

## BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results  
 Degrees of equivalence  $D_k = [UTC - UTC(k)]$  for April 2022  
 Computed 2022 MAY 12, 12h UTC

Coordinated Universal Time **UTC** and its local realizations **UTC(k)** in National Metrology Institutes and Designated Institutes.

Computed values of  $[UTC - UTC(k)]$  and uncertainties valid for the period of this publication

Date 2022 0h UTC	APR 5	APR 10	APR 15	APR 20	APR 25	APR 30	Uncertainty/ns
MJD	59674	59679	59684	59689	59694	59699	
Laboratory <i>k</i>	$[UTC - UTC(k)]/ns$						$U_k$
BelGIM	1.3	0.9	0.7	0.3	0.5	-0.1	6.4
BEV	-18.1	-24.9	-38.7	-45.1	-47.6	-47.6	5.2
BFKH	4603.9	4638.6	4666.4	4699.0	4737.9	4768.8	40.2
BIM	16022.9	16040.0	16057.5	16064.5	16094.8	16119.3	14.2
BMM	454.2	455.6	455.8	454.8	459.7	453.8	40.0
BOM	-	-	-	-	-	-	
CENAM	3.4	0.8	-4.0	3.4	-2.4	6.6	8.4
CENAMAP AIP	18.7	6.0	14.6	15.9	6.7	12.0	10.6
DEF-NAT	1899.4	1991.2	2086.8	2177.8	2271.9	2375.0	40.0
DMDM	18.5	-	-	-	-	-	7.0
EIM	7.5	6.8	6.1	13.2	10.0	7.4	23.8
EMI	32.4	38.8	31.7	15.8	21.1	28.3	40.8
ESA	-0.5	-0.5	-0.7	-1.1	-0.6	-0.2	5.4
FTMC	581.8	590.0	613.8	619.8	624.0	623.2	6.2
GUM	2.7	2.8	2.8	1.9	1.3	0.6	5.8
ILNAS	9.5	8.0	-0.4	-4.1	-0.5	-9.1	5.2
IMBIH	-0.4	-1.9	2.8	-3.0	-3.3	0.1	6.0
INACAL	1366.8	1466.5	677.1	15.1	121.3	346.7	41.2
INM	838.1	810.9	791.9	772.2	747.1	733.6	15.0
INM(CO)	510.5	498.4	470.2	449.6	438.2	411.7	40.2
INMETRO	-17.3	-9.4	1.7	11.3	-8.2	-18.1	5.6
INPL	18.4	16.9	13.2	20.6	23.9	23.8	14.8
INRIM	-0.1	-1.1	-1.8	-1.5	-1.1	-0.4	3.4
INTI	205.8	207.8	203.7	198.3	201.4	204.0	40.0
IPE/ASCR	23.4	17.9	18.2	31.3	23.3	31.5	5.2
IPQ	380.7	390.4	390.8	398.4	404.5	412.5	5.2

JV	-70.9	-46.9	-43.9	-38.1	-43.0	-49.6	9.0
KazStandard	1.1	1.4	2.4	2.8	3.5	3.0	8.2
KRISS	1.1	0.9	1.2	1.2	1.0	0.8	6.6
LACOMET	90.3	92.5	94.1	92.6	105.8	123.7	15.4
LNE-SYRTE	0.2	0.1	0.2	0.1	0.2	0.0	2.6
MASM	-334.1	-343.4	-353.8	-350.7	-351.7	-327.6	6.2
METAS	-1.0	-0.8	-0.7	0.4	1.3	1.7	3.2
MIKES	6.7	7.3	7.2	6.9	7.0	6.9	5.6
MIRS/SIQ/Metrology	7809.4	7985.1	8144.9	8295.6	8437.6	8604.1	7.6
MSL	2.7	23.3	34.3	40.6	40.6	32.8	40.2
MUSSD	67.3	67.2	72.0	74.8	79.1	75.7	6.0
NICT	-0.2	-0.8	-2.0	-2.3	-2.0	-1.9	3.4
NIM	-1.6	-1.9	-2.0	-1.8	-1.6	-1.5	3.6
NIMT	77.1	99.3	116.3	135.6	157.2	149.6	40.0
NIS	-60.3	-56.8	-52.9	-48.4	-42.7	-42.3	14.0
NIST	-1.3	-0.8	0.1	1.1	1.5	1.4	5.0
NMC, A*STAR	-4.9	4.2	5.8	13.3	7.5	3.9	6.0
NMIA	-547.1	-538.9	-534.2	-525.3	-523.7	-514.9	22.4
NMIJ AIST	-12.2	-11.8	-11.5	-10.6	-9.6	-10.0	7.0
NMIM	-83.8	-215.9	-354.9	-489.8	-492.3	-410.0	7.6
NMISA	-0.2	-1.9	-6.7	-7.7	-4.9	-5.0	6.2
NPL	1.3	1.6	0.7	-1.5	-3.4	-3.9	3.2
NPLI	-2.2	-2.3	-2.3	-2.3	-2.0	-1.9	6.2
NRC	-1.8	-1.6	-3.0	-4.5	-5.4	-6.5	6.6
NSAI NML	-225.0	-226.8	-223.6	-226.0	-228.4	-228.5	14.4
NSC IM	-56.5	-45.9	-31.0	-10.7	8.0	6.6	15.6
ON/DSHO	-2.3	-2.0	-2.7	3.5	-0.4	-6.3	40.0
PTB	1.3	1.1	1.0	0.7	0.6	0.5	1.4
RISE	0.4	0.1	0.7	1.1	0.8	0.6	3.2
ROA	-0.7	-1.1	-1.4	-1.6	-1.3	-1.9	3.0
SASO-NMCC	-3031.9	-3041.4	-3044.7	-3054.0	-3061.2	-3073.8	6.6
SCL	-7.0	-1.4	-8.4	-16.3	-19.6	-22.6	6.4
SMD	2.4	1.1	0.4	0.3	0.1	-0.7	6.8
SMU	-74.3	-86.3	-93.3	-91.3	-	-	24.6
SNSU-BSN	1683.8	1698.8	1698.2	1733.6	1756.7	1768.1	6.0
TL	1.3	1.1	1.2	1.3	0.9	0.6	3.6
UME	3.5	3.5	-0.4	-1.5	-0.8	-0.3	7.2
VMI-STAMEQ	2.6	-1.6	-2.0	6.9	7.0	0.2	14.2
VNIIFTRI	0.4	0.3	0.3	0.1	0.0	-0.1	4.2
VSL	8.9	7.8	-1.1	-6.6	-9.2	-8.3	3.0