

## 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 | Baczk |
| 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   | Gome  |
| <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   | Akiya |

## 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.