

Yuu. Cooke

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

Allocation of Telescope Observing Time at A.N.R.A.O., Parkes

First Quarter - 1968

1. The Quarter has been extended until the Easter Shutdown, Thursday ~~11~~ April 1968.
2. It is expected that the second quarter will begin with a combined period of overhaul and installation of the U.S. 6 cm receiver.
3. Accommodation and arrival arrangements will remain as usual.
4. Please advise Mr. Dennis Gill (for the present) of your telescope driving requirements as early as possible.
5. N.B. The Programme Planning Committee does not make arrangements for DAY (8^h - 14^h) observations except in special cases such as scintillations. Observers must make private arrangements with Mr. Shimmins / Mr. Gill for such time.
6. The name of the duty astronomer and person in charge of the programme is underlined.
7. Abbreviations:

Numbers refer to receiver wavelength in centimetres.

XH- λ : Excited Hydrogen line receiver

H- λ : Neutral Hydrogen line

OH- λ : Hydroxyl line

F/R : Feed rotator

P : Parallaxifier

D : Digital equipment

g/c : Gears check

d/c : Desk check

(R.X. McGee)
Secretary

Programme Planning Committee

At Group
68-2566

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

Allocation of Telescope Observing Time at A. N. R. A. O., Parkes

First Quarter - 1968

DATE 1968	8 ^h - 14 ^h DAY	14 ^h - 24 ^h FIRST HALF	24 ^h - 8 ^h SECOND HALF	EQUIPMENT REQUIRED
JAN. Tue 2	g/c	Angular Sizes δ -33° to +27°		Interfer- ometer 20/65
Wed 3				
Thu 4	d/c	MILNE, WALL, <u>COLE</u>		
Fri 5				
Sat 6				
Sun 7				
Mon 8				
Tue 9	g/c			
Wed 10		± 4 Dec. Deep Sky Survey		Interfer- ometer 20/65
Thu 11		<u>WALL</u>		
Fri 12	d/c	Deep Sky Survey		11
Sat 13				
Sun 14		<u>BOLTON</u> , SHIMMINS, WALL, MERKELIJN		Dual fwd horn
Mon 15				
Tue 16	g/c			
Wed 17	d/c			
Thu 18	Scintillations* McCracken, Deniston University of Adelaide	19 ^h	Survey Cen. XR1	11, [200* D]
Fri 19			<u>COLE</u> , WALL	Sky Horn
Sat 20			Pol. Supernovae	11
Sun 21			Remnants	F/R. P 4½ + Ref Horn
Mon 22			<u>MILNE</u>	
Tue 23	g/c	Galactic Survey ℓ^{II} 308° - 328°		11
Wed 24				
Thu 25		<u>DAY</u> , THOMAS, GOSS, SHAVER		D 4½ + Sky Horn
Fri 26	d/c			
Sat 27				
Sun 28				
Mon 29		Low Frequency Source Spectra		Interfer- ometer
Tue 30	g/c			
Wed 31		03 - 17 hr RA		50 MHz
<u>FEB.</u> Thu 1	d/c	HAMILTON, HAYNES, McCULLOCH (University of Tasmania)		Own feeds
Fri 2				
Sat 3				
Sun 4				

DATE 1968	8 ^h - 14 ^h DAY	14 ^h - 24 ^h FIRST HALF	24 ^h - 8 ^h SECOND HALF	EQUIPMENT REQUIRED
<u>FEB.</u>				
Mon 5		Jupiter Polarization 10 ^h 17 ^m + 11 ^o 58' <u>KOMESAROFF</u> , McCULLOCH (Uni. of Tas.)		11
Tue 6	g/c			3½ feed
Wed 7				D
Thu 8				
Fri 9	d/c			
Sat 10				
Sun 11		Galaxies		11
Mon		<u>WHITEOAK</u>		3½ d fwd feed
Tue 13	g/c			F/R, P.
Wed 14		Survey, b ^{II} + 10°, l ^{II} 210° - 260° <u>DAY</u> , THOMAS, COOKE		50
Thu 15				F/R, P.
Fri 16	d/c			
Sat 17				
Sun 18				
Mon 19				
Tue 20	/c	Aging of Sources <u>SHIMMINS</u>	Pol. Supernovae Remnants	50/20, 20
Wed 21				
Thu 22			<u>MILNE</u>	
Fri 23	d/c	Galactic Spur		200, + own
Sat 24		WIELEBINSKI		85 MHz
Sun 25		(University of Sydney)		own feed + 200
Mon 26		Cloud Statistics (l ^{II} 303°, b ^{II} -17°) SMC Wing <u>MURRAY</u> , HINDMAN		H-l + Mk. II
Tue 27	g/c			D +
Wed 28				m/b filters
Thu 29				
<u>MARCH</u>				
Fri 1	d/c			
Sat 2		OH Sources 1720 MHz		OH-l, Mk. II
Sun 3				F/R, P
Mon 4		<u>ROBINSON</u> , GOSS		D
Tue 5	g/c			
Wed 6				
Thu 7				
Fri 8	d/c	157, 158 & H-lines BATCHELOR, SINCLAIR, BROOKS, <u>McGEE</u>		XH-l, Mk. II
Sat 9				F/R, P
Sun 10				D
Mon 11				
Tue 12	g/c			
Wed 13				
Thu 14				

DATE 1968	8 ^h - 14 ^h DAY	14 ^h - 24 ^h FIRST HALF	24 ^h - 8 ^h SECOND HALF	EQUIPMENT REQUIRED
<u>MARCH</u> Fri 15	d/c	HI Absorption <u>RADHAKRISHNAN, MURRAY</u>		H- 1 + Mk. II F/R D.
Sat 16				
Sun 17				
Mon 18				
Tue 19	g/c			
Wed 20				
Thu 21	d/c	OH Sources. 1612 MHz <u>ROBINSON, GOSS</u>		OH- 1 Mk. II F/R, P. D.
Fri 22				
Sat 23				
Sun 24				
Mon 25				
Tue 26	g/c	Linear Polarization <u>GARDNER, WHITEOAK</u>		18 F/R, P pol. feed
Wed 27				
Thu 28				
Fri 29	d/c			
Sat 30		, Linear Polarization <u>GARDNER, WHITEOAK</u>		11 F/R, P 4½+ pol. feed
Sun 31				
<u>APRIL</u> Mon 1	g/c	Deep Sky Survey <u>BOLTON, WALL, SHIMMINS,</u> MERKELIJN		11 Dual fd horn
Tue 2				
Wed 3				
Thu 4				
Fri 5	d/c	Receiver Tests + Time Variation Observations <u>TONKING, (COOPER)</u> and other observers		6 F/R D
Sat 6				
Sun 7				
Mon 8				
Tue 9	g/c	Equatorial Zone Survey <u>BOLTON, WALL, SHIMMINS, MERKELIJN</u>		50
Wed 10				
Thu 11				
		EASTER SHUTDOWN		

MODIFIED PARKES PROGRAM

DATE 1968	8 ^h - 14 ^h DAY	14 ^h - 24 ^h FIRST HALF	24 ^h - 8 ^h SECOND HALF	EQUIPMENT REQUIRED
<u>MARCH</u>				
Fri 15	d/c	HI Absorption		H- 1 + Mk. II
Sat 16	06 ^h - 12 ^h 150 MHz + ... Pulsating Source RADHAKRISHNAN, COOKE	<u>RADHAKRISHNAN, MURRAY</u>		F/R
Sun 17				D.
Mon 18				
Tue 19				
Wed 20				
Thu 21		Pulsating Source		85 MHz
Fri 22	d/c 11 ^h →	Position, Polarisation, Spectrum, Scan Rate, Scintillations.		150 MHz + 4 Dipole + switch + hybrid
Sat 23		RADHAKRISHNAN, KOMESAROFF, COOKE (Wielebinski, Cooper, Robinson)		408 MHz Receiver?
Sun 24				600 MHz Receiver
Mon 25		Linear Polarization		11
Tue 26	g/c	<u>GARDNER, WHITEOAK</u>		F/R, P
Wed 27				4½ + pol. feed
Thu 28		Deep-Sky Survey		11
Fri 29	d/c	<u>BOLTON, WALL, SHIMMINS,</u> <u>MERKELIJN</u>		Dual fd
Sat 30				horn
Sun 31				
<u>APRIL</u>				
Mon 1	g/c	OH Sources. 1612 MHz		11
Tue 2		<u>ROBINSON, GOSS</u>		OH- 1 Mk. II
Wed 3				F/R, P.
Thu 4				D.
Fri 5	d/c			
Sat 6		Linear Polarization		18
Sun 7		<u>GARDNER, WHITEOAK</u>		F/R, P
Mon 8				pol. feed
Tue 9	g/c	Equatorial Zone Survey		50
Wed 10		<u>BOLTON, WALL, SHIMMINS, MERKELIJN</u>		
Thu 11		EASTER SHUTDOWN		
		Receiver Tests + Time Variation Observations		6
		<u>TONKING, (COOPER)</u>		F/R
				D
Sun 14	PART - OPEN DAY		11 a.m - 5 p.m.	150 MHz