

WHOI OBSIP, Clock Drift Corrections  
 OC1206A 2012, Active and Passive Deployment Experiment

Deployment 1

Station	Instrument	Start UTC		Start OBS Clock Time		End UTC		End OBS Clock Time		Drift (s)	Drift Rate
S43	D03	2012-06-10	12:02:00.000000	2012-06-10	12:01:59.999976	2012-06-22	15:16:13.004732	2012-06-22	15:16:13.000003	-0.004705	-4.487291E-09
S36	D06	2012-06-10	03:48:00.000000	2012-06-10	03:48:00.001106	2012-06-22	01:32:43.977001	2012-06-22	01:32:44.000000	0.021893	2.128256E-08
S14	D15	2012-06-08	21:45:30.000000	2012-06-08	21:45:29.999975	2012-06-24	18:05:31.005318	2012-06-24	18:05:31.000000	-0.005293	-3.865680E-09
S16	D16	2012-06-08	23:55:25.000000	2012-06-08	23:55:25.001075	2012-06-24	14:34:43.969651	2012-06-24	14:34:43.999998	0.029272	2.170297E-08
S42	D21	2012-06-10	11:03:41.999998	2012-06-10	11:03:42.001087	2012-06-22	13:39:38.980928	2012-06-22	13:39:38.999998	0.017981	1.718795E-08
S44	D34	2012-06-10	12:56:50.000001	2012-06-10	12:56:50.001068	2012-06-22	17:08:01.974653	2012-06-22	17:08:01.999996	0.024276	2.307864E-08
S24	D40	2012-06-09	08:30:14.000000	2012-06-09	08:30:14.001103	2012-06-23	22:52:32.985064	2012-06-23	22:52:32.999996	0.013829	1.096374E-08
S37	D44	2012-06-10	05:34:35.000000	2012-06-10	05:34:34.999976	2012-06-22	03:52:32.992143	2012-06-22	03:52:32.999998	0.007879	7.644732E-09
S23	D49	2012-06-10	04:47:28.000000	2012-06-10	04:47:27.999978	2012-06-24	00:35:14.978739	2012-06-24	00:35:14.999998	0.021281	1.781632E-08
S25	D50	2012-06-09	09:10:16.000000	2012-06-09	09:10:16.001175	2012-06-23	21:12:43.999565	2012-06-23	21:12:44.000000	-0.000740	-5.904577E-10
S15	D51	2012-06-08	06:46:41.999931	2012-06-08	06:46:41.999920	2012-06-24	16:12:31.984364	2012-06-24	16:12:32.000000	0.015647	1.104753E-08
S35	D55	2012-06-10	02:29:34.000000	2012-06-10	02:29:34.001098	2012-06-21	23:50:13.034765	2012-06-21	23:50:13.000000	-0.035863	-3.491195E-08

Deployment 2

Station	Instrument	Start UTC		Start OBS Clock Time		End UTC		End OBS Clock Time		Drift (s)	Drift Rate
S82	D03	2012-06-27	00:04:36.000001	2012-06-27	00:04:35.999978	2012-07-07	00:10:07.004778	2012-07-07	00:10:07.000003	-0.004752	-5.497802E-09
S70	D06	2012-06-26	10:12:29.000000	2012-06-26	10:12:29.001100	2012-07-08	04:28:49.977568	2012-07-08	04:28:50.000000	0.021332	2.099235E-08
S06	D09*	2012-06-08	12:59:56.999998	2012-06-08	12:59:56.999976	2012-07-10	18:20:43.914429	2012-07-10	18:20:44.000001	0.085594	3.074452E-08
S57	D15	2012-06-25	20:54:14.000000	2012-06-25	20:54:13.999976	2012-07-09	11:32:43.003920	2012-07-09	11:32:43.000000	-0.003896	-3.313180E-09
S60	D16	2012-06-26	00:56:25.999998	2012-06-26	00:56:26.001060	2012-07-09	03:03:12.971940	2012-07-09	03:03:12.999998	0.026996	2.387334E-08
S68	D21	2012-06-26	08:28:50.000000	2012-06-26	08:28:50.001081	2012-07-08	09:32:30.978275	2012-07-08	09:32:30.999998	0.020642	1.983627E-08
S58	D34	2012-06-25	21:52:05.999998	2012-06-25	21:52:06.001071	2012-07-09	08:14:42.969067	2012-07-09	08:14:42.999998	0.029858	2.572740E-08
S05	D35*	2012-06-08	12:04:04.000000	2012-06-08	12:04:04.001085	2012-07-10	16:44:42.927815	2012-07-10	16:44:43.000000	0.071100	2.556047E-08
S04	D39*	2012-06-08	10:47:03.000000	2012-06-08	10:47:02.999978	2012-07-10	14:41:12.783771	2012-07-10	14:41:12.999996	0.216247	7.781883E-08
S83	D40	2012-06-27	00:55:54.000000	2012-06-27	00:55:54.001107	2012-07-06	21:34:12.987593	2012-07-06	21:34:12.999996	0.011296	1.325983E-08
S69	D44	2012-06-26	09:15:37.000000	2012-06-26	09:15:36.999976	2012-07-08	06:55:12.992420	2012-07-08	06:55:12.999998	0.007602	7.392447E-09
S80	D49	2012-06-26	18:50:47.999998	2012-06-26	18:50:47.999975	2012-07-07	08:33:12.983406	2012-07-07	08:33:12.999998	0.016615	1.819154E-08
S67	D50	2012-06-26	07:09:04.000001	2012-06-26	07:09:04.001179	2012-07-08	12:08:42.002828	2012-07-08	12:08:42.000000	-0.004006	-3.797869E-09
S59	D51	2012-06-26	00:01:37.000000	2012-06-26	00:01:36.999978	2012-07-09	05:34:42.988007	2012-07-09	05:34:43.000000	0.012015	1.050998E-08
S81	D55	2012-06-26	22:40:19.000001	2012-06-26	22:40:19.001093	2012-07-07	02:35:31.030384	2012-07-07	02:35:31.000000	-0.031476	-3.584511E-08
S26	D62**	2012-06-09	09:57:00.000000	2012-06-09	09:57:00.001101	2012-07-23	19:40:01.922167	2012-07-23	19:40:02.000000	0.076732	2.000007E-08

\* These instruments were deployment during Deployment 1, and recovered during Deployment 2

\*\* This instrument was deployed during Deployment 1, but could not be recovered during this experiment. It was subsequently recovered a few weeks later. After its recovery, it was not possible to establish the ending clock offset between UTC and OBS clocks. The offset shown is estimated based on the known, historical drift rate of this OBS.