

D. Cooke
Parkes

CSIRO - DIVISION OF RADIOPHYSICS

ALLOCATION OF TELESCOPE OBSERVING TIME AT PARKES RADIO OBSERVATORY

SECOND QUARTER 1974

1. DURATION - The quarter starts at 0800 hours on Tuesday, 2 April 1974 and will finish at 0800 hours on Monday 1 July 1974.
2. SHUTDOWN - The first two weeks of the quarter will be taken up by the telescope overhaul shutdown and the Easter holidays.
3. FORMAT - Please note:
 - (a) Day time on Tuesdays, Wednesdays and Thursdays is allocated to the Officer-in-Charge, Parkes. The additional day of Thursday has been added to establish more time for computer development.
 - (b) The computer maintenance time (^C/m), extends from 0800 to 1630 hours.
 - (c) In the final column the times for computer development are 0800 to 1300 hours, unless otherwise specified by the observers. Please check if any of the times set down conflict with observing plans and contact the secretary if adjustments are necessary.
4. OBSERVATION TIMES - The A.E.S. Times available for observations are:

Monday	1630 - 0800
Tuesday, Wednesday, Thursday,	
Friday	1300 - 0800
Saturday, Sunday	0800 - 0800

If the period 0800 - 1300 hours on Tuesdays to Thursdays is not needed for maintenance purposes, the Officer-in-Charge may allow observations (provided a suitable alternative period of not less than four consecutive hours has been made available for the scheduled PDP9 program developer on those days).

5. CHANGES TO THE PROGRAM - Any other changes to this program must be approved by the Secretary, P.P.C., who will notify the Officer-in-Charge and Operations Manager at Parkes.
6. COMPLETION OF AN OBSERVING NIGHT - Observers are expected to have organised their observations so that the telescope control desk, the computer and other equipment will be available for maintenance, testing and/or other use at or before 0800 hours on Mondays to Fridays.
7. 18 METRE TELESCOPE - The following periods seem to be convenient for observations with the 18m telescope:

Wednesday, 24 April - Wednesday 1 May	8 days - allocated to J.D. Murray
Wednesday, 15 May - Thursday 30 May	16 days - 7 days allocated to M.N. Cleary

8. SOME ABBREVIATIONS IN USE -

Numerals (21, 73,) refer to wavelength in cm (λ : line)
(c : continuum)

C/m : computer maintenance
c/r : chart recorder
d/c : desk check
D.A. : duty astronomer, underlined in the program but not necessarily the first named, who is regarded as running the show.
H-P, Schl. Synth. : Hewlett-Packard, Schlumberger Synthesizers
P.T.U. : Pulsar timing unit
Sw. : Sweeper (e.g. L-band sweeper)
Cont. : Continuum
Correl. : digital correlator

9. ACCOMMODATION - Accommodation at the quarters is available from the night before an observing or installation starts. Any person whose name has not been listed in the program and who requires accommodation must first obtain permission of the Group Secretary before approaching the administration section for tickets and arrangements.

10. TIMES FOR MEALS - Please write your meal requirements in the book in the dining room.

Breakfast : 0730 - 0900
Lunch : 1230
Dinner : 1745

R.A. Batchelor
D.J. Cooke
M.M. Komesaroff
R.X. McGee
B.J. Robinson

PROGRAM PLANNING COMMITTEE

3 April 1974

DATE 1974	DAY 08 ^h -13 ^h	13 ^h - 24 ^h - 08 ^h	Feeds, Focal Plane Requirements Other	Receivers		L.O., Pumps Phase Locks Multipliers	Test Equipment	Data Processing	Computer Program	Installation, Driving Requirements	Computer Program Development
				Front End	Back End						
APRIL											
Mon 1		END OF FIRST QUARTER									
Tues 2		TELESCOPE OVERHAUL 21cm receiver installation Murray Dish Survey Yabsley, et al									
Wed 3											
Thur 4											
Fri 5											
Sat 6											
Sun 7											
Mon 8											
Tues 9											
Wed 10											
Thur 11											
Fri 12		EASTER SHUTDOWN									
Sat 13											
Sun 14											
Mon 15											
Tues 16	O.I.C.	Line Search 1370	21 hybrid	21-l	Correl.	H-P Synth	-	PDP9	CORLAT	-	↑ Haslam
Wed 17		<u>GARDNER</u>		no switch		+					↑
Thur 18	Parkes	(WINNEWISSER, M.P.I.)			(Filters)	Tripler			(LINE)		↓
											↓
Fri 19	d/c, C/m	Spiral Str., H.U Clouds	21 hybrid	21-l	Correl.	H-P Synth	L-band Sw.	PDP9	CORLAT		
Sat 20		<u>MURRAY</u>	L-band			Avante K amp	L-,K-wavem.				
Sun 21		Cleary (A.N.U.)	absorber			in focus	detectors				

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DATE 1974 MAY/JUNE	DAY 08 ^h -13 ^h	13 ^h - 24 ^h - 08 ^h	Feeds, Focal Plane Requirements Other	Receivers		L.O. Pumps Phase Locks Multipliers	Test Equipment	Data Processing	Computer Program	Installation Driving Requirements Remarks	Computer Program Development
				Front End	Back End						
Mon 13	C/m	Formaldehyde	6 1HE	6-l							
Tues 14	O.i.C	(cont.)	absorber								↑ WALL
* Wed 15		Gal. plane map	6 2HE	6-c	Continuum	usual	CRO (DC)	PDP9	STAKFL		↓
* Thur 16	Parkes	HAYNES	lin. pol						MAPING		
* Fri 17	d/c/, C/m	CASWELL	Cold load Sw.						(own)		
* Sat 18		Flux densities SGP	6 2HE	6-c	Cont.	-	-	PDP9	own		
* Sun 19		sources	2 horns								
* Mon 20	C/m	WALL, SHIMMINS									
* Tues 21	O.i.C	E galaxies	6 2HE	6-c	Cont.	-	-	PDP9	own		↑ HUNT
* Wed 22		WALL, DISNEY (ANU)	2 horns								08 ^h -13 ^h
* Thur 23	Parkes	Galactic point	6 2HE	6-c	Cont.	usual	CRO (DC)	PDP9	STAKFL		↓
* Fri 24	d/c, C/m	sources	lin. pol.						MAPING		
* Sat 25		CASWELL, HAYNES	cold load						(own)		
* Sun 26		CLARK (UofSyd.)	switching								
Mon 27	C/m										
Tues 28	O.i.C	Up-converter tests	18 horn	6-l	Correl.	3 GHz phase	c/r, CRO	PDP9	CORLAT		↑ HAMILTON
Wed 29		ROBINSON, GODFREY		tuned to		locked pump			OPTY		
Thur 30	Parkes	(SINCLAIR)	absorber	4-8 GHz					PRECN		↓
Fri 31											
Sat 1											
Sun 2											

* 18 metre telescope

Cryp-
genic
Course

[illegible]

DATE 1974 JUNE	DAY 08 ^h -13 ^h	13 ^h - 24 ^h - 08 ^h	Feeds, Focal Plane Requirements Other	Receivers		L.O. Pumps Phase Locks Multipliers	Test Equipment	Data Processing	Computer Program	Installation, Driving Requirements Remarks	Computer Program Development
				Front End	Back End						
Mon 24	C/m	Pulsar scintil- lations	18 circular	18-C, (2)	Filters	Usual for	-	PDP9	DSRUN	-	
Tues 25	O.I.C.	ABLES, <u>ROBERTS</u>	pol.		(1 kHz)	line + synth					↑ -
Wed 26						for P.T.U.					
Thur 27	Parkes	Pulsar scintillations	48	48	Filters	L.O. multiplier -		PDP9	DSRUN	-	↓
Fri 28	d/c, C/m	- dynamic spectra	circular	(630 MHz)	(1 kHz)	Schl. + 18cm					
Sat 29		ABLES, <u>ROBERTS</u>	pol.			amplifier +					
Sun 30			(92 {?} if available)			synth. for PTU					

END OF QUARTER

K.H.
to
Sdsdy
Thurs.
1
2 July.

Rev.
on
night