

**BUREAU INTERNATIONAL DES POIDS ET MESURES**

Key comparison CCTF-K001.UTC - Results  
 Degrees of equivalence  $D_k = [UTC - UTC(k)]$  for August 2020  
 Computed 2020 SEPTEMBER 10, 14h 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 2020 0h UTC MJD	AUG 3 59064	AUG 8 59069	AUG 13 59074	AUG 18 59079	AUG 23 59084	AUG 28 59089	Uncertainty/ns
Laboratory <i>k</i>	$[UTC - UTC(k)]/ns$						$U_k$
BelGIM	2.0	1.2	0.8	-0.7	-2.6	-2.8	24.6
BEV	2.0	4.4	6.8	1.8	-7.0	-3.1	6.4
BFKH	1160.8	1185.5	1206.6	1230.0	1253.9	1274.9	40.2
BIM	13248.6	13300.5	13319.4	13371.2	13393.1	13409.0	14.2
BMM	345.5	376.0	393.8	416.8	440.9	473.2	40.0
BOM	-	-3746.5	-3759.7	-	-	-3811.4	15.2
CENAM	3.2	5.4	8.4	12.8	6.9	12.2	23.0
CENAMAP AIP	-19.2	-8.9	-8.8	-10.2	31.6	2.7	14.8
DEF-NAT	7351.4	7567.5	7814.0	8075.3	8322.9	8541.9	40.0
DMDM	-6.2	-8.6	-4.2	-1.0	4.1	8.3	6.4
EIM	3.2	1.9	0.6	4.1	4.7	5.5	23.8
EMI	16.2	8.5	12.6	13.5	14.8	13.2	17.0
ESA	5.4	2.0	-1.3	-0.2	0.5	2.4	6.2
FTMC	885.4	902.9	924.3	948.6	951.3	967.1	5.6
GUM	0.6	0.1	0.3	0.5	1.0	1.4	5.6
ILNAS	-18.0	-19.9	-20.0	-23.0	-34.4	-34.3	5.8
IMBIH	0.9	0.4	0.3	0.7	-0.1	-0.8	5.4
INACAL	76.0	65.9	52.8	52.3	64.3	64.5	41.2
INM	6275.7	5928.7	5583.2	5247.9	4904.1	4561.9	14.6
INM(CO)	-42.6	-43.5	-34.7	-40.8	-50.0	-51.6	40.2
INMETRO	3.0	2.9	-3.6	-13.8	-36.4	-48.0	40.0
INPL	7.8	1.8	1.8	-2.1	-0.1	-14.5	14.4
INRIM	1.9	1.4	0.6	0.1	-0.1	-0.4	2.6
INTI	24.6	16.8	8.0	0.3	8.9	24.8	40.4
IPE/ASCR	34.2	33.7	37.5	38.2	39.2	32.5	5.4
IPQ	251.5	247.3	245.2	250.7	247.9	244.6	40.0

JV	2.5	13.0	15.2	5.0	1.1	-7.2	8.6
KRISS	3.5	3.8	3.5	3.7	4.6	5.3	6.0
LACOMET	-17.0	-9.6	-19.3	-39.0	-55.7	-57.8	40.4
LATMB	-49.1	-64.0	-66.0	-73.3	-86.0	-79.7	24.6
LNE-SYRTE	-0.1	-0.1	-0.2	0.1	0.4	0.3	2.4
MASM	-342.7	-369.5	-399.1	-420.3	-454.4	-483.9	5.6
METAS	1.5	2.0	2.1	2.4	2.4	1.7	4.8
MIKES	16.0	18.3	20.6	20.0	19.4	18.5	5.2
MIRS/SIQ/Metrology	110.2	95.5	143.9	141.2	127.9	140.5	7.4
MSL	-7.0	-23.7	-33.1	-19.3	6.3	11.3	40.2
MUSSD	110.8	113.7	109.9	-	-	-	5.4
NICT	4.1	0.3	0.2	1.5	0.7	-2.0	4.2
NIM	-2.9	-3.1	-3.7	-3.7	-3.2	-2.7	3.8
NIMT	-	-	-	-	-	-	-
NIS	-16.2	-22.3	-20.6	-10.0	-1.1	3.8	40.0
NIST	-0.2	-0.3	-0.5	-0.6	-0.6	-0.9	4.2
NMC, A*STAR	24.9	16.3	6.0	41.4	14.3	-15.5	5.4
NMIA	-443.3	-451.4	-453.6	-443.7	-413.6	-422.1	12.2
NMIJ AIST	15.3	18.0	19.7	20.2	18.7	16.3	6.4
NMIM	-2418.2	-2391.8	-2374.3	-2344.9	-2339.4	-2328.3	7.0
NMISA	-3.0	0.1	-0.9	-1.2	-	-14.3	5.6
NPL	-0.6	-0.6	-1.9	-1.9	-0.9	0.9	5.4
NPLI	1.4	0.3	-0.2	-0.4	-0.8	-0.8	5.6
NRC	-12.5	-19.7	-14.2	-15.5	-19.3	-11.2	6.0
NSC IM	-10.9	2.0	-0.2	-10.2	13.2	15.4	14.6
ON/DSHO	2.8	-1.4	-1.4	5.0	-2.6	-0.7	40.0
PTB	1.4	1.1	0.9	0.9	0.9	0.7	1.6
RISE	2.3	2.1	1.7	1.0	1.0	0.5	2.4
ROA	-1.4	-1.7	-1.6	-2.3	-1.6	-1.7	2.6
SASO	-1567.5	-1580.8	-1593.1	-1607.9	-1623.4	-1640.4	6.0
SCL	-90.1	-103.9	-111.3	-119.5	-127.8	-142.0	6.2
SMD	-1.6	-0.9	-12.7	-15.0	-13.6	-9.5	6.0
SMU	-85.8	-85.7	-83.8	-87.8	-77.4	-70.9	24.6
SNSU-BSN	2131.9	2151.3	2164.0	2174.8	2185.6	2228.8	5.4
TL	-1.2	-1.7	-1.4	-1.3	-1.6	-1.1	4.2
UME	-9.2	-2.5	5.8	10.8	9.3	1.2	6.4
VMI-STAMEQ	-0.1	-2.4	-3.2	-3.0	0.5	-2.5	14.0
VNIFTRI	2.0	1.8	2.0	2.1	1.1	1.0	4.0
VSL	-1.4	-1.8	2.4	-0.8	-7.3	-12.8	3.8