Mr. D.S. Cooke.

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

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

2nd QUARTER 1970

1. The quarter begins immediately after Easter on Tuesday 31st March, 1970 and will end on the morning of Thursday 2nd July, 1970.

2. The underlined name refers to the Duty Astronomer.

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. The telescope will not be used for Apollo 13 in April, but if a postponement occurs the declination of the Moon would be suitable for observations. Therefore N.A.S.A. have reserved dates 10-12 May for such a possibility. Several days beforehand, say from 7 May, would also be required.

5. Abbreviations in use:

c/m	:	Computer maintenance (Butler).
d/c	:	Control desk check (Gill).
Number on 1st line	:	Receiver wavelength.
Number on 2/3 line	:	Filter bandwidths (1, 10, 33.3 or 100 kHz).
H-ℓ	:	Neutral hydrogen line.
OH-ℓ	:	Hydroxyl line.
E-W, N-S Interf.	:	Interferometer in East-West, North-South configuration.
Cs/S	:	Caesium beam frequency standard.
H/P, Sch, F/S	:	Hewlett-Packard, Schlumberger frequency synthesizers.
C/R	:	Chart recorder.
RIDL	:	Pulse height analyser.
PDP9	:	Computer.
X-Yp	:	X-Y plotter.
CM	:	C.R.O. monitor.
T/p & p	:	Teleprinter and punch (ASR-33) - alt. to PDP9.
PTU	:	Pulsar Timing Unit.

6. The days marked +, 27-29 May, are the dates of the A.S.A. meeting in Brisbane on the Physics of Stellar Atmospheres.

7. The days marked *, 17-28 June, are possible dates of the combined radio and optical observations of Sco X-1. Approximately 4 hours will be required - 10 pm to 2 am on three nights. As much warning as possible will be given. No more than 1 x 4 hrs. will be taken from any one project.

Programme Planning Committee

12th March, 1970.

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

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

2nd QUARTER 1970

Date 1970	08^h - 13^h DAY	13^h - 24^h FIRST HALF	24^h - 08^h SECOND HALF	EQUIPMENT REQUIRED
MARCH				
Tue 31				
APRIL		Time made up from telescope		E-W Interf.
Wed 1		modifications in first quarter		
Thu 2				
Fri 3	c/m,d/c	Low-latitude observations ℓ^{II} 230° - 350°.		21 H-ℓ H/P,Sch F/S, Cs/S, 10, C/R1, RIDL,PDP9 X-Yp, CMI, T/p & p.
Sat 4				
Sun 5				
Mon 6	c/m	F. KERR, HARTEN, P. HARTEN		
Tue 7		(University of Maryland)		
Wed 8		+ ANRAO Receiver Man.		
Thu 9			Near ℓ^{II} 353°.	Same + 1 Hz filters.
Fri 10	c/m,d/c		Roslund (A.N.U.)	
Sat 11		Zeeman Tests		21 H-ℓ H/P,Sch F/S,Cs/S 1,10,C/R1,RIDL,PDP9. X-Yp.
Sun 12				
Mon 13	c/m	RADHAKRISHNAN, GOSS, BROOKS		
Tue 14		MURRAY		
Wed 15		H-line Interferometry on External Galaxies.		21 H-ℓ Interf. N-S. H/P, Sch, F/S. 100,C/R1,RIDL,PDP9. T/p & p.
Thu 16				
Fri 17	c/m,d/c			
Sat 18				
Sun 19		SCHWARZ, WHITEOAK		
Mon 20	c/m			
Tue 21				
Wed 22		H-line Interferometry		21 H-ℓ Interf. N-S. H/P, Sch F/S. Cs/S. 10, C/R2, RIDL, PDP9. X-Yp.
Thu 23				
Fri 24	c/m,d/c			
Sat 25				
Sun 26		RADHAKRISHNAN, GOSS, BROOKS,		
Mon 27	c/m	MURRAY.		
Tue 28				
Wed 29				
Thu 30		Fluxes Southern Survey Sources		21 Interf. N-S or E-W.
MAY				
Fri 1	c/m,d/c			H/P,Sch F/S, Cs/S,C/R1. PDP9, T/p & p.
Sat 2		BOLTON, SHIMMINS		

Date 1970	08^h - 13^h DAY	13^h - 24^h FIRST HALF	24^h - 08^h SECOND HALF	EQUIPMENT REQUIRED
MAY				
Sun 3		Pulsar Spectra		21,50,74,100,200 Dipoles.
Mon 4	c/m			H/P Sch F/S, Cs/S.
Tue 5				33.3,100 C/R1.
Wed 6				RIDL, PDP9, X-Yp.
Thu 7		ABLES, HAMILTON, KOMESAROFF		CM1, T/p & p, PTU
Fri 8	c/m,d/c			PIN mod., extra noise
Sat 9				lamp.
Sun 10		Pulsar H-line Absorption		21H-ℓ
Mon 11	c/m			H/P, Sch F/S, Cs/S.
Tue 12		RADHAKRISHNAN, HAMILTON, MURRAY		10,C/R1,PDP9,X-Yp.
Wed 13				
Thu 14		Cardinal Directions Study		21 H-ℓ
Fri 15	c/m,d/c			H/P F/S.
Sat 16				10 C/R1, RIDL.
Sun 17		F. KERR, HARTEN, P. HARTEN		PDP9, X-Yp, CM.
Mon 18	c/m	(University of Maryland)		T/p & p.
Tue 19		+ ANRAO Receiver Man		
Wed 20				
Thu 21		Search for 1665 OH Emission		18 OH-ℓ(1640-1690).
Fri 22	c/m,d/c			L, O pol.
Sat 23				H/P F/S Cs/S, 1, 10.
Sun 24				C/R1, RIDL, PDP9.
Mon 25	c/m	ROBINSON, GOSS, CASWELL		X-Yp, CM.
Tue 26				
Wed 27	/			
Thu 28	/			
Fri 29	/c/m,d/c			
Sat 30				
Sun 31		Sgr A, Sgr B2, M17 etc.		180 H-ℓ(1640-1690).
JUNE				
Mon 1	c/m			H/P Sch F/S Cs/S 1,10,
Tue 2		McGEE, GARDNER, SINCLAIR		33.3,100,C/R1,RIDL,PDP9 X-Yp, CM.
Wed 3		Fluxes Southern Survey Sources		50 T/p & p.
Thu 4		BOLTON, SHIMMINS		Sch F/S,C/R1,PDP9, λ
Fri 5	c/m,d/c	Pulsar Search $b^{II} \pm 10^o$		200. Orthog. dipoles.
Sat 6				H/P,Sch F/S,33.3,C/R1.
Sun 7		SLEE, HIGGINS		PDP9, T/p & p.
Mon 8	c/m	Dish Performance		3.4, Hybrid Mode Fd.
Tue 9				C/R1, RIDL, PDP9,
Wed 10		COOPER, KERR, DUNN		X-Yp.
Thu 11		YABSLEY, THOMAS		

Date 1970	08^h - 13^h DAY	13^h - 24^h FIRST HALF	24^h - 08^h SECOND HALF	EQUIPMENT REQUIRED
JUNE				
Fri 12	c/m,d/c	OH line Observations		5 OH-ℓL, O pol
Sat 13				H/P,Sch F/S,Cs/S,10,33.3
Sun 14		GARDNER, RIBES, GOSS, TONKING		100,C/R1,RIDL,PDP9,
Mon 15	c/m			X-Yp, CM, T/p & p.
Tue 16				
Wed 17	*	Stellar Sources		11 Twin, RIDL.
Thu 18	*	BIGG		PDP9,X-Yp,T/p & p.
Fri 19	c/m,d/c *	Positions, fluxes polar cap sources		11 Twin
Sat 20	*			Sch F/S, Cs/S, 1C/R.
Sun 21	*	BOLTON, SHIMMINS		RIDL, T/p & p.
Mon 22	c/m *	Galactic Survey $b^{II} \pm 2^o$		11, $4\frac{1}{2}$ cold load
Tue 23	*	ℓ^{II} 240^o-260^o 47^o-57^o		1C/R 3 pen. PDP9.
Wed 24	*			CM, T/p & p.
Thu 25	*	DAY, COOKE, CASWELL, GOSS		
Fri 26	c/m,d/c *			
Sat 27	*	Galactic Sources		11, $4\frac{1}{2}$ cold load.
Sun 28	*			C/R1, PDP9
Mon 29	c/m	CASWELL, GOSS		11 Pol + same.
Tue 30		Polarization S.NR^s		11 Pol.
JULY				C/R, RIDL, X-Yp.
Wed 1		MILNE		C/R, RIDL, X-Yp.
	END OF QUARTER			
	* Radio Optical Observations Sco X-1 Ables (+ Unis. of Adelaide, Tasmania) Maximum of 3x4 hrs. (10 pm-2 am). No more than 1x4 hr. will come from any one project.			11 (cold load pref.) C/R,RIDL,PDP9,X-Yp, T/p & p.
	NOTE: Linear Pol. Jupiter Komesaroff, Caswell, McCulloch Priority for 2-7 July approx. in next Quarter.			11. Pol. C/R1, PDP9, CM,T/p & p.
	Contin. Gal. Structure Price (MIT) 3 nights priority for early in next quarter.			74. Double dipole.