gs032c

Description	The nuclear structure in nearby AGN
Antennas	Ho-Cd-At-Mp-Ky-Ku-Kt-Bd-Pu-Kl-On-Tr-Kz-Hh-Nt-Mc-Jb-Wb-Sv-Zc-Ef-Ys-Sc-Hn-Nl-Gb-Gt-La-Pt-Fd-Br-Kp-Ov-Ar-Mk
Start	35 16:00:00
Stop	35 21:58:00
PI	Tuomas Savolainen

Setup ra1cm2:

Station Modes	At Mp
Channel 1	IFP#1-LO 22220 - 22236 MHz LSB RCP
Channel 2	IFP#1-HI 22236 - 22252 MHz USB RCP
Channel 3	IFP#2-LO 22220 - 22236 MHz LSB LCP
Channel 4	IFP#2-HI 22236 - 22252 MHz USB LCP
DAS 1 Skyfreq	22236 MHz
Bandwidth	16 MHz
DAS Mode	16mhz_ul (telescope)
Station Modes	Ky Ku Kt
Channel 1	22220 - 22236 MHz LSB RCP
Channel 2	22236 - 22252 MHz USB RCP
Channel 3	22220 - 22236 MHz LSB LCP
Channel 4	22236 - 22252 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	Bd Sv Zc
Channel 1	22236 - 22252 MHz USB RCP
Channel 2	22220 - 22236 MHz LSB RCP
Channel 3	22236 - 22252 MHz USB LCP
Channel 4	22220 - 22236 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	Tr
Channel 1	22220 - 22236 MHz LSB RCP
Channel 2	22236 - 22252 MHz USB RCP
Channel 3	22220 - 22236 MHz LSB LCP
Channel 4	22236 - 22252 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	Kz
Channel 1	22236 - 22252 MHz USB RCP
Channel 2	22220 - 22236 MHz LSB RCP
Channel 3	22236 - 22252 MHz USB LCP
Channel 4	22220 - 22236 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	Hh Ef

Channel 1	22236 - 22252 MHz USB RCP
Channel 2	22220 - 22236 MHz LSB RCP
Channel 3	22236 - 22252 MHz USB LCP
Channel 4	22220 - 22236 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	Ys
Channel 1	22236 - 22252 MHz USB RCP
Channel 2	22220 - 22236 MHz LSB RCP
Channel 3	22236 - 22252 MHz USB LCP
Channel 4	22220 - 22236 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	Sc Hn Nl Gb La Pt Fd Br Kp Ov Mk
Channel 1	22236 - 22252 MHz USB RCP
Channel 2	22220 - 22236 MHz LSB RCP
Channel 3	22220 - 22236 MHz LSB LCP
Channel 4	22236 - 22252 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Setup ra7mm2:

Station Modes	Sc Hn Nl La Pt Fd Br Kp Ov Mk
Channel 1	43120 - 43136 MHz USB RCP
Channel 2	43120 - 43136 MHz USB LCP
Channel 3	43136 - 43152 MHz USB RCP
Channel 4	43136 - 43152 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Setup ra2cm2:

Station Modes	Sc Hn Nl La Pt Fd Br Kp Ov Mk
Channel 1	15369 - 15385 MHz USB RCP
Channel 2	15353 - 15369 MHz LSB RCP
Channel 3	15353 - 15369 MHz LSB LCP
Channel 4	15369 - 15385 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Setup ra6cm2:

Station Modes	Ho Cd At Mp
Channel 1	IFP#1-LO 4820 - 4836 MHz LSB RCP
Channel 2	IFP#1-HI 4836 - 4852 MHz USB RCP
Channel 3	IFP#2-LO 4820 - 4836 MHz LSB LCP

Channel 4	IFP#2-HI 4836 - 4852 MHz USB LCP
DAS 1 Skyfreq	4836 MHz
Bandwidth	16 MHz
DAS Mode	16mhz_ul (telescope)
Station Modes	Pu Kl Gt
Channel 1	4836 - 4852 MHz USB RCP
Channel 2	4820 - 4836 MHz LSB RCP
Channel 3	4836 - 4852 MHz USB LCP
Channel 4	4820 - 4836 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	On Hh Nt Ef
Channel 1	4836 - 4852 MHz USB RCP
Channel 2	4820 - 4836 MHz LSB RCP
Channel 3	4836 - 4852 MHz USB LCP
Channel 4	4820 - 4836 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	Mc
Channel 1	4820 - 4836 MHz LSB RCP
Channel 2	4836 - 4852 MHz USB RCP
Channel 3	4820 - 4836 MHz LSB LCP
Channel 4	4836 - 4852 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	Jb
Channel 1	4820 - 4836 MHz LSB RCP
Channel 2	4836 - 4852 MHz USB RCP
Channel 3	4820 - 4836 MHz LSB LCP
Channel 4	4836 - 4852 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	Wb
Channel 1	4836 - 4852 MHz USB RCP
Channel 2	4820 - 4836 MHz LSB RCP
Channel 3	4836 - 4852 MHz USB LCP
Channel 4	4820 - 4836 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5
Station Modes	Ys
Channel 1	4836 - 4852 MHz USB RCP
Channel 2	4820 - 4836 MHz LSB RCP
Channel 3	4836 - 4852 MHz USB LCP
Channel 4	4820 - 4836 MHz LSB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Station Modes	Sc Hn Nl Gb La Pt Fd Br Kp Ov Mk
Channel 1	4836 - 4852 MHz USB RCP
Channel 2	4820 - 4836 MHz LSB RCP
Channel 3	4820 - 4836 MHz LSB LCP
Channel 4	4836 - 4852 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Station Modes	Ar
Channel 1	4820 - 4836 MHz LSB RCP
Channel 2	4836 - 4852 MHz USB RCP
Channel 3	4820 - 4836 MHz LSB LCP
Channel 4	4836 - 4852 MHz USB LCP
Bandwidth	16 MHz
DAS Mode	Mark5

Mode changes:

35 16:00:00 ra6cm2
35 16:00:00 ra1cm2
35 16:30:00 ra6cm2
35 16:30:00 ra1cm2
35 16:50:00 ra6cm2
35 17:07:00 ra1cm2
35 18:15:00 ra6cm2
35 18:15:00 ra1cm2
35 18:35:00 ra6cm2
35 18:47:00 ra1cm2
35 20:00:00 ra6cm2
35 20:00:00 ra1cm2
35 20:20:00 ra6cm2
35 20:35:00 ra1cm2
35 21:30:00 ra6cm2
35 21:30:00 ra1cm2
35 22:30:00 ra6cm2
35 22:30:00 ra1cm2
35 23:32:00 ra6cm2
35 23:35:00 ra1cm2
36 00:30:00 ra6cm2
36 00:30:00 ra1cm2
36 01:15:00 ra6cm2
36 01:15:00 ra1cm2
36 01:35:00 ra6cm2
36 01:47:00 ra1cm2
36 03:00:00 ra6cm2
36 03:00:00 ra1cm2
36 03:20:00 ra6cm2
36 03:31:00 ra1cm2
36 04:45:00 ra6cm2
36 04:45:00 ra1cm2
36 05:05:00 ra6cm2
36 05:16:00 ra1cm2

36 06:30:00 ra6cm2
36 06:30:00 ra1cm2
36 06:40:00 ra6cm2
36 07:01:00 ra1cm2
36 08:03:00 ra2cm2
36 08:09:00 ra7mm2
36 08:15:00 ra6cm2
36 08:15:00 ra1cm2
36 08:25:00 ra6cm2
36 08:46:00 ra2cm2
36 08:55:00 ra7mm2
36 09:04:00 ra6cm2
36 08:46:00 ra1cm2
36 09:04:00 ra6cm2
36 10:00:00 ra2cm2
36 10:10:00 ra7mm2
36 10:20:00 ra6cm2
36 10:20:00 ra1cm2
36 10:20:00 ra6cm2
36 11:21:00 ra1cm2
36 11:21:00 ra6cm2
36 11:26:30 ra2cm2
36 11:32:00 ra7mm2
36 11:37:30 ra1cm2
36 11:43:00 ra6cm2
36 11:46:30 ra2cm2
36 11:50:00 ra7mm2
36 11:53:30 ra1cm2
36 11:57:00 ra2cm2
36 12:02:30 ra7mm2
36 12:08:00 ra1cm2
36 12:13:30 ra2cm2
36 12:19:00 ra7mm2
36 12:24:30 ra2cm2
36 12:30:00 ra7mm2
36 12:35:30 ra2cm2
36 12:41:00 ra7mm2
36 12:46:30 ra2cm2
36 12:53:00 ra7mm2

Ftp: ftp://ftp.atnf.csiro.au/pub/people/vlbi/radioastron/gs032c

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Comments:

Observing comments for each antenna:

Ho	Cd	At	Mp	Ky	Ku	Kt	Bd	Pu	Kl	On	Tr	Kz	Hh	Nt	Mc	Jb	Wb	Sv	Zc	Ef	Ys	Sc	Hn	Nl	Gb	Gt	La	Pt	Fd	Br	Kp	Ov	Ar	Mk

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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