

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 2

1. DURATION

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

The times listed are in Eastern Civil
Time (i.e. either Standard Time or Summer
Time as appropriate).

***** NOTE *****
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* CLOSING DATE FOR APPLICATIONS FOR TIME *
* FOR 3RD QUARTER 1988 IS 13th MAY 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 Observatory
COR Cornell University

GSFC Goddard Space Flight Centre
IOWA University of Iowa
JB Jodrell Bank
JPL Jet Propulsion Laboratory
MSSSO Mount Stromlo and Siding Springs Observatory
MU Macquarie University
PU Peking University
RP C.S.I.R.O. Division of Radiophysics
UADEL University of Adelaide
UBC University of British Columbia
UKSTU UK Schmidt Telescope
UNSW University of New South Wales
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									
APRIL 14 Thur 15 Fri 16 Sat 17 Sun 18 Mon 19 Tue	<u>METHANOL SURVEY TOWARDS HII REGIONS</u> Whiteoak, Gardner (RP), Peng (UNSW)	2.4	12.2GHz	15	Dual LIN Pol	Corr		64M Spectra S	YES
20 Wed	<u>12GHz POINTING CHECKS</u> and Whiteoak et al as above	2.4							
21 Thur	<u>OH/IR OBJECTS IN MAGELLANIC CLOUDS</u> Whiteoak, Gardner (RP), Wood, Bessell (MSSSO)	18	1610-1612Mhz	3	HE 11 Dual Lin Pol	Corr		64M Spectra S	
22 Fri 23 Sat 24 Sun	<u>PULSAR PROPER MOTIONS</u> Bailes (MSSSO), Reynolds, (MSSSO/JPL), Manchester, Kesteven, Norris, Calabretta (RP) PTI DSS43	18	1665MHz		HE 11 RCP	PTI	PTI Times AEST 22 Apr 1500-0300 23 Apr 1500-0300 24 Apr 1500-0300	PTI	YES
25 Mon (ANZAC)	<u>INSTALL 12 GHz Rx & POINTING</u>	2.4	12.2 GHz	15	Dual LIN				
26 Tue 27 Wed	<u>12 GHz METHANOL MASERS WITH OH & H2O MASERS</u> Caswell, Wellington (RP), McCutcheon (UBC), Peng (UNSW)	2.4	12.2 GHz	15	Dual LIN Pol	Corr		Spectra Spot	YES

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APRIL 28 Thur 29 Fri 30 Fri MAY 1 Sun	<u>METHANOL MASER SOURCES</u> Wellington (RP), McCutcheon (UBC), Norris, Caswell, Kesteven, Whiteoak, (RP), Peng (UNSW) PTI DSS43	2.4	12.2 GHz		Dual LIN Pol	PTI 2,1,0.5 MHz BW	Rhode & Scharz Synth. for LO 1 PTI Times AEST 28 Apr 1330-0500 29 Apr 1330-0130 30 Apr 1330-0500 01 May 1330-0500	PTI	YES
2 Mon 3 Tue 4 Wed	<u>HI IN NGC 5077 & ELUPTICALS</u> Sadler, (AAO), Whiteoak (RP)	21	1390-1420MHz	5	Dual LIN HE 11	Corr		Spectra 64M S	YES
5 Thur	<u>SET UP PTI 2.3GHz/SOFT-WARE DEVELOPMENT</u> Parkes Staff	13	2290MHz						
6 Fri 7 Sat 8 Sun	<u>CORE COMPONENTS EXTENDED GALAXIES</u> Hunstead, Robertson, McAdam (USyd) PTI DSS43	13	2290MHz		HE11 RCP	PTI	PTI Times AEST 6 May 0600-2200 7 May 0600-2200 8 May 0600-2200	PTI	YES
9 Mon 10 Tue	<u>HARDWARE/SOFTWARE TESTS 96-CHANNEL FILTER BANK</u> Lim (MU), Nelson (RP), Vaughan (MU)	20	1350-1750MHz		HE 11 HOH Dual LIN Pol	96 Chan F/Bank	1-2 GHz quadrature hybrid	Own	
11 Wed 12 Thur	<u>PULSAR MEAN PULSE POLARIZATION</u> Wu Xinji (PU), Manchester (RP), Lyne (JB)	20	1350-1700MHz	1	HE 11 HOH Dual LIN Pol	Jodrell Bank 1 & 5MHz Filters	Pulsed Cal lpps	Own	

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MAY 13 Fri * 14 Sat 15 Sun 16 Mon 17 Tue 18 Wed	<u>SURVEY MILLISECOND & SHORT- PERIOD PULSARS</u> Manchester, (RP), Lyne, Student (JB), D'Amico (UP), Kniffen (RP/GSFC), Lim (MU/ RP) Part I	20	1350-1750MHz	1		Jod Bank Filters 96 Chan Filters	Pulsed Cal 1 pps, 10Hz-1KHz	Own	
19 Thur	<u>PTI INSTALLATION 2.3 GHz SOFTWARE DEVELOPMENT</u> Parkes Staff	13	2290MHz		HE 11 RCP	PTI		PTI	
20 Fri 21 Sat 22 Sun 23 Mon 24 Tue	<u>SMALL-SCALE STRUCTURE FLAT- SPECTRUM SOURCES</u> Duncan, White, Jauncey, Norris, Harvey, Wark (RP), Savage (UKSTU), Taaffe PTI DSS45	13	2290MHz		HE 11 RCP	PTI	PTI Times AEST 20 May 0530-0130 21 May 0530-0130 22 May 0530-0130 23 May 0530-1900 24 May 0530-0530(25)	PTI	
25 Wed 26 Thur 27 Fri 28 Sat 29 Sun 30 Mon 31 Tue	<u>PULSAR SURVEY</u> Manchester et al. Part II	20							

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* = extended maintenance period									
<u>JUNE</u> 1 Wed 2 Thur	<u>HIGH SENSITIVITY PULSAR SEARCH</u> <u>Manchester, (RP) et al.</u>	20							
3 Fri 4 Sat 5 Sun 6 Mon 7 Tue	<u>SOUTHERN HEMISPHERE VLBI WITH SN ARRAY</u> <u>Jauncey, Duncan, Wark, Carrad Norris, Harvey, White (RP), Preston (JPL), Mutel (Iowa), McCulloch, Hamilton, McConnell, (UTas), Reynolds (ANU), Bird, (UAdel), Tziomis (JB)</u>	13	2290MHz	5 25	HE 11 RCP	PTI VLBI		Spot	
8 Wed 9 Thur 10 Fri 11 Sat 12 Sun 13 Mon 14 Tue 15 Wed 16 Thur 17 Fri 18 Sat 19 Sun	<u>LARGE SCALE STREAMING MOTIONS IN LOCAL UNIVERSE</u> <u>Mathewson, Ford (MSSSO), Savage (UKSTU), Haynes (CU), Giovannelli (Ar)</u>	21	1370-1420MHz	5	HE 11 LIN Pol	Corr 2 X 512		Spectra	
20 Mon 21 Tue 22 Wed	<u>INSTALL K-BAND/POINTING</u> Parkes Staff	1.3	22-236GHz	10	Circ Pol T.P.	Line Cont			

