

D. Cooke

AUSTRALIAN NATIONAL RADIO ASTRONOMY OBSERVATORY

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

OBSERVING SCHEDULE FOR 1987, QUARTER 1

1. DURATION

The duration starts at 0800 hrs on Thur 1 Jan and ends 0800 hrs on Wed 25th March.

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 2nd QUARTER IS 13th FEBRUARY 1987 \*  
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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.

CALTEC California Institute of Technology  
GSFC Goddard Space Flight Centre  
JB Nuffield Radio Astronomy Laboratory

MIT Massachusetts Institute of Technology  
MPI Max Planck Institute for Radio Astronomy  
MSSSO Mount Stromlo and Siding Springs Observatory  
RP C.S.I.R.O. Division of Radiophysics  
UNSW University of New South Wales  
UPAL University of Palermo  
UTAS University of Tasmania



DATE	PROGRAMME	RECEIVERS			Feeds, Vertex etc.	Back end	Other Specifications	Computer Programs	Assistance requested ?
		$\lambda$ cm	Tuned to frequencies/ velocities	Cal Size (K)					
* = extended maintenance period									
JAN 22 Thur 23 Fri 24 Sat 25 Sun 26 Mon	Error Detector Mods and Pointing Tests Sciacca and Parkes Staff.	AT 18							
27 Tue	Directors Time PTI Install								
28 Wed 29 Thur 30 Fri 31 Sat FEB 1 Sun	OH Maser Sources NORRIS, CALABRETTA, CASWELL, FORSTER, HAYNES, KESTEVEN, WELLINGTON (RP) Proper Motion Circinus X-1 HAYNES (RP) (PTI DSS43)	AT 18	1665-1667 MHz	10	IHE	PTI	Hybrid for Circ. Pol Tid Times (AEST) Wed 28 2200-1530 Thu 29 2200-1400 Fri 30 2200-1400 Sat 31 2200-1700 Sun 1 2200-0700	PTI	
2 Mon 3 Tue 4 Wed 5 Thur 6 Fri 7 Sat 8 Sun 9 Mon 10 Tue 11 Wed	Directors Time HI Survey Magellanic Stream MATHEWSON, FORD, WAYTE, STUDENT (MSSSO)	AT 21	1420 MHz	5	IHE	Corr	2 Spectra, 512 Channels	SPECTRA	

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<u>FEB</u>									
12 Thur	Velocities Dwarf Galaxies  Directors Time MOULD, MADORE (CALTEC), <u>MURRAY</u> (RP)  Motion Local Group MOULD, BOTHUN (CALTEC) DAWE (MSSSO), <u>MURRAY</u> , WRIGHT (RP)  Directors Time	AT 21	1390-1420 MHz	5	IHE	CORR	2 Spectra, 512 Channels BW 5 & 10 MHz	SPECTRA	
13 Fri									
14 Sat									
15 Sun									
16 Mon									
17 Tue									
18 Wed									
19 Thur									
20 Fri									
21 Sat									
22 Sun									
23 Mon									
24 Tue									
25 Wed									
26 Thur									
27 Fri	Survey Millisecond and Binary Pulsars <u>MANCHESTER</u> (RP), <u>LYNE</u> (JB) <u>D'AMICO</u> (UPAL) <u>KNIFFEN</u> (GSFC)	AT 21	1300-1420 MHz	Pulsed 1K 0.1K	IHE	Own Filters	Filter Bank 2 x 4 x 5 MHz (50 MHz IF) Pulsar A/D Config.		
28 Sat									
<u>MAR</u> 1 Sun									



DATE	PROGRAMME 8 <sup>h</sup> 14 <sup>h</sup> 16 <sup>h</sup>		RECEIVERS			Feeds, Vertex etc.	Back end	Other Specifications	Computer Programs	Assistance requested ?
			$\lambda$ cm	Tuned to frequencies/ velocities	Cal Size (K)					
* = extended maintenance period										
MAR 19 Thur 20 Fri 21 Sat	Dual Beam Mapping Extended Sources  HAYNES, MILNE, KESTEVEN (RP)		3.6	8.4 GHz	1	NODDY	CONT.	PARALLACTIC ANGLE TRACKING	SCAN NODDY SPOT AIPS	
22 Sun	SNR Idents. TAISHENG, TURTLE (UNSW)		3.6	8.4 GHz	1	NODDY	CONT		SCAN	
23 Mon 24 Tue	Directors Time	Cataclysmic Variables  CROPPER (AAO), WRIGHT, NELSON, SLEE, STEWART (RP)	3.6	8.4 GHz	1	NODDY	CONT.		NODDY SPOT	
END OF QUARTER.										