

NATIONAL PHYSICAL LABORATORY  
Time and Frequency Services  
Time, Quantum & Electromagnetics Division  
Teddington, Middx, United Kingdom TW11 0LW

Web site: [www.npl.co.uk/time](http://www.npl.co.uk/time)

---

N P L      M S F      B u l l e t i n

---

No.2010-11      November 2010

MJD	Date	UTC (NPL) -MSF (60 kHz) 12h UTC (microseconds)
55501	2010-11-01	-2.5
55502	2010-11-02	-2.4
55503	2010-11-03	-2.1
55504	2010-11-04	-2.2 (a) (1)
55505	2010-11-05	-2.0
55506	2010-11-06	-1.6
55507	2010-11-07	-3.2
55508	2010-11-08	-2.9
55509	2010-11-09	-3.1
55510	2010-11-10	-2.6
55511	2010-11-11	-3.5
55512	2010-11-12	-2.8
55513	2010-11-13	-2.5
55514	2010-11-14	-2.5
55515	2010-11-15	-3.4
55516	2010-11-16	-3.5
55517	2010-11-17	-3.5
55518	2010-11-18	-3.7
55519	2010-11-19	-3.3
55520	2010-11-20	-2.6
55521	2010-11-21	-3.7
55522	2010-11-22	-3.7
55523	2010-11-23	-2.0
55524	2010-11-24	-3.7
55525	2010-11-25	-4.1
55526	2010-11-26	-4.1
55527	2010-11-27	-4.5
55528	2010-11-28	-3.0
55529	2010-11-29	-3.8
55530	2010-11-30	-3.4

(a) at least one interruption in received carrier since the previous reading  
(b) at least one discontinuity in received phase since the previous reading  
#.# reading not available

(1) Signal off-air between 10:09 UTC and 10:14 UTC on 2010-11-04.