

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

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

3rd QUARTER 1970

1. The quarter begins at 0800 hours on Thursday 2nd July, 1970 and ends at 0800 hours on Tuesday 28th September, 1970. The October Shutdown of approximately two weeks will follow immediately.
2. The installations of the additional equipment for the PDP9 computer and some mesh panels on the 210 ft. reflector are expected to occur in the first observing period 2/7/70 - 5/7/70.
3. Some changes in the arrangement of "Day" time are likely to be announced for this quarter. For example it may be possible to obtain up to 4 days of 22-24 hours observing in a week with two or three days devoted to 8-9 hours maintenance. Such arrangements in fortnightly modules will be promulgated by the Director two weeks in advance.
4. 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.
5. Meal arrangements are to be modified in accordance with instructions to be issued by the Station Manager. Observers are requested to be punctual in attendance at meals.
6. The abbreviations in use are:

- C/m : Computer maintenance (Butler)
- c/m : C.R.O. monitor
- d/c : Control desk check (Gill)
- Number on 1st line : Receiver wavelength
- Number + "kHz" : Filter bandwidths required
- HI-l, OH-l, rec-l : Neutral hydrogen, hydroxyl, recombination line respectively.
- N-S : North-South configuration of interferometer
- 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

Programme Planning Committee

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3rd QUARTER 1970

Date 1970	08 ^h - 13 ^h DAY	13 ^h - 24 ^h FIRST HALF	24 ^h - 08 ^h SECOND HALF	EQUIPMENT REQUIRED
JULY				
Thu 2		Southern Survey - 40° to -50° δ		11, 2 feed.
Fri 3	C/m, d/c			H/P, f/s, 1c/r
Sat 4		BOLTON, SHIMMINS, WALL		
Sun 5				
Mon 6	C/m	Jupiter, linear	Vacant ~ 01 ^h	11, 2 feed.
Tue 7		polarization		H/P, f/s, 2c/r, RIDL
Wed 8				PDP9, X-Yp, 1c/m
Thu 9		KOMESAROFF,		
Fri 10	C/m, d/c	McCULLOCH,		
Sat 11		CASWELL		
Sun 12				
Mon 13	C/m	Rob. SFR^S PRICE	Vacant	74 2 dipoles, pol. (rotate) 18 cm pol. 1c/r, RIDL, X-Yp
Tue 14		MILNE		180H-ℓ (1690-1730)
Wed 15		NGC 2024 α-ℓ., Sgr.A.	McGEE, GARDNER	H/P, Sch. f/s, Cs/s, 1c/r
Thu 16				1, 10, 100, 33.3 kHz. 1c/m
Fri 17	C/m, d/c	Galactic OH Sources 1720 MHz		RIDL, PDP9, X-Yp
Sat 18		} Robina OTRUPCEK 1612 MHz		(1590-1640) OH-ℓ
Sun 19				
Mon 20	C/m			
Tue 21				
Wed 22				
Thu 23				
Fri 24	C/m, d/c	Continuum Galactic Structure		18 cm pol. 1c/r, RIDL, X-Yp 74. 2 dipole, pol. (rotate)
Sat 25		MILNE		1c/r, 2 pen (cold load)
Sun 26		PRICE (M.I.T.)		
Mon 27	C/m	Pulsar Search, Galactic Plane		50, 200, 2 dipoles each
Tue 28		Flare Star 66 Oph		H/P, Sch, f/s, 100 kHz, 1c/r
Wed 29				RIDL, PDP9, X-Yp, 1c/m
Thu 30				T/p & p
Fri 31	C/m, d/c	SLEE, HIGGINS, ABLES		
AUG.				
Sat 1				
Sun 2				
Mon 3	C/m	Southern Survey	SHIMMINS, BOLTON	50, 1c/r

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AUG.				
Tue 4		Continuum Galactic Structure		74. 2 dipole, pol. (rotate)
Wed 5				1c/r, 2 pen
Thur 6				
Fri 7	C/m, d/c	PRICE		
Sat 8				
Sun 9				
Mon 10	C/m	Installation 21 cm Receivers		21, Transport
Tue 11		MURRAY, COOKE, HALL		Labour, mechanical help
Wed 12				required.
Thu 13		Observations Galaxies		21. Horn. No pol.
Fri 14	C/m, d/c			ref. sky horn
Sat 15		WHITEOAK		1c/r, PDP9, 1c/m, T/p & p
Sun 16				
Mon 17	C/m	Pol. SNR ^s		21 Pol. double
Tue 18		MILNE		H/P, f/s, 1c/r, PDP9
Wed 19		Linear Polarization		1c/r, T/p & p [X-Yp RIDL]
Thu 20				
Fri 21	C/m, d/c			Offset ref. feed + coax.
Sat 22		WHITEOAK, GARDNER		feed to switch feed in.
Sun 23				
Mon 24	C/m			
Tue 25		$\pm 4^\circ \delta$ zone + southern sources		21 Interferometer
Wed 26				N-S
Thu 27				H/P, f/s, 1c/r, PDP9
Fri 28	C/m, d/c	BOLTON, WALL, SHIMMINS		T/p & p
Sat 29				Single dish also
Sun 30				
Mon 31	C/m	Galactic Hydrogen Studies		21 HI- ℓ
SEPT.				
Tue 1				H/P, Sch, f/s, Cs/s, 10 kHz
Wed 2		HARTEN (U. of Maryland)		1c/r, RIDL, PDP9, X-Yp
Thu 3		Miss BARWICK (U. of Sydney)		1c/m
Fri 4	C/m, d/c	C266 α in NGC 2024		21 rec- ℓ
Sat 5		H, He Recombination Lines in Southern		H/P, Sch, f/s, Cs/s
Sun 6		Sources near 1425 MHz		1, 10, 33.3, 100 kHz
Mon 7	C/m	GARDNER (1 day)		1c/r, RIDL, PDP9, X-Yp
Tue 8		McGEE, Lynette NEWTON		1c/m, T/p & p
Wed 9		Zeeman Splitting		
Thu 10				21 HI- ℓ hybrid mode
Fri 11	C/m, d/c	HI Zeeman Splitting		Interferometer in N-S
Sat 12		Orion Nebula and Galactic Sources		H/P, Sch, f/s, Cs/s
Sun 13		BROOKS, MURRAY, RIBES		1, 10 kHz, 1c/r

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SEPT.				
Mon 14	C/m	Zeeman Splitting HI Zeeman Splitting Orion Nebula and Galactic Sources BROOKS, <u>MURRAY</u> , RIBES		RIDL, PDP9, X-Yp 1c/m, T/p & p
Tue 15				
Wed 16				
Thu 17				
Fri 18	C/m,d/c			
Sat 19				
Sun 20				
Mon 21	C/m			
Tue 22				
Wed 23		Linear Polarization WHITEOAK, <u>GARDNER</u>		11. 4½ pol. feed H/P,f/s,1c/r PDP9,1c/m,T/p & p Gas pliers No other frequencies
Thu 24				
Fri 25	C/m,d/c			
Sat 26				
Sun 27				
Mon 28	C/m			
Tue 29		SHUTDOWN		
Wed 30		SHUTDOWN		