

Leg 4 CTD/LADCP stations

R/V L'ATALANTE cruise leg 4 CTD-stations

SHIP	Station	3.1.1.1	eDATE	UTC	POSITION					Uncorr.	MAX	NO. OF	
EXPCODE	No.	No.	Mmddy	TIME	CODE	LATITUDE	LONGITUDE			DEPTH	PRESS	BOTTLES	PAR.
08AT004	001	1	022308	1333	BE	16 45.15 N	25 06.19 W		1644			16	2, 3, 4
08AT004	001	1	022308	1401	BO	16 45.48 N	25 06.75 W		1644	1066		16	
08AT004	001	1	022308	1433	EN	16 45.71 N	25 06.75 W		1644			16	
08AT004	002	2	022508	0953	BE	10 00.10 N	22 59.92 W		5037			16	2, 3, 4
08AT004	002	2	022508	1029	BO	10 00.18 N	22 59.98 W		5039	1307		16	
08AT004	002	2	022508	1143	EN	10 10.38 N	22 59.88 W		5015			16	
08AT004	003	3	022508	0010	BE	07 59.98 N	22 59.97 W		4419			16	2, 3, 4
08AT004	003	3	022608	0210	BO	08 00.24 N	22 59.87 W		4428	4470		16	
			0										
08AT004	003	3	022608	0325	EN	08 00.33 N	22 59.78 W		4429			16	
08AT004	004	4	022708	0428	BE	05 01.87 N	22 59.98 W		4219			15	2, 3, 4
08AT004	004	4	022708	0501	BO	05 01.88 N	22 59.95 W		4220	1301		15	
08AT004	004	4	022708	0604	EN	05 01.83 N	23 00.65 W		4221			15	
08AT004	005	5	022808	1226	BE	02 02.50 N	23 01.99 W		4374			16	1, 2, 3, 4
08AT004	005	5	022808	1408	BO	02 02.48 N	23 01.99 W		4375	4419		16	
08AT004	005	5	022808	1606	EN	02 02.49 N	23 02.01 W		4378			16	
08AT004	006	6	022908	0401	BE	00 46.05 N	22 59.59 W		4327			16	1, 2, 3, 4
08AT004	006	6	022908	0432	BO	00 46.04 N	22 59.62 W		4327	1316		16	
08AT004	006	6	022908	0501	EN	00 46.04 N	22 59.62 W		4325			16	
08AT004	007	7	030108	0008	BE	00 01.96 N	22 58.39 W		3847			16	1, 2, 3, 4
08AT004	007	7	030108	0123	BO	00 02.19 N	22 58.22 W		3826	3867		16	
08AT004	007	7	030108	0235	EN	00 02.30 N	22 58.03 W		3820			16	
08AT004	008	8	030208	1209	BE	00 00.13 N	21 26.71 W		4961			16	1, 2, 3, 4
08AT004	008	8	030208	1240	BO	00 00.33 N	21 26.53 W		4959	1305		16	
08AT004	008	8	030208	1317	EN	00 00.56 N	21 26.18 W		4958			16	
08AT004	009	9	030308	0337	BE	02 02.65 S	23 04.93 W		5053			16	1, 2, 3, 4
08AT004	009	9	030308	0532	BO	02 02.93 S	23 04.83 W		5069	5112		16	
08AT004	009	9	030308	0706	EN	02 02.75 S	23 04.06 W		5098			16	
08AT004	010	10	030308	1753	BE	01 40.02 S	23 00.09 W		4934			16	1, 2, 3, 4
08AT004	010	10	030308	1843	BO	01 39.83 S	22 59.92 W		4923	1304		16	
08AT004	010	10	030308	1938	EN	01 39.47 S	22 59.41 W		4989			16	
08AT004	011	11	030308	2154	BE	01 20.01 S	22 59.95 W		4860			16	1, 2, 3, 4
08AT004	011	11	030308	2222	BO	01 19.92 S	22 59.88 W		4854	1316		16	
08AT004	011	11	030308	2252	EN	01 19.73 S	22 59.63 W		4826			16	
08AT004	012	12	030408	0203	BE	00 59.98 S	23 00.03 W		4122			16	1, 2, 3, 4
08AT004	012	12	030408	0232	BO	00 00.01 S	22 59.99 W		4118	1318		16	
08AT004	012	12	030408	0304	EN	01 00.04 S	22 59.87 W		4129			16	
08AT004	013	13	030408	1132	BE	00 45.82 S	22 57.33 W					16	1, 2, 3, 4
08AT004	013	13	030408	1200	BO	00 45.64 S	22 57.13 W			1307		16	

08AT004	013	13	030408	1227	EN	00	45.44	S	22	56.95	W		16	
08AT004	014	14	030408	2114	BE	00	30.08	S	23	00.13	W	4625	16	1, 2, 3, 4
08AT004	014	14	030408	2144	BO	00	30.02	S	22	59.98	W	4627	1314	16
08AT004	014	14	030408	2213	EN	00	30.07	S	22	59.69	W	4630	16	
08AT004	015	15	030508	0105	BE	00	15.01	S	23	00.01	W	4162	16	1, 2, 3, 4
08AT004	015	15	030508	0143	BO	00	14.97	S	22	59.84	W	4123	1315	16
08AT004	015	15	030508	0216	EN	00	15.03	S	22	59.59	W	4107	16	
08AT004	016	16	030508	0833	BE	00	01.44	S	23	06.54	W	3943	16	1, 2, 3, 4
08AT004	016	16	030508	0948	BO	00	01.04	S	23	06.03	W	3942	3988	16
08AT004	016	16	030508	1105	EN	00	00.41	S	23	05.59	W		16	
SHIP	Station	3.1.1.2	eDATE	UTC	POSITION			Uncorr.	MAX	NO. OF				
EXPCODE	No.	No.	Mmddy	TIME	CODE	LATITUDE	LONGITUDE	DEPTH	PRESS	BOTTLES	PAR.			
08AT004	017	17	030508	1935	BE	00	14.98	N	23	00.10	W		16	1, 2, 3, 4
08AT004	017	17	030508	2006	BO	00	15.20	N	22	59.78	W	1315	16	
08AT004	017	17	030508	2035	EN	00	15.39	N	22	59.43	W		16	
08AT004	018	18	030508	2304	BE	00	30.07	N	22	59.95	W		16	1, 2, 3, 4
08AT004	018	18	030508	2335	BO	00	30.41	N	22	59.63	W	1314	16	
08AT004	018	18	030608	0001	EN	00	30.59	N	22	59.46	W		16	
08AT004	019	19	030608	0250	BE	00	45.03	N	23	01.51	W		16	1, 2, 3, 4
08AT004	019	19	030608	0319	BO	00	45.09	N	23	01.39	W	1304	16	
08AT004	019	19	030608	0349	EN	00	45.10	N	23	01.19	W		16	
08AT004	020	20	030608	1604	BE	00	59.98	N	23	00.03	W	3229	16	1, 2, 3, 4
08AT004	020	20	030608	1632	BO	01	00.04	N	22	59.98	W	3228	1302	16
08AT004	020	20	030608	1738	EN	01	00.07	N	22	59.76	W		16	
08AT004	021	21	030708	0159	BE	01	20.01	N	22	59.98	W	4721	16	1, 2, 3, 4
08AT004	021	21	030708	0229	BO	01	19.96	N	22	59.84	W	4722	1302	16
08AT004	021	21	030708	0256	EN	01	19.94	N	22	59.77	W	4726	16	
08AT004	022	22	030708	0603	BE	01	39.99	N	23	00.07	W	4130	16	3, 4, 7, 8
08AT004	022	22	030708	0634	BO	01	40.0	N	23	00.07	W	4128	1302	16
08AT004	022	22	030708	0700	EN	01	40.07	N	23	00.01	W	4129	16	
08AT004	023	23	030708	1018	BE	02	02.05	N	23	01.05	W	4356	16	1, 2, 3, 4
08AT004	023	23	030708	1046	BO	02	02.16	N	23	00.85	W	4357	1311	16
08AT004	023	23	030708	1111	EN	02	02.22	N	23	00.65	W	4362	16	
08AT004	024	24	030708	1413	BE	02	20.02	N	22	59.98	W	4283	16	1, 2, 4
08AT004	024	24	030708	1444	BO	02	20.04	N	23	00.06	W	4271	1302	16
08AT004	024	24	030708	1553	EN	02	20.13	N	23	00.08	W	4257	16	
08AT004	025	25	030708	1801	BE	02	39.94	N	22	59.88	W	4728	16	1, 2, 3, 4
08AT004	025	25	030708	1832	BO	02	40.02	N	22	59.85	W	4696	1305	16
08AT004	025	25	030708	1932	EN	02	40.12	N	22	59.88	W	4696	16	
08AT004	026	26	030708	2245	BE	02	59.62	N	22	59.95	W	4647	16	2, 4
08AT004	026	26	030708	2312	BO	02	59.73	N	23	00.06	W	4650	1315	16
08AT004	026	26	030708	2338	EN	02	59.84	N	23	00.22	W	4654	16	
08AT004	027	27	030808	0157	BE	03	19.98	N	23	00.00	W	4161	16	2, 3, 4
08AT004	027	27	030808	0226	BO	03	20.00	N	23	00.00	W	4160	1306	16

08AT004	027	27	030808	0250	EN	03	20.01	N	22	59.98	W	4161	16	
08AT004	028	28	030808	0603	BE	03	39.97	N	22	59.98	W	4434	16	2, 4
08AT004	028	28	030808	0635	BO	03	40.06	N	23	00.13	W	4428	16	
08AT004	028	28	030808	0711	EN	03	40.15	N	23	00.33	W	4421	16	
08AT004	029	29	030808	1030	BE	03	59.95	N	22	59.97	W	4221	16	2, 3, 4
08AT004	029	29	030808	1059	BO	04	00.14	N	23	00.06	W	4219	16	
08AT004	029	29	030808	1157	EN	04	00.63	N	23	00.13	W	4219	16	
08AT004	030	30	030808	1458	BE	04	19.94	N	22	59.98	W	4250	16	2, 4
08AT004	030	30	030808	1528	BO	04	19.96	N	23	00.00	W	4249	16	
08AT004	030	30	030808	1634	EN	04	20.17	N	23	00.02	W	4262	16	
08AT004	031	31	030808	1851	BE	04	39.94	N	23	00.04	W	4220	16	2, 3, 4
08AT004	031	31	030808	1920	BO	04	39.88	N	23	00.03	W		16	
08AT004	031	31	030808	1948	EN	04	40.02	N	23	00.22	W	4222	16	
08AT004	032	32	030808	2209	BE	05	01.12	N	22	59.44	W	4213	16	2, 4
08AT004	032	32	030808	2235	BO	05	01.26	N	22	59.44	W	4213	16	
08AT004	032	32	030808	2301	EN	05	01.49	N	22	59.40	W	4211	16	
08AT004	033	33	030908	0259	BE	05	29.97	N	22	59.98	W	4235	16	2, 3, 4
08AT004	033	33	030908	0330	BO	05	30.07	N	23	00.01	W	4231	16	
08AT004	033	33	030908	0356	EN	05	30.12	N	22	59.95	W	4236	16	
08AT004	034	34	030908	0705	BE	05	59.98	N	23	00.04	W	4095	16	2, 4
08AT004	034	34	030908	0733	BO	06	00.11	N	23	00.24	W	4094	16	
SHIP	Station	3.1.1.3	eDATE	UTC	POSITION					Uncorr.	MAX	NO. OF		
EXPOCODE	No.	No.	Mmddy	TIME	CODE	LATITUDE	LONGITUDE	DEPTH	PRESS	BOTTLES	PAR.			
08AT004	034	34	030908	0759	EN	06	00.15	N	23	00.38	W	4091	16	
08AT004	035	35	030908	1149	BE	06	29.98	N	22	59.95	W	3135	16	2, 3, 4
08AT004	035	35	030908	1216	BO	06	3026	N	23	00.03	W	3229	16	
08AT004	035	35	030908	1317	EN	06	30.06	N	23	00.13	W	3107	16	
08AT004	036	36	030908	1640	BE	06	59.95	N	23	00.00	W	1497	16	2, 4,
08AT004	036	36	030908	1707	BO	06	59.97	N	23	00.00	W	1475	16	
08AT004	036	36	030908	1736	EN	07	00.08	N	23	00.04	W	1454	16	
08AT004	037	37	030908	2144	BE	07	29.88	N	22	59.95	W	4392	16	2, 3, 4
08AT004	037	37	030908	2213	BO	07	30.07	N	22	59.95	W	4392	16	
08AT004	037	37	030908	2239	EN	07	30.20	N	23	00.05	W	4392	16	
08AT004	038	38	031008	0305	BE	08	02.14	N	22	59.99	W	4493	16	2, 4
08AT004	038	38	031008	0334	BO	08	02.11	N	22	59.00	W	4488	16	
08AT004	038	38	031008	0400	EN	08	02.16	N	22	59.07	W	4490	16	
08AT004	039	39	031008	0758	BE	08	29.98	N	23	00.03	W	4783	16	2, 3, 4
08AT004	039	39	031008	0829	BO	08	30.02	N	23	00.01	W	4783	16	
08AT004	039	39	031008	0854	EN	08	30.12	N	23	00.01	W	4783	16	
08AT004	040	40	031008	1319	BE	09	00.00	N	23	00.01	W	4893	16	2, 4
08AT004	040	40	031008	1349	BO	09	00.00	N	22	59.98	W	4897	16	
08AT004	040	40	031008	1455	EN	08	59.98	N	22	59.99	W	4892	16	
08AT004	041	41	031008	1934	BE	09	29.95	N	22	59.98	W	4637	16	2, 3, 4
08AT004	041	41	031008	2000	BO	09	30.04	N	22	59.93	W	4637	16	

08AT004	041	41	031008	2027	EN	09	30.06	N	23	00.01	W	4630	16	
08AT004	042	42	031108	0002	BE	09	59.92	N	22	59.98	W	5045	16	2, 4
08AT004	042	42	031108	0031	BO	10	00.10	N	22	59.92	W	5032	16	
08AT004	042	42	031108	0059	EN	10	00.26	N	22	59.92	W	5009	16	
08AT004	043	43	031108	0434	BE	10	30.00	N	23	0006..	W	5191	16	2, 3, 4
08AT004	043	43	031108	0505	BO	10	30.05	N	23	00.04	W	5186	16	
08AT004	043	43	031108	0530	EN	10	30.12	N	22	59.97	W	5184	16	
08AT004	044	44	031108	0908	BE	11	00.01	N	23	00.00	W	5151	16	2, 4
08AT004	044	44	031108	0937	BO	11	00.38	N	23	00.05	W	5149	16	
08AT004	044	44	031108	1003	EN	11	00.66	N	23	00.15	W	5147	16	
08AT004	045	45	031108	1357	BE	11	29.98	N	23	00.01	W	5112	16	2, 3, 4
08AT004	045	45	031108	1426	BO	11	30.14	N	23	00.00	W	5112	16	
08AT004	045	45	031108	1451	EN	11	30.26	N	23	00.04	W	5112	16	
08AT004	046	46	031108	1828	BE	11	59.98	N	22	59.98	W	5044	16	2, 4
08AT004	046	46	031108	1858	BO	12	00.10	N	22	59.89	W	5044	16	
08AT004	046	46	031108	1922	EN	12	00.20	N	22	59.80	W	5045	16	
08AT004	047	47	031108	2303	BE	12	29.91	N	22	59.95	W	4921	16	2, 3, 4
08AT004	047	47	031108	2331	BO	12	30.13	N	22	59.89	W	4919	16	
08AT004	047	47	031108	2358	EN	12	30.43	N	22	59.79	W	4916	16	
08AT004	048	48	031208	0328	BE	12	59.94	N	23	00.03	W	4740	16	2, 4
08AT004	048	48	031208	0357	BO	13	00.08	N	22	59.92	W	4741	16	
08AT004	048	48	031208	0422	EN	13	00.19	N	22	59.81	W	4739	16	
08AT004	049	49	031208	0748	BE	13	29.89	N	23	00.06	W	4540	16	2, 3, 4
08AT004	049	49	031208	0821	BO	13	30.12	N	22	59.88	W	4536	16	
08AT004	049	49	031208	0848	EN	13	30.24	N	22	59.81	W	4538	16	
08AT004	050	50	031208	1236	BE	14	00.31	N	22	59.98	W	4317	16	2, 4
08AT004	050	50	031208	1304	BO	14	00.55	N	23	00.05	W	4317	16	
08AT004	050	50	031208	1330	EN	14	00.78	N	23	00.08	W	4314	16	
08AT004	051	51	031308	2240	BE	17	35.43	N	24	15.12	W	3595	21	
08AT004	051	51	031308	2347	BO	17	35.04	N	24	15.48	W	3598	21	2, 3
08AT004	051	51	031408	0055	EN	17	36.45	N	24	15.82	W	3606	21	

Code: BE = begin, BO = bottom, EN = end
Parameters (Par.):, 1=He, 2=Oxy, 3=Nuts, 4=Sal,

MOORINGS, BOTTOM MOUNTED GEAR AND DRIFTING SYSTEMS

This section should be used for reporting moorings, bottom mounted gear and drifting systems (both surface and deep) deployed and/or recovered during the cruise. Separate entries should be made for each location (only deployment positions need be given for drifting systems). This section may also be used to report data collected at fixed locations which are returned to routinely in order to construct 'long time series'.

APPROXIMATE POSITION						DATA TYPE	DESCRIPTION
LATITUDE			LONGITUDE				
deg	min	N/S	deg	min	E/W	enter code(s) from list on cover page.	Identify, as appropriate, the nature of the instrumentation the parameters (to be) measured, the number of instruments and their depths, whether deployed and/or recovered, dates of deployments and/or recovery, and any identifiers given to the site.

85	01.00	N	22	00.59	W	D01	deployed CTD/O2 profiler mooring recovered sound source mooring
5		N	23	00.00	W	D01	recovered CTD/O2 profiler mooring
5	00.90	N		00.05	W	D01	deployed CTD/O2 profiler mooring
0	44.95	S	22	59.71	W	D01	recovered current meter mooring
0	00.00	N	23	06.80	W	D01	recovered current meter mooring
0	45.00	N	22	59.50	W	D01	recovered current meter mooring
0	01.05	N	21	29.90	W	D01	recovered current meter mooring
2	02.50	N	23	02.00	W	D01	deployed current meter mooring
0	45.17	N	22	59.28	W	D01	deployed current meter mooring
0	00.22	N	23	06.76	W	D01	deployed current meter mooring
0	44.94	S	22	59.70	W	D01	deployed current meter mooring
1	56.40	S	22	57.00	W	D01	deployed current meter mooring
17	35.39	N	24	15.12	W	D01	deployed current meter and biogeochemical mooring
10	00.00	N	23	00.00	W	D06	recovered glider
0	00.00	N	23	00.00	W	D06	deployed glider