1. DURATION
The duration starts at 0800 hrs on Mon 22 Sept and ends 0800 hrs on Wed 24th December.

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

2. 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.

3. 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).

4. 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.
5. **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.**

6. **MEAL TIMES**

Breakfast : 0730-0800 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.

7. **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
ANU  Australian National University
UNSW  University of New South Wales
JPL  Jet Propulsion Laboratory
UTAS  University of Tasmania
NRAO  National Radio Astronomy Observatory
MSSSO  Mount Stromlo and Siding Springs Observatory
RP  C.S.I.R.O. Division of Radiophysics
<table>
<thead>
<tr>
<th>DATE</th>
<th>PROGRAMME</th>
<th>RECEIVERS</th>
<th>Tuned to frequencies/velocities</th>
<th>Cal Size (K)</th>
<th>Beads, Vertex etc.</th>
<th>Back end</th>
<th>Other Specifications</th>
<th>Computer Programs</th>
<th>Assistance requested</th>
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<td>08h</td>
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<td>* = extended maintenance period</td>
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</tbody>
</table>

**SEPT**
- 22 Mon Directors
  - RX Checks
- 23 Tue Directors Time
  - Pointing Solution
- 24 Wed
- 25 Thur

**26 Fri**
- Directors
  - $H_2O$ Maser Spectra
  - Data Base
  - Caswell, Forster, Haynes, Duncan (RP)
- 27 Sat
- 28 Sun
- 29 Mon

**30 Tue**
- Directors
  - $H_67\alpha$ or $H_66\alpha$
  - from Compact HII regions. Caswell, Forster (RP)
- 1.3

**OCT**
- 1 Wed
  - Spectra Non-Thermal Sources
  - Nelson, Jauncey, Slee, Stewart (RP)
- 2 Thur
  - Kings B'day
  - Queen's B'day
  - Kuiper (JPL)

**3 Fri**
- Directors
  - Southern NH Survey
  - Forster, Gaffner, Whiteoak (RP), Peters (MSS50)
- 1.3

**4 Sat**
- Directors
  - Install Parkes AT Receiver.
  - Systems Tests
  - Sinclair, Cooke
  - + Parkes and Epping Staff

**5 Sun**
- Directors
  - Spectra
  - Spot
  - Yes

**6 Mon**
- Directors
  - Spectra
  - Spot
  - Yes

**7 Tue**
- Directors
  - Spectra
  - Spot
  - Yes

**8 Wed**
- Directors
  - Spectra
  - Spot
  - Yes

**9 Thur**
- Directors
  - Spectra
  - Spot
  - Yes

**10 Fri**
- Directors
  - Spectra
  - Spot
  - Yes

**11 Sat**
- Directors
  - Spectra
  - Spot
  - Yes

**12 Sun**
- Directors
  - Spectra
  - Spot
  - Yes

**13 Mon**
- Directors
  - Spectra
  - Spot
  - Yes

**14 Tue**
- Directors
  - Spectra
  - Spot
  - Yes

**15 Wed**
- Directors
  - Spectra
  - Spot
  - Yes

**16 Thur**
- Directors
  - Spectra
  - Spot
  - Yes
<table>
<thead>
<tr>
<th>DATE</th>
<th>PROGRAMME</th>
<th>RECEIVERS</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>2 cm</td>
</tr>
<tr>
<td>17 Fri</td>
<td>Install S-Band</td>
<td></td>
</tr>
<tr>
<td>18 Sat</td>
<td>Electrical Installation Power-House Lam + Parkes Staff</td>
<td></td>
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<tr>
<td></td>
<td><em>Note: No electrical Power on site</em></td>
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<tr>
<td>20 Mon</td>
<td>Scan Tests Directors Set up PTI Time</td>
<td></td>
</tr>
<tr>
<td>21 Tue</td>
<td>Calibrator Sources for A1. Norrie, Batty etal (RP) (PTI DSS45)</td>
<td>1,3</td>
</tr>
<tr>
<td>22 Wed</td>
<td>Install 6cm Directors Time Pointing Tests</td>
<td>6</td>
</tr>
<tr>
<td>30 Thur</td>
<td>Jets in IC4296 and NGC612, Kesteven (RP) Bicknell (VLA, MSSSO) Killeen (NRAO)</td>
<td>6</td>
</tr>
<tr>
<td>DATE</td>
<td>PROGRAMME</td>
<td>RECEIVERS</td>
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<tr>
<td>8th</td>
<td>SNR Polarization</td>
<td>Milne, Haynes, Kesteven (RP)</td>
</tr>
<tr>
<td>9th</td>
<td>SNR Mapping</td>
<td>Milne, Haynes, Kesteven (RP)</td>
</tr>
<tr>
<td>Wed</td>
<td>Install X-Band Pointing Solution Parkes Staff</td>
<td></td>
</tr>
<tr>
<td>Thur</td>
<td>Install H OH Set up PTI</td>
<td></td>
</tr>
<tr>
<td>Fri</td>
<td>Proper Motion CIRX-1 Konseroff, Haynes, Caswell (RP) (P1 DSS43)</td>
<td></td>
</tr>
<tr>
<td>Sat</td>
<td>Pulsar Proper Motions Bailes (ANU), Norris, Manchester, et al (RP) (P1 DSS43)</td>
<td></td>
</tr>
<tr>
<td>Tue</td>
<td>Survey Radio Stars Sleel Nelson, Stewart, Wright (RP) (Pt 1 of run)</td>
<td></td>
</tr>
<tr>
<td>DATE</td>
<td>PROGRAMME</td>
<td>RECEIVERS</td>
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<tr>
<td>Nov 12 Wed 13 Thur 14 Fri</td>
<td>HD32918 and HD36705 Slee, Nelson (RP) Robinson (AAO)</td>
<td>3.6</td>
</tr>
<tr>
<td>Nov 15 Sat 16 Sun</td>
<td>Pulsar Proper Motions Bailes (ANU), Norris, Manchester et al (RP)</td>
<td>18</td>
</tr>
<tr>
<td>Nov 17 Mon 18 Tue Directors Time</td>
<td>Survey Radio Stars Slee et al (Pt 2 of run)</td>
<td>3.6</td>
</tr>
<tr>
<td>Nov 19 Wed 20 Thur 21 Fri 22 Sat</td>
<td>Structure Flat-Spectrum Sources White, Jauncey (RP) et al (PTI DSS42)</td>
<td>13</td>
</tr>
<tr>
<td>Nov 23 Sun</td>
<td>Install Parkes AT Receiver Parkes Staff</td>
<td></td>
</tr>
<tr>
<td>Nov 24 Mon 25 Tue 26 Wed 27 Thur 28 Fri 29 Sat 30 Sun Directors Time</td>
<td>HI Survey Magellanic Stream Mathewson, Ford, Waite, Ferrario (MSSSO)</td>
<td>21</td>
</tr>
<tr>
<td>Date</td>
<td>Programme</td>
<td>Receivers</td>
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<td>-------</td>
<td>---------------------------------------------------------------------------</td>
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<tr>
<td>8h</td>
<td>Microstructure Galactic Hydrogen. Boersma, Taylor, (UNSW)</td>
<td>21</td>
</tr>
<tr>
<td>14h</td>
<td>OH Spectral Obs with Norris, Calabretta (RP) et al (PTI DSS43)</td>
<td>18</td>
</tr>
<tr>
<td>16h</td>
<td>HI Blue Compact Galaxies. Meurer, Dopita (MSSSO) (Pt 1 of run)</td>
<td>21</td>
</tr>
<tr>
<td>12 Fri</td>
<td>Structure Flat-Spectrum Sources. White, Jauncey (RP) et al (PTI DSS45)</td>
<td>13</td>
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<tr>
<td>13 Sat</td>
<td>Pulsar Proper Motions Bailes (ANU), Norris, Manchester (RP) et al (PTI DSS43)</td>
<td>18</td>
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<td>15 Mon</td>
<td>HI Blue Compact Galaxies. Meurer, Dopita (MSSSO) (Pt 2 of run)</td>
<td>21</td>
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<td>DATE</td>
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<td>RECEIVERS</td>
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<td>Tuned to frequencies/velocities</td>
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<tr>
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<td>( \lambda \text{ cm} )</td>
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<tr>
<td>18 Thur</td>
<td>Pulsars in the LMC.</td>
<td>68</td>
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<tr>
<td>19 Fri</td>
<td>Ables, Hall, Jacka (RP)</td>
<td>46</td>
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<tr>
<td>20 Sat</td>
<td>Hamilton, McCulloch, McConnell (UTAS)</td>
<td>32</td>
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<tr>
<td>22 Mon</td>
<td>Directors</td>
<td></td>
</tr>
<tr>
<td>23 Tue</td>
<td>Time</td>
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<tr>
<td>24 Wed</td>
<td>END OF QUARTER.</td>
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</table>
August 25, 1986

MEMORANDUM TO: Users of the Parkes Telescope

FROM: Bob Frater

SUBJECT: ASSISTANCE WITH OBSERVATIONS AT PARKES

Because of financial constraints, the Division is now able to provide only limited assistance to astronomers making observations with the Parkes Telescope.

As in the past, assistance will be available during setting-up for observations, and staff will be on call in case problems develop. However during normal observations no routine assistance will be provided to teams of observers from the Division. For observing teams from outside the Division some assistance will be available by negotiation, but wherever possible I would ask outside observers to form teams which are large enough that they can function without assistance.

For reasons of safety there must be at least two persons in the tower at all times when the telescope is not stowed. One of these must be responsible for the control of the telescope. Anyone assuming this role must have received instruction in the control of the telescope and have been accredited by the Division. The Director of the Parkes Telescope, Dr Jon Ablse, will be responsible for this accreditation.

R.H. Frater,
Chief of Division.