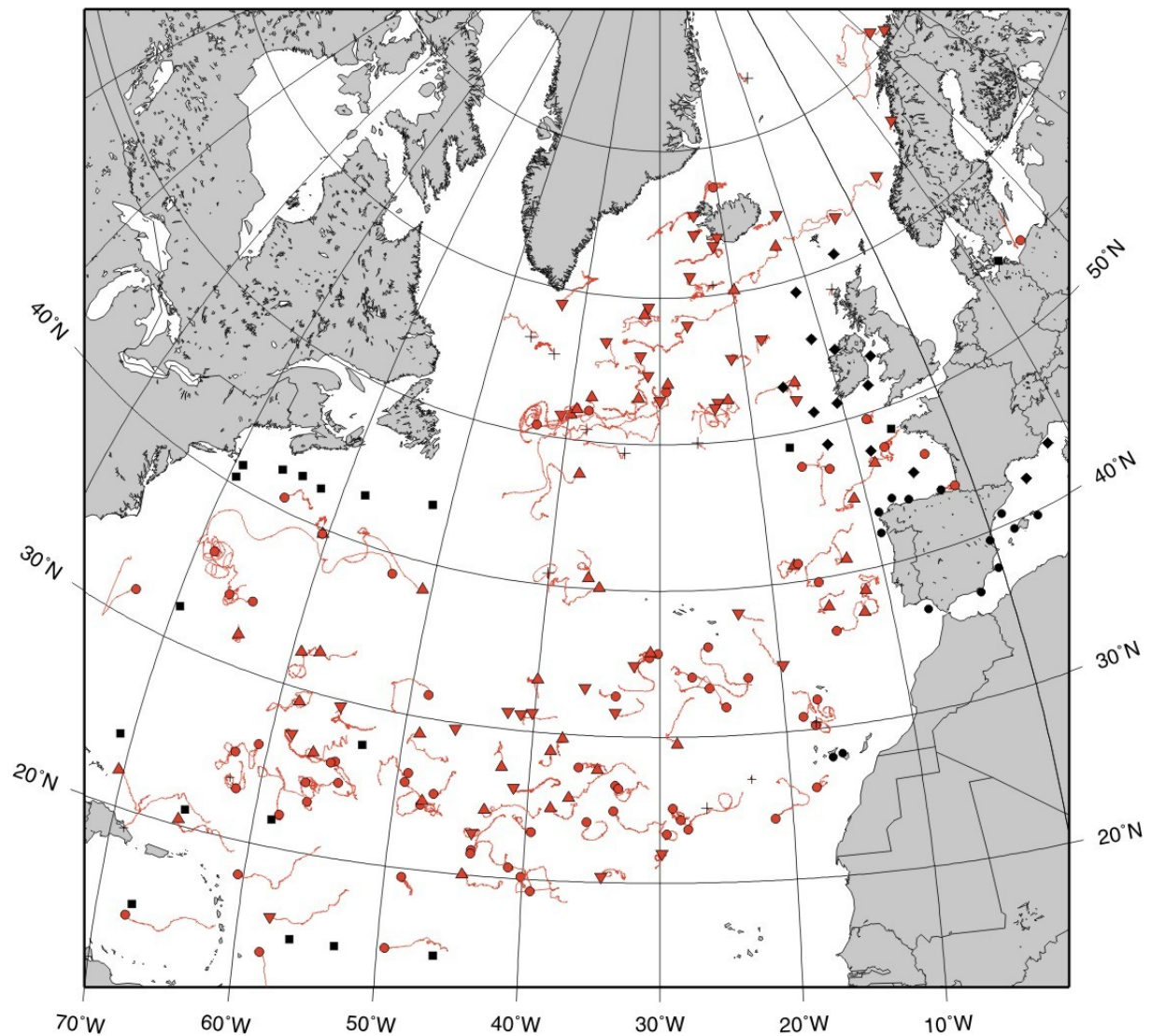
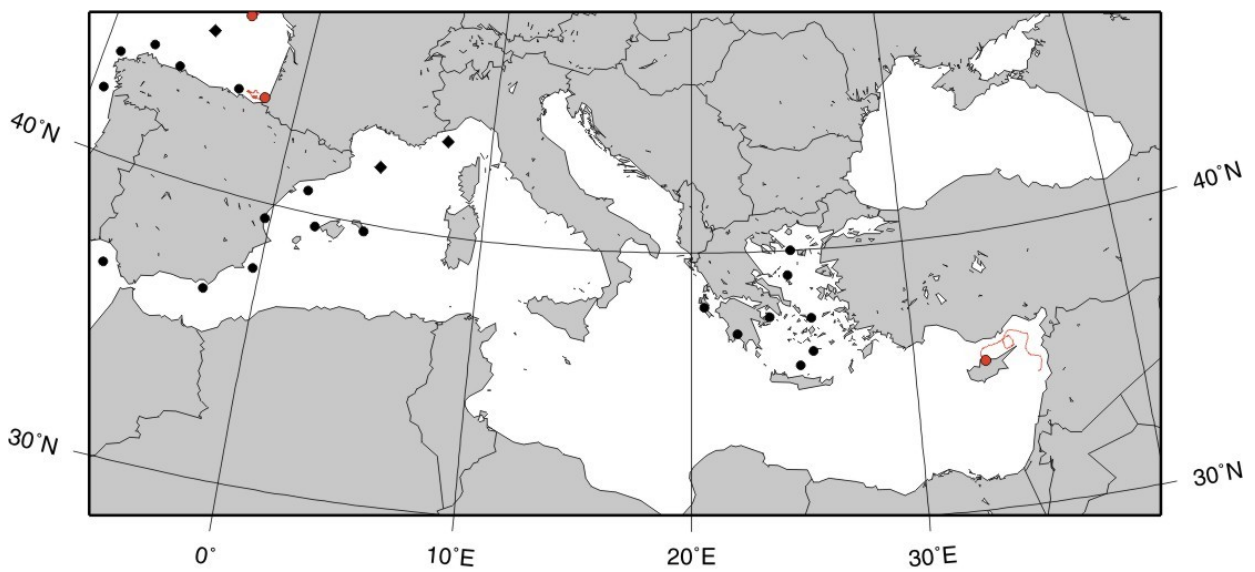


## DATA BUOY MONTHLY REPORT

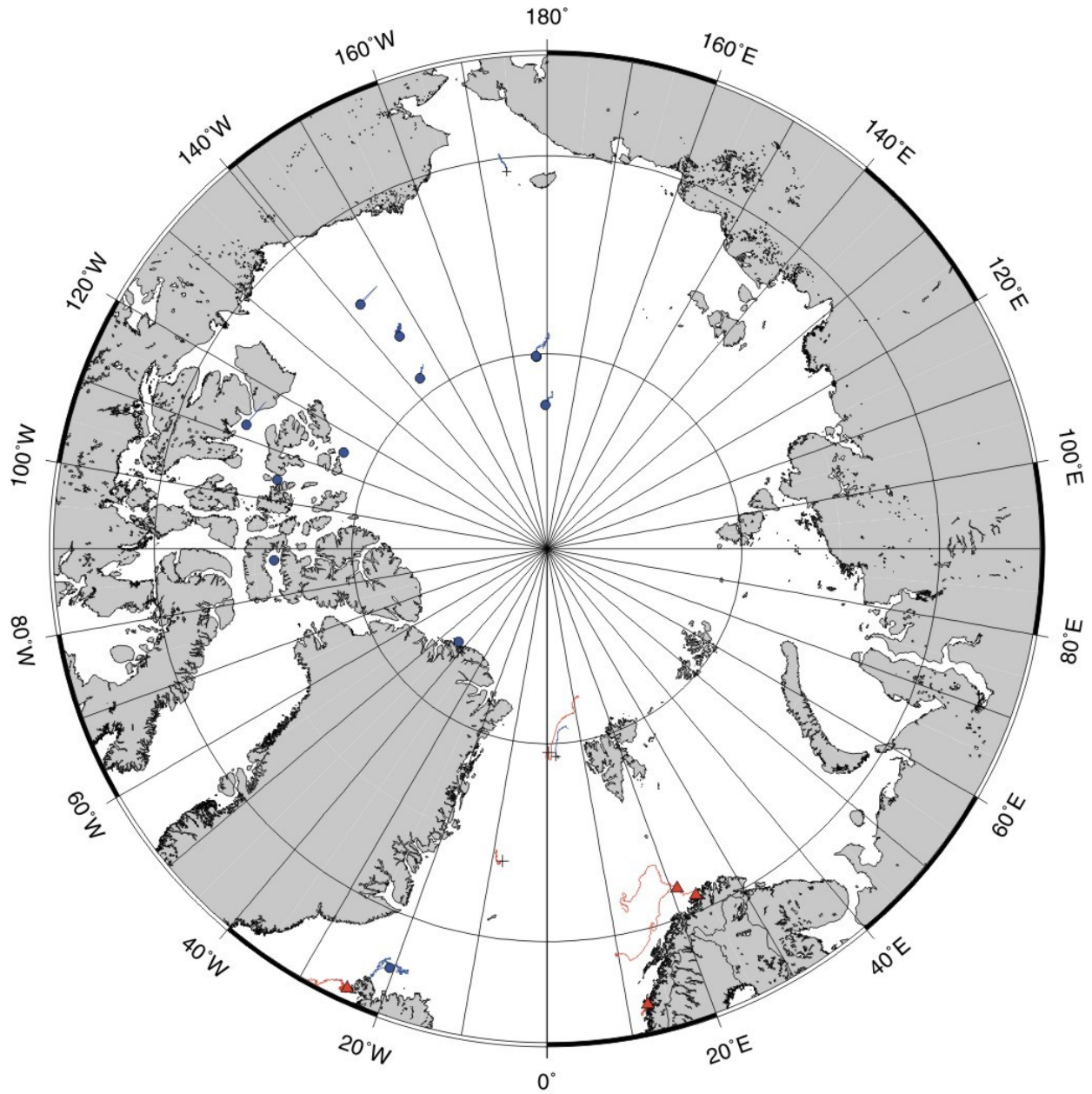
March 2011



March 2011 - Operating data buoys in the North Atlantic  
Drifting buoy trajectories and moored buoy positions



March 2011 - Operating data buoys in the Mediterranean Sea  
Drifting buoy trajectories and moored buoy positions



March 2011 - Drifting buoy trajectories in Arctic Ocean  
and adjacent seas

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**DRIFTING BUOYS**  
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**Network status**

By the end of March, **79 drifting buoys**, reporting air pressure or wind at least, onto the GTS, were in operation in the EUCOS area in the frame of E-SURFMAR. Out of these:

1. one was the last Argos SVP-B;
2. 39 were Iridium SVP-Bs.

The remaining buoys were 38 buoys owned by NOAA and upgraded with barometers by E-SURFMAR, and one drifter provided by Environment Canada.

By the end of March, 2 SVP-B drifters funded by EUMETNET and deployed in the north of the Arctic circle remained in operation.

Information about the availability of buoys for future deployments may be get from the E-SURFMAR wikisite (working area) at: [http://esurfmar.meteo.fr/wikisurf-wa/index.php/Availability\\_of\\_drifting\\_buoys](http://esurfmar.meteo.fr/wikisurf-wa/index.php/Availability_of_drifting_buoys)

The GTS data transmission of Iridium buoys did not suffered from any interruptions in March.

**Drifting buoys - New deployments**

WMO	Telcom	Typ	Ow	Dep_Date	DepLat	DepLon	From	Comment
1300974	10829620	MSB	EU	20110328	34.3	-32.0	Le Havre	Fortuna
4100638	10827640	MSB	EU	20110329	31.2	-42.0	Le Havre	Fortuna
4100728	10822170	MSB	EU	20110330	29.8	-46.0	Le Havre	Fortuna
4400622	10826640	MSB	EU	20110328	33.0	-36.0	Le Havre	Fortuna
6200514	10828150	MSB	EU	20110326	40,0	-20.0	Le Havre	Fortuna
6200515	10828620	MSB	EU	20110326	37.2	-24.0	Le Havre	Fortuna

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**Supplementary drifting buoys (e.g. in Arctic) by the end of the month**

WMO	Telcom	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
6300631	13309270	MSB	EU	744	-	-	X	X	S	-	-	X	-	-	-	T	0103-3103	70.78	23.29	247
6300632	13202690	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	71.47	20.96	247

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**Operating drifting buoys in North Atlantic by the end of the month**

WMO	Telcom	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
1300972	13808440	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	20.41	-34.31	116
1300974	10829620	MSB	EU	83	-	-	X	X	X	-	-	X	-	-	-	T	2803-3103	34.88	-32.13	4
1300981	13615160	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	22.03	-29.86	117
4100557	83404	TSB	UP	734	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	14.71	-49.45	800
4100558	83394	TSB	UP	730	-	-	X	X	X	-	-	-	-	-	-	L	0103-3103	25.69	-36.92	800
4100561	39073	TSB	UP	730	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	27.44	-42.19	53
4100571	83391	TSB	UP	739	-	-	X	X	X	-	-	-	-	-	-	L	0103-3103	20.34	-65.34	800
4100573	37414	TSB	UP	733	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	27.68	-34.84	42
4100591	39101	TSB	UP	734	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	28.80	-38.50	42
4100596	12053610	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	29.60	-55.24	490
4100597	12058610	MSB	EU	742	-	-	X	X	-	-	-	X	-	-	-	T	0103-3103	27.15	-58.48	490
4100599	13016830	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	31.28	-40.20	61
4100601	13800460	MSB	EU	746	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	31.64	-33.57	61
4100633	13610160	MSB	EU	712	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	22.82	-44.00	116
4100634	13803460	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	15.75	-57.76	115
4100637	13801460	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	31.10	-41.08	61
4100638	10827640	MSB	EU	59	-	-	X	X	X	-	-	X	-	-	-	T	2903-3103	31.20	-42.14	3

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4100691	39068	TSB	UP	736	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	32.54	-57.82	106
4100715	83400	TSB	UP	732	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	21.44	-43.90	803
4100717	83402	TSB	UP	738	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	29.49	-28.65	802
4100719	83392	TSB	UP	738	-	-	X	X	X	-	-	-	-	-	-	L	0103-3103	24.46	-43.20	801
4100728	10822170	MSB	EU	35	-	-	X	X	X	-	-	X	-	-	-	T	3003-3103	29.60	-46.12	3
4100855	39121	TSB	UP	731	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	24.56	-47.89	43
4100912	39092	TSB	UP	348	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	31.89	-64.50	105
4100915	39095	TSB	UP	733	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	32.22	-59.30	105
4100935	39108	TSB	UP	732	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	29.70	-37.64	42
4100957	38569	TSB	UP	730	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	33.54	-40.03	103
4400549	12343680	MSB	EU	634	-	-	X	X	-	-	X	-	-	-	-	T	0503-3103	54.72	-31.40	471
4400551	13303270	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	56.84	-36.71	164
4400601	12050610	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	51.56	-40.88	163
4400622	10826640	MSB	EU	59	-	-	X	X	X	-	-	X	-	-	-	T	2903-3103	33.23	-36.11	4
4400625	13302280	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	63.98	5.42	307
4400665	50098	MSB	CA	1582	-	-	X	X	X	-	-	-	-	-	-	L	0103-3103	38.22	-50.79	148
4400722	12548840	MSB	EU	744	-	-	X	X	-	-	X	-	-	-	-	T	0103-3103	58.10	-26.50	165
4400725	13309200	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	59.36	-31.50	138
4400767	12297270	MSB	EU	740	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	52.78	-22.32	151
4400768	13200700	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	52.99	-37.73	150
4400831	83424	TSB	UP	736	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	53.12	-32.40	200
4400835	89827	TSB	UP	736	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	58.82	-32.06	199
4400848	83425	TSB	UP	730	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	53.26	-14.56	453
4400849	83397	TSB	UP	623	-	-	X	X	X	-	-	X	-	-	-	L	0503-3103	51.66	-39.80	751
4400876	89813	TSB	UP	725	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	41.09	-17.85	427
4400878	83398	TSB	UP	704	-	-	X	X	X	-	-	-	-	-	-	L	0103-3103	21.83	-69.98	749
4400879	83399	TSB	UP	733	-	-	X	X	-	-	-	-	-	-	-	L	0103-3103	38.04	-15.28	749
4400880	83428	TSB	UP	736	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	37.22	-12.31	455
4400882	83396	TSB	UP	737	-	-	X	X	X	-	-	-	-	-	-	L	0103-3103	20.02	-44.41	750
4400889	89830	TSB	UP	729	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	62.45	-12.79	508
4400896	89815	TSB	UP	731	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	46.70	-8.37	388
4400903	70822	TSB	UP	703	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	29.20	-58.46	1381
4400905	70818	TSB	UP	704	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	26.34	-56.58	1378
4400912	83422	TSB	UP	734	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	52.08	-39.19	200
4400917	89817	TSB	UP	732	-	-	X	X	-	-	X	-	-	-	-	L	0103-3103	47.75	-38.17	388
4400936	89804	TSB	UP	730	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	60.16	-19.84	453
4400937	89805	TSB	UP	734	-	-	X	X	-	-	X	-	-	-	-	L	0103-3103	44.77	-11.20	454
4400943	89807	TSB	UP	735	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	39.68	-60.51	455
6200513	76814	MSB	EU	708	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	38.64	-11.91	774
6200514	10828150	MSB	EU	84	-	-	X	X	X	-	-	X	-	-	-	T	2803-3103	39.91	-20.50	6
6200515	10828620	MSB	EU	83	-	-	X	X	X	-	-	X	-	-	-	T	2803-3103	36.97	-24.28	6
6200519	12342700	MSB	EU	742	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	58.99	-43.03	472
6200520	12650810	MSB	EU	742	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	26.12	-41.15	666
6200521	13011860	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	38.31	-23.16	62
6200522	13115260	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	34.54	-19.79	62
6200564	13301270	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	52.35	-23.83	151
6200565	13209690	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	52.07	-14.73	152
6200571	13205760	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	52.99	-30.00	138
6200572	13302390	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	56.56	-17.42	139
6200574	13300210	MSB	EU	742	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	56.01	-32.38	138
6200596	12548830	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	65.53	-24.44	166
6200721	37420	TSB	UP	731	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	40.08	-35.39	156
6200722	37773	TSB	UP	728	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	35.75	-30.77	156
6200904	89809	TSB	UP	732	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	40.95	-13.04	425
6200905	70820	TSB	UP	686	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	28.89	-48.81	1383
6200910	83426	TSB	UP	729	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	54.10	-29.05	452
6400607	12548820	MSB	EU	742	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	64.21	-24.72	323
6400608	12543300	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	61.40	-25.80	321
6400609	12347680	MSB	EU	744	-	-	X	X	-	-	X	-	-	-	-	T	0103-3103	63.87	-21.14	320
6400611	12341680	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	63.35	-21.95	166
6400620	12547840	MSB	EU	744	-	-	X	X	S	-	-	X	-	-	-	T	0103-3103	66.33	12.50	319
6400622	13800130	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	64.51	-11.35	50

### ----- Drifting buoys which ceased to be operational

WMO	Telcom	Typ	Ow	End_Date	Lat	Lon	Age	Cause
1300979	13409170	MSB	EU	20110324	30.4	-17.6	112	Failed (batteries quickly drained)
1300980	13112260	MSB	EU	20110323	25.1	-26.5	110	Failed (batteries quickly drained)
2500622	76825	MSB	EU	20110315	49.3	-33.7	895	Faded
2500624	96849	MSB	EU	20110317	79.5	0.3	568	Caught by ice
4400548	12540840	MSB	EU	20110315	50.8	-37.9	455	Faded
4400602	13205680	MSB	EU	20110328	52.7	-23.4	145	Failed (batteries quickly drained)
4400608	12541830	MSB	EU	20110311	55.5	-42.8	638	Faded

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4400612	13012860	MSB	EU	20110321	40.8	-40.1	164	Failed (batteries quickly drained)
4400754	50077	MSB	CA	20110330	40.7	-36.4	286	Failed
4400764	13307270	MSB	EU	20110324	56.7	-46.0	270	Failed
6200566	13304270	MSB	EU	20110305	50.1	-26.0	126	Failed
6200573	12295270	MSB	EU	20110305	58.5	-7.1	113	Failed
6200598	13809440	MSB	EU	20110329	55.6	-21.3	144	Failed (batteries quickly drained)
6300665	96844	MSB	EU	20110307	73.9	-8.1	222	Caught by ice
6400621	12489120	MSB	EU	20110329	62.9	-3.0	53	AP failed

### ----- Non-operating drifting buoys reporting GTS data

WMO	Telcom	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
4100718	83403	TSB	UP	1140	-	-	-	-	X	-	-	X	-	-	-	L	0103-3103	37.23	-64.45	801
4100907	39107	TSB	UP	730	-	-	-	-	X	-	-	X	-	-	-	L	0103-3103	33.41	-56.62	105
4400557	37411	TSB	UP	731	-	-	-	-	X	-	-	X	-	-	-	L	0103-3103	55.44	-10.67	215
4400562	83420	TSB	UP	731	-	-	-	-	X	-	-	X	-	-	-	L	0103-3103	53.70	-38.25	199
4400751	50076	MSB	CA	735	-	-	-	-	X	-	-	X	-	-	-	L	0103-3103	41.11	-36.86	313
4400845	83421	TSB	UP	732	-	-	-	-	X	-	-	X	-	-	-	L	0103-3103	54.15	-32.03	200
4400884	37413	TSB	UP	729	-	-	-	-	X	-	-	X	-	-	-	L	0103-3103	49.80	-22.13	184
4400887	89829	TSB	UP	733	-	-	-	-	X	-	-	X	-	-	-	L	0103-3103	61.37	2.77	509
4400913	83423	TSB	UP	737	-	-	-	-	X	-	-	X	-	-	-	L	0103-3103	54.25	-34.58	200
4400944	89808	TSB	UP	734	-	-	-	-	X	-	-	X	-	-	-	L	0103-3103	61.16	-26.80	453
6200926	83427	TSB	UP	733	-	-	-	-	X	-	-	X	-	-	-	L	0103-3103	57.43	-35.42	452
6400621	12489120	MSB	EU	744	-	-	S	S	X	-	-	X	-	-	-	T	0103-3103	62.93	-2.98	55

### ----- Non-operating drifting buoys which ceased to emit

WMO	Telcom	Typ	Ow	End_Date	Lat	Lon	Age	Cause
6200714	13206680	MSB	EU	20110305	39.7	-13.1	266	Failed
6300634	12293030	MSB	EU	20110305	71.8	3.2	219	Failed

### ----- Other operating drifting buoys into the EUCOS area of interest by the end of the month

WMO	Telcom	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
1300517	90449	AOML		479	-	-	X	X	X	-	-	X	-	-	-	L	1103-3103	33.28	-25.95
1300520	39676	AOML		483	-	-	X	X	X	-	-	X	-	-	-	L	1103-3103	35.41	-30.86
1300521	93012	AOML		448	-	-	X	-	X	-	-	X	-	-	-	L	0103-3103	20.14	-40.14
1300525	71093	AOML		480	-	-	X	X	X	-	-	X	-	-	-	L	1103-3103	35.70	-30.18
1300527	92959	AOML		641	-	-	X	-	X	-	-	X	-	-	-	L	0103-3103	24.19	-21.32
1300530	92963	AOML		643	-	-	X	-	X	-	-	X	-	-	-	L	0103-3103	30.92	-18.57
1300531	92964	AOML		613	-	-	X	-	X	-	-	X	-	-	-	L	0103-3103	31.95	-17.32
1300567	71024	AOML		728	-	-	X	X	X	-	-	-	-	-	-	L	0103-3103	21.68	-43.92
1300568	71025	AOML		732	-	-	X	X	X	-	-	-	-	-	-	L	0103-3103	19.20	-39.39
1300569	71026	AOML		732	-	-	X	X	X	-	-	-	-	-	-	L	0103-3103	24.89	-33.49
1300570	71028	AOML		482	-	-	X	X	X	-	-	X	-	-	-	L	1103-3103	33.86	-22.71
1300596	93007	AOML		566	-	-	X	-	X	-	-	X	-	-	-	L	0103-3103	26.63	-33.41
1300600	43869	AOML		712	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	36.09	-25.94
1300602	93008	AOML		537	-	-	X	-	X	-	-	X	-	-	-	L	0103-3103	26.45	-33.17
1300635	44115	AOML		594	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	26.07	-18.05
1300898	92547	LOCE		1740	-	-	X	-	S	-	-	X	-	-	S	T	0103-3103	9.31	-27.66
1300899	92543	LOCE		3143	-	-	X	-	X	-	-	X	-	-	X	T	0103-3103	3.56	-42.49
1300905	44103	AOML		625	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	30.24	-17.67
1300912				731	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	25.10	-29.02
1300917	39656	AOML		730	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	24.31	-28.43
1300967	39674	AOML		716	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	23.66	-27.87
1300970	39217	AOML		731	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	23.36	-29.48
2500595	94729	NESD		737	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	67.28	-20.59
3100717	13309380	CMM		744	-	-	X	X	X	-	-	X	-	-	X	T	0103-3103	13.54	-58.18
4100552	39681	AOML		379	-	-	X	X	X	-	-	X	-	-	-	L	1603-3103	32.76	-33.57
4100555	92960	AOML		649	-	-	X	-	X	-	-	X	-	-	-	L	0103-3103	31.51	-48.60
4100565	90228	AOML		729	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	24.93	-38.26
4100568	39238	AOML		574	-	-	X	X	X	-	-	X	-	-	-	L	0703-3103	14.34	-67.86
4100569	29240	AOML		734	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	20.72	-41.09
4100572	39640	AOML		735	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	24.29	-47.99

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4100575	39668	AOML	731	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	26.25	-49.23
4100590	102553	AOML	702	-	-	X	X	S	-	-	X	-	-	-	L	0103-3103	38.71	-53.66
4100593	39236	AOML	730	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	26.08	-54.82
4100594			725	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	33.94	-66.19
4100595	44176	AOML	734	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	40.79	-64.75
4100603	90229	AOML	732	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	24.11	-35.48
4100608	40294	AOML	734	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	35.85	-68.59
4100613	102557	AOML	734	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	34.09	-64.21
4100622	39232	AOML	716	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	23.24	-56.35
4100623	39658	AOML	715	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	23.02	-61.68
4100635	13314360	AOML	744	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	19.45	-48.75
4100670	64644	AOML	733	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	23.23	-39.60
4100921	92911	AOML	727	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	25.12	-47.09
4100938	71027	AOML	734	-	-	X	X	X	-	-	-	-	-	-	L	0103-3103	25.64	-49.36
4100970	75182	AOML	732	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	25.97	-55.14
4100975	93016	AOML	635	-	-	X	-	X	-	-	X	-	-	-	L	0103-3103	24.81	-54.31
4100979	88624	AOML	736	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	24.40	-56.74
4100982	39660	AOML	695	-	-	X	X	X	-	-	X	-	-	-	L	0203-3103	25.96	-60.74
4100985	39665	AOML	714	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	22.07	-58.20
4100995	92961	AOML	555	-	-	X	-	X	-	-	X	-	-	-	L	0103-3103	27.79	-36.26
4100996	92962	AOML	429	-	-	X	-	X	-	-	X	-	-	-	L	0103-3103	31.95	-24.63
4400911	99014	AOML	603	-	-	X	X	X	-	-	X	-	-	-	L	0603-3103	52.09	-37.88
4400923	99015	AOML	569	-	-	X	X	X	-	-	X	-	-	-	L	0703-3103	50.64	-43.30
4400942	89832	AOML	735	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	53.61	-29.22
4800684	42597	NESD	718	-	X	X	-	-	-	-	-	-	-	-	L	0103-3103	72.83	-18.40
6100987			663	-	-	X	X	X	-	-	X	-	-	-	L	0103-3103	35.36	33.17
6200500	13118190	CMM	744	-	-	X	X	X	-	-	X	-	-	X	T	0103-3103	49.63	-7.95
6200501	92544	LODY	744	-	-	X	X	X	-	-	X	-	-	X	T	0103-3103	43.57	-1.67
6200502	12798800	CMM	744	-	-	X	X	X	-	-	X	-	-	X	T	0103-3103	41.20	-17.44
6200503	12203770	CMM	744	-	-	X	X	X	-	-	X	-	-	X	T	0103-3103	47.60	-15.57
6200505	49678	EUME	751	-	-	X	X	-	-	-	X	-	-	-	T	0103-3103	39.76	-15.83
6200507	12306400	CMM	744	-	-	X	X	X	-	-	X	-	-	X	T	0103-3103	36.34	-14.96
6200510	12487510	CMM	572	-	-	X	X	X	-	-	X	-	-	-	T	0103-3103	46.21	-3.43
6200841	12307380	CMM	744	-	-	X	X	X	-	-	X	-	-	X	T	0103-3103	47.06	-12.87
6200929	83327	AOML	739	-	-	X	X	X	-	-	-	-	-	-	L	0103-3103	25.13	-62.32
6200935	92979	AOML	632	-	-	X	-	X	-	-	X	-	-	-	L	0103-3103	34.07	-27.32
6200939	83481	AOML	730	-	-	X	X	X	-	-	-	-	-	-	L	0103-3103	17.99	-60.42
6600863			1025	-	-	X	X	X	-	-	-	-	-	-	T	0103-3103	54.74	16.09

### MOORED BUOYS

#### Operating EGOS moored buoys (K-pattern)

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
6100001	Cote d'Azur	742	X	X	X	X	X	X	X	-	-	X	-	T	0103-3103	43.40	7.80
<b>6100002</b>	<b>Lion</b>	<b>735</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	-	-	<b>X</b>	-	<b>T</b>	<b>0103-3103</b>	<b>42.10</b>	<b>4.70</b>
6200001	Gascogne	745	X	X	X	X	X	X	-	-	-	X	-	O	0103-3103	45.30	-5.00
6200029	K1	745	X	X	X	X	X	-	-	-	-	X	-	O	0103-3103	48.70	-12.50
6200081	K2	744	-	X	X	X	X	X	-	-	-	X	-	O	0103-3103	51.00	-13.20
6200090	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.10	-11.20
6200091	M2	740	X	X	X	-	X	X	-	-	-	X	-	O	0103-3103	53.50	-5.40
6200092	M3	745	X	X	X	X	X	X	-	-	-	X	-	O	0103-3103	51.20	-10.50
6200093	M4	743	X	X	X	X	X	-	-	-	-	X	-	O	0103-3103	54.70	-9.10
6200094	M5	744	X	X	X	X	X	X	-	-	-	X	-	O	0103-3103	51.70	-6.70
<b>6200095</b>	<b>M6</b>	<b>737</b>	-	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	-	-	-	<b>X</b>	-	<b>O</b>	<b>0103-3103</b>	<b>53.10</b>	<b>-15.90</b>
6200105	K4	743	X	-	X	X	X	X	-	-	-	-	-	O	0103-3103	55.80	-11.40
6200108	K3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.50	-19.50
6200163	Brittany	378	X	X	X	X	X	X	-	-	-	X	-	O	1103-3103	47.50	-8.40
<b>6400045</b>	<b>K5</b>	<b>745</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	-	-	-	<b>X</b>	-	<b>O</b>	<b>0103-3103</b>	<b>59.10</b>	<b>-11.70</b>
6400046	K7	743	X	X	X	X	X	X	-	-	-	X	-	O	0103-3103	60.70	-5.20

Comments:

- EUCOS moored buoys are presented in bold characters.

#### Operating EGOS moored buoys (Spanish SeaWatch and WaveScan)



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WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
1300130	Gran Canaria	740	-	-	X	-	-	X	-	-	-	-	-	O	0103-3103	28.18	-15.82
1300131	Tenerife Sur	585	X	X	X	-	X	X	-	-	-	-	X	O	0403-3103	28.00	-16.58
6100196	C. Begur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.92	3.65
6100197	Mahon	739	X	-	X	-	-	X	-	-	-	-	-	O	0103-3103	39.72	4.42
6100198	C. de Gata	402	X	X	X	-	X	X	-	-	-	-	X	O	1503-3103	36.57	-2.33
6100280	Tarragona	720	X	X	X	-	X	X	-	-	-	-	S	O	0103-3103	40.77	1.47
6100281	Valencia	731	X	X	X	-	X	X	-	-	-	-	X	O	0103-3103	39.47	-0.27
6100417	C. de Palos	672	X	X	X	-	X	X	-	-	-	-	X	O	0103-3103	37.65	-0.32
6100430	Dragonera	388	S	S	S	-	S	S	-	-	-	-	-	-	0103-1703	39.56	2.11
6200024	Bilbao-Visc.	702	X	X	X	-	X	X	-	-	-	-	X	O	0103-3103	43.63	-3.03
6200025	C. de Penas	153	X	X	X	-	X	X	-	-	-	-	X	O	2503-3103	43.73	-6.17
6200082	E. de Bares	162	X	X	X	-	X	X	-	-	-	-	X	O	2503-3103	44.13	-7.69
6200083	Villano-Sis.	738	X	X	X	-	X	X	-	-	-	-	X	O	0103-3103	43.48	-9.22
<b>6200084</b>	<b>C. Silleiro</b>	<b>740</b>	<b>X</b>	<b>X</b>	<b>X</b>	-	<b>X</b>	<b>X</b>	-	-	-	-	<b>X</b>	<b>O</b>	<b>0103-3103</b>	<b>42.12</b>	<b>-9.43</b>
6200085	G. de Cadiz	694	X	X	X	-	X	X	-	-	-	-	X	O	0103-3103	36.48	-9.97
	0 Santander	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.84	-3.77

Comments:

- The EUCOS buoy is presented in bold characters.

### Operating ISPRA moored buoys (Italy)

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
6100207		1449	-	-	-	-	X	X	-	-	-	-	-	O	0103-3103	37.44	15.15
6100208		1370	-	-	-	-	X	X	-	-	-	-	-	O	0103-3103	37.52	12.53
6100209		1414	-	-	-	-	X	X	-	-	-	-	-	O	0103-3103	38.26	13.33
6100210		762	-	-	-	-	X	X	-	-	-	-	-	O	0203-3103	39.02	17.22
6100211		1449	-	-	-	-	X	X	-	-	-	-	-	O	0103-3103	39.45	15.92
6100212		1422	-	-	-	-	X	X	-	-	-	-	-	O	0103-3103	40.62	9.89
6100213		1431	-	-	-	-	X	X	-	-	-	-	-	O	0103-3103	40.55	8.11
6100214		1440	-	-	-	-	X	X	-	-	-	-	-	O	0103-3103	40.87	12.95
6100215		1454	-	-	-	-	X	X	-	-	-	-	-	O	0103-3103	40.98	17.38
6100216		1421	-	-	-	-	X	X	-	-	-	-	-	O	0103-3103	42.24	11.55
6100218		1441	-	-	-	-	X	X	-	-	-	-	-	O	0103-3103	43.83	13.72
6100219		1452	-	-	-	-	X	X	-	-	-	-	-	O	0103-3103	43.93	9.83
6100220		1444	-	-	-	-	X	X	-	-	-	-	-	O	0103-3103	45.33	12.52
6100221		-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.12	9.40

### Operating POSEIDON moored buoys (Greece)

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
6101000		238	X	X	X	-	-	X	-	-	-	-	-	O	0103-3103	39.10	24.50
6101001		154	X	X	X	-	-	X	-	-	-	-	-	O	0803-2803	37.60	23.60
6101002		178	X	X	X	-	-	X	-	-	-	-	-	O	0803-3103	37.00	22.10
6101003		237	X	X	X	-	-	X	-	-	-	-	-	O	0103-3103	40.00	24.70
6101004		-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.10	25.80
6101005		237	X	X	X	-	-	X	-	-	-	-	-	O	0103-3103	37.50	25.50
6101006		200	X	X	X	-	-	X	-	-	-	-	-	O	0103-3103	36.30	25.50
6101007		117	X	X	X	-	-	X	-	-	-	-	-	O	0103-3103	35.80	24.90
6101008		-	-	-	-	-	-	-	-	-	-	-	-	-	-	36.80	21.60
6101009		183	X	X	X	-	-	X	-	-	-	-	-	O	0103-3103	38.00	20.60

### Other European moored buoys

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
6100010	Italia-1	21	S	S	S	-	S	-	-	-	-	S	-	-	0103-1803	43.80	9.10
6200052	Ushant	743	X	X	X	X	X	X	-	-	-	X	-	T	0103-3103	48.50	-5.80
6200442	PAP	743	X	X	X	X	X	X	-	-	-	X	-	O	0103-3103	49.00	-16.40
6600021	Arkona Becken	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.90	13.90
6600022	Oder Bank	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.10	14.20
6600024	Darsser Schwelle	735	X	X	-	-	X	X	-	-	-	-	-	O	0103-3103	54.70	12.70



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**Offshore moored buoys in the western part of the EUCOS area**

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
1300308	East Atlantic		-	-	-	-	-	-	-	-	-	-	-			15.00	-38.00
4100026		417	-	X	-	-	X	-	-	-	-	X	-	L	0103-3103	11.49	-38.40
4100040	West Atlantic	738	X	X	X	X	X	X	-	-	-	-	-	O	0103-3103	14.50	-53.00
4100041	Mid. Atlantic	741	X	X	X	X	X	X	-	-	-	X	-	O	0103-3103	14.50	-46.00
4100043	Porto Rico	723	X	X	X	X	X	X	-	-	-	X	-	O	0103-3103	21.00	-65.00
4100044		743	X	X	X	X	X	X	-	-	-	-	-	O	0103-3103	21.70	-58.70
4100046		205	X	X	X	X	X	X	-	-	-	X	-	O	2303-3103	23.90	-70.90
4100047			-	-	-	-	-	-	-	-	-	-	-			27.50	-71.50
4100048		743	X	X	X	X	X	X	-	-	-	X	-	O	0103-3103	32.00	-69.60
4100049		738	S	X	X	X	X	X	-	-	-	-	-	O	0103-3103	27.50	-53.00
4100100	E Guadeloupe		-	-	-	-	-	-	-	-	-	-	-			15.90	-57.90
4100101	E Martinique	736	-	X	X	X	X	X	-	-	-	X	-	T	0103-3103	14.60	-56.20
4100139			-	-	-	-	-	-	-	-	-	-	-			20.02	-37.86
4200059	Caraibes	743	X	X	X	X	X	X	-	-	-	-	-	O	0103-3103	15.00	-67.50
4400008	A Nantucket	743	X	X	X	X	X	X	-	-	-	-	-	O	0103-3103	40.50	-69.40
4400011	D Georges Bk		-	-	-	-	-	-	-	-	-	-	-			41.10	-66.60
4400018	SE Cape Cod	737	X	X	X	X	X	X	-	-	-	X	-	O	0103-3103	41.30	-69.30
4400024	NNE Channel	739	X	X	X	X	X	X	-	-	-	-	-	O	0103-3103	42.30	-65.90
4400137	E Scotia Sl.	741	X	X	X	X	X	X	-	-	-	-	-	O	0103-3103	42.30	-62.00
4400138	SW Gd Banks		-	-	-	-	-	-	-	-	-	-	-			44.30	-53.60
4400139	Beanquereau	517	S	S	S	S	S	S	-	-	-	-	-		0103-2203	44.30	-57.10
4400140	Tail of Bk	737	X	X	X	X	X	X	-	-	-	-	-	O	0103-3103	43.80	-51.70
4400141	Larentian F	744	-	-	X	X	X	X	-	-	-	-	-	O	0103-3103	43.00	-58.00
4400150	La Have Bk	739	X	-	X	X	X	X	-	-	-	-	-	O	0103-3103	42.50	-64.00

### ----- Abbreviations -----

WMO : WMO id.  
Argos : Argos id.  
Typ : Buoy type  
- first character : Manufacturer (C = ConMar , M = Metocean, T = Technocean,  
Y = Marlin-Yug...)  
- second character : Main type (F = FGGE, S = SVP)  
- third character : Sub type (B = barometer buoy, W = Wind buoy,  
S = Salinity buoy)  
Ow : Buoy owner (country code or EU for EUCOS)  
Owner : Buoy owner for non EUCOS buoys  
Nobs : number of GTS reports received at Meteo-France  
Parameters (X = OK, S = stopped, - = not measured) :  
Wi : Wind  
AT : Air Temperature  
AP : Air Pressure  
dP : Air pressure tendency  
ST : Sea surface Temperature  
Wa : Wave period and height  
Ws : Wave spectra  
Dr : Drogue presence  
Sb : Subsurface temperature  
U : Relative humidity  
SS : Sea surface Salinity  
O : Origin of the reports (T = Argos Toulouse, L = Argos Largo, O = Other)  
Start\_end : first and last dates of the month for which GTS data were received at Meteo-France  
Lat : Latitude of the latest position  
Lon : Longitude of the latest position  
Age : Age of the buoy (days)  
DepDate : Date of deployment  
DepLat : Latitude of deployment  
Dep Lon : Longitude of Deployment  
From : Harbour of departure

Definition : An operating drifting buoy is a buoy providing at least air pressure or wind (direction and velocity) data.

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### Buoy-QC statistics from Meteo-France model outputs

*Datend* : Date of the last value received on GTS  
*Recvd* : Total number of values received on GTS  
*GE* : Number of Gross Errors (excluded from bias and sd computations)  
*bias* : Mean differences between observation values and co-located model output values  
*Std* : Standard deviation of differences

### Air Pressure (hPa), drifting buoys, March 2011

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20110331	1300972	13808440	743	0	-0.1	0.4
20110331	1300974	10829620	83	0	-0.2	0.4
20110324	1300979	13409170	563	0	0.2	0.6
20110323	1300980	13112260	529	0	-0.1	0.3
20110331	1300981	13615160	743	0	-0.0	0.3
20110315	2500622	76825	347	0	-0.5	0.7
<b>20110317</b>	<b>2500624</b>	<b>96849</b>	<b>348</b>	<b>13</b>	<b>0.9</b>	<b>2.5</b>
20110331	4100557	83404	734	1	0.2	0.6
20110331	4100558	83394	703	0	0.0	0.3
20110331	4100561	39073	730	0	0.0	0.4
20110331	4100571	83391	707	1	-0.0	0.8
20110331	4100573	37414	733	0	-0.1	0.3
20110331	4100591	39101	734	0	0.3	0.3
20110331	4100596	12053610	743	0	0.7	0.6
20110331	4100597	12058610	742	0	0.3	0.7
20110331	4100599	13016830	744	5	0.2	1.2
20110331	4100601	13800460	746	0	0.0	0.3
<b>20110331</b>	<b>4100633</b>	<b>13610160</b>	<b>725</b>	<b>13</b>	<b>-0.1</b>	<b>0.6</b>
20110331	4100634	13803460	743	0	0.0	0.8
20110331	4100637	13801460	744	0	-0.1	0.4
20110331	4100638	10827640	59	0	-0.0	0.3
20110331	4100691	39068	736	1	0.3	1.9
20110331	4100715	83400	732	0	0.0	0.5
20110331	4100717	83402	703	0	-0.1	0.3
20110331	4100719	83392	711	1	-0.1	0.4
20110331	4100728	10822170	35	0	-0.2	0.4
20110331	4100855	39121	730	1	0.1	0.5
20110331	4100912	39092	348	0	0.0	0.6
20110331	4100915	39095	732	0	0.3	0.6
20110331	4100935	39108	732	0	0.3	0.4
20110331	4100957	38569	730	2	0.6	1.0
20110315	4400548	12540840	373	0	0.6	0.5
20110331	4400549	12343680	634	0	0.5	0.6
20110331	4400551	13303270	744	0	0.2	0.6
20110331	4400601	12050610	743	0	0.6	0.7
20110328	4400602	13205680	649	3	-0.2	0.5
20110311	4400608	12541830	769	0	0.3	0.9
20110321	4400612	13012860	482	0	-0.2	0.3
20110331	4400622	10826640	59	0	-0.1	0.3
20110331	4400625	13302280	744	0	0.6	0.7
20110331	4400665	50098	1582	3	0.1	0.9
20110331	4400722	12548840	744	0	0.8	0.7
<b>20110331</b>	<b>4400725</b>	<b>13309200</b>	<b>744</b>	<b>2</b>	<b>-1.1</b>	<b>1.3</b>
20110330	4400754	50077	697	1	-0.1	0.4
20110324	4400764	13307270	574	0	0.2	0.9
20110331	4400767	12297270	740	0	-0.3	0.7
20110331	4400768	13200700	743	0	0.2	0.6
20110331	4400831	83424	736	1	-0.1	0.6
20110331	4400835	83420	736	1	0.2	0.7
20110331	4400849	83397	622	3	-0.3	0.6
20110331	4400876	89813	725	0	0.2	0.4
20110331	4400878	83398	707	0	0.0	0.8
20110331	4400879	83399	690	0	0.0	0.4
20110331	4400882	83396	712	0	-0.1	0.5
20110331	4400889	89830	729	2	0.0	1.2
20110331	4400896	89815	731	0	0.0	0.5
20110331	4400903	70822	685	3	-0.1	0.6
20110331	4400905	70818	674	0	-0.2	0.7
20110331	4400912	83422	734	0	-0.0	0.6
20110331	4400917	89817	731	1	0.0	0.6
20110331	6200513	76814	708	0	-0.9	1.1

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20110331	6200514	10828150	84	0	0.0	0.5
20110331	6200515	10828620	83	0	-0.0	0.3
<b>20110331</b>	<b>6200519</b>	<b>12342700</b>	<b>742</b>	<b>0</b>	<b>1.2</b>	<b>0.8</b>
20110331	6200520	12650810	742	0	0.3	0.4
20110331	6200521	13011860	744	0	0.2	0.5
20110331	6200522	13115260	744	0	0.1	0.4
20110331	6200564	13301270	743	6	0.4	1.3
20110331	6200565	13209690	744	1	0.4	0.5
20110305	6200566	13304270	120	0	0.7	0.3
20110331	6200571	13205760	744	0	0.4	0.6
20110331	6200572	13302390	743	2	0.8	0.6
20110305	6200573	12295270	120	0	0.8	0.4
20110331	6200574	13300210	742	0	-0.2	0.7
20110331	6200596	12548830	743	1	0.6	1.8
20110329	6200598	13809440	687	0	0.0	0.5
20110331	6200721	37420	731	0	0.7	1.8
20110331	6200722	37773	728	1	0.9	1.2
20110331	6200904	89809	732	2	0.3	0.5
20110331	6200905	70820	667	0	0.3	0.5
20110331	6200910	83426	729	0	0.1	0.6
20110331	6300631	13309270	744	8	-0.2	1.9
20110331	6300632	13202690	744	1	0.5	1.0
<b>20110307</b>	<b>6300665</b>	<b>76818</b>	<b>152</b>	<b>61</b>	<b>-1.5</b>	<b>4.4</b>
20110331	6400607	12548820	742	0	0.9	0.8
20110331	6400608	12543300	744	0	0.3	0.7
20110331	6400609	12347680	744	0	0.1	0.7
20110331	6400611	12341680	744	0	0.9	0.6
<b>20110329</b>	<b>6400621</b>	<b>12489120</b>	<b>684</b>	<b>30</b>	<b>-0.2</b>	<b>0.9</b>
20110331	6400622	13800130	744	0	-0.1	1.0

### Air Pressure (hPa), moored buoys, March 2011

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20110331	1300130		740	0	0.5	0.6
20110331	1300131		585	0	0.0	0.7
20110331	6100001		742	1	-0.2	0.5
20110331	6100002		735	0	-0.1	0.5
20110318	6100010		21	0	-0.8	0.5
20110331	6100197		739	0	0.3	0.6
20110331	6100198		402	0	0.0	0.8
20110331	6100280		720	0	0.3	0.7
20110331	6100281		731	0	0.1	0.8
20110331	6100417		672	0	0.1	0.7
20110317	6100430		388	0	-1.1	0.6
<b>20110331</b>	<b>6101000</b>		<b>238</b>	<b>0</b>	<b>2.0</b>	<b>1.5</b>
20110328	6101001		154	0	-0.4	1.2
20110331	6101002		178	0	-0.7	1.0
<b>20110331</b>	<b>6101003</b>		<b>237</b>	<b>62</b>	<b>0.3</b>	<b>0.6</b>
20110331	6101005		237	0	0.2	0.7
20110331	6101006		200	0	-0.4	1.6
20110331	6101007		117	0	-0.1	0.8
20110331	6101009		183	0	-0.5	0.9
20110331	6200001		744	0	-0.1	0.5
20110331	6200024		702	0	0.5	0.7
20110331	6200025		153	0	0.6	0.7
20110331	6200029		717	0	-0.0	0.5
20110331	6200052		743	0	0.5	0.4
20110331	6200081		744	0	-0.1	0.5
20110331	6200082		162	0	0.6	0.7
20110331	6200083		738	0	0.5	0.6
20110331	6200084		740	0	0.3	0.6
20110331	6200085		694	0	0.7	0.7
20110331	6200091		740	0	0.1	0.5
20110331	6200092		742	0	-0.1	0.5
20110331	6200093		742	1	-0.4	0.8
20110331	6200094		744	1	0.1	0.4
20110331	6200095		728	0	-0.1	0.5
20110331	6200105		743	0	-0.1	0.5
20110331	6200163		376	0	-0.1	0.7
20110331	6400045		743	2	0.0	0.7
20110331	6400046		743	0	-0.1	0.6

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### Air Temperature (C), moored buoys, March 2011

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20110331	1300131		585	0	0.2	0.5
20110331	6100001		742	0	-1.3	0.9
20110331	6100002		735	0	-0.4	0.5
20110318	6100010		21	0	0.2	0.3
20110331	6100198		402	0	-0.2	0.8
20110331	6100280		720	0	-0.3	0.6
20110331	6100281		731	0	-0.5	0.7
20110331	6100417		355	0	0.3	0.9
20110317	6100430		388	0	0.0	0.5
<b>20110331</b>	<b>6101000</b>		<b>238</b>	<b>6</b>	<b>-1.9</b>	<b>4.6</b>
20110328	6101001		154	0	-0.8	0.6
20110331	6101002		178	0	-1.4	1.4
<b>20110331</b>	<b>6101003</b>		<b>237</b>	<b>0</b>	<b>-2.2</b>	<b>3.5</b>
20110331	6101005		237	0	-1.2	0.8
20110331	6101006		200	0	-0.0	0.8
20110331	6101007		117	0	-1.1	0.7
20110331	6101009		183	0	-0.3	0.6
20110331	6200001		744	0	-0.1	0.3
20110331	6200024		702	0	0.3	0.6
20110331	6200025		153	0	-0.3	0.7
20110331	6200029		740	0	0.1	0.4
20110331	6200052		743	0	0.0	0.4
20110331	6200081		744	0	0.0	0.6
20110331	6200082		162	0	-0.4	0.5
20110331	6200083		738	0	-0.1	0.5
20110331	6200084		740	0	-0.1	0.6
20110331	6200085		694	0	0.7	0.9
20110331	6200091		740	0	0.0	0.5
20110331	6200092		742	0	0.1	0.7
20110331	6200093		743	2	-0.3	0.7
20110331	6200094		744	0	0.0	0.6
20110331	6200095		736	11	-0.0	0.8
20110331	6200163		372	0	-0.1	0.6
20110331	6400045		744	0	-0.4	0.7
20110331	6400046		743	0	-0.4	0.6
20110331	6600024		735	0	0.3	0.7

### Wind direction (deg.), moored buoys, March 2011

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20110331	1300131		585	76	7	31
20110331	6100001		740	53	2	27
20110331	6100002		732	3	-3	20
20110318	6100010		21	0	-23	16
20110331	6100197		716	13	-4	20
20110331	6100198		399	12	2	25
20110331	6100280		688	11	-2	24
20110331	6100281		714	28	4	29
20110331	6100417		655	13	-0	23
20110317	6100430		378	25	-5	33
20110331	6101000		238	30	-6	44
20110328	6101001		153	20	-4	36
20110331	6101002		178	57	-10	55
<b>20110331</b>	<b>6101003</b>		<b>237</b>	<b>34</b>	<b>160</b>	<b>50</b>
<b>20110331</b>	<b>6101005</b>		<b>234</b>	<b>21</b>	<b>-73</b>	<b>42</b>
20110331	6101006		199	12	-9	19
20110331	6101007		117	12	-16	26
20110331	6101009		183	22	2	34
20110331	6200001		744	6	-2	15
20110331	6200024		692	30	-4	25
20110331	6200025		151	10	-0	32
20110331	6200029		717	1	1	15
20110331	6200052		742	23	-5	19
20110331	6200082		161	2	2	20
20110331	6200083		735	6	6	18
20110331	6200084		733	4	7	24
20110331	6200085		690	9	-5	23
20110331	6200091		740	12	4	21
20110331	6200092		738	4	-4	19

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20110331	6200093	742	4	1	16
20110331	6200094	744	7	-0	20
20110331	6200105	743	7	-0	17
20110331	6200163	376	8	-2	18
20110331	6400045	742	5	-6	16
20110331	6400046	743	5	0	16
20110331	6600024	735	1	-9	15

### Wind speed rate, moored buoys, March 2011

Datend	WMO	Telcom	Recvd	GE	Rate	Err
20110331	1300131		585	0	1.4	2.6
20110331	6100001		740	0	1.0	1.7
20110331	6100002		732	0	1.1	1.5
20110318	6100010		21	0	1.1	2.7
20110331	6100197		716	0	1.0	1.5
20110331	6100198		399	0	0.8	2.4
20110331	6100280		688	0	1.1	1.7
20110331	6100281		714	0	1.2	2.1
20110331	6100417		655	0	1.0	1.7
20110317	6100430		378	9	1.1	2.0
<b>20110331</b>	<b>6101000</b>		<b>238</b>	<b>8</b>	<b>0.4</b>	<b>8.2</b>
20110328	6101001		153	0	1.3	2.7
20110331	6101002		178	0	1.1	3.2
<b>20110331</b>	<b>6101003</b>		<b>237</b>	<b>77</b>	<b>0.6</b>	<b>2.1</b>
<b>20110331</b>	<b>6101005</b>		<b>234</b>	<b>45</b>	<b>0.9</b>	<b>2.0</b>
20110331	6101006		199	0	0.9	1.7
20110331	6101007		117	0	1.0	1.6
20110331	6101009		183	0	1.3	2.8
20110331	6200001		744	0	1.0	1.1
20110331	6200024		692	0	1.2	1.5
20110331	6200025		151	0	1.2	3.1
20110331	6200029		717	0	1.1	1.3
20110331	6200052		742	0	1.0	1.2
20110331	6200082		161	0	0.9	1.7
20110331	6200083		735	0	0.9	1.5
20110331	6200084		733	0	1.0	1.5
20110331	6200085		690	0	0.8	2.1
20110331	6200091		740	0	1.0	1.6
20110331	6200092		738	0	1.1	1.5
20110331	6200093		742	1	1.1	1.6
20110331	6200094		744	0	1.0	1.3
20110331	6200105		743	0	1.0	1.5
20110331	6200163		376	0	1.0	1.1
20110331	6400045		742	0	0.8	1.7
20110331	6400046		743	0	1.0	1.6
20110331	6600024		735	0	1.1	1.3

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### Comments on QC statistics :

#### Air pressure

1. Air pressure measurements became unreliable on Metocean Argos buoys WMO **2500624** and **6300665** after they were caught by ice. The GTS transmission was stopped for this parameter but a few wrong values were reported earlier.
2. Air pressure measurements also became unreliable on Iridium buoys WMO **4100633** (AP measurement failed) and **6400621** (the buoy totally failed). So, a few wrong values were also reported.
3. The correction brought to Metocean Iridium buoy WMO **4400725** in January (-2.3 hPa) was too high. It was reduced to -0.8 hPa in March.
4. Air pressure measurements carried out by Metocean Iridium buoy WMO **6200519** present a systematic bias of 1.2 hPa on air pressure. A correction of -1.0 hPa was applied on May 2<sup>nd</sup>.
5. Air pressure values reported by Poseidon moored buoy WMO **6101000** still presented a bias in March (+2.0 hPa). Buoy WMO **6101003** still reported a few 0 Pa instead of "missing data" at the beginning of March.

#### Air temperature

6. Air temperature values reported by Poseidon buoys WMO **6101000** and **6101003** continued to be unreliable in March. They should be removed from the GTS.

#### Wind

7. As during the previous months, Poseidon buoys WMO **6101000**, **6101003** and **6101005** reported suspicious wind observations onto the GTS in March.

Monthly QC statistics and other data quality control tools are available on line at :

<http://www.meteo.shom.fr/qctools/>

The working area of the E-SURFMAR website is open at <http://esurfmar.meteo.fr/wikisurf-wa/> . Ask the E-SURFMAR Programme Manager [Pierre.Blouch@meteo.fr](mailto:Pierre.Blouch@meteo.fr) for the password in case you forgot it. Graphs of system performances may be displayed/downloaded at [http://esurfmar.meteo.fr/doc/r/surfmar/others/e-surfmar\\_monitoring.pdf](http://esurfmar.meteo.fr/doc/r/surfmar/others/e-surfmar_monitoring.pdf).