

W. D. J. Cole

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

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

1st QUARTER 1970

1. The quarter extends from Friday, 2nd January, to 0800 hours on Thursday, 26th March, 1970. (Easter Shutdown).
2. The underlined name refers only to the duty astronomer and not the project boss.
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 ANRAO must obtain permission from the Deputy Director before approaching the Administrative Section.
4. Note that in accordance with Rule 5(e) "First Half" starts at 1300 hours E.A.S.T.
5. Abbreviations in use:

c/m	:	computer maintenance (Butler)
d/c	:	Control desk check (Gill)
number	:	wavelength of the receiver(s)
PDP9	:	Computer. a : during observations, b : outside obs.
C/R	:	chart recorder
F/S	:	frequency synthesizer (Hewlett-Packard, Schlumberger)
C/M	:	C.R.O. monitor
X-Yp	:	X-Y plotter
T/P & P	:	Teleprinter and punch (ASR-33) - alternative to PDP 9.
CsS	:	Caesium frequency standard
4½	:	Diameter of 11 cm horn. Standard size 3½ inches.
μM par	:	Micromega parametric amplifier
E-W I	:	Interferometer in East-West configuration
F/C	:	Frequency counter
1, 10, 100 kHz	:	64 filters of bandwidths 1, 10 or 100 kHz respectively.
Rx	:	Radio receiver
PTU	:	Pulsar Timing Unit.

(R.X. McGee)
Secretary.

Programme Planning Committee

9th December, 1969.

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

1st Quarter 1970

Date 1970	8 ^h - 13 ^h DAY	13 ^h - 24 ^h FIRST HALF	24 ^h - 8 ^h SECOND HALF	EQUIPMENT REQUIRED
JAN.				
Fri 2	c/m,d/c	Low Frequency Pulsar Search <u>SLEE</u> , HAMILTON, HIGGINS		73, 200. Orthogonal pairs of 100 kHz filters. ^{dipoles.} PDP 9, RIDL, C/R, F/S. C/M.
Sat 3				
Sun 4				
Mon 5	c/m			
Tue 6				
Wed 7				
Thu 8				
Fri 9	c/m,d/c			
Sat 10		HAMILTON, <u>ABLES</u>		
Sun 11				
Mon 12	c/m			
Tue 13		Q.S.O. Fluxes		50 C/R.
Wed 14		<u>BOLTON</u> , SHIMMINS		
Thu 15	c/m	PKS 1116 + 12 <u>BOLTON</u> , COLE		61 C/R.
Fri 16	d/c	Installation 11 Rx. <u>BUTLER</u> SCOXI		11.2 horn PTU, PDP9, T/P & P. C/M1, RIDL, X-Yp, C/R1, F/S2, F/C
Sat 17		5 ^h <u>ABLES</u> , RAD.		
Sun 18		Southern Survey		11 2 horn C/R
Mon 19	c/m	SHIMMINS, <u>BOLTON</u>		
Tue 20	Aerial Surface Fitting		18 ^h	
Wed 21	YABSLEY, (MINNETT)			
Thu 22				
Fri 23	c/m,d/c	Linear Polarization <u>GARDNER</u> , WHITEOAK		11 Pol. dual mode 4 $\frac{1}{2}$. PDP9 a,b. RIDL, T/P & P. X-Yp, C/R's, F/S, CsS.
Sat 24				
Sun 25				
Mon 26	c/m			
Tue 27				
Wed 28				
Thu 29				
Fri 30	c/m,d/c			
Sat 31		Galactic Survey ℓ^{II} 280° - 260°		11 4 $\frac{1}{2}$ F/A = 0 for all HA.
FEB.				
Sun 1		<u>DAY</u> , COOKE		PDP9 a, T/P & P, C/R1.
Mon 2	c/m			
Tue 3				
Wed 4				

Date 1970	8 ^h - 13 ^h DAY	13 ^h - 24 ^h FIRST HALF	24 ^h - 8 ^h SECOND HALF	EQUIPMENT REQUIRED
FEB.				
Thu 5	c/m,d/c	Stellar Radio Sources		11 2 horn. PDP9 a, RIDL, T/P & P. X-Yp, C/R, F/S, C/M1. 11 2 horn, 200. + As above.
Fri 6		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Flare Stars YZ CMI 20 04 HIGGINS </div>		
Sat 7	BIGG, MEADE			
Sun 8				
Mon 9	c/m			
Tue 10				
Wed 11				
Thu 12	c/m,d/c	Southern Survey and $\pm 4^\circ$ Dec. Zone		11 2 horn. PDP9 a, C/R.
Fri 13				
Sat 14				
Sun 15		SHIMMINS, WALL, <u>BOLTON</u>		
Mon 16	c/m			
Tue 17	c/m,d/c	Search for Molonglo Pulsars, Polarization Measurements.		73 x 2, 200 x 2. 1, 10,100 kHz Filters. PDP9 a, RIDL. T/P & P, X-Yp, C/R's. F/S2, CsS, F/C. C/M.
Wed 18				
Thu 19				
Fri 20		KOMESAROFF, ABLES, HAMILTON		
Sat 21		SCHWARZ, [WHITTLE]		
Sun 22				
Mon 23		c/m		
Tue 24				
Wed 25				
Thu 26	c/m,d/c	Installation 21 Rx. 210-ft.		21 μ M par.
Fri 27		BROOKS, <u>MURRAY</u>		
Sat 28		External Galaxies		21 μ M par. Sky ref.
MAR.				
Sun 1	c/m	<u>WHITEOAK</u>		PDP9 a, C/R's.
Mon 2				
Tue 3	c/m,d/c	HI Absorption		21 μ M par. PDP9 a, RIDL, T/P & P. X-Yp, C/R's, F/S2, CsS, C/M. F/C. 1, 10 kHz.
Wed 4				
Thu 5				
Fri 6		<u>RADHAKRISHNAN</u> , GOSS, MURRAY		
Sat 7		(BROOKS)		
Sun 8				
Mon 9	c/m			
Tue 10		Installation Rx. 60-ft.		21 μ M par x 2, E-W I.
Wed 11		<u>MURRAY</u> , BROOKS		

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MAR.				
Thu 12		QSO Fluxes		
Fri 13	c/m,d/c	<u>BOLTON</u> , SHIMMINS		21 μM par x 2, E-W I. C/R's.
Sat 14		Phase Stable Interferometry, Dec 0°		
Sun 15		to -33°		21 μM par x 2, E-W I. PDP9 a,b, T/P & P.
Mon 16	c/m	<u>COLE</u> , SCHWARZ, MILNE		X-Yp, C/R's, CsS, C/M.
Tue 17		POLARIZATION INTERFEROMETRY		21 μM par x 2, E-W I.
Wed 18		SCHWARZ, <u>COLE</u> , WHITEOAK		PDP9 a,b, C/R's.
Thu 19		SCHWARZ, <u>COLE</u> , WHITEOAK		F/S, CsS, C/M's.
Fri 20	c/m,d/c			
Sat 21				
Sun 22				
Mon 23	c/m			
Tue 24				
Wed 25				
Thu 26				
Fri 27		EASTER SHUTDOWN		
Sat 28				
Sun 29				
Mon 30				