A1/3/11(u)

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

ALLOCATION OF TELESCOPE OBSERVING TIME AT

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

1st Quarter 1969

The first observing quarter for 1969 will begin on Thursday, 2 January, 1969, and will probably extend to the Easter shutdown on Thursday, 3 April, 1969 - a period of 90 days.

Some dates should be noted:

1. The Summer Vacation Seminar in Radio Astronomy is being held in the laboratory from Monday 17th to Friday 21st February, 1969. Several leading astronomers have volunteered to give lectures in this week. The party of approximately 25 persons will visit A.N.R.A.O. on Monday/Tuesday, 24/25 February.

2. An interruption to the research programme is likely to occur in the period 21st February to 10th March when the Canadian and Green Bank long baseline interferometer experiments are proposed.

3. The visitors' building will possibly be opened by the Minister for C.S.I.R.O. in mid February. However this should cause only minimal loss in observing time.

It is important to state exact requirements for the PDP-9 computer on the application form.

If requests for observing time are excessive a scheme for allotting three classes of scientific priorities will be introduced. Judgement will be passed by the Director, Deputy Director and an independent senior scientist and the results handed down to the Programme Planning Committee for allocation of time accordingly.

It was agreed at the recent North Goobang Group meeting (28/29 October) that definite time would be set aside for "wildcat" experiments. No proposals have been made for the first quarter but it is not too early for plans to be set in motion for succeding quarters.

Applications should reach the Programme Planning Committee's Room 68A before 0830 hours on Monday, 2nd December, 1968.

November 21, 1968.

R.X. McGee
Programme Planning Committee

D. J. Cooke

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

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

First Quarter 1969

1. The quarter begins on Thursday 2 January and ends at 0800 hours on Thursday 3 April, 1969.

2. The underlined name refers to the duty astronomer only.

3. The usual accommodation at the Quarters is arranged for the day before observations begin through the Divisional Administrative Section. Any other person visiting A.N.R.A.O. must obtain permission from the Deputy Director before approaching the Administration Section.

4. As usual no daytime observations are programmed outside weekends. Increasing requests to Mr. Shimmins have seriously interfered with maintenance on the entire telescope control system. Please arrange to observe your piece of sky at the right season.

5. Following instructions from the Deputy Director on scientific priorities and decisions taken at the "Review of Research Objectives" meeting late in October some proposed programmes have been omitted and some reduced. The inclusion of the lengthy periods for overseas interferometry was caused by deals at higher level.

6. To assist the maintenance staff at A.N.R.A.O. the "equipment required" section has been made as comprehensive as applicants have allowed in filling in their forms. The abbreviations used are as follows:-

First numbers refer to the wavelength e.g., 11 means 11 cms λ. Numbers after "Mk I or II" refer to filter bandwidths in the line receivers, e.g., Mk II 10 means the 60 ten kHz filters.

F/R	:	Feed may be rotated.
O/F	:	Other feeds may be mounted concurrently
Ch/R	:	Chart Recorder
Int/f	:	Interferometer
PDP9/obs	:	Computer required during observations
PDP9/obs/out	:	Computer required during observations and outside observations.
O/R	:	Other Receivers on
X-Y/p	:	X-Y plotter
F/C	:	Frequency counter
T/P & p	:	Teleprinter and punch
O/B	:	Offset beam for reference
F/S	:	Frequency synthesizer
Cs/S	:	Caesium beam frequency standard
P.S.D's	:	Phase sensitive detectors
F/E	:	Front end
OH-ℓ	:	OH line
H-ℓ	:	HI-line (21 cm)
g/c	:	Gears check
d/c	:	Desk check
C.R.O.	:	Cathode ray oscilloscope

(R.X. McGee)
Secretary
Programme Planning Committee

10th December, 1968.

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

First Quarter 1969

Date 1969	8^h - 14^h DAY	14^h - 24^h FIRST HALF	24^h - 8^h SECOND HALF	EQUIPMENT REQUIRED
JAN				
Thu 2		Equatorial Survey $b^{II} \pm 4^\circ$		50, F/R, O/F
Fri 3	d/c	WALL, SHIMMINS		No PDP9. 1 Ch/R
Sat 4		Interferometric Observations		20, 73 Int/f.
Sun 5		δ - 90° to +27°		PDP9/obs.
Mon 6				1Ch/R
Tue 7	g/c			
Wed 8		COLE, MILNE, WALL		
Thu 9				
Fri 10	d/c			
Sat 11				
Sun 12		Fluxes of ±4° Zone Sources		20, 73 Int/f.
Mon 13				PDP9/obs.
Tue 14	g/c	WALL, SHIMMINS		1 Ch/R
Wed 15		Low Frequency Source Measurements		20 Int/f + own helices.
Thu 16		δ +60° to -20°		No. F/R No. O/F
Fri 17	d/c			O/R.
Sat 18		HAMILTON, HAYNES		RIDL, X-Yp. 2 Ch/R.
Sun 19		McCULLOCH, COLE		F/C, 2 CRO.
Mon 20	Installation	COOPER, COOKE, (BROOKS)		11
Tue 21	g/c	X-R Sources		11. F/R, O/F
Wed 22		McCRACKEN, ABLES, URCH		PDP9/obs. RIDL. T/P & P
Thu 23				1 Ch/R.
Fri 24	d/c	Southern Survey		11. O/B F/R, No O/F.
Sat 25				No O/R.
Sun 26		SHIMMINS, WALL, MERKELIJN		PDP9/obs. 1 Ch/R.
Mon 27		Normal Galaxies		11. O/B. No O/F.
Tue 28	g/c	WHITEOAK		RIDL. X-Y/P. 1 Ch/R. No 14100/R. PDP9/obs.
Wed 29		Polarization	S.N. Remnants	11. Pol feed. No O/F.
Thu 30			MILNE	No O/R.
Fri 31	d/c			RIDL. 1 Ch/R.
FEB.				
Sat 1		GARDNER, WHITEOAK		
Sun 2		MORRIS		
Mon 3				
Tue 4	g/c			
Wed 5		Recombination Lines near		11. + Sky Horn No F/R.
Thu 6		H132α - new experiment		No O/F. No O/R.
Fri 7	d/c			PDP9/obs. + 10-1230 Develop

11cm Log.

Date 1969	8^h - 14^h DAY	14^h - 24^h FIRST HALF	24^h - 8^h SECOND HALF	EQUIPMENT REQUIRED
FEB.				
Sat 8		BATCHELOR, BROOKS		RIDL, T/P & P, X-Y/p. 1 Ch/R.
Sun 9			McGEE	2 F/S. Cs/S. 1 CRO.
Mon 10				Mk I 37. Mk II 100.
Tue 11	g/c			1650 MHz - standby.
Wed 12		Cosmic Background		20, 50. (H-ℓparamp) F/R.
Thu 13		Radiation		43, 75 - E.E.D. U of S.
Fri 14	d/c	(Moon Calibrator)		RIDL, X-Y/p. 1 Ch/R.
Sat 15		STANKEVICH, WIELIBINSKI		2 F/S.
Sun 16				
Mon 17		Pulsar flux and period		1411,200 ~~Hybrid mode/f.~~
Tue 18	g/c	MORRIS, KOMESAROFF,		Mk I 37,200, Mk II 10,100.
Wed 19		COOKE		No O/R. PDP9/obs/out.T/P & P.
Thu 20				X-Y/p, 1 Ch/R, 2 F/S, Cs/S.
Fri 21	d/c	Long Baseline Interferometry		73. off focus.
Sat 22		Canadian group - no details		
Sun 23				
Mon 24		COLE, MORRIS, (BATCHELOR)		
Tue 25	g/c	While LBI not operating		
Wed 26		Galactic Survey ℓ^{II}		50 Twin dipole feed.
Thu 27		232° - 257°		F/R, No interfering O/R.
Fri 28	d/c	DAY, THOMAS, COOKE		PDP9/obs (if programme available).
MAR Sat 1		(Feb. 21 → March 2)		
Sun 2				
Mon 3		Long Baseline Interferometry		18.
Tue 4	g/c			
Wed 5		Canadian Group - no details		
Thu 6				
Fri 7	d/c	COLE, MORRIS, (BATCHELOR)		
Sat 8				
Sun 9		OH occultation Sgr. B_2		OH-ℓ 1650. Circular pol.
Mon 10				F/R, No O/F Mk II 1. PSD's
Tue 11	g/c	GOSS, MANCHESTER,		PDP9 Multiplexer from Mk II.
		ROBINSON		PDP9/obs/out RIDL, 2 Ch/R HP F/S, Cs/S 1CRO

Date 1969	8^h - 14^h DAY	14^h - 24^h FIRST HALF	24^h - 8^h SECOND HALF	EQUIPMENT REQUIRED
MAR				
Wed 12		HI Absorption Galactic Sources		H-ℓ No O/F.
Thu 13				Mk I F/E H-ℓ paramp.
Fri 14	d/c			Mk II 1, 10, 100.
Sat 15		RADHAKRISHNAN, MURRAY,		PDP9/obs. RIDL, T/P & P.
Sun 16		WHITTLE		X-Y/p. 1 Ch/R. 2 F/S.
Mon 17				
Tue 18	g/c	Pulsar line observation tests		As previous expt.
Wed 19				
Thu 20		RADHAKRISHNAN, MURRAY, MANCHESTER		
Fri 21	d/c	Long Baseline Interferometer		Own 6.
Sat 22		JAUNCEY, MORRIS, COLE		28 V. D.C. required.
Sun 23		Absolute Phase Interferometry		20, 73 Int/f.
Mon 24				F/R both feeds.
Tue 25	g/c	SCHWARZ, MORRIS		PDP9/obs/out.
Wed 26		(COLE)		RIDL, T/P & P, 1 Ch/R.
Thu 27				F/S
Fri 28	d/c	Polarization		18 Pol feed. F/R, No O/F.
Sat 29				No O/R.
Sun 30		GARDNER, WHITEOAK		PDP9/obs/out.
Mon 31		MORRIS	S.N. Remnants	1 Ch/R.
APRIL Tue 1	g/c		MILNE	
Wed 2				
Thu 3	d/c		END OF	QUARTER
Fri 4		EASTER SHUTDOWN		
Sat 5				
Sun 6				
Mon 7				