

v490a

Description	Measuring the proper motions of the Large and Small Magellanic Clouds
Antennas	At-Cd-Ho-Mp-Pa-Hh
Start	164 18:30:00
Stop	165 08:00:00
PI	S.P. Ellingsen

Setup v490a.1cm-icrf:

Station Modes	At Cd Ho Mp Pa
Channel 1	IFP#1-L0 22000 - 22016 MHz USB RCP
Channel 2	IFP#1-HI 22016 - 22032 MHz USB RCP
Channel 3	IFP#2-L0 22500 - 22516 MHz USB LCP
Channel 4	IFP#2-HI 22516 - 22532 MHz USB LCP
DAS 1 Skyfreq	22016 & 22516 MHz
Bandwidth	16 MHz
DAS Mode	vsop.pro (telescope)
Station Modes	Hh
Channel 1	22200 - 22216 MHz USB RCP
Channel 2	22200 - 22216 MHz USB LCP
Channel 3	22216 - 22232 MHz USB RCP
Channel 4	22216 - 22232 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Setup v490a.1cm:

Station Modes	At Cd Ho Mp Pa
Channel 1	IFP#1-L0 22211 - 22227 MHz USB RCP
Channel 2	IFP#1-HI 22227 - 22243 MHz USB RCP
Channel 3	IFP#2-L0 22211 - 22227 MHz USB LCP
Channel 4	IFP#2-HI 22227 - 22243 MHz USB LCP
DAS 1 Skyfreq	22227 MHz
Bandwidth	16 MHz
DAS Mode	vsop.pro (telescope)
Station Modes	Hh
Channel 1	22211 - 22227 MHz USB RCP
Channel 2	22211 - 22227 MHz USB LCP
Channel 3	22227 - 22243 MHz USB RCP
Channel 4	22227 - 22243 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Mode changes:

164 18:30:00 v490a.1cm

164 18:40:00 v490a.1cm-icrf

164 19:25:00 v490a.1cm
165 01:10:00 v490a.1cm-icrf
165 01:50:00 v490a.1cm
165 07:15:00 v490a.1cm-icrf

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/v490/v490a>

Comments:

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

Observing comments for each antenna:

At	Cd	Ho	Mp	Pa	Hh
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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](#)

Monica log information - EXPERIMENTAL:

[Mopra Tsys](#)
[Parkes Tsys](#)
[ATCA Tsys](#)

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