

## BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results  
 Degrees of equivalence  $D_k = [UTC - UTC(k)]$  for February 2024  
 Computed 2024 MARCH 12, 09h 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 2024 0h UTC	FEB 4	FEB 9	FEB 14	FEB 19	FEB 24	FEB 29	Uncertainty/ns
MJD	60344	60349	60354	60359	60364	60369	
Laboratory <i>k</i>	$[UTC - UTC(k)]/ns$						$U_k$
BelGIM	0.3	0.3	-0.7	-1.1	-2.2	-2.4	6.8
BEV	-6.2	-0.1	-1.5	-6.2	-6.2	-5.2	6.0
BFKH	9652.7	9697.4	9745.3	9787.6	9833.5	9874.2	40.2
BIM	18817.6	18816.7	18860.8	18866.6	18906.5	18945.0	6.0
BMM	1065.1	1094.5	1123.1	1150.7	1173.1	1196.3	40.0
CENAM	-1.7	1.4	1.8	1.0	-1.5	-2.7	9.4
CENAMAP AIP	-2.7	-	-	-	-12.5	2.3	11.0
DEF-NAT	-840.1	-948.3	-1054.6	-1131.6	-1214.7	-1312.1	40.0
DFM	-7.0	-7.6	-8.8	-9.5	-10.5	-10.7	6.0
DMDM	9.7	11.3	13.3	25.4	6.4	-7.7	7.8
EMI	26.2	32.9	25.7	34.8	24.0	27.5	22.0
ESA	-1.5	-1.5	-2.0	-1.4	-0.8	-1.1	6.0
FTMC	195.5	202.0	216.1	238.8	245.4	262.3	14.2
GUM	1.2	1.4	2.1	2.0	2.4	2.2	6.0
IBMETRO	263.8	284.8	272.9	274.3	302.8	309.9	17.0
ILNAS	-12.6	-18.2	-16.4	-2.4	-4.3	-1.9	6.0
IMBIH	1.0	1.1	1.0	1.4	-0.3	-0.8	6.0
INACAL	948.9	946.7	950.1	946.7	963.0	960.4	41.2
INM	-299.8	-309.3	-330.3	-348.8	-365.5	-315.4	15.4
INM(CO)	-130.8	-125.8	-138.0	-121.6	-135.3	-129.6	40.8
INMETRO	0.7	1.0	0.7	-4.0	3.1	1.9	6.4
INPL	13.0	7.9	2.9	1.7	-3.0	-8.6	15.2
INRIM	0.1	0.7	1.0	0.5	0.2	-0.3	4.0
INTI	253.7	242.2	244.9	252.8	252.1	236.5	6.6
IPE/ASCR	15.3	16.8	8.9	14.7	23.0	27.6	6.0
IPQ	1094.3	1093.0	1092.0	1105.9	1108.0	1117.6	6.0

JV	-1.5	-1.2	-1.7	-1.6	-1.1	-1.2	9.4
KazStandard	-0.1	-0.2	0.5	1.2	2.8	5.2	8.6
KRISS	1.2	1.1	1.2	1.0	0.6	0.4	6.0
LAMETRO-ICE	37.5	43.3	45.3	49.0	68.9	64.8	16.4
LNE-SYRTE	-1.2	-0.8	-1.1	-0.6	0.2	0.0	3.6
MASM	-	-	-	-	-	-	-
METAS	2.2	2.3	2.2	2.4	-0.7	-3.3	3.8
MIKES	-4.5	-3.3	-2.3	-1.2	-0.8	-0.8	6.0
MIRS/SIQ/Metrology	205.4	210.9	215.9	228.4	227.7	235.8	8.0
MSL	-5.0	-7.4	-4.9	-12.5	-21.3	-17.6	6.2
NICT	0.8	0.8	0.1	0.0	-0.4	-0.6	4.6
NIM	1.2	0.8	0.9	0.8	0.8	0.5	4.6
NIMT	3.0	-4.4	11.7	8.2	14.4	5.3	6.2
NIS	68.5	66.0	65.4	64.6	80.4	83.0	14.4
NIST	-2.2	-1.5	-0.7	-0.4	-0.8	-0.7	5.4
NMC, A*STAR	-10.8	-0.7	13.4	1.0	-3.0	-7.9	6.8
NMIA	-402.9	-408.0	-412.2	-407.1	-392.0	-390.9	6.0
NMIJ AIST	-3.7	-3.9	-4.1	-4.0	-4.2	-4.0	6.0
NMIM	-137.7	-149.5	-160.3	-171.3	-192.1	-202.9	6.0
NMISA	-5.9	-4.5	3.6	4.4	-0.4	-4.7	9.6
NPL	-2.5	-2.9	-1.9	-2.5	-3.2	-1.7	3.8
NPLI	-0.8	-0.4	-0.3	-0.3	-0.6	-0.9	6.8
NRC	-2.6	-3.2	-3.6	-3.6	-3.6	-3.6	7.4
NSAI NML	160.7	159.4	166.9	175.0	178.9	178.2	14.6
NSC IM	-4.3	6.1	-4.7	2.3	-2.5	-8.9	16.0
ON/DSHO	-0.1	0.4	3.8	3.9	1.0	-1.8	6.4
PTB	-0.6	-0.8	-1.0	-1.1	-1.3	-1.6	1.6
RISE	-2.4	-1.7	-1.3	-0.9	-0.9	-1.1	3.8
ROA	-5.7	-4.2	-4.6	-5.4	-5.6	-5.5	3.8
SASO-NMCC	19.6	12.2	10.2	11.4	6.2	0.9	7.4
SCL	86.2	99.7	87.4	77.1	63.4	66.3	7.2
SMD	0.1	0.3	0.2	0.0	-0.2	-0.7	7.2
SMU	164.2	124.6	105.9	98.8	72.8	58.9	27.2
SNSU-BSN	1758.3	1727.0	1700.1	1683.2	1684.0	1683.2	6.8
TL	-1.0	-0.8	-0.2	-0.1	0.0	0.4	4.6
UME	-1.1	0.9	-0.6	-4.0	-1.0	-0.9	7.8
UTE	-	-	-	-	-	-	-
UzNIM	-99.7	-77.0	-56.3	-30.0	-11.2	12.1	14.2
VMI-STAMEQ	-82.4	-79.4	-68.2	-49.5	-38.1	-14.1	6.4
VNIFTRI	0.5	0.3	0.1	0.0	0.0	0.2	3.6
VSL	-0.2	-0.4	-0.6	-0.6	-0.8	-0.7	3.8