

C.S.I.R.O. - DIVISION OF RADIOPHYSICSALLOCATION OF TELESCOPE OBSERVING TIME AT A.N.R.A.O., PARKES4th QUARTER 1970

1. The quarter begins with the annual telescope overhaul on Tuesday, 29th September 1970, and will close at 0800 hours on Thursday, 24th December 1970.
2. In addition to Saturdays and Sundays, the middle week days are likely to be available for observations after 10 a.m. (Indicated by the broken line at 13 hours.) Two or three full days per fortnight will be allocated for PDP-9 program development; some of these days will also be used for telescope maintenance.
3. Accommodation at the quarters is arranged for the day before the start of observations or installations through the Divisional Administrative Section. Any other person visiting A.N.R.A.O. must obtain permission from the Deputy Director before approaching the Administrative Section.
4. It has been decided that the Receiver Group Leader, B.F. Cooper, will advise Research Staff interested in gaining familiarity with the 6 cm equipment when the initial installation and tests have been successful.
5. The abbreviations in use are:

C/m	: Computer maintenance (P.W. Butler)
c/m	: C.R.O. Monitor
d/c	: Control desk check (D. Gill)
Number on 1st line	: Receiver wavelength
Number + "KHz"	: Filter bandwidth
HI- <i>l</i> , OH- <i>l</i>	: Neutral hydrogen line, hydroxyl line respectively
N-S Interf.	: North-South configuration of inter- ferometer
H/P, Sch.	: Hewlett Packard, Schlumberger
f/s	: Frequency synthesizer
c/r	: Chart Recorder
RIDL	: Pulse height analyser
PDP9	: Computer
X-Yp	: X-Y Plotter
T/p & p	: Teleprinter and punch (ASR-33).
pol, ⊙	: Polarization facilities, circular
P.T.U.	: Pulsar timing unit.

Programme Planning Committee25th September, 1970

C.S.I.R.O. - DIVISION OF RADIOPHYSICS

ALLOCATION OF TELESCOPE OBSERVING TIME AT A.N.R.A.O., PARKES

4th QUARTER 1970

DATE 1970	08 <sup>h</sup> - 13 <sup>h</sup> DAY	13 <sup>h</sup> - 24 <sup>h</sup> FIRST HALF	24 <sup>h</sup> - 08 <sup>h</sup> SECOND HALF	EQUIPMENT REQUIRED
SEPT.				
Tue 29				
Wed 30				
OCT.				
Thu 1				
Fri 2		SHUTDOWN FOR ANNUAL		
Sat 3				
Son 4		TELESCOPE OVERHAUL.		
Mon 5				
Tue 6				
Wed 7				
Thu 8				
Fri 9				
Sat 10				
Sun 11				
Mon 12				
Tue 13		Galaxies (concluding run)		11 cold load
Wed 14				c/r 1, PDP9 on line, 1 c/m
Thu 15		<u>WHITEOAK</u>		
Fri 16	C/m, d/c			
Sat 17		Southern Source Survey		11. Dual
Sun 18				c/r 1, PDP9, 1 c/m, T/p & p
Mon 19	C/m	<u>BOLTON</u> , WALL, SHIMMINS		
Tue 20				
Wed 21		Small regions for confusion limit		11. Dual
Thu 22		WALL, <u>COOKE</u>		X-Yp Sch f/s, c/r 1, RIDL, PDP9
Fri 23	C/m, d/c	Polarization Maps of RCW 48, 0607 + 17 and LMC SNR's		11. Pol
Sat 24				c/r 1, PDP9, T/p & p.
Sun 25		<u>J. DICKEL</u> + (MILNE)		
Mon 26	C/m			
Tue 27		Long Period Variables		OH- $\ell$ (1590-1640 pol $\odot$ (1640-1690
Wed 28				
Thu 29		CASWELL, H. DICKEL, <u>ROBINSON</u>		H/P, Sch f/s, Cs, 1, 10kHz,
Fri 30	C/m, d/c			c/r 1, RIDL, PDP9, X-Yp, 1 c/m
Sat 31				Cold load
NOV.				Liquid air
Sun 1				
Mon 2	C/m			
Tue 3				

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NOV.				
Wed 4		Computer Development, Pular Search		74. 2 dipoles PDP9, T/p & p
Thu 5				
Fri 6	C/m,d/c	SLEE, SMART, HIGGINS		
Sat 7		Secondary Periodicities in Pulsars		50, 74, 100, 200 4 sets dipoles H/P, Sch f/s, Cs, 1,10,33.3, 100 kHz, c/r 1, RIDL, PDP9, X-Yp, c/m 1, T/p & p, P.T.U.
Sun 8				
Mon 9	C/m	ABLES, SLEE, HIGGINS, COLE		
Tue 10				
Wed 11				
Thu 12		Pulsar Spectra		As above.
Fri 13	C/m,d/c			
Sat 14				
Sun 15				
Mon 16	C/m	ABLES, HAMILTON (Uni. of Tas.)		
Tue 17				
Wed 18				
Thu 19		Zeeman Experiment		
Fri 20	C/m,d/c			
Sat 21				
Sun 22		MURRAY, RIBES		
Mon 23	C/m			
Tue 24		(Mapping near IC443		
Wed 25		04-0830 S.T. 4 nights		
Thu 26		J. DICKEL)		
Fri 27	C/m,d/c			
Sat 28		Extragalactic Absorption		HI-ℓ. as above. + 33, 100 kHz
Sun 29		WHITEOAK, GARDNER		
Mon 30	C/m	Galactic Survey $\ell^{\text{II}}$ 260°-230°		11. 4½ feed Pol c/r 1-3 pen, PDP9, c/m 1, T/p & p.
DEC.				
Tue 1				
Wed 2				
Thu 3				
Fri 4	C/m,d/c	DAY, CASWELL, COOKE		
Sat 5				Cold load Liquid air
Sun 6				

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Mon 7	▼	Installation and Tests		6 Hydrid mode H/P, Sch f/s Cs, 1, 10, 33.3, 100 kHz. c/r 2, RIDL, PDP9, X-Yp.
Tue 8		Cryogenic 6 cm Receiver		
Wed 9				
Thu 10				
Fri 11		<u>BROOKS</u> , SINCLAIR		
Sat 12		COOPER, TRENT, DUNN		
Sun 13				
Mon 14		Measurement of Surface Panel Accur-		
Tue 15		acy, 3-4 days early in the period.		
Wed 16		YABSLEY et al.		
Thu 17		*(1)		
Fri 18				
Sat 19				
Sun 20		†(2)		
Mon 21				
Tue 22				
Wed 23				
Thu 24				
Fri 25				
Sat 26		CHRISTMAS SHUTDOWN		
Sun 27				
Mon 28				
Tue 29				

If installation and test of 6 cm receiver are successful B.F. Cooper will advise:

- (1)\* D. Cooper, Thomas and Yabsley for measurements of Feed and Dish performance.
- (2)† Program Planning Committee when the receiver is ready for operational testing.