

Experiment in 2018

14-15 Oct. 2018

		Value [0.1fs/s]	Error [1.e-16]
VLBI HM3(NICT)-HM(INAF)	VMF3(Dry+Wet+Grad)INAF	4137.1	16.5
IPPP			
Sr-HM13		-5008.7	0.6
Fiber Link HM(INAF)-HM3(INRiM)		9754.0	1.3
HM(3)-Yb		-8875.4	1.2
Sub Summary (Sr/Yb-1)	VMF3(Dry+Wet+Grad)INAF	7.0	16.6
Final Solution	VMF3(Dry+Wet+Grad)INAF	7	16.6

Summary Avg (Sr/Yb-1)

#REF! #REF!

4-5 Nov. 2018 IPPP

Value [0.1fs/s]	Error [1.e-16]	Value [0.1fs/s]	Error [1.e-16]
4027.6	9.3		
		4029.7	2.3
-5010.9	1.2	-5010.9	1.2
9940.0	2.0	9940.0	2.0
-8964.3	1.4	-8964.3	1.4
-7.6	9.7		3.6
-7.6	9.7	-5.5	3.6

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14-15 Nov. 2018 IPPP

Value [0.1fs/s]	Error [1.e-16]	Value [0.1fs/s]	Error [1.e-16]
3982.1	4.1		
		3991.6	3.2
-5015.1	0.6	-5015.1	0.6
10028.0	3.0	10028.0	3.0
-8993.5	1.0	-8993.5	1.0
1.5	5.2		4.5
1.5	5.2	11.0	4.5

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24-25 Nov. 2018 IPPP

Value [s/s]	Value [0.1fs/s]	Error [1.e-16]	Value [0.1fs/s]	Error [1.e-16]
3.9217E-13	3921.7	13.3		
3.9358E-13			3935.8	1.5
-4.9946E-13	-4994.6	0.6	-4994.6	0.6
1.0112E-12	10111.7	4.3	10111.7	4.3
-9.0250E-13	-9025.0	1.0	-9025.0	1.0
	13.8	14.0		4.7
	13.8	14.0	27.9	4.7

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4-6 Dec. 2018 IPPP

		Value [0.1fs/s]	Error [1.e-16]	Value [0.1fs/s]	Error [1.e-16]
VLBI HM3(NICT)-HM(INAF)	VMF3(Dry+Wet+Grad)INAF	3863.5	3.1		
IPPP				3872.1	2.0
DMTD HM3(NICT)-HM15(NICT)		12773.0	0.9	12773.0	0.9
Sr-HM15		7773.3	0.6	7773.3	0.6
Fiber Link HM(INAF)-HM3(INRiM)		10173.0	8.0	10173.0	8.0
HM(3)-Yb		-9042.0	4.0	-9042.0	4.0
Summary (Sr/Yb-1)	VMF3(Dry+Wet+Grad)INAF	-5.2	9.5	3.4	9.2
Final Solution	VMF3(Dry+Wet+Grad)INAF	-5.2	9.5	3.4	9.2

Avg (Sr/Yb-1)

#REF! #REF!

15-16 Dec. 2018 IPPP

Value [0.1fs/s]	Error [1.e-16]	Value [0.1fs/s]	Error [1.e-16]
3814.8	3.6		
		3814.5	2.0
12880.5	0.8	12880.5	0.8
7880.0	7.0	7880.0	7.0
10264.0	3.0	10264.0	3.0
-9092.3	2.1	-9092.3	2.1
-14.0	8.7		8.2
-14	8.7	-14.3	8.2

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25-26 Dec. 2018 IPPP

Value [0.1fs/s]	Error [1.e-16]	Value [0.1fs/s]	Error [1.e-16]
3784.4	6.8		
		3778.6	1.7
12933.6	0.6	12933.6	0.6
7950.1	0.6	7950.1	0.6
10369.0	3.0	10369.0	3.0
-9159.7	4.0	-9159.7	4.0
10.2	8.5		5.3
10.24	8.5	4.5	5.3

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Experiment in 2019

15-16 Jan. 2019

		Value [0.1fs/s]	Error [1.e-16]
VLBI HM3(NICT)-HM(INAF)	VMF3(Dry+Wet+Grad)INAF	7175.5	6.2
DMTD HM3(NICT)-HM15(NICT)		13084.0	0.9
Sr-HM15		8118.1	0.6
Fiber Link HM(INAF)-HM3(INRIM)		7050.0	6.0
		7.251(6)e-13 s/s	
HM(3)-Yb		-9254.0	1.0
Summary (Sr/Yb-1)	VMF3(Dry+Wet+Grad)INAF	5.6	8.8
Final Solution	VMF3(Dry+Wet+Grad)INAF	5.6	8.8

Avg (Sr/Yb-1)

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25-26 Jan. 2019

Value [0.1fs/s]	Error [1.e-16]
7111.0	13.8
13158.8	0.8
8208.6	0.6
7131.0	2.7
-9275.9	0.6
15.9	14.1
15.95	14.1

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14-15 Feb. 2019

Value [0.1fs/s]	Error [1.e-16]
7007.0	12.9
13344.0	1.0
8393.7	0.6
7241.3	4.5
-9295.8	1.5
2.2	13.8
2.24	13.8

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Sr/Yb-1 Summary

Year/Doy	MJD	Using VLBI [1.e-16]	uncertainty [1.e-16]	using IPPP [1.e-16]	uncertainty [1.e-16]
2018/287	58405.64861	7.0	16.6		
2018/308	58426.02708	-7.6	9.7	-5.5	3.6
2018/318	58436.33264	1.5	5.2	11.0	4.5
2018/327	58445.99931	13.8	14.0	27.9	4.7
2018/338	58456.79097	-5.2	9.5	3.4	9.2
2018/349	58467.02014	-14.0	8.7	-14.3	8.2
2018/359	58477.24931	10.2	8.5	4.5	5.3
2019/015	58498.24931	5.6	8.8		
2019/025	58508.13194	15.9	14.1		
2019/045	58528.12431	2.2	13.8		
	Weighted average	1.86	2.8	5.55	5.9

0.3097	0.42154909	0.060221			
-0.9760	-0.7843392	0.103203			
-0.0684	0.28777061	0.191847	-3.0946	-1.5355237	0.280717
0.8515	0.98385875	0.071294	1.1999	2.42358957	0.220326
-0.7406	-0.5457682	0.104955	4.7534	5.93482704	0.212718
-1.8188	-1.6058045	0.1147	-0.2388	0.3629957	0.108357
0.9883	1.20713093	0.117884	-2.4188	-1.7405096	0.122124
0.4277	0.63980156	0.11425	-0.2011	0.83719217	0.186957
0.9988	1.13040993	0.070872			
0.0278	0.16239134	0.072496			
0.0000	7.792569	1.89700028	1.021723	0.0000	39.559246
	2.7617	1.85666761			5.9136
					6.28257122
					1.131199
					-4.9339
					-4.36166