## 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 TIMES.

## 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. EOUIPMENT PERFORMANCE SUMMARY

Please fill in an return Equipment Performance Summary sheet at the end of your observing session. The box containing these forms is attached to the central tower in the control room.

## 8. LIAISON 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 technical matters, driving requirements etc.

y .	KEY	TO	ARE	REV	LLAT	.ONS
		<del></del>				

RP CSIRO, Division of Radiophysics AAO Anglo-Australian Observatory ANU Australian National University UKSTU UK Schmidt Telescope TEST Two-Flement Synthesis Telescope UTAS University of Tasmania UMAN University of Manchester Imperial College, London IC University of Bochum UBOCH

			RECEIVERS						Assist-
DATE	PROGRAMME 8 <sup>h</sup> 14 <sup>h</sup> 16	1 cm	Tuned to frequenc- ies/	Cal size	Feeds, vertex	Back	Other	Computer	ance request -ed
* = ex	* = extended maintenance period		velocities	(K)	etc.	end	Specifications	programs	?
JAN  Mon  Tues	T.E.S.T. Ables et al	21							
30 Sat 31 Sun									
FEB  1 Mon 2 Tues 3 Wed 4 Thur 5 Fri 6 Sat 7 Sun	LMC PULSAR SEARCH  McCulloch, Hamilton, Ables, Hunt  *Directors (UTAS, RP)  Time	50	640 MHz	1-10	UTAS Filter Bank			Own.	Yes
8 Mon 9 Tue 10 Wed 11 Thur 12 Fri	*Directors Time  Caswell, Haynes  (RP)	18	1612-1720 1666 MHz First	20	1 HE	CORREL. 2 I.F.s 4 QUAD 0.2,0.5, 1.0,2.0	Lin. pol. Vertex radiator	STAKFL SPCTRA POINT	

			RECEIVERS						Assist-
DATE	PROGRAMME 8h 14h 16	J cm	Tuned to frequenc- ies/ velocities	Cal size (K)	Feeds, vertex etc.	Back end	Other Specifications	Computer programs	ance request -ed ?
* = ex	* = extended maintenance period		701001010	(11)			· · ·	programs	•
FER 13 Sat 14 Sun	INSTALL AND TESTS OF 21 CM RECEIVER Parkes Staff and Mur	21					•		
15 Mon 16 Tue 17 Wed	*Directors Time deVaucouleur Murray, Dawe	s <sup>2</sup> ,	1400 - 1420 MHz	10	1 HE	CORREL 2x512 BW 5, 10 MHz		SPCTRA	
1º Thur	EMISSION SOU <u>Kukari</u> (UBER		·						
19 Fri 20 Sat 21 Sun 22 Mon	PULSAR SEARCE Manchester, Tuohy and D'Amico (RP, ANU)	1 21 1	1405 MHz	2 and 0.02 PULST	Standard	50 MHz IF into own filter	Pulse cal period 10 ms - ls, Width lms - 100 ms	Own.	
23 Tue 24 Wed 25 Thur	*Directors HUBBLE Time CONSTANT DETERMINATIO Visvanathan (ANU)	N 21	1425 <b>→</b> 1370	5	Standard	CORREL 10 MHz BW 4x256 2 Polzn.		SPCTRA	YES

			RECEIVERS						Assist-
DATE	PROGRAMME 8 <sup>h</sup> 14 <sup>h</sup> 16		Tuned to frequenc- ies/	Cal size	Feeds, vertex	Back	Other	Computer	ance request -ed
* = ex	tended maintenance period	λ cm	velocities	(K)	etc.	end	Specifications	programs	?
FFB  26 Fri  27 Sat  28 Sun  MARCH  1 Mon	HI IN GALAXIES  Jenkins (ANU)  SHELLS McGee, Newton, Meaburn  (RP, UMAN)  Whiteoak +	21	1420 → 1400 MHz	10	Standard				
2 Tues 3 Wed -4 Thur	*Directors GAS IN Time GLOBULAR CLUSTERS Wright, Faulkner, Wood, Smith, Taylor, Reay, Atherton (RP, ANU, AAO, IC)	21	1420 + 200 km/s	5	Standard	CORREL 2x512		SPCTRA	
5 Fri 6 Sat 7 Sun 8 Mon 9 Tue 10 Wed	PULSAR HI ABSORPTION  Manchester, MCulloch, Wellington  (RP, UTAS)  *Directors Time	21		5	Standard	300 MHz I.F. 2 Pols to upper and lower hal of filter bank 33 kHz BW	f	Own	
11 Thur 12 Fri 13 Sat 14 Sun	Z-DISTRIBUTION OF HI  Rohlfs (UBOCH)	21	1420 <u>+</u> 10 MHz	10	Standard			SPCTRA	YES

			RECEIVERS						Assist-
DATE	PROGRAMME 8 <sup>h</sup> 14 <sup>h</sup> 16	J cm	Tuned to frequenc-ies/	Cal size		Back	Other	Computer	ance request -ed
* = ex	* = extended maintenance period		velocities	(K)	etc.	end	Specifications	programs	?
MARCH 15 Mon 16 Tue	INSTALL 6CM RECEIVER *Directors Time	6	5000 MHz	1	NODDY	CONT			
17 Wed 18 Thur	STELLAR MASS LOSS	6	5000 MHz	1	NODDY	CONT		NODDY STAKFL	
19 Fri 20 Sat 21 Sun	RS CVN STARS Slee, Haynes, Wright (RP)	6	5000 MHz	1	NODDY	CONT		NODDY STAKFL	
22 Mon 23 Tue	DEEP SURVEY SOURCES  *Directors Savage, Peterson Time Wright, Jauncey (UKSTU, ANU, RP)	6	.5000 MHz	1	NODDY	CONT		STAKFL NODDY	
24 Wed 25 Thur	BL LAC OBJECTS Allen, <u>Wright</u> , Ables, Cooke (AAO, RP)	6	4830/5150 and 5000 MHz	5	NODDY	CONT	SPECIAL BAND SPLIT	NODDY 3	
26 Fri 27 Sat 28 Sun	ROTATING OSO and SS433 Komesaroff, Milne, Raynor, Roberts, Cooke (RP)	6	5000 MHz		OLD 1 HE + ¼ Wave Plat Horn & Helix			POLAR 7	
29 Mon 30 Tue 31 Wed	INSTALL K BAND RECEIVER, POINTING *Directors AND CALIBRATION Time	1			NODDY				

				ŖECEIVERS						Assist-
DATE	8 <sup>h</sup> 14 <sup>h</sup> 16			Tuned to frequenc-ies/	Cal size	Feeds, vertex	Back	Other	Computer	ance request -ed
* = ex	* = extended maintenance period		7 cm	velocities	(K)	etc.	end	Specifications	programs	?
APRIL 1 Thur 2 Fri	Time Sle	S CVN STARS ee, Haynes, ight (RP)	1	22 GHz	0.5	NODDY	CONT.	Feed Rotation Required	NODDY STAKFL	
3 Sat 4 Sun	STELLAR MASS Wright, Hayne		1	22 GHz	0.5	NODDY	CONT.	Feed Rotation Required	NODDY STAKFL	
5 Mon 6 Tue	*Directors Time	OIO GALAXIES Smith, Wellingtor Bicknell (ANU, RP)	1	22 GHz	1	NODDY	CONT.	Feed Rotation Required		and the second s
7 Wed 8 Thur 9 HOL	For	TER MASERS ster, Wellington chelor (RP)	1	22,235 ± 50 MHz	10	NODDY	CORREL.		SPCTRA	
10 Sat 11 Sun 12 HOL	For	N OF WATER MASERS ster, <u>Batchelor</u> (RP)	1	22,235 ± 200 MHz	10	NODDY	CORREL.		SPCTRA	
13 Tue 14 Wed 15 Thur	*Directors Time Whi	SERVATIONS OF  H2O AND NH3  Leoak, Gardener, Incey, Batchelor (RP)	1	22.19 - 23.68 GHz	5	NODDY	CORREL.		SPCTRA	
16 Fri 17 Sat 18 Sun 19 Mon		COMBINATION LINES I II REGIONS P. Newton (RP)	1	22.36 - 22.38 GHz	5	NODDY	CORREL.		SPCTRA	

			RECEIVERS						Assist-
DATE	PROGRAMME 8 <sup>h</sup> 14 <sup>h</sup> 16	λ cm	Tuned to frequenc- ies/ velocities	Cal size (K)	Feeds, vertex etc.	Back end	Other Specifications	Computer programs	ance request -ed ?
* = ex	tended maintenance period			(20)			Decerifications .	programs	
APRIL  20 Tue 21 Wed 22 Thur 23 Fri 24 Sat	Ables, Cooke, Skjerve and U.T.	13 and 3							
25 HOL 26 Mon 27 Tue 28 Wed 29 Thur 30 Fri MAY	*Directors								
1 Sat 2 Sun 3 Mon							·		
4 Tues 5 Wed TO 30 Sun 31 Mon	T.F.S.T. Ables et al								
JUNE 1 Tue	CLOSED DUE TO ALTERATIONS	0							

			RECEIVERS						Assist-
DATE	PROGRAMME 8 <sup>h</sup> 14 <sup>h</sup> 1630		Tuned to frequenc- ies/	Cal size	Feeds, vertex	Back	Other	Computer	ance request -ed
* = ex	* = extended maintenance period		velocities	(K)	etc.	end	Specifications	programs	3
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DATE	PROGRAMME		RECEIVERS Tuned to	Cal	Toods				Assist- ance	
	8 <sup>h</sup> 14 <sup>h</sup> 1630		frequenc- ies/ velocities	size	Feeds, vertex	Back	Other	Computer	request -ed	
* = ex	tended maintenance period	) Cm	velocities	(K)	etc.	end	Specifications	programs	?	
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