

## Calibrations between NPL and OP

$d$  are differential time corrections to be added to  $[UTC(NPL) - UTC(OP)]$ ,  
and  $u(d)$  are estimated uncertainties for the periods of comparisons.

Date	$d/ns$	$u(d)/ns$	Reference	Note
October 1986	24.3	2.0	[1]	
February 1994	6.2	1.5	Rapport BIPM-1994/02	(1)
October 1994	0.0	3.0	Rapport BIPM-1994/12	(1)
June 1997	-4.0	3.0	Rapport BIPM-1997/05	(1)
November 1997	-2.0	2.0	Rapport BIPM-1998/01	(1)
March 1998	4.0	2.0	Rapport BIPM-1998/07	(1)
June 2002	-6.0	4.0	<a href="#">BIPM Report-2003/04</a>	(2)
May 2003	-10.1	3.0	<a href="#">BIPM Report-2004/05</a>	(2)
July 2004	-16.8	3.0	<a href="#">BIPM Report-2008/01</a>	(2)

The uncertainties given in this table are conservative. They are mainly driven by the uncertainty due to the ‘round-trip’ reproducibility at the OP.

### References

[1] Lewandowski, Weiss

### Notes

- (1) TTR-5A receiver (s/n: 276) at NPL
- (2) TFS receiver (s/n: TFS10I ) at NPL