# v255i

| | |
|---|---|
| **Description** | Proper motion and Parallax of Methanol Masers: A search for infalling ga |
| **Antennas** | At-Cd-Ho-Mp-Pa |
| **Start** | 68 12:00:00 |
| **Stop** | 68 23:59:59 |
| **PI** | S.P. Ellingsen |

Setup v255i.5cm:

| | |
|---|---|
| **Station Modes** | At Cd Ho Mp Pa |
| **Channel 1** | IFP#1-LO 6642 - 6658 MHz USB RCP |
| **Channel 2** | IFP#1-HI 6658 - 6674 MHz USB RCP |
| **Channel 3** | IFP#2-LO 6642 - 6658 MHz USB LCP |
| **Channel 4** | IFP#2-HI 6658 - 6674 MHz USB LCP |
| **DAS 1 Skyfreq** | 6658 MHz |
| **Bandwidth** | 16 MHz |
| **DAS Mode** | vsop.pro (telescope) |

Setup v255i.5cm-icrf:

| | |
|---|---|
| **Station Modes** | At Cd Ho Mp Pa |
| **Channel 1** | IFP#1-LO 6300 - 6316 MHz USB RCP |
| **Channel 2** | IFP#1-HI 6316 - 6332 MHz USB RCP |
| **Channel 3** | IFP#2-LO 6642 - 6658 MHz USB LCP |
| **Channel 4** | IFP#2-HI 6658 - 6674 MHz USB LCP |
| **DAS 1 Skyfreq** | 6316 & 6658 MHz |
| **Bandwidth** | 16 MHz |
| **DAS Mode** | vsop.pro (telescope) |

**Mode changes:**
68 12:00:00 v255i.5cm
68 12:10:00 v255i.5cm-icrf
68 14:00:00 v255i.5cm
68 18:00:00 v255i.5cm-icrf
68 18:45:00 v255i.5cm
68 23:15:00 v255i.5cm-icrf

Ftp: ftp://ftp.atnf.csiro.au/pub/people/vlbi/v255/v255i

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# Comments:

Cd Ho: Dual frequency setup required. Will need special DAS setup

At Mp Pa: Run with both DAS \& Huygens cable for entire experiment. Change channel selection in cdisko as per following table.

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|---|---|
| v255i.5cm | Channels 5-8 |
| v255i.5cm-icrf | Channels 1,2,7,8 |

## Observing comments for each antenna:

| | | | | |
|---|---|---|---|---|
| At | Cd | Ho | Mp | Pa |

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## Observing Logs

Parkes onsource flagging
ATCA onsource flagging
Mopra onsource flagging
Mopra Tsys (plot)
Parkes Tsys

## Weather

ATCA Weather
Mopra Weather
Parkes Weather