP), Robertson (USYD)	21	1410-1420MHz	5		Corr 2x512 5 or 10 MHz BW		SPECTRA	
19 Tue * 20 Wed <i>prints</i>	STELLAR FLARES (VLBI TID AND HART) Stewart, Jauncey, Slee, Wright (RP), Beasley (USYD)	3.4	8400MHz	1		Cont		NODDY SPOT	

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JAN 21 Thur	METHANOL MASERS <i>Start</i> Wellington, Norris, Caswell Whiteoak (RP), McCutchen (UBC/RP), Peng (UNSW), <i>S. Bell</i> PTI DSS43 <i>PTI</i>	2.5	12.2GHz			PTI	PTI Times AEST 21 Jan 1540-1000	PTI	
22 Fri 23 Sat 24 Sun	OH/IR STARS Norris, Caswell, Calabretta, Forster, Gardner, Haynes, Kesteven, Troup, Wark, Wellington, Whiteoak (RP), Diamond (NRAO), Ananthakrishnan (TI)	18	1610-1614MHz	5	HE 11 RCP	PTI	PTI Times AEST 22 Jan 1535-0735 23 Jan 1700-1000 24 Jan 1530-1000	PTI	
25 Mon 26 Tue * 27 Wed 28 Thur	HI IN THE MAGELLANIC STREAM Waite (MSSSO) <i>Start + Start during day</i>	21	1420MHz	5	HE 11	Corr 2x512		SPECTRA	
29 Fri 30 Sat	SURVEY FOR MILLISECOND AND SHORT PERIOD PULSARS Manchester (RP), Lyne, Clifton (JB), d'Amico (UP), Kniffen (GSFC), Lim (MU)	20	1300-1750MHz		H OH	2x4x5MHz Filters	CAL Pulsed 1, 100, 1000 pps	OWN PULSAR A/D Par DMA I/Face	
31 Sun FEB 1 Mon 2 Tue *	STELLAR EVOLUTION AND NON- THERMAL EMISSION Slee, Nelson, Stewart (RP), Wright (RP)	3.4	8400MHz	1	Twin Beam Noddy	Cont		NODDY SPOT	

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MARCH									
13 Sun	← <i>Vet. cars = 11-100 km</i> [LMC]								
14 Mon	From previous page.....								
15 Tue *									
16 Wed									
17 Thur	<i>S. 6A ±12 a 30 2AM</i>	<i>Rack</i>							
18 Fri	<u>PULSAR PROPER MOTIONS</u>								
19 Sat	Bailes (MSSSO), Manchester,						PTI Times AEST		
20 Sun	Kesteven, Norris, Wellington, Calabretta (RP), Reynolds (MSSSO) PTI DSS43	18	1665MHz		HE 11 RCP	PTI	18 Mar 1800-1000 19 Mar 1800-1000 20 Mar 1800-1000		
21 Mon	<u>ACTIVE RADIO STARS</u>								
22 Tue *	Stewart, Slee, White, Troup (RP) PTI DSS43	13 3.4	<i>12 GHz + VLB</i> 2300MHz 8400MHz		S/X	PTI	PTI Times AEST 22 Mar 0630-0230 (23 Mar)	PTI	
23 Wed	<u>METHANOL MASERS</u>								
24 Thur	Caswell, Norris, Wellington,								
25 Fri	Whiteoak (RP), McCutchen (UBC/RP), Peng (UNSW)	2.5	<i>VLBI to S.A. Parkes</i> 12.2GHz <i>Hot Rack</i>			Corr		SPECTRA SPO	
26 Sat	<i>Telco + Fax</i>								
27 Sun									
28 Mon									
29 Tue *	<u>HOLOGRAPHIC SURVEY OF 64M</u>								
30 Wed	<u>TELESCOPE</u> Kesteven, Wellington, Calabretta, Shields, Corkish (RP)	2.4	12.4GHz		Sky Horn for Ref.			OWN	YES

Ref. Desk Extension

2AM

Telco + Fax

DATE	PROGRAMME	RECEIVERS			Feeds, Vertex etc.	Back end	Other Specifications	Computer Programs	Assistance requested ?
		2 cm	Tuned to frequencies/ velocities	Cal Size (K)					
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MARCH 31 Thur	SOUTHERN HEMISPHERE VLBI WITH SN ARRAY								
APRIL 1 Fri	Jauncey, Duncan, Wark, Carrad, Norris, Harvey, White (RP), Preston (JPL), Mutel (IOWA)	13	2.3GHz	5 20-30	Bonn Pol Feed RCP	VLBI	PTI Times AEST 31 Mar 1000-0200 1 Apr 1000-0200 2 Apr 1000-0200	SPOT	
2 Sat	McCulloch, Hamilton, McConnell (UTAS), Reynolds (ANU), Bird (UADEL), Tziomis (JB), UTCAN PTI & VLBI DSS45								
3 Sun	STRUCTURE FLAT-SPECTRUM SOURCES	13	2290MHz	3	HE 11 RCP	PTI	PTI Times AEST 3 Apr 1000-0200 4 ~ 1000-0200	PTI	
4 Mon	Duncan, White, Jauncey, Norris, Harvey, Wark (RP), Savage (UKSTU), Reynolds (ANU) PTI DSS45								
5 Tue *	SURVEY MILLISECOND AND SHORT PERIOD PULSARS (PT 2)	20	1300-1750MHz		HE 11 OH, H	1 & 5MHz Filters J Lim Filters	Cal pulsed 1, 100, 1000 pps	OWN PULSAR A/D DMA I/Face	
6 Wed	Manchester (RP) et al.								
7 Thur	OH/IR OBJECTS IN MAGELLANIC CLOUDS	18	1610-1612MHz	3	HE 11	Corr		R 64M SPECTRA	
8 Fri	METHANOL TOWARDS SOUTHERN HII REGIONS	2.4	12.2GHz	20	Dual Chan	Corr		SPECTRA R64M	
9 Sat	Whiteoak, Gardner (RP), Peng (UNSW)								
10 Sun									
11 Mon									
12 Tue *									

*Duncan & Richard
Kesteven
John Savage 11:00 PM
AM*

*Paraphed June 5-8
6:00 → 10:00 (3) set
2000-0200*



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APRIL 13 Wed	<u>RADIO STUDY EXOSAT BL LAC</u> <u>CANDIDATES</u> Tuohy, Brissendon (ANU), Giommi, Tagliaferri (ESA)	3.4	8.4GHz	1	Dual Feed Noddy	Cont		NODDY CROSS	

