BUREAU INTERNATIONAL DES POIDS ET MESURES

Key comparison CCTF-K001.UTC - Results
Degrees of equivalence D_k = [*UTC* - *UTC*(*k*)] for February 2025
Computed 2025 MARCH 11, 07h 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 2025 0h UTC	FEB 3	FEB 8	FEB 13	FEB 18	FEB 23	FEB 28	Uncertainty/ns			
MJD	60709	60714	60719	60724	60729	60734				
Laboratory *k*			[*UTC* - *UTC*(*k*)]/ns				U_a	U_b	U_k	
BelGIM	-0.6	-0.6	0.4	1.7	1.5	1.3	3.0	6.2	6.8	
BEV	-7.4	-3.0	1.1	5.3	7.4	8.7	0.4	5.8	5.8	
BFKH	1328.9	1387.7	1435.3	1491.5	-	-	1.4	14.2	14.2	
BIM	3150.1	3193.8	3237.7	3281.9	3333.2	3378.5	0.4	5.2	5.2	
BMM	2756.4	2783.6	2815.1	2851.3	2872.8	2891.5	0.4	5.8	5.8	
BSJ	13.1	14.6	31.7	20.1	20.7	26.6	14.0	14.2	20.0	
CENAM	0.2	-0.6	-0.3	-0.3	-0.1	-1.0	6.0	8.8	10.6	
CENAMAP AIP	-18.9	0.6	6.5	4.2	6.1	4.5	0.4	11.0	11.0	
DEF-NAT	-7570.0	-7653.8	-7742.0	-7834.8	-7929.9	-8016.5	1.4	5.2	5.4	
DFM	67.7	73.4	78.6	59.1	-0.7	-0.9	0.4	5.4	5.4	
DZM	62.6	67.9	69.3	73.8	80.7	88.4	0.4	5.2	5.2	
EMI	-	-	-	103.4	-47.8	-201.6	0.4	NC	-	(*)
ESA	0.7	-0.3	-0.5	0.1	-0.2	-0.3	0.4	5.6	5.6	
FTMC	755.8	760.7	773.7	778.5	786.2	798.3	0.4	5.2	5.2	
GUM	1.5	2.0	2.4	2.8	3.0	3.2	0.4	2.0	2.0	
IBMETRO	384.5	378.6	368.2	356.7	367.7	356.5	8.0	15.2	17.2	
ILNAS	-54.2	-56.6	-39.9	4.3	5.5	15.5	0.4	5.4	5.4	
IMBIH	-2.0	0.7	1.9	3.0	3.5	6.1	0.4	5.6	5.6	
INACAL	-45.0	-45.4	-36.5	-39.6	-29.5	-30.2	10.0	NC	-	(*)
INM	-	-	-	-	-	-				
INM(CO)	-28.5	-28.4	-14.6	-18.3	-3.5	-41.6	6.0	NC	-	(*)
INMETRO	-6.5	-12.7	14.5	12.3	-	8.5	0.8	6.6	6.6	
INPL	-59.2	-54.7	-46.0	-55.4	-58.2	-60.1	0.4	15.2	15.2	
INRIM	-0.1	-0.2	-0.2	0.1	0.5	0.6	0.4	2.0	2.0	
INTI	233.0	235.8	237.9	252.3	253.6	254.4	0.4	6.8	6.8	
IPE/ASCR	-6.4	-1.1	-4.6	-2.7	3.7	4.9	0.4	6.0	6.0	
IPQ	1754.7	1766.1	1762.2	-	1769.4	1770.9	1.4	6.0	6.2	

JV	-0.7	-0.5	-1.8	-2.2	-2.1	-1.1	0.4	9.6	9.6	
KazStandard	0.0	4.7	8.9	4.8	1.6	-0.7	1.4	8.6	8.8	
KRISS	-0.3	-1.2	-1.3	-3.4	-3.2	-3.5	0.4	6.0	6.0	
LAMETRO-ICE	-39.4	-41.0	-34.2	-35.7	-33.1	-28.0	0.4	14.2	14.2	
LNE-OP	1.1	1.8	1.8	1.7	1.6	1.3	0.4	2.0	2.0	
MASM	-1014.9	-1034.1	-933.1	-1158.6	-1172.7	-1125.5	2.0	7.0	7.2	
METAS	-1.2	-0.4	-0.1	-0.6	-0.4	0.1	0.4	2.0	2.0	
MIKES	7.6	5.3	3.3	1.9	0.0	-1.8	0.4	5.2	5.2	
MIRS/SIQ/Metrology	896.3	908.6	912.9	924.9	946.8	960.9	0.4	8.2	8.2	
MSL	-10.3	-14.7	-4.3	-5.9	-0.6	4.5	1.4	5.8	6.0	
NICT	1.5	3.2	2.8	2.3	2.2	2.1	0.4	3.8	3.8	
NIM	1.4	1.2	1.1	1.4	1.4	1.7	0.4	3.8	3.8	
NIMT	4.1	-8.3	-5.4	4.0	8.6	14.4	0.4	5.8	5.8	
NIS	42.8	52.1	57.4	54.0	40.9	38.9	1.4	14.4	14.4	
NIST	0.6	0.4	0.4	0.4	0.2	-0.1	0.4	4.0	4.0	
NMC, A*STAR	-1.2	-0.7	-4.3	3.9	10.6	9.8	0.4	5.2	5.2	
NMIA	97.0	107.0	119.2	99.2	68.6	17.5	0.4	5.8	5.8	
NMIJ AIST	-11.4	0.4	11.4	9.7	3.0	-6.2	0.4	5.6	5.6	
NMIM	-76.8	-122.0	-163.7	-182.6	-208.4	-213.6	0.4	5.4	5.4	
NMISA	-15.9	4.9	18.2	37.1	2.5	-6.9	14.0	7.0	15.6	
NPL	0.0	-0.1	0.7	0.2	0.6	0.1	1.0	2.0	2.2	
NPLI	0.1	0.0	0.1	0.2	0.4	0.5	0.4	5.2	5.2	
NRC	-0.8	-1.2	-1.3	-1.2	-0.3	-0.2	0.4	5.2	5.2	
NSAI NML	101.5	87.4	85.4	75.8	-36.9	-47.0	0.4	14.6	14.6	
NSC IM	-12.1	-2.7	3.5	-0.9	-	-1.0	6.0	15.0	16.2	
ON/DSHO	-4.7	-4.8	-2.1	1.1	5.3	1.3	0.4	6.4	6.4	
PTB	-0.1	0.0	-0.0	0.1	0.0	-0.0	0.4	2.0	2.0	
RISE	-1.4	-1.4	-0.9	-0.9	-0.8	-0.7	0.4	2.0	2.0	
ROA	-2.9	-2.4	-2.6	-3.7	-3.7	-3.7	0.4	2.0	2.0	
SASO-NMCC	235.2	250.2	261.9	280.9	295.1	312.6	0.4	7.4	7.4	
SCL	15.7	11.0	10.6	3.7	0.8	-13.3	0.4	7.2	7.2	
SMD	0.9	0.9	1.2	1.3	1.0	1.1	0.4	8.0	8.0	
SMU	-	-	-	-	-	-				
SNSU-BSN	-674.6	-677.1	-692.7	-712.2	-717.7	-719.3	0.4	NC	-	(*)
TL	1.4	1.5	1.2	1.9	1.9	1.8	0.4	3.6	3.6	
UME	1.1	0.7	0.4	2.6	0.4	-1.0	0.4	8.0	8.0	
UzNIM	-122.0	-107.8	-87.6	-73.5	-51.3	-38.6	0.4	14.2	14.2	
VMI-STAMEQ	49.9	73.8	69.1	37.5	-1.1	51.7	1.4	5.6	5.8	
VNIIFTRI	-0.2	-0.1	-0.1	0.1	-0.2	-0.3	0.4	4.2	4.2	
VSL	2.5	1.8	0.9	0.5	0.1	0.1	0.4	2.2	2.2	
ZMDM	18.2	28.8	32.1	46.3	46.2	52.0	0.4	14.8	14.8	

(*) $\boldsymbol{U_a}$ expanded uncertainty guarantees only the traceability in frequency