

D. Cooke

AUSTRALIAN NATIONAL RADIO ASTRONOMY OBSERVATORY

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C.S.I.R.O., Division of Radiophysics

OBSERVING SCHEDULE FOR 1987, QUARTER 3

1. DURATION

The duration starts at 0800 hrs on Wed 19 Mar and ends 0800 hrs on Wed 6 Oct.

The times listed are in Eastern Civil Time (i.e. either Standard Time or Summer Time as appropriate).

***** NOTE *****
* *
* CLOSING DATE FOR APPLICATIONS FOR TIME *
* FOR 4th QUARTER IS 31 JULY 1987. *
* *

2. VLBI OBSERVATIONS

Certain 12 hour periods during the quarter have been allocated for training/testing/evaluation of the newly-established VLBI network. Extra time has been added to the observing periods marked thus ****. If time with Tidbinbilla can be arranged during these periods, this time will be taken and used for the VLBI tests.

3. DAILY OBSERVING PERIODS AND DIRECTOR'S TIME

Daily observing time is allocated from 1400 hours to 0800 hours the following morning on weekdays, and from 0800 hours to 0800 hours the following morning on public holidays, except for those marked with an asterisk (*). On these days observing time does not begin until 1600 hours, due to extended maintenance or receiver changes.

All time outside the daily observing periods is assigned to the Director. Observers will not be able to observe during the time assigned to the Director and must be prepared to relinquish use of the equipment promptly at the end of the scheduled periods.

4. TELESCOPE OPERATION

Whenever the telescope is not stowed a qualified telescope operator must be present in the control room and, in addition, at least one other person must be present in the telescope tower or structure (but not necessarily in the control room).

5. WIND RESTRICTIONS

Instruction for the operation of the telescope in wind are displayed in the control room. The telescope operator is the person responsible for any action to be taken. No one may override an automatic wind-stow operation initiated by the computer except in any emergency situation as determined by the telescope operator on duty.

6. ACCOMMODATION

Accommodation at the Quarters is usually available from the night before an observing session starts until the day following the end of observations.

Any Radiophysics person whose name is not listed on the program must first obtain permission from his Group Leader before making arrangements. Other observers and intending casual visitors should contact the Observatory Director first. ALL OBSERVERS AND VISITORS MUST ENSURE THAT THE OBSERVATORY IS INFORMED OF THEIR PROPOSED ARRIVAL AND DEPARTURE TIME

7. MEAL TIMES

Breakfast : 0730-0900 Monday - Friday (Serve yourself at weekends)

Lunch: : 1230

Dinner : 1745

Please book your meals by writing your name in the book in the dining room.

8. LIASON WITH OBSERVATORY STAFF

The "underlined" observer is that person designated by the observing group as the official spokesman and contact with observatory staff as regards to technical matters, driving requirements etc.

AAO Anglo Australian Observatory
JPL Jet Propulsion Laboratory
MQ Macquarie University
MPI Max Planck Institute for Radio Astronomy
MSSSO Mount Stromlo and Siding Springs Observatory
OSO Onsala Space Observatory
RP C.S.I.R.O. Division of Radiophysics
STSI Space Telescope Science Institute
UARIZ University of Arizona

DATE	PROGRAMME	RECEIVERS			Feeds, Vertex etc.	Back end	Other Specifications	Computer Programs	Assistance requested ?
		λ cm	Tuned to frequencies/ velocities	Cal Size (K)					
* = extended maintenance period									
JUNE	S/X FEED TESTS								
24 Wed	Duncan, Jauncey, Nelson (RP)	13	2290MHz	3	Concentric	Cont	VLBI 26 June Day 177	Spot	
25 Thur		3.4	8400MHz	and 50	S/X				
26 Fri									
27 Sat	OH/IR IN MAGELLANIC CLOUDS	18	1610-1666 MHz	4	HE 11			Spectra	
28 Sun	Whiteoak, Gardner (RP)								
29 Mon	****								
30 Tue *	dMe FLARE STARS								
JULY	Nelson, Slee, Wright (RP)	AT	8400MHz	1	NODDY	Cont		Waggy	
1 Wed	Vaughan, Lim (MQ)	3.4							
2 Thur	Beasley (SYD)								
3 Fri	6 GHz OH								
4 Sat	Gardner, Whiteoak (RP)	AT	5900-6050MHz	10		Corr		Spectra	
5 Sun		5							
6 Mon									
* 7 Tue *									check - does not appear on J's D schedule.
8 Wed	STRUCTURE FLAT SPECTRUM	13	2290+10MHz	3	S	PTI	TID TIMES (AEST)	PTI	
9 Thur	SOURCES Duncan,						9 Jul 0000-1600		
10 Fri	White, Jauncey, Norris, Taaffe, Harvey, Wark (RP), Savage, Reynolds (JPL)						10 Jul 0000-1600		
							11 Jul 0000-1600		set A/Kwon
11 Sat	CALIBRATOR SOURCES	13	2290+10MHz	3	S	PTI	TID TIMES (AEST)	PTI	
12 Sun	Norris, Calabretta, Harvey,						12 Jul 0000-1600		
13 Mon	Jauncey, Taaffe, Kesteven,						13 Jul 0000-1600		
14 Tue *	Wellington, White (RP), Batty (MQ)						14 Jul 0000-0700 (15 Jul)		(92) 9 am - 7:15 am Lundy

GEMO MARY

* 13 Mon

Power 9:25

PTI **** SEE NOTE IN FRONT OF PROGRAMME

10 am

JPL Review
28 45 Vark

Painting if first available

Paints

set A/Kwon

check - does not appear on J's D schedule.

(92) 9 am - 7:15 am
Lundy

DATE	PROGRAMME 8 ^h 14 ^h 16 ^h	RECEIVERS			Feeds, Vertex etc.	Back end	Other Specifications	Computer Programs	Assistance requested ?
		λ cm	Tuned to frequencies/ velocities	Cal Size (K)					
* = extended maintenance period									
<u>JULY</u> 15 Wed	<u>INSTALL X-BAND RX AND POINTING</u> Parkes Staff	3.4	<i>AT</i> 8400MHz						
16 Thur 17 Fri 18 Sat 19 Sun	<u>SNR POLARIZATION</u> Milne, Haynes, Kesteven (RP)	3.4	8400MHz	1	HE 11 Pol Switching	Cont	Feed Rotation $\pm 180^\circ$	Scan	
*20 Mon 21 Tue 22 Wed 23 Thur	<u>INSTALL Q-BAND AND POINTING</u> Parkes Staff <i>R. Gange tests on AT Rx</i>	0.7	43GHz						
24 Fri 25 Sat	<u>Q-BAND EVAL. AND FLARE STARS</u> Wright, Wark, Slee, Stewart, Nelson (RP), Hall (Syd)	0.7	43GHz	2	HE 11 Beam Switching	Cont		Noddy Spot	
26 Sun 27 Mon 28 Tue 29 Wed	<u>SIO MASERS IN SYMBIOTIC STARS</u> Allen (AAO), Norris, Wright, (RP), Hall (Syd) <i>in Down Mas. if nec.</i>	0.7	43GHz	10	HE 11 Beam Switching	Corr Cont		Spectra Spot Noddy	
30 Thur 31 Fri AUG 1 Sat 2 Sun 3 Mon	<u>METHANOL MASERS</u> Norris, Caswell, Gardner, Whiteoak, Wellington (RP)	2.5	12GHz			Corr	RX and LO provided by Observers	Spectra	

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SEPT	BONN POL TESTS								
17 Thur	Haynes (RP), Wielebinski, Buzcilowski (MPI), Mathewson (MSSSO), Murray, Hunt, Jacka, Sciacca, Wark, (RP)	AT	2290MHz or 8400MHz	1	HE 11 Two Chan Circ. Pol				
18 Fri		13							
19 Sat		or							
20 Sun		3.4							
21 Mon	****								
22 Tue *	DC 2048-52, 2103-39 AND								
23 Wed	CENTRE OF METAGALAXY								
24 Thur	Mathewson, Lyndon-Bell, Carter, Ford (MSSSO)	AT	1340-1398MHz	5	HE 11	Corr		Spectra	
25 Fri		21							
26 Sat									
27 Sun									
28 Mon									
29 Tue *									
30 Wed	****								
OCT	MAGELLANIC STREAM								
1 Thur	Wayte (MSSSO)	AT							
2 Fri		21	1420MHz	5	HE 11	Corr		Spectra	
3 Sat									
4 Sun									
5 Mon									
6 Tue *									

VLBI
24 Sept 1400 → 2000 AEST

VLBI 10 Oct
1400 → 2000 AEST