Dave, No letter came from Jon Ables so I had to sand program out

### AUSTRALIAN NATIONAL RADIO ASTRONOMY OBSERVATORY

P.O. Box 276, PARKES. NSW 2870 Tel (068) 63-3131 TLX "QASER" AA63999

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

### OBSERVING SCHEDULE FOR 1984, QUARTER 2

#### DURATION

The quarter starts at 0800 hrs on Monday 2nd April. and ends 0800 hrs on Thursday 5th July.

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. Please note also that there is no observing at weekends, except in exceptional circumstances as determined by the Director. A 'weekend' is presently defined as beginning at 2400 hours on the Friday and ending at 2400 on the Sunday.

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 observing periods.

#### 3. TELESCOPE DRIVING

Whenever the telescope is not stowed a qualified driver 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. OBSERVING SOFTWARE

Observers who are unfamiliar with the operation of the new Observing Programs they are intending to use are advised to come to the Observatory, say a day early to receive some instructions in their use.

## WIND RESTRICTIONS

Instruction for the operation of the telescope in wind are displayed in the control room. The telescope driver, not the observer, is the person responsible for any action to be taken. No one may override an automatic wind-stow operation initiated by the PDP-11 computer except in an emergency situation as determined by the telescope driver on duty.

# 6. ACCOMMODATION

Accommodation at the Quarters is usually available from the night before an observing session starts until the day

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.

#### 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.

# 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.

# KEY TO ABBREVIATIONS

RPCSIRO, Division of Radiophysics UNSW University of N.S.W. Anglo Australian Telescope TAA YO Yunnan Observatory, China ANU Australian National University Jodrell Bank. JOD USYD University of Sydney UPAL University of Palermo UTAS University of Tasmania

UKSTU Uk Schmidt Telescope unit RAL Rutherford Appelton Lab

				ı		•	1.				
	DATE	1	PROGRAMME		RECEIVERS	·	2 3-4				
		8 <sup>h</sup> 14 <sup>h</sup>			Tuned to frequencies/	Cal Size	Feeds, Vertex	Back	Other	Computer	Assistance requested
	* = exten	* = extended maintenance period		- <b>2</b> cm	velocities	(K)	etc.	end	Specifications	Programs	?
	MAR										
	31 Sat	The second secon									1
	APR		and the same of th								
	1 Sun				1		'				1
	2 Mon		"NH <sub>3</sub> in star formation regions"								
	3 Tue	* Direct	ctors	1	23-24 GHz	1	Noddy	Correl	1	Spectra	1
	4 Wed	Time	Taylor, Han and Vaille (UNSW)					2 x 512	1	J. J	1
	5 Thu		"NH <sub>3</sub> Survey"					Correl		Spectra	
	6 Fri			1.3	23.69-23.72 GHZ	5K	Noddy	t Cont		Spot	
	7 Sat					Button and management of the sales of the sales					
	8 Sun						1				
	9 Mon		Cont.		* * * 1 * * * * *						
97	10 Tue	* Direct					1				1
SIN	10 Tue 11 Wed 12 Thu	Time	"Extragalactic H <sub>2</sub> 0"								
3	12 Thu		Gardner & Whiteoak (RP)	1.3	22.12-22.24 GHz	5K	1	Correl +		Spectra Spot	!
	13 Fri				Care	1	1	Cont		Spot	
1	14 Sat	A C AND REPORTED LINES THE REPORT AND REAL TO STATE OF						,		-	
1	15 Sun										
1								The same and the same and the same and the same			-
			AND STORE ON THE PROPERTY OF THE OWNER OF THE PROPERTY OF THE			AMERICAN PROPERTY.	and a results retrievely over research	distribution of the second			, care and a second

		1			Ţ				
DATE	PROGRAMME		RECEIVERS						·
	8 <sup>h</sup> 14 <sup>h</sup> 16 <sup>h</sup>		Tuned to frequencies/ velocities	Cal Size (K)	Feeds, Vertex etc.	Back end	Other Specifications		Assistance requested ?
* = exte									
APR  16 Mon  17 Tue  18 Wed  19 Thu  20 Fri  21 Sat  22 Sun  23 Mon  24 Tue  25 Wed  26 Thu  27 Fri  28 Sat  29 Sun  30 Mon  MAY	Shutdown Cont.  Shutdown Cont.  Recalibration of K-band system Parkes Staff.  "Galactic H <sub>2</sub> O survey"	1.3				Correl 3IF			
1 Tue 2 Wed 3 Thu 4 Fri	*Directors Time	1.3	22.2GHz	4K	····· 2 · · ·	3 spec lx10MHz, 512 2x10MHz, 256		Spectra Spot Scan	Yes
5 Sat 6 Sun									

			1	A 11 PROPERTY OF SEC.		1				
DATE	Į.	PROGRAMME		RECEIVERS	. ,					
	8 <sup>h</sup> 14 <sup>h</sup> 16 <sup>h</sup> extended maintenance period		<b>λ</b> cm	Tuned to frequencies/velocities	Cal Size	Feeds, Vertex	Back	Other	Computer	Assistance requested
* = extend			- Car.	ACTOCITIES	(K)	etc.	end	Specifications	Programs	3
MAY		"Symbiotic Stars"	1.3	22.3 ŒHz	1K	Noddy	Cont.		Spot Noddy	
7 Mon 8 Tue	*Directo	Wright, Allen, Haynes, ors Milne (RP, AAO)	4.0	22.0	III	wany	Chic.		Scan	
9 Wed	Time	"Planetary nebulae"	- ~	22.2						
10 Thu		Milne (RP)	1.3	22.3 GHz	1K	Noddy	Cont.		Noddy	
ll Fri		Install L-band RX	21							
12 Sat										
13 Sun										
14 Mon 15 Tue	*Directo	ore			- International Control of the Contr		Correl 4 x IFs	Need to determine	Spectra Redspec	
16 Wed	Time	naios	~=				Q1,PolA,2	2MHz beamwidth	Spot Scan	
17 Thu		McGee et al (RP)	21	1415-1422 MHz	10K		$\Omega$ 3,PolB,2	5MHz more accurate 2MHz than by SPOT/	TA	
18 Fri							Q4,PolB,5	OF HZ RUAN	·	
19 Sat										
20 Sun						·- · · · · · · · · · · · · · · · · · ·				
21 Mon		"PSR 1509-58 dispersion" Manchester, Durdin, ors/d'Amico(RP,USYD,UPAL	21	1360-1420 MHz	0.1-1 pulse		50 MHz IF 4x5 MHz fi	<b>.</b>		
22 Tue	*Directo		1)	Mus	burse		AX) LITT T	liters		
23 Wed	-	"Fast pulsars"  Ables, Jacka, McCulloch,	21				Own	Area must be radio	Own	
24 Thu 25 Fri	1	Hamilton (RP, UTas)	<del>-</del>					quiet.		
25 Fri										
26 Sat										
27 Sun							-	***		
						and street with and ought amounts by the wife of the street				

1	No. 200 Comments and the Comments of the Comme						J		1	1	1
	DATE	F	PROGRAMME		RECETVERS	e Çirilinin					
-	·.	8 <sup>h</sup> 14 <sup>h</sup> 16 <sup>h</sup>		3	Tuned to frequencies/	Cal   Size	Feeds, Vertex	Back	Other	Computer Programs	Assistance requested ?
	* = exten			<b>À</b> CM	velocities	(K)	etc.	end	Specifications		
2 3 3 J	MAY 28 Mon 29 Tue 30 Wed 31 Thu UN 1 Fri	* Direc Time	"High velocity HI" Han, Seely, <u>Taylor</u> , tor Vaille (UNSW) "Young O/B clusters" Taylor, Denby (UNSW)	21	1420 MHz	10ĸ		Correl 2 x 512	Observers to arrange own sharing of time.	e Spectra	No
ì	2 Sat 3 Sun										
1	4 Mon 5 Tue 6 Wed	* Dire Time	"Clusters of galaxies" ctor Dawe, Dickens et al (UKSTU, RAL)	21	1350-1425 MHz	10K		Correl 2 x 512		Spectra Redspec.	Yes
	7 Thu 8 Fri		"Local super cluster"  Staveley-Smith, Davies Murray (Jod, RP)	21	1350-1430 MHz	10K		Correl 4 x 10 MHz		Spectra Redspec	Yes
10	9 Sat 0 Sun		·~~~								
12	}	* Direct Time T					* · · · · · · · · · · · · · · · · · · ·				
14	3 Wed 4 Thu 5 Fri	<u>.</u>	Stream Survey"  (A Flynn, Kolmonie  Mathewson) Ford (ANU)	21	14 20 MHz			Correl 2 x 512	Will supply own magtapes.		
ľ	6 Sat 7 Sun							-			
		1				1		<u>L</u>			<u> </u>

			RECEIVERS	, <sub>p</sub> , z <sup>k</sup>	**************************************				
LMIÈ	PROGRAMME								
**	8 <sup>h</sup> 14 <sup>h</sup> 16 <sup>h</sup>	a cm	Tuned to frequencies/	Cal Size	Feeds, Vertex	Back	Other	Computer	Assistance requested
* = extend	nded maintenance period	A CILL	velocities	(K)	etc.	end	Specifications	Programs	3
JUN	"Polarization tes	sts"							<del> </del>
18 Mon	Haynes, Murray (	(RP)	1460	- 70		Cont/Pol			
19 Tue	* Directors Time	12	+ 7.5 MHz	5-10 K		Bonn		Scan	
20 Wed	Instal 18cm RX	18							
21 Thu	"Symbiotic Stars Norris, Allen, W	Wright, 18	1612-1677 MHz	10K		Correl		Spectra	
22 Fri	Haynes (RP, AAO)							precua	
23 Sat	1 2 1 1					<del>                                      </del>		+	
24 Sun	Done feet &								
25 Mon	"External galaxie Gardner,	es"   18	1600-1690 MHz			Correl Lin + Circ	10	Spectra	
26 Tue	* Directors Whiteoak	(RP)	TOOO-TOOO MENS			Lin + Circ	12512	Spot	
27 Wed	Time "IR/OH sources" Wang, Chen (YO)					101111			YES
28 Thu	"Polarization of			10K	Feed rot	Correl	Feed position	Spectra	
29 Fri	Forster, Batchelon	asers" 10   or, Norris, Gay	/ (RP)	TOK	req.	2x0.2 MHz	Logging required		
30 Sat	I C A D					1 .			
JLY	Joms & Rocks								
1 Sun									
2 Mon	Cont.								
3 Tue	* Directors	18			Lin				
4 Wed	Time	'			Vertex Radiator	,			
5 Thu	END OF QUARTER.			<b> </b>	rautaut	·			
6 Fri		'							
7 Sat						1			
8 Sun			1						1
1 1	·	, <u> </u>			1		<u> </u>		