BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
Degrees of equivalence $D_k = [UTC - UTC(k)]$ for October 2023
Computed 2023 NOVEMBER 10, 15h 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 2023 0h UTC	OCT 2	OCT 7	OCT 12	OCT 17	OCT 22	OCT 27	Uncertainty/ns
MJD	60219	60224	60229	60234	60239	60244	
Laboratory k			$[UTC - UTC(k)]$/ns				U_k
BelGIM	-0.6	0.5	0.6	0.0	-0.6	-1.2	6.8
BEV	17.0	26.0	36.6	56.8	71.0	73.9	5.8
BFKH	8585.5	8631.7	8682.3	8724.4	8762.0	8809.2	40.2
BIM	18455.5	18454.3	18455.8	18423.5	18445.4	18447.5	5.8
BMM	475.7	502.8	528.0	537.6	568.7	583.8	40.0
CENAM	-4.6	-1.5	-0.4	-0.9	-1.1	-5.9	9.2
CENAMAP AIP	-21.2	4.4	0.8	3.3	5.1	1.1	10.8
DEF-NAT	379.7	477.6	255.5	341.0	430.9	544.3	40.0
DFM	-1.9	-2.8	-2.8	-3.0	-3.8	-4.3	5.8
DMDM	9.1	1.2	-17.7	-17.4	-16.2	-13.3	7.6
EMI	22.7	35.8	29.1	17.5	31.2	31.9	22.0
ESA	0.0	-0.2	-0.2	0.5	0.7	0.2	5.8
FTMC	-	-	-	17.3	34.3	39.8	14.4
GUM	4.2	3.6	3.0	2.3	1.5	0.9	6.0
IBMETRO	155.4	162.1	157.1	156.1	181.1	184.3	17.0
ILNAS	5.3	10.0	20.7	25.2	33.3	41.3	5.8
IMBIH	1.0	0.6	1.7	1.1	-0.4	-0.8	5.8
INACAL	960.8	942.9	934.3	909.3	864.9	811.4	41.2
INM	73.0	80.3	85.8	80.3	75.5	60.8	15.4
INM(CO)	-105.5	-105.9	-98.2	-91.9	-94.1	-115.1	40.4
INMETRO	12.6	-2.9	-10.8	11.7	1.4	24.6	6.2
INPL	-8.3	-12.5	-18.8	-16.5	-19.5	-29.7	15.0
INRIM	-1.2	-1.2	-0.8	-0.7	-0.5	-0.4	4.0
INTI	248.0	243.3	257.9	254.3	253.9	271.0	6.6
IPE/ASCR	-9.8	-10.9	5.4	10.8	18.9	21.6	5.8
IPQ	968.2	974.6	973.5	980.5	981.2	991.4	5.8

JV	3.0	3.5	3.5	3.0	2.2	1.4	9.4
KazStandard	-4.1	-3.2	-2.5	-2.1	-1.5	-1.3	8.6
KRISS	-1.7	-2.2	-1.3	0.4	1.6	2.1	5.8
LAMETRO-ICE	-101.4	-84.4	-83.0	-83.7	-77.7	-72.2	16.2
LNE-SYRTE	0.5	1.0	1.3	1.4	1.6	1.2	3.4
MASM	-834.2	-889.3	-942.2	-982.7	-	-	6.8
METAS	-1.0	-0.2	0.6	0.0	-0.2	-0.2	3.6
MIKES	-3.4	-4.0	-4.5	-4.8	-4.9	-4.9	6.2
MIRS/SIQ/Metrology	84.0	99.0	108.0	117.0	127.9	137.2	8.0
MSL	57.0	60.1	66.6	43.4	41.6	19.7	6.0
MUSSD	-	-	-	-	-	-	
NICT	-1.2	-1.3	-0.6	-0.3	-0.1	0.0	4.4
NIM	-0.9	-1.1	-0.9	-0.7	-0.8	-0.6	4.4
NIMT	19.5	16.1	6.9	7.2	14.5	20.2	5.8
NIS	35.0	35.2	38.9	34.3	24.9	24.9	14.4
NIST	1.7	2.0	1.9	2.1	1.6	0.6	5.4
NMC, A*STAR	0.4	0.2	-3.9	-3.6	-5.2	4.2	6.6
NMIA	-432.9	-437.7	-431.3	-432.6	-424.6	-431.4	5.8
NMIJ AIST	7.6	8.6	10.0	10.0	9.4	8.8	5.8
NMIM	-377.0	-329.6	-284.9	-248.1	-211.1	-175.8	5.8
NMISA	-11.0	-13.7	-10.7	-2.7	6.2	8.4	7.0
NPL	-1.0	-0.5	-1.5	-1.6	-1.9	-2.1	3.6
NPLI	1.5	1.1	0.7	0.4	-0.4	-0.2	6.6
NRC	0.5	1.0	0.9	0.7	0.7	0.8	7.2
NSAI NML	37.1	33.3	37.5	48.6	55.0	59.9	14.6
NSC IM	6.9	5.6	6.2	14.0	1.6	3.5	15.8
ON/DSHO	2.2	3.6	4.4	1.9	0.7	0.3	6.2
PTB	0.4	0.3	0.5	0.2	0.2	-0.2	1.6
RISE	1.4	1.1	1.4	2.3	2.8	2.5	3.8
ROA	-3.7	-3.6	-3.0	-2.7	-2.7	-3.8	3.6
SASO-NMCC	125.8	124.3	121.2	112.8	109.7	101.6	7.6
SCL	16.8	11.9	21.1	22.0	32.8	39.8	7.0
SMD	3.4	3.0	3.2	3.5	4.0	2.9	7.4
SMU	461.4	526.4	277.1	305.6	264.9	245.4	27.2
SNSU-BSN	1778.7	1767.6	1779.3	1774.3	1753.4	1735.0	6.6
TL	2.0	1.9	1.7	0.9	0.9	1.0	4.4
UME	0.7	0.4	-0.9	1.9	1.5	0.6	7.6
UTE	-	-	-	-	-	-	
VMI-STAMEQ	-8.2	-3.4	-5.2	1.9	-3.3	-0.5	6.4
VNIIFTRI	-0.3	0.0	-0.4	-0.2	-0.5	-0.1	3.8
VSL	-1.8	4.5	0.1	-1.7	-8.2	-10.4	3.6