AUSTRALIAN NATIIONAL RADIO ASTRONOMY OBSERVATORY

P O BOX 276 PARKES. NSW 2870 Tel (068) 62 3677 TLX "QASER" AA63999

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).

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 <u>qualified telescope operator must be present in the control room</u> 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

		RECEIVERS					·				
DATE	PROGRAMME										
	8 ^h 14 ^h 16 ^h	λ cm	Tuned to frequencies/ velocities	Cal Size (K)	Feeds, Vertex etc.	Back end		Computer	Assistance requested	and the second	
= extended maintenance period			101001010	(10)	eu.	eru	Specifications	Programs	3 - 3	A COMPANY NO THE NAME OF	
JAN 1 Thur 2 Fri 3 Sat 4 Sun 5 Mon	Pulsar Proper Motions BAILES (MSSSO), MANCHESTER, NORRIS, KESTEVEN, KOMESAROFF, WELLINGTON (RP) (PTI DSS43)	AT 18	1.665GHz		1HE	PTI	Hybrid for Circ Pol Tid Times (AEST) Thu 1 2000-1200 Sat 3 0350-1500 Sat 3 2000-1530 Sun 4 2200-0700 Mon 5 1100-1745	PTI	NO		
6 Tue 7 Wed	Directors Scan Tests Time PARKES STAFF										
8 Thur 9 Fri 10 Sat 11 Sun	OH External Galaxies GARDNER, WHITEOAK, NORRIS (RP) OH in Magellanic Cloud WHITEOAK, GARDNER (RP) WOOD, BESSELL (MSSSO)		1610-1612 MHz 1650-1665 MHz	5	1HE	Corr		Spectra 64M	NO		
12 Mon / 13 Tue 14 Wed 15 Thur 16 Fri 17 Sat 18 Sun 19 Mon	Pulsar Search in LMC Directors and SMC Time ABLES, JACKA, Hall, (R) Hamilton, McCulloch, McConnell (UTAS)	70 50 P) 32	U. Tas Receivers 430,600, 950 MHz		Disc Feeds integral to Receivers	E .	Minimum Impulsive Interference	Own LMC/SMC Search Programs			
20 Tue 21 Wed	Directors Circ Pol OH Maser Time CASWELL, FORSTER, HAYNES (RP)	s AT 18	1612-1720 MHz	10	1HE	Corr	Vertex Rad. Hybrid to form Circ Pol.	Spectra Spot			
			-								

DATE	DATE PROGRAMME 8 ^h 14 ^h 16 ^h * = extended maintenance period		RECEIVERS					l ,			
			3	Tuned to frequencies/	Cal Size	Feeds, Vertex	Back	Other	Computer	Assistance requested	
* = exten			2 an	velocities	(K)	etc.	end	Specifications	Programs	3	
<u>JAN</u> 22 Thur 23 Fri 24 Sat 25 Sun 26 Mon		Error Detector Mods and Pointing Tests Sciacca and Parkes Staff.	AT 18								
27 Tue	Directo Time	rs 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	1HE	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	Director Time	HI Survey Magellanic S Stream MATHEWSON, FORD, WAYTE, STUDENT (MSSSO)	AT 21	1420 MHz	5	1HE ·	Corr ·	2 Spectra, 512 Channels	SPECTRA -		
lU Tue ll Wed	Directo Time	rs									ł

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* = exten	* = extended maintenance period		velocities	(K)	etc.	end	Specifications	Programs	3	
<u>FEB</u>										
12 Thur									,	
13 Fri										
14 Sat	Velocities Dwarf									
15 Sun	Galaxies	AT 21	1390-1420 MHz	5			2 Spectra,	SPECTRA		
16 Mon	,	21			1HE	CORR	512 Channels BW 5 & 10 MHz			
17 Tue	Directors		Di virgini di constanti di cons							
18 Wed	Time MOULD, MADORE								İ	
19 Thur	(CALTEC), <u>MURRAY</u> (RP)						. •			
20 Fri	Motion Local Group				,					
21 Sat	MOULD, BOTHUN (CALTEC) DAWE (MSSSO), MURRAY,				ur e cinconnumbre		·			1
22 Sun	WRIGHT (RP)									
23 Mon										
24 Tue	Directors .									
25 Wed			-							
26 Thur										
27 Fri	Survey Millisecond and									1
28 Sat	Binary Pulsars MANCHESTER (RP),	AT 21	1300-1420 MHz	Pulsed 1K	1HE	Own Filters	Filter Bank 2 x 4 x 5 MHz			
MAR	LYNE (JB) D'AMICO		· //	Q. 1K		1110013	(50 MHz IF) Pulsar A/D Config.			
1 Sun	(UPAL) KNIFFEN (GSFC)						Pulsar A/D Config.			
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						1.				
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DATE	8 ^h 14 ^h 16 ^h		RECEIVERS		L. C.	ļ				
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* = extended maintenance period							Special College	FIOGLAND		
MAR 2 Mon 3 Tue 4 Wed 5 Thur	Directors Time WIE BUZCI	lapping LMC, SMC S, HUNT (RP), LEBINSKI. LOWSKI (MPI), WSON, STUDENT	AT 18	1650 MHz 300 MHz BW	1	1HE	BONN POL	Hybrid for Circ Pol.	SCAN	
6 Fri	Insta	ll AT 5cm	AT 5	6035 MHz		1HE				į
7 Sat 8 Sun	CASWE	ation AT Rx at 6 GHz LL, FORSTER, S (RP)	AT 5	6035 MHz	10	1HE	Corr	Corr 2 x 512 Spectra BW 0.5, 1.0, 2.0, 5.0 MHz Vertex Rad.	SPECTRA SPOT	
9 Mon 10 Tue	emiss Directors	asi-thermal ion and absorption <u>GARDNER</u> , ITEOAK (RP)	AT 5	6035 MHz	10	1HE	Corr		SPECTRA	
ll Wed l2 Thur	Point	ll X-BAND ing Tests KES STAFF	3.6	8.4 GHz	1	NODDY	CONT.			
13 Fri 14 Sat 15 Sun 16 Mon	Non-TI	ar Evolution and hermal Emission NELSON, STEWART, T (RP)	3.6	8.4 GHz	• 1	NODDY	CONT.		NODDY CIRCUS	
17 Tue 18 Wed	Time BRIS	X-Ray Selected AGN SSENDEN, TUOHY, ELL (MSSSO), LARD (MIT)	3.6	8.4 GHz	1	NODDY	CONT.		NODDY	

DATE	PROGRAMME	PROGRAMME RECEIVERS					,		
·	8 ^h 14 ^h 16 ^h		Tuned to frequencies/ velocities	Cal Size	Feeds, Vertex	Back	Other	Computer	Assistance requested
* = exten	* = extended maintenance period		velocities	(K)	etc.	end	Specifications	Programs	3
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	Cataclysmic Variables Directors Time CROPPER (AAO), WRIGHT, NELSON, SLEE, STEWART (RP)	3.6	8.4 GHz	1	NODDY	CONT.		NODDY SPOT	Topics of the state of the stat
	END OF QUARTER.								