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

ALLOCATION OF TELESCOPE OBSERVING TIME AT

A.N.R.A.O., PARKES

4th Quarter 1968

1. The Quarter begins on Saturday, 21st September, and ends at 0800 hrs. E.S.T. on Tuesday, 24th December, 1968.

2. The telescope overhaul is programmed for the period Tuesday, 22nd October, to Wednesday, 30th October inclusive.

3. The underlined name indicates the duty astronomer only.

4. The usual accommodation at the Quarters is arranged for the day before observations begin through the Radiophysics Division's Administration Section.

   Please note that for any other person visiting A.N.R.A.O., permission to stay at the Quarters must be obtained from the Deputy Director before approaching the Administration Section.

5. Daytime observations (0800-1400 hrs. EST) have not been programmed. N.B. Written permission from the Deputy Director must be presented to Mr. A.J. Shimmins at least one week in advance of any proposed occasional daytime observation.

6. The present policy of the Program Planning Committee includes the following points:-

   (a) To give everyone a fair go.

   (b) To try and keep particular receivers on the telescope for as long as possible in the interests of efficient observations.

   (c) Not to pass judgment on the scientific merit of proposed programs.

7. Approximately 160 nights were applied for in the 4th Quarter of about 80 working nights. Some proposed programs had to be entirely omitted. A measure of priority will apply in the first quarter of 1969 to those observers who had low average time in 1968.

R.X. McGee
Program Planning Committee

9th September 1968

A1/3/11(u)

ALLOCATION OF TELESCOPE OBSERVING TIME

AT A.N.R.A.O., PARKES

Fourth Quarter 1968

Date 1968	8^h - 14^h DAY	14^h - 24^h FIRST HALF	0^h - 8^h SECOND HALF	Equipment Required
SEPT. Sat. 21		Maintenance Survey Instruments		
Sun. 22		PUTTOCK, YABSLEY, LOUGHRY, BUTLER		
Mon.23				
Tue. 24	g/c	OH Emission & Absorption		Pol. Feed.
Wed.25		$180^o \leqslant \ell^{II} \leqslant 64^o$		Can rotate
Thu. 26		1665, 1667, MHz		No other feeds
Fri. 27	d/c			OH-ℓ 1650.
Sat. 28		ROBINSON, GOSS, MANCHESTER		1,10 Filters.
Sun. 29		(SINCLAIR, SMART)		No L-band Osc.
Mon. 30				PDP-9.
OCT. Tue. 1	g/c			RIDL, X-Y p.
Wed 2				1 Rec. (2 pen)
Thu. 3				H.P. Synth.
Fri. 4	d/c			Cs Std.
Sat. 5				CRO 1
Sun. 6				
Mon. 7				
Tue. 8	g/c	PULSAR OBSERVATIONS		3 feeds
Wed. 9		KOMESAROFF, COOKE, MORRIS		75, 200, 375
Thu.10		RADHAKRISHNAN		10, 100 filters
				PDP-9, RIDL 2 Rec
Fri.11	d/c	HI Absorption		HI feed.
Sat. 12		Extra-galactic sources		HI par.
Sun. 13		Search for H_2^+		Mk. II Backend
Mon.14				PDP-9
Tue.15	g/c	RADHAKRISHNAN, MURRAY, WHITTLE		RIDL
Wed.16				T/P & P,
Thu.17				X-Y p
Fri.18	d/c			1 Ch. Rec.
Sat. 19				Freq. Synth.
Sun. 20				C.R.O.
Mon.21				1, 10, 37.
				No L-band Osc.

Date 1968	8^h - 14^h DAY	14^h - 24^h FIRST HALF	0^h - 8^h SECOND HALF	Equipment Required
OCT. Mon.22	TELESCOPE OVERHAUL			
Tue.23				
Wed24				
Fri. 25				
Sat. 26				
Sun. 27				
Mon.28				
Tue.29	[Orientation PDP-9 - Whiteoak, Morris, Hill, Gardner]			
Wed30				
Thu. 31		Line Interferometry Tests		Interferometer
NOV. Fri. 1	d/c			20
Sat. 2				Mk. II Backend
Sun. 3		RADHAKRISHNAN, MORRIS, COLE, SCHWARZ		1, 10, 100 KHz
Mon. 4		(MURRAY)		PDP-9
Tue. 5	g/c			RIDL, T/P&P
Wed. 6				X-Y p.
Thu. 7				1 Ch. Rec.
Fri. 8	d/c			Synth.
Sat. 9				
Sun. 10				
Mon.11				
Tue.12	g/c			
Wed.13				
Thu.14		OH Emission and Absorption		Pol. feed.
Fri. 15	d/c	1612 MHz		Can rotate.
Sat. 16		$180^o \leqslant \ell^{II} \leqslant 64^o$		No other. OH-ℓ 1600
Sun. 17				1, 10 filters.
Mon.18		ROBINSON, GOSS, MANCHESTER		No. Osc. PDP-9, RIDL,
Tue.19	g/c	(SINCLAIR, SMART)		X-Y p.
Wed20				1 Ch. Rec.
Thu.21		2130	0400	Cs Std. ICRO
Fri. 22	d/c	PULSAR Observations	Flare Stars in Orion Nebula	PULSAR Observations	3 feeds.
Sat. 23					75, 200, 375.
Sun. 24		KOMESAROFF	SLEE	MORRIS	10, 100 filters.
Mon 25		COOKE	HIGGINS	RADHA-KRISHNAN	PDP9, RIDL.
Tue.26	g/c				2 Ch. Rec.

Date 1968	8^h - 14^h DAY	14^h - 24^h FIRST HALF	0^h - 8^h SECOND HALF	Equipment Required
NOV. Wed. 27		Planetary Nebulae		Dual
Thu. 28		ALLER, BUTLER, (COOKE, SLEE)		11
Fri. 29	d/c			PDP-9
Sat. 30		Survey $\pm 4^\circ$ Dec. Zone, 11 cm.		Dual. Paral.
DEC. Sun. 1		WALL, SHIMMINS		No other.
Mon. 2				11
Tue. 3	g/c	Survey Southern Sky, 11 cm		Dual 11 90°rot. No other. PDP9. T/P&P, 1 Ch. Rec.
Wed. 4		SHIMMINS, WALL, MERKELIJN		
Thu. 5	d/c			
Fri. 6		Galactic Survey, 11 cm. DAY, WALL, GOSS.		$4\frac{1}{2}$, 11, PDP9.
Sat. 7		Pulsar Observations		11 + requirements of 22/11/68
Sun. 8		KOMESAROFF, COOKE, MORRIS		
Mon. 9		RADHAKRISHNAN		
Tue.10	g/c	OH Emission on Extra-Galactic Sources		1700 OH-ℓ + other as for 23/9/68
Wed.11		RADHAKRISHNAN		
Thu.12				
Fri.13	d/c	OH Emission and Absorption		
Sat. 14		1720 MHz		
Sun.15		$180^\circ \leq \ell^{II} \leq 64^\circ$		
Mon.16				
Tue.17	g/c	ROBINSON, GOSS, MANCHESTER		
Wed.18		(SINCLAIR, SMART)		
Thu.19				
Fri.20	d/c			
Sat. 21		Pulsar Statistics 150, 408 MHz		Own feeds & recs. 1 Ch. Rec. RIDL. Synth.
Sun.22		WIELEBINSKI		
Mon.23				
Tue.24	g/c			
Wed.25				
Thu.26				
Fri.27		CHRISTMAS SHUTDOWN		
Sat. 28				
Sun.29				
Mon.30				
Tue.31				
JAN. Wed. 1				

M. Cooke

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

26th September 1968

MEMORANDUM TO: A.N.R.A.O. Observers, 4th Quarter 1968.

1. The PDP-9 Computer

This instrument has already proved to be a most important addition to the ANRAO facilities. Hardware activities under A.J. Shimmins require full priority in the "Day" session (08-14 hrs). However, if the PDP-9 is to become something more than an $80,000 paper punch, extensive software experimentation and testing must be carried out over the next few months. Mr. E.R. Hill and his colleagues need some periods of several hours per day or night.

It is not possible to detect the real time requirements of PDP-9 from the 4th Quarter applications. Some people have requested full use of the PDP-9 but it is extremely doubtful whether they have suitable programmes to operate the machine.

In the interests of all, observers are requested to advise the Programme Planning Committee (Room 68A) before Wednesday, 2nd October 1968, what periods of time during their observations they will make available to Mr. Hill. He is able to operate while observations are in progress.

2. Typographical Error.

The days on the top of page 2 are obviously Tue, Wed and Thu, Oct. 22, 23 and 24.

3. Owing to a meeting of the Astronomical Society of Australia on 4-6 December, Messrs. Shimmins and Day and colleagues have kindly agreed to a re-arrangement of the programme to enable Professor Aller to attend. The programme will now read as follows:-