

# 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>	

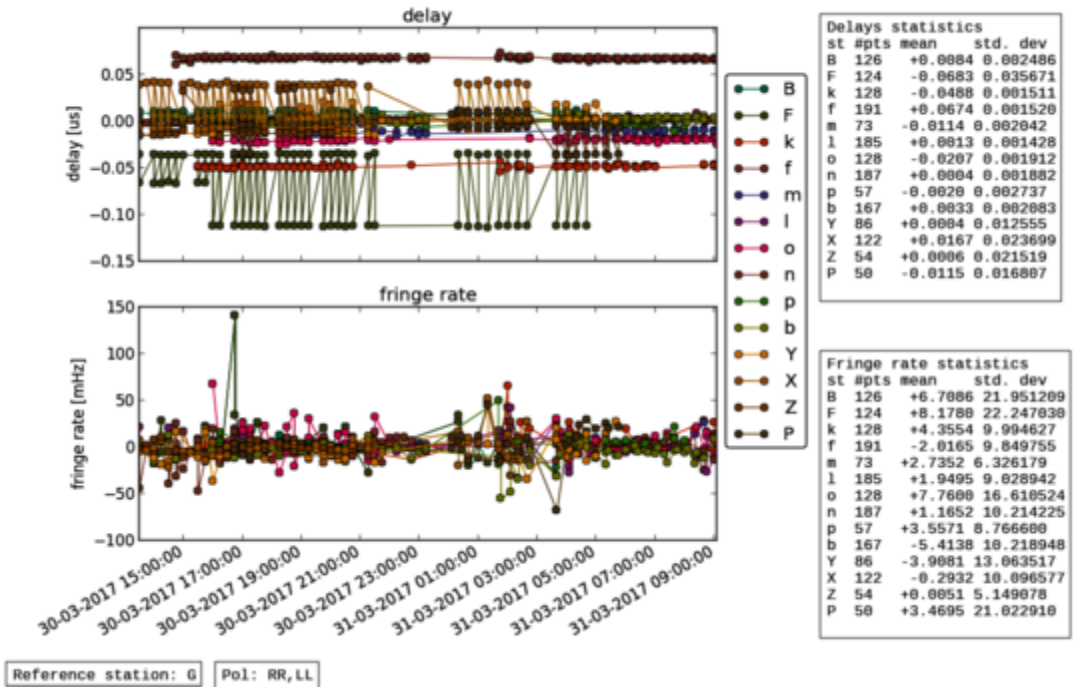
### Notes

- 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





c171a_122	No0617	3C273 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_123	No0618	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_124	No0623	3C279 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_125	No0624	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_126	No0629	3C273 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_127	No0630	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_128	No0636	3C273 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_129	No0637	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_130	No0642	3C279 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_131	No0643	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_132	No0648	3C273 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_133	No0649	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_134	No0655	3C273 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_135	No0656	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_136	No0661	3C279 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_137	No0663	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_138	No0668	3C273 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_139	No0669	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_140	No0675	3C273 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_141	No0677	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_142	No0682	3C279 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_143	No0684	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_144	No0689	3C273 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_145	No0691	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_146	No0696	3C273 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_147	No0698	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_148	No0703	3C279 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_149	No0704	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_150	No0707	3C273 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_151	No0708	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_152	No0713	3C273 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_153	No0714	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_154	No0719	3C273 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_155	No0720	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_156	No0724	3C273 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_157	No0725	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_158	No0729	3C273 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_159	No0730	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_160	No0734	3C273 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_161	No0735	M87 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_162	No0740	3C345 3mm_RDBE	o	o	o	o	o	o	o	o
c171a_163	No0741	1633+38 3mm_RDBE	o	o	o	o	o	o	o	o