



## Correlation Status March 2017

Project Code	Block Code	Sources	DOYS	UT	Frq	Stations	Status	PI
MN001	<a href="#">C171A</a>	3C84	89-90	8:30-1:30	86	Eb,Yb,On,Mh,KVN,GB,VLBA	Correlated, quality checked	Nagai
MA009		M87	89-90	22-13	86	Eb,Yb,On,Mh,Pv,KVN,GB,VLBA	Correlated, quality checked	Asada
MB005	<a href="#">C171B</a>	NGC1052	90	9:30-24	86	Eb,Yb,On,Mh,Pv,GB,VLBA,Nt(7mm)	Correlated, quality checked	Baczko
MM07B	<a href="#">C171C</a>	Fermi sources	90-92	19-18:20	86	Eb,Yb,On,Mh,Pv,KVN,GB,VLBA	Correlated, quality checked	Mars
<a href="#">MG002</a>	-	OJ287	92-93	17:20-07	86	Eb,Yb,On,Mh,Pv,Aa,VLBA	Correlated, quality check	Gomez
<a href="#">MB007</a>	-	Sgr*	93	03-15:20	86	Eb,Yb,Pv,GB,Aa,VLBA	Correlated, quality check	Brink
<a href="#">MA008</a>	-	3C273	93-94	19-11	86	Eb,Yb,Pv,On,Mh,Aa,VLBA	Correlated, quality check	Akiyama

### General comments:

Whole session:

- Ys has (as usual) observed LCP only
- Pt has fringes only in parts of the experiment and only to a few stations

ALMA-mode:

- MH no fringes. Strange AC indicating error in setup of firmware. MH has a rare DBBC setup.
- Pv: used 32 MHz PFB by mistake. Not included in first run with 58 MHz sub-bands.
- Ys fringes in MB007. Seems to have used 32 MHz PFB in other 2 observations.
- ALMA: first time with GMVA and good fringes
- A 2nd correlation pass was done to recover Pv and Ys: requires experimental zoom-mode and stitching of sub-bands to 58 MHz. More info under [mg002](#).

- 3 correlations done:
  - 58 MHz sub-bands (defined by ALMA sub-bands). No Pv and Ys data included
  - 32 MHz sub-bands to match Pv and Ys setup, correlated with all stations
  - different "zoom-bands" which cut good pieces of ALMA mode and 32 MHz mode. Has to be stitched together by new task written by J. Wagner to form again 58 MHz sub-bands. This is transparent to the users. Correlated with all stations.