

# C171A correlation report

## General

- Session info: <http://www3.mpifr-bonn.mpg.de/div/vlbi/globalmm/>
- Station feedback: [http://www3.mpifr-bonn.mpg.de/div/vlbi/globalmm/sessions/apr17/feedback\\_apr17.asc](http://www3.mpifr-bonn.mpg.de/div/vlbi/globalmm/sessions/apr17/feedback_apr17.asc)

## Status

What	Date
Correlation 2nd round finished	27.7.2017
Conversion to HOPS (note that the KVN setup leads to problems on other baselines)	27.7.2017
Fourfit fringe fitting	3.8.2017
Conversion to FITS with -u (union) option	27.7.2017
PCList check	28.7.2017
aedit plots of AMP, SNR, DRATE, SBDEL, MBDEL	3.8.2017
Read into AIPS and spot checking	28.7.2017
PSPLOT (red codes for baselines affected by KVN/HOPS problem)	3.8.2017
Material sent to PI	

## Fringe search:

Station	Code	Fringes	Plots	Comment
Ef	F	yes	<a href="#">No0577_F.pdf</a>	Effelsberg DBBC2: coherence bad
Eb	B	yes	<a href="#">No0577_EB.pdf</a>	Effelsberg RDBE: coherence bad
On	X	yes	<a href="#">No0557_X.pdf</a>	
Mh	Z	yes	<a href="#">No0244_Z.pdf</a>	
Pv	P	yes	<a href="#">No0584_PV.pdf</a>	
Ys	Y	yes	<a href="#">No0584_Y.pdf</a>	LCP only
Fd	f	yes	<a href="#">No0584_f.pdf</a>	
La	l	yes	<a href="#">No0584_l.pdf</a>	
Pt	p	yes	<a href="#">No0584_p.pdf</a>	weak fringes to a few stations (3C273 & 3C279 only)
Nl	n	yes	<a href="#">No0584_n.pdf</a>	
Mk	m	yes	<a href="#">No0577_m.pdf</a>	
Kp	k	yes	<a href="#">No0584_k.pdf</a>	
Ov	o	yes	<a href="#">No0584_o.pdf</a>	
Br	b	yes	<a href="#">No0584_b.pdf</a>	
Gb	G	yes	<a href="#">No0584_G.pdf</a>	
Ku	u	yes	<a href="#">No0220_u.pdf</a>	
Ky	y	--	--	no data
Kt	t	yes	<a href="#">No0220_t.pdf</a>	

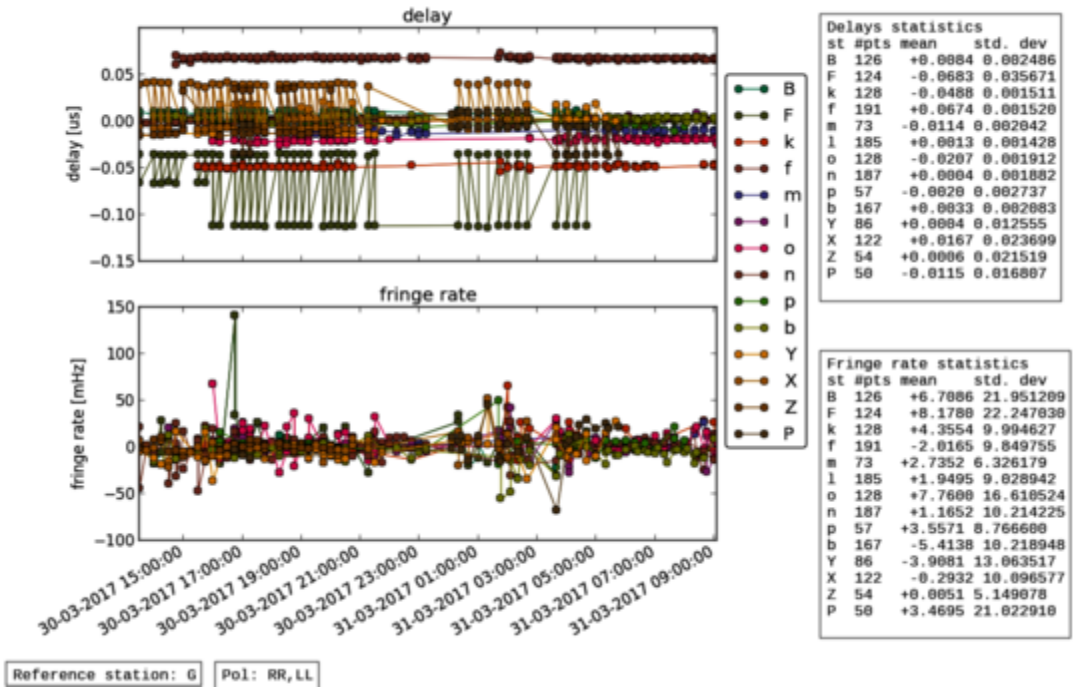
### Notes

- Vex file used in correlation: [c171a.vex.difx](#)
- V2D file used in correlation: [c171a.v2d](#)
- Scans missed: [c171a.nodata](#)

### Post-Correlation checks

#### Residuals

#### reference G (GBT)



### FITS completeness (plist)

Legend:

- o: station is included in the FITS-file (data is complete)
- x: expected station is missing in the FITS-file
- number: percentage of job time in the FITS-file compared to expected time.

			EB	EF	ON	YS	MH	KY	KU	KT	GB	NL	BR	LA	FD	PT	OV	KP	PV	MK
c171a_001	No0202	3C84	3mm_RDBE	x	o	o	o	95	x	o	o									
c171a_002	No0203	3C84	3mm_RDBE	o	o	o	o	95	x	o	o									
c171a_003	No0204	NRAO150	3mm_RDBE	o	o	o	o	95	x	o	o									
c171a_004	No0205	3C84	3mm_RDBE	o	o	o	85	95	x	o	o									
c171a_005	No0206	3C84	3mm_RDBE	o	o	o	o	95	x	o	o									
c171a_006	No0207	3C84	3mm_RDBE	o	o	o	o	95	x	o	o									
c171a_007	No0208	3C84	3mm_RDBE	o	o	o	o	95	x	o	o									
c171a_008	No0209	3C84	3mm_RDBE	o	o	o	o	x	x	o	o									
c171a_009	No0210	NRAO150	3mm_RDBE	o	o	o	o	x	x	o	o									
c171a_010	No0211	3C84	3mm_RDBE	o	o	o	o	x	x	o	o									
c171a_011	No0212	3C84	3mm_RDBE	o	o	o	o	x	x	o	o									
c171a_012	No0213	3C84	3mm_RDBE	o	o	o	o	x	x	o	o									
c171a_013	No0214	3C84	3mm_RDBE	o	o	o	o	x	x	o	o									
c171a_014	No0215	3C84	3mm_RDBE	o	o	o	71	71	x	o	o									
c171a_015	No0216	NRAO150	3mm_RDBE	o	o	o	o	95	x	o	o									
c171a_016	No0217	3C84	3mm_RDBE	o	o	o	o	95	x	o	o									
c171a_017	No0219	3C84	3mm_RDBE	o	o	o	o	o	x	o	o									
c171a_018	No0220	3C84	3mm_RDBE	o	o	o	o	95	x	o	o									
c171a_019	No0223	3C84	3mm_RDBE	o	o	o	o	95											o	
c171a_020	No0226	3C84	3mm_RDBE	o	o	o	o	95												o
c171a_021	No0230	3C84	3mm_RDBE	o	o	o	o	95											o	o





