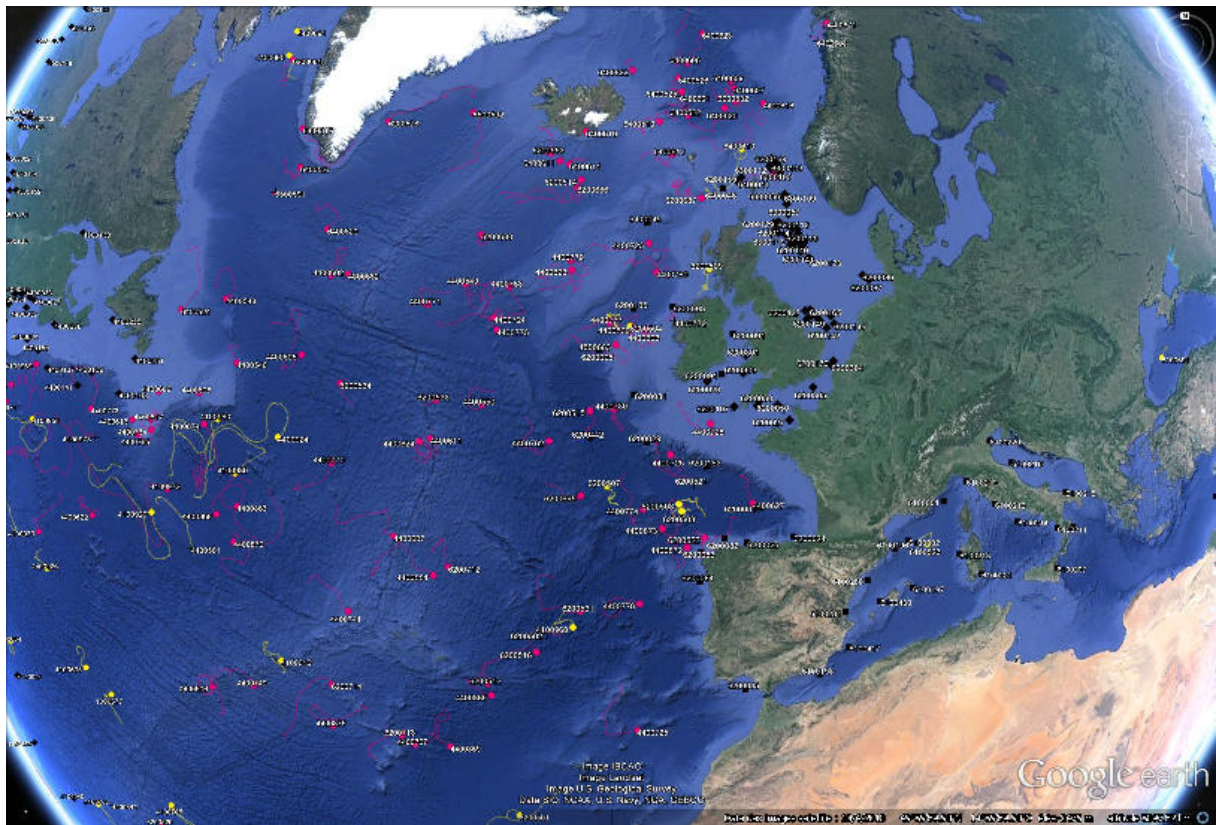


DATA BUOY MONTHLY REPORT

September 2013



September 2013 – Operating data buoys in the North Atlantic
Drifting buoy trajectories : E-SURFMAR (red), others (yellow)
Moored buoy positions (black)

Most recent trajectories may be seen at:
http://www.meteo.shom.fr/cartographie/data/kml/MeteoFrance_buoys_map_15.kmz

**E-SURFMAR DB Monthly Report
September 2013**



*September 2013
Drifting buoy trajectories in Arctic Ocean and adjacent seas : E-SURFMAR (red), others (yellow)*

DRIFTING BUOYS

Network status

By the end of September, **130 Drifting buoys**, reporting air pressure onto the GTS, were in operation in the frame of E-SURFMAR. Out of these, 95 were E-SURFMAR funded Iridium SVP-Bs, including 12 in the Arctic and 11 HRSST-2 buoys. The remaining buoys were: one ICEB buoy in the Arctic, 33 Iridium drifters owned by NOAA and upgraded with barometers by E-SURFMAR, and one Iridium drifter operated by Environment Canada.

Out of these, one buoy beached in Iceland (WMO 6400619) reports reliable pressure data onto the GTS. Two prototypes of Iridium SVP-Bs (WMO 6200507 and 6200508) built by DBI and owned by NOAA are also considered as being part of E-SURFMAR network.

A few Iridium buoys are emitting sporadically. In September, this was again the case for Metocean buoy WMO 4400746. The GTS transmission of air pressure was rehabilitated for Metocean SVP-B WMO 4400617 (02/09) and 6400623 (18/09) after noticing they were reliable back.

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

Besides E-SURFMAR buoys, 47 drifting buoys were reporting at least air pressure or wind observations from the EUMETNET area of interest. Out of these, 7 were reporting Sea Surface Salinity, some in the frame of Spurs/Strasse campaign (validation of SMOS and Aquarius remote SSS measurements).

Drifting buoys - New deployments

WMO	Telcom	Typ	Ow	Dep_Date	DepLat	DepLon	From	Comment
2500623	60174700	MSB	EU	20130902	79.6	146.7	Kirkenes	Akademik Fedorov
2500648	60370080	MSB	EU	20130909	78.6	134.3	Kirkenes	Akademik Fedorov
2500649	60375030	MSB	EU	20130909	79.0	122.4	Kirkenes	Akademik Fedorov
2500650	60378060	MSB	EU	20130909	77.7	125.8	Kirkenes	Akademik Fedorov
2500651	60568820	MSB	EU	20130909	80.1	109.3	Kirkenes	Akademik Fedorov
2500652	60176700	MSB	EU	20130912	81.4	107.4	Kirkenes	Akademik Fedorov
4400608	11681420	MSB	EU	20130925	49.0	-34.0	Southampton	OCL Kuala Lumpur
4400609	11686230	MSB	EU	20130926	46.6	-47.0	Southampton	OCL Kuala Lumpur
6200533	11684410	MSB	EU	20130924	49.7	-29.0	Southampton	OCL Kuala Lumpur
6200534	11683400	MSB	EU	20130925	49.0	-34.0	Southampton	OCL Kuala Lumpur
6400613	60174710	MSB	EU	20130901	62.6	-12.1	Rotterdam	Selfoss
6400614	60178700	MSB	EU	20130905	63.1	-16.9	Rotterdam	Selfoss
6500593	11371920	MSB	EU	20130902	74.2	-71.3	Reykjavik	Le Soleal
	11472050	MSB	EU	20130902	74.5	-70.3	Reykjavik	Le Soleal

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
2500615	13409520	MIB	EU	719	-	-	X	X	-	-	-	X	-	-	-	T	0109-3009	84.61	-43.16	752
2500616	11549100	MSB	EU	719	-	-	X	X	-	-	-	X	-	-	-	T	0109-3009	85.26	1.89	387
2500617	11540100	MSB	EU	719	-	-	X	X	-	-	-	X	-	-	-	T	0109-3009	83.70	-9.36	387
2500619	60276270	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	82.73	121.34	33
2500622	11540110	MSB	EU	719	-	-	X	X	-	-	-	X	-	-	-	T	0109-3009	88.05	136.14	392
2500623	60174700	MSB	EU	683	-	-	X	X	X	-	-	X	-	-	-	T	0209-3009	81.02	138.35	30
2500624	60247420	MSB	EU	682	-	-	X	X	X	-	-	X	-	-	-	T	0209-3009	81.48	133.79	31
2500648	60370080	MSB	EU	519	-	-	X	X	X	-	-	-	-	-	-	T	0909-3009	79.71	123.21	22
2500650	60378060	MSB	EU	519	-	-	X	X	X	-	-	-	-	-	-	T	0909-3009	78.31	112.79	22
2500651	60568820	MSB	EU	490	-	-	X	X	X	-	-	-	-	-	-	T	1009-3009	79.29	102.05	22
2500652	60176700	MSB	EU	442	-	-	X	X	X	-	-	-	-	-	-	T	1209-3009	80.95	105.75	19
2600556	11549080	MSB	EU	719	-	-	X	X	-	-	-	X	-	-	-	T	0109-3009	80.77	-11.21	373
2600557	11544090	MSB	EU	722	-	-	X	X	-	-	-	X	-	-	-	T	0109-3009	78.01	-18.36	375
4100969	60213780	PSB	UP	645	-	-	X	X	X	-	-	X	-	-	-	T	0409-3009	41.82	-63.48	54

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4100970	60213790	PSB	UP	668	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	33.82	-57.32	53
4100971	60215900	PSB	UP	719	-	-	X	X	X	-	-	-	-	-	-	T	0109-3009	38.20	-65.58	53
4100972	60217780	PSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	41.38	-46.60	53
4400546	11160640	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	48.93	-44.28	195
4400548	11160660	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	51.55	-47.46	194
4400549	11025170	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	55.65	-27.27	603
4400550	11545160	MSB	E2	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	50.15	-24.48	195
4400551	11027150	MSB	EU	719	-	-	X	X	-	-	X	-	-	-	-	T	0109-3009	41.81	-26.38	603
4400602	11468700	MSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	54.56	-39.02	193
4400603	11540410	MSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	53.98	-12.27	365
4400605	11473110	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	50.50	-39.19	143
4400606	11687410	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	32.24	-40.18	361
4400607	11474110	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	43.30	-29.33	144
4400608	11681420	MSB	EU	88	-	-	X	X	X	-	-	-	-	-	-	T	2709-3009	46.70	-46.60	5
4400609	11686230	MSB	EU	83	-	-	X	X	X	-	-	-	-	-	-	T	2709-3009	45.67	-50.06	5
4400611	11471110	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	48.22	-27.85	209
4400613	11475040	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	43.58	-51.50	209
4400616	11813550	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	64.47	2.37	617
4400617	11474100	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	44.17	-49.87	208
4400622	11881820	PSB	UP	719	-	-	X	X	-	-	X	-	-	-	-	T	0109-3009	37.45	-52.44	449
4400624	11341110	YSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	48.00	-28.62	294
4400627	11028170	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	45.51	-5.56	543
4400683	12366460	MSB	CA	720	-	-	X	X	X	-	-	X	-	-	-	O	0109-3009	39.31	-65.67	192
4400723	10825630	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	58.06	-11.72	463
4400724	13300270	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	54.24	-24.44	464
4400725	11027170	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	34.70	-13.48	465
4400726	11023190	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	48.14	-10.92	464
4400728	11020190	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	49.43	-7.94	465
4400730	11846540	MSB	E2	705	-	-	X	X	-	-	X	-	-	-	-	T	0109-3009	50.33	-14.85	442
4400740	11883820	PSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	33.41	-37.23	450
4400741	11688230	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	39.09	-31.63	374
4400746	13357510	MSB	EU	190	-	-	X	X	X	-	-	X	-	-	-	T	0209-3009	60.78	1.06	662
4400760	11880820	PSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	54.05	-13.16	448
4400762	11244970	YSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	48.77	-19.41	289
4400763	11683410	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	55.77	-23.52	209
4400764	11688400	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	43.70	-49.53	186
4400765	11685410	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	43.06	-50.57	186
4400767	11919510	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	32.84	-26.60	613
4400769	60210790	PSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	35.41	-64.75	79
4400770	11798230	MSB	E2	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	46.00	-34.65	221
4400771	60507000	MSB	E2	716	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	54.39	-30.04	221
4400773	60211790	PSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	42.53	-55.73	79
4400774	11460700	MSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	45.67	-12.91	440
4400775	11540170	MSB	E2	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	53.68	-24.05	439
4400777	11885820	PSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	54.32	-15.21	436
4400778	11463700	MSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	41.16	-13.25	437
4400779	11885820	PSB	UP	718	-	-	X	X	-	-	X	-	-	-	-	T	0109-3009	57.24	-18.56	437
4400780	11880840	PSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	56.66	-11.22	437
4400863	60211690	PSB	UP	672	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	42.30	-40.82	77
4400865	11022610	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	36.20	-22.17	589
4400868	11794230	MSB	E2	716	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	41.45	-42.22	146
4400869	11026040	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	33.10	-24.46	579
4400870	60210460	PSB	UP	665	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	40.48	-40.44	77
4400871	11025180	MSB	EU	718	-	-	X	X	S	-	-	X	-	-	-	T	0109-3009	67.92	15.39	577
4400872	11027700	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	43.76	-10.12	563
4400873	11022600	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	44.72	-11.69	563
4400874	60213460	PSB	UP	664	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	45.41	-45.24	77
4400875	11021610	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	32.74	-31.74	563
4800662	10822620	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	54.88	-37.52	416
4800663	10822640	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	53.30	-14.68	416
6200507	11288550	DSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	46.77	-15.33	155
6200508	10759040	DSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	45.83	-10.53	153
6200512	11687230	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	36.79	-22.43	146
6200514	60203700	MSB	E2	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	61.19	-17.99	221
6200515	11795230	MSB	E2	712	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	50.24	-16.56	221
6200516	11475100	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	38.65	-19.57	147
6200520	13611180	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	20.17	-43.73	601
6200522	11680430	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	44.15	-8.96	375
6200531	11548410	MSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	40.80	-16.93	355
6200532	11566230	MSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	64.82	-0.72	354
6200533	11684410	MSB	EU	59	-	-	X	X	X	-	-	-	-	-	-	T	2609-3009	50.04	-27.91	7
6200534	11683400	MSB	EU	135	-	-	X	X	X	-	-	-	-	-	-	T	2509-3009	49.77	-35.44	6
6200553	11165650	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	62.47	-21.26	191
6200556	11021170	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	24.58	-30.44	573
6200678	11029050	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	62.70	-39.55	590
6200680	11166640	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	58.09	-26.68	318

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6200681	11168640	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	63.83	-55.47	319
6200684	11882820	PSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	73.47	14.38	445
6200686	11845450	MSB	E2	719	-	-	X	X	-	-	-	X	-	-	-	T	0109-3009	60.81	-18.33	444
6200687	11349100	YSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	60.09	-6.47	298
6200695	60408990	MSB	E2	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	46.30	-17.05	147
6200712	11799220	MSB	E2	714	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	42.33	-25.46	147
6200713	11246980	YSB	EU	707	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	33.22	-27.41	293
6200714	11240980	YSB	EU	708	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	35.02	-32.11	290
6300551	11547410	MSB	UP	676	-	-	X	X	X	-	-	S	-	-	-	T	0109-3009	73.29	49.61	433
6300552	11548400	MSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	79.43	3.69	432
6300554	11549410	MSB	UP	718	-	-	X	X	X	-	-	S	-	-	-	T	0109-3009	70.53	49.76	432
6300635	11477140	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	77.55	11.35	355
6300636	60278250	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	78.66	10.38	48
6300637	60276250	MSB	EU	716	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	79.45	6.61	47
6300639	11471050	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	72.18	31.56	326
6300640	60172710	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	72.64	17.27	48
6400516	11473100	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	70.83	9.03	356
6400517	11476100	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	60.86	-48.60	61
6400518	11472110	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	71.66	12.91	356
6400519	11547420	MSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	64.15	-9.73	150
6400520	11479040	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	64.56	-2.20	143
6400521	11470030	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	71.64	-0.69	141
6400522	11029150	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	64.38	-6.49	602
6400524	10825640	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	49.94	-51.15	463
6400525	60175710	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	65.69	-6.73	45
6400526	60175700	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	66.44	-6.88	45
6400527	11549160	MSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	59.02	-46.48	383
6400606	11478100	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	67.25	-5.38	327
6400607	11479100	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	65.54	-0.46	327
6400609	11379950	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	65.96	-0.62	142
6400610	11540440	MSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	62.31	-1.47	94
6400611	11548420	MSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	62.10	-20.27	88
6400613	60174710	MSB	EU	682	-	-	X	X	X	-	-	X	-	-	-	T	0209-3009	62.41	-8.79	30
6400614	60178700	MSB	EU	268	-	-	X	X	X	-	-	-	-	-	-	T	2009-3009	61.96	-19.26	26
6400619	11544440	MSB	UP	718	-	-	X	X	-	-	-	X	-	-	-	T	0109-3009	63.68	-17.77	241
6400620	11756730	MSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	56.64	-40.93	487
6400621	60170720	MSB	EU	343	-	-	X	X	X	-	-	X	-	-	-	T	0109-2909	65.43	-7.06	43
6400622	60172810	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	67.01	-12.39	46
6400623	11470040	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	68.85	-2.50	142
6500592	11164650	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	64.12	-30.56	319

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

WMO	Telcom	Typ	Ow	End_Date	Lat	Lon	Age	Cause
2500618	64244420	MSB	EU	20130920	79.6	106.2	25	AP failed - Rehabilitated on 6 th October
2500649	60375030	MSB	EU	20130924	79.5	111.3	16	AP failed
4100973	60218450	PSB	UP	20130925	41.4	-54.3	47	Unknown
4400623	11167640	MSB	EU	20130930	56.8	-18.4	321	AP failed
4400772	11544410	MSB	UP	20130914	54.3	-10.0	423	Ashore in Ireland
4400844	37533	TSB	UP	20130902	18.4	-48.3	858	Faded (last EUMETNET Argos upgraded buoy)
6200521	11688060	MSB	EU	20130916	46.7	-9.4	362	Faded ?
6400608	11546430	MSB	UP	20130924	67.1	12.6	172	AP failed after the buoy came ashore (Lofoten)
6400612	60273270	MSB	EU	20130911	77.6	-6.8	12	Unkown
6500591	11887820	PSB	UP	20130926	57.4	-47.7	431	Faded

----- 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
2500618	64244420	MSB	EU	719	-	-	S	S	X	-	-	X	-	-	-	T	0109-3009	79.60	106.20	36
2500649	60375030	MSB	EU	527	-	-	S	S	X	-	-	X	-	-	-	T	0909-3009	79.50	111.30	22
4400623	11167640	MSB	EU	719	-	-	S	S	X	-	-	X	-	-	-	T	0109-3009	56.79	-18.40	321
4400684	12297120	MSB	CA	720	-	-	-	-	X	-	-	X	-	-	-	O	0109-3009	42.34	-34.42	190
6300642	11548080	MSB	EU	718	-	-	-	-	X	-	-	X	-	-	-	T	0109-3009	75.56	3.49	470
6500593	11371920	MSB	EU	603	-	-	-	-	X	-	-	X	-	-	-	T	0509-3009	72.93	-64.67	29

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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	
1300575	60210910	LODY		1377	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	1.34	5.48	
1300577	114638	LODY		2101	-	-	X	-	X	-	-	X	-	-	X	T	0109-3009	27.79	-48.07	
1300600	43869	AOML		721	-	-	X	X	-	-	-	X	-	-	-	L	0109-3009	22.17	-42.77	
1300659	11910180	UKMO		718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	27.72	-22.59	
1300660	11022040	UKMO		718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	22.72	-37.14	
1300661	11912280	UKMO		566	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	24.39	-32.26	
1300662	11098800	UKMO		718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	25.38	-28.65	
1300664	11090810	UKMO		718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	25.62	-23.60	
1300665	11091810	UKMO		718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	18.21	-37.33	
1300666	11099800	UKMO		718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	18.13	-24.25	
1300899	11977530	CMM		543	-	-	X	X	X	-	-	X	-	-	X	T	0109-3009	2.67	-30.78	
4100560	114550	AOML		718	-	-	X	-	-	-	-	X	-	-	-	L	0109-3009	45.95	-44.27	
4100562	114558	AOML		718	-	-	X	-	X	-	-	X	-	-	-	L	0109-3009	34.51	-67.88	
4100564	109221	AOML		717	-	-	X	-	X	-	-	X	-	-	-	L	0109-3009	22.78	-69.45	
4100599	11546410	CMM		718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	19.63	-65.44	
4100616	101618	AOML		720	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	35.39	-35.62	
4100633	114634	LODY		1430	-	-	X	-	S	-	-	X	-	-	S	T	0109-3009	28.25	-50.55	
4100634	114632	LODY		1555	-	-	X	-	X	-	-	X	-	-	X	T	0109-3009	24.08	-59.28	
4100705	11596570	AOMF		718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	22.45	-42.83	
4100706	11595580	AOMF		718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	14.46	-48.13	
4100707	11590580	AOMF		718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	17.05	-49.83	
4100708	11585510	AOMF		718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	11.04	-49.30	
4100709	11598570	AOMF		718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	10.77	-48.04	
4100739	11912120	UKMO		718	-	-	X	X	-	-	-	X	-	-	-	T	0109-3009	27.41	-66.82	
4100929	101720	AOML		713	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	39.78	-47.38	
4100930	101719	AOML		716	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	43.83	-41.63	
4100932	101716	AOML		717	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	32.90	-65.22	
4100957	101718	AOML		719	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	32.61	-64.87	
4100958	101700	AOML		616	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	39.17	-61.51	
4100960	93006	AOML		424	-	-	X	-	X	-	-	X	-	-	-	L	1109-3009	39.99	-17.38	
4400690		EC		558	-	-	X	X	X	-	-	X	-	-	-	O	0709-3009	63.92	-56.40	
4400691		EC		671	-	-	X	X	X	-	-	X	-	-	-	O	0309-3009	65.26	-58.00	
4400924	126481	AOML		721	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	46.34	-39.11	
4400926	101723	AOML		711	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	32.21	-55.71	
4700501	819920	APL		240	-	X	X	X	X	-	-	-	-	-	S	-	O	0109-3009	84.14	-2.66
4700564	11095250	APL		720	-	-	X	X	S	-	-	-	-	-	-	O	0109-3009	84.07	-22.20	
4700565	11091860	APL		720	-	-	X	X	X	-	-	-	-	-	-	O	0109-3009	84.78	-5.71	
4800520	46517	PSC		720	-	X	X	X	-	-	-	-	-	-	-	L	0109-3009	77.64	-17.44	
4800533	114527	NESD		240	-	X	X	X	X	-	-	-	-	-	X	-	O	0109-3009	85.10	-7.68
6100523	10209530	CMM		712	-	-	X	X	S	-	-	X	-	-	-	T	0109-3009	41.60	5.94	
6100691	11043350	MARL		133	-	-	X	X	X	-	-	-	-	-	-	T	2509-3009	43.45	30.89	
6200501	11540090	CMM		295	-	-	X	X	X	-	-	X	-	-	X	T	0109-3009	29.57	-20.27	
6200503	11758700	CMM		719	-	-	X	X	X	-	-	X	-	-	X	T	0109-3009	45.48	-10.36	
6200504	11972540	CMM		462	-	-	X	X	X	-	-	X	-	-	X	T	0209-3009	54.16	-13.53	
6200509	60343390	CMM		574	-	-	X	X	X	-	-	X	-	-	X	T	0109-3009	56.64	-6.66	
6300544	973540	APL		720	-	-	X	X	X	-	-	-	-	-	-	O	0109-3009	87.26	29.13	
6400532	589520	APL		720	-	-	X	X	X	-	-	-	-	-	-	O	0109-3009	85.40	9.51	

----- Abbreviations -----

WMO : WMO id.
 Argos : Argos id.
 Typ : Buoy type
 - first character : Manufacturer (C = ConMar , M = Metocean, P = Pacific Gyre
 T = Technocean, Y = Marlin-Yug...)
 - second character : Main type (F = FGGE, I = ICEB, S = SVP)
 - third character : Sub type (B = barometer buoy, W = Wind buoy,
 S = Salinity buoy)
 Ow : Buoy owner (country code or EU for EUCOS, E2 for HRSST-2 buoys, UP for upgraded
 buoys)
 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

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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.

MOORED BUOYS

No data have been received from Greek moored buoys since the 1st of July 2012.

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	710	X	X	X	X	X	X	-	-	-	X	-	T	0109-3009	43.40	7.80
6100002	Lion	335	S	X	X	X	-	X	-	-	-	X	-	T	0109-3009	42.10	4.70
6200001	Gascogne	712	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009	45.30	-5.00
6200029	K1	714	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009	48.70	-12.50
6200081	K2	713	X	X	X	X	S	X	-	-	-	X	-	O	0109-3009	51.00	-13.20
6200090	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.10	-11.20
6200091	M2	717	X	X	X	-	X	X	-	-	-	X	-	O	0109-3009	53.50	-5.40
6200092	M3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51.20	-10.50
6200093	M4	720	X	X	X	-	X	X	-	-	-	-	-	O	0109-3009	54.70	-9.10
6200094	M5	720	X	X	X	-	X	-	-	-	-	X	-	O	0109-3009	51.70	-6.70
6200095	M6	706	S	X	X	X	X	X	-	-	-	X	-	O	0109-3009	53.10	-15.90
6200105	K4	712	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009	55.80	-11.40
6200108	K3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.50	-19.50
6200163	Brittany	713	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009	47.50	-8.40
6400045	K5	714	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009	59.10	-11.70
6400046	K7	708	X	X	X	-	X	X	-	-	-	X	-	O	0109-3009	60.70	-5.20

Comments:

- EUCOS moored buoys are presented in bold characters.

Operating EGOS moored buoys (Spanish SeaWatch and WaveScan)

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
1300130	Gran Canaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.18	-15.82
1300131	Tenerife Sur	713	X	X	X	-	S	X	-	-	-	-	S	O	0109-3009	28.00	-16.58
6100196	C. Begur	577	S	S	S	-	-	S	-	-	-	-	-	-	0109-2509	41.92	3.65
6100197	Mahon	716	X	X	X	-	-	X	-	-	-	-	-	O	0109-3009	39.72	4.42
6100198	C. de Gata	35	S	S	S	-	S	S	-	-	-	-	S	-	0109-0209	36.57	-2.33
6100280	Tarragona	714	X	X	X	-	X	X	-	-	-	-	X	O	0109-3009	40.77	1.47
6100281	Valencia	715	X	X	X	-	X	S	-	-	-	-	X	O	0109-3009	39.47	-0.27
6100417	C. de Palos	314	X	X	X	-	X	X	-	-	-	-	X	O	0109-3009	37.65	-0.32
6100430	Dragonera	716	X	X	X	-	X	X	-	-	-	-	-	O	0109-3009	39.56	2.11
6200024	Bilbao-Visc.	716	X	X	X	-	X	X	-	-	-	-	X	O	0109-3009	43.63	-3.03
6200025	C. de Penas	688	X	X	X	-	X	X	-	-	-	-	X	O	0109-3009	43.73	-6.17
6200082	E. de Bares	720	X	X	X	-	X	X	-	-	-	-	X	O	0109-3009	44.13	-7.69
6200083	Villano-Sis.	716	X	X	X	-	X	X	-	-	-	-	X	O	0109-3009	43.48	-9.22
6200084	C. Silleiro	716	X	X	X	-	X	X	-	-	-	-	X	O	0109-3009	42.12	-9.43
6200085	G. de Cadiz	716	X	X	X	-	X	X	-	-	-	-	X	O	0109-3009	36.48	-6.97
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		63	-	-	S	-	S	S	-	-	-	-	-	-	0109-2209	37.44	15.15
6100208		-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.52	12.53
6100209		-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.26	13.33
6100210		1435	-	-	X	-	X	X	-	-	-	-	-	O	0109-3009	39.02	17.22
6100211		1429	-	-	X	-	X	X	-	-	-	-	-	O	0109-3009	39.45	15.92
6100212		-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.62	9.89
6100213		270	-	-	X	-	X	X	-	-	-	-	-	O	2509-3009	40.55	8.11
6100214		1432	-	-	X	-	X	X	-	-	-	-	-	O	0109-3009	40.87	12.95
6100215		1436	-	-	X	-	X	X	-	-	-	-	-	O	0109-3009	40.98	17.38
6100216		1319	-	-	X	-	X	X	-	-	-	-	-	O	0109-3009	42.24	11.55
6100218		132	-	-	X	-	X	X	-	-	-	-	-	O	0909-3009	43.83	13.72

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6100219	1369	-	-	X	-	X	X	-	-	-	-	-	O	0109-2909	43.93	9.83
6100220	1356	-	-	X	-	X	X	-	-	-	-	-	O	0109-3009	45.33	12.52
6100221	583	-	-	X	-	X	X	-	-	-	-	-	O	0209-3009	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			-	-	-	-	-	-	-	-	-	-	-			39.10	24.50
6101001			-	-	-	-	-	-	-	-	-	-	-			37.60	23.60
6101002			-	-	-	-	-	-	-	-	-	-	-			37.00	22.10
6101003			-	-	-	-	-	-	-	-	-	-	-			40.00	24.70
6101004			-	-	-	-	-	-	-	-	-	-	-			39.10	25.80
6101005			-	-	-	-	-	-	-	-	-	-	-			37.50	25.50
6101006			-	-	-	-	-	-	-	-	-	-	-			36.30	25.50
6101007			-	-	-	-	-	-	-	-	-	-	-			35.80	24.90
6101008			-	-	-	-	-	-	-	-	-	-	-			36.80	21.60
6101009			-	-	-	-	-	-	-	-	-	-	-			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		-	-	-	-	-	-	-	-	-	-	-			43.80	9.10
6200442	PAP	702	X	X	X	-	S	X	-	-	-	X	-	O	0109-3009	49.00	-16.40
6600021	Arkona Becken	703	X	X	-	-	X	-	-	-	-	-	-	O	0109-3009	54.90	13.90
6600022	Oder Bank	593	X	X	-	-	X	-	-	-	-	-	-	O	0109-3009	54.10	14.20
6600024	Darsser Schwell	83	X	X	-	-	X	X	-	-	-	-	-	O	2709-3009	54.70	12.70

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		482	-	X	-	-	X	-	-	-	-	X	-	L	0109-3009	11.49	-38.40
4100040	West Atlantic	697	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009	14.50	-53.00
4100041	Mid. Atlantic	704	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009	14.50	-46.00
4100043	Porto Rico	691	X	-	X	X	X	X	-	-	-	-	-	O	0109-3009	21.00	-65.00
4100044		696	X	X	X	X	X	X	-	-	-	-	-	O	0109-3009	21.70	-58.70
4100046		694	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009	23.90	-70.90
4100047			-	-	-	-	-	-	-	-	-	-	-			27.50	-71.50
4100048		694	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009	32.00	-69.60
4100049		706	X	X	X	X	X	X	-	-	-	-	-	O	0109-3009	27.50	-53.00
4100139		506	X	X	X	-	X	-	-	-	-	X	-	L	0109-3009	20.02	-37.86
4100300	Antilles	695	X	X	X	X	X	X	-	-	-	X	-	T	0109-3009	15.85	-57.47
4200059	Caraibes	708	X	X	X	X	X	X	-	-	-	-	-	O	0109-3009	15.00	-67.50
4400008	A Nantucket		-	-	-	-	-	-	-	-	-	-	-			40.50	-69.40
4400011	D Georges Bk		-	-	-	-	-	-	-	-	-	-	-			41.10	-66.60
4400018	SE Cape Cod		-	-	-	-	-	-	-	-	-	-	-			41.30	-69.30
4400024	NNE Channel	698	X	X	X	-	X	X	-	-	-	-	-	O	0109-3009	42.30	-65.90
4400137	E Scotia Sl.	703	X	X	X	X	X	X	-	-	-	-	-	O	0109-3009	42.30	-62.00
4400138	SW Gd Banks	15	S	S	S	S	S	S	-	-	-	-	-		2509-2609	44.30	-53.60
4400139	Beanquereau	706	X	X	X	X	X	X	-	-	-	-	-	O	0109-3009	44.30	-57.10
4400140	Tail of Bk	139	X	X	X	X	X	X	-	-	-	-	-	O	2409-3009	43.80	-51.70
4400141	Larentian F	704	X	X	X	X	X	X	-	-	-	-	-	O	0109-3009	43.00	-58.00
4400150	La Have Bk	694	X	-	X	X	X	X	-	-	-	-	-	O	0109-3009	42.50	-64.00

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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, September 2013

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20130930	2500615	13409520	719	0	-0.1	0.5
20130930	2500616	11549100	719	0	-0.0	0.3
20130930	2500617	11540100	719	0	-0.2	0.3
20130920	2500618	60244420	469	61	-0.5	1.1
20130930	2500619	60276270	719	0	-0.2	0.4
20130930	2500622	11540110	719	0	-0.1	0.3
20130930	2500623	60174700	683	0	-0.1	0.3
20130930	2500624	60247420	682	0	0.1	0.4
20130930	2500648	60370080	519	0	-0.2	0.3
20130924	2500649	60375030	372	142	-0.4	0.8
20130930	2500650	60378060	519	111	-0.4	1.3
20130930	2500651	60568820	490	57	-0.3	0.7
20130930	2500652	60176700	442	0	0.0	0.4
20130930	2600556	11549080	719	0	-0.3	0.5
20130930	2600557	11544090	722	0	-0.3	0.7
20130930	4100969	60213780	645	0	-0.4	0.5
20130930	4100970	60213790	668	0	0.0	0.4
20130930	4100971	60215900	719	0	0.1	0.6
20130930	4100972	60217780	719	0	0.2	0.4
20130925	4100973	60218450	590	0	-0.0	0.5
20130930	4400546	11160640	719	0	-0.2	0.4
20130930	4400548	11160660	719	0	-0.2	0.5
20130930	4400549	11025170	719	0	0.2	0.5
20130930	4400550	11545160	719	0	0.1	0.5
20130930	4400551	11027150	719	0	-0.0	0.5
20130930	4400602	11468700	719	0	-0.1	0.6
20130930	4400603	11540410	719	0	-0.2	0.5
20130930	4400605	11473110	719	0	-0.3	0.5
20130930	4400606	11687410	719	0	-0.2	0.3
20130930	4400607	11474110	719	0	-0.0	0.7
20130930	4400608	11681420	88	0	-0.1	0.3
20130930	4400609	11686230	83	0	-0.3	0.3
20130930	4400611	11471110	719	0	0.1	0.4
20130930	4400613	11475040	719	0	-0.1	0.4
20130930	4400616	11813550	718	0	-0.1	0.4
20130930	4400617	11474100	682	0	0.1	0.4
20130930	4400622	11881820	719	0	-0.1	0.4
20130927	4400623	11167640	636	0	-1.1	2.3
20130930	4400624	11341110	718	0	0.1	0.4
20130930	4400627	11028170	719	0	0.2	0.4
20130930	4400683	12366460	720	0	0.1	0.7
20130930	4400723	10825630	719	0	0.3	0.5
20130930	4400724	13300270	719	0	-0.4	0.5
20130930	4400725	11027170	719	9	0.2	0.9
20130930	4400726	11023190	719	0	-0.5	0.4
20130930	4400728	11020190	719	0	-0.1	0.4
20130930	4400730	11846540	705	0	-0.0	0.4
20130930	4400740	11883820	719	0	-0.1	0.3
20130930	4400741	11688230	719	0	0.1	0.3
20130930	4400746	13357510	190	0	-0.2	0.3
20130930	4400760	11880820	719	0	0.1	0.5
20130930	4400762	11244970	719	0	-0.1	0.5
20130930	4400763	11683410	719	0	-0.0	0.5
20130930	4400764	11688400	719	0	-0.2	0.4
20130930	4400765	11685410	719	0	-0.0	0.4
20130930	4400767	11919510	719	0	0.1	0.3
20130930	4400769	60210790	718	0	0.0	0.5
20130930	4400770	11798230	717	0	0.3	0.5
20130930	4400771	60507000	716	0	-0.1	0.5
20130914	4400772	11544410	312	12	0.1	0.9
20130930	4400773	60211790	719	0	0.1	0.4
20130930	4400774	11460700	719	0	0.1	0.4

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20130930	4400775	11540170	719	0	-0.3	0.6
20130930	4400777	11885820	719	0	0.2	0.4
20130930	4400778	11463700	719	0	-0.3	0.4
20130930	4400779	11885820	718	0	-0.0	0.5
20130930	4400780	11880840	719	0	0.1	0.5
20130902	4400844	37533	46	0	0.2	0.6
20130930	4400863	60211690	672	0	0.2	0.3
20130930	4400865	11022610	719	0	0.7	0.3
20130930	4400868	11794230	716	0	0.1	0.3
20130930	4400869	11026040	719	0	0.2	0.3
20130930	4400870	60210460	665	0	0.0	0.3
20130930	4400871	11025180	718	0	-0.7	0.4
20130930	4400872	11027700	719	0	0.6	0.5
20130930	4400873	11022600	719	0	0.4	0.4
20130930	4400874	60213460	664	0	0.2	0.4
20130930	4400875	11021610	719	0	0.7	0.3
20130930	4800662	10822620	719	0	1.1	0.6
20130930	4800663	10822640	719	0	0.3	0.5
20130930	6200512	11687230	719	0	-0.0	0.3
20130930	6200514	60203700	719	0	-0.1	0.5
20130930	6200515	11795230	712	0	0.0	0.4
20130930	6200516	11475100	719	0	0.0	0.4
20130930	6200520	13611180	718	0	0.1	0.4
20130916	6200521	11688060	337	0	0.1	0.5
20130930	6200522	11680430	719	0	-0.3	0.4
20130930	6200531	11548410	719	0	0.0	0.4
20130930	6200532	11566230	719	0	-0.3	0.5
20130930	6200533	11684410	59	0	-0.2	0.4
20130930	6200534	11683400	135	0	-0.4	0.6
20130930	6200553	11165650	719	0	0.1	0.6
20130930	6200556	11021170	718	11	0.2	1.1
20130930	6200678	11029050	719	0	-0.1	0.6
20130930	6200680	11166640	719	0	-0.2	0.6
20130930	6200681	11168640	719	0	-0.2	0.5
20130930	6200684	11882820	718	0	-0.1	0.3
20130930	6200686	11845450	719	0	-0.3	0.5
20130930	6200687	11349100	719	0	-0.1	0.5
20130930	6200695	60408990	717	0	0.1	0.5
20130930	6200712	11799220	714	0	0.2	0.4
20130930	6200713	11246980	707	0	0.1	0.3
20130930	6200714	11240980	708	0	0.0	0.3
20130930	6300551	11547410	676	0	-0.1	0.4
20130930	6300552	11548400	718	0	-0.2	0.3
20130930	6300554	11549410	718	0	-0.0	0.5
20130930	6300635	11477140	718	0	-0.1	0.3
20130930	6300636	60278250	718	0	0.0	0.3
20130930	6300637	60276250	716	0	-0.0	0.3
20130930	6300639	11471050	718	0	-0.0	0.4
20130930	6300640	60172710	718	0	0.2	0.3
20130930	6400516	11473100	718	0	-0.2	0.3
20130930	6400517	11476100	719	0	-0.5	0.5
20130930	6400518	11472110	718	0	-0.2	0.3
20130930	6400519	11547420	719	0	-0.2	0.5
20130930	6400520	11479040	719	0	-0.2	0.4
20130930	6400521	11470030	719	0	-0.2	0.4
20130930	6400522	11029150	719	0	-0.0	0.5
20130930	6400524	10825640	719	0	0.4	0.5
20130930	6400525	60175710	719	0	-0.2	0.4
20130930	6400526	60175700	719	0	-0.1	0.5
20130930	6400527	11549160	719	0	-0.1	0.5
20130930	6400606	11478100	719	0	-0.2	0.5
20130930	6400607	11479100	719	0	-0.1	0.5
20130924	6400608	11546430	566	35	-0.5	1.0
20130930	6400609	11379950	719	0	-0.2	0.5
20130930	6400611	11548420	719	0	0.3	0.7
20130911	6400612	60273270	210	4	-0.1	0.5
20130930	6400613	60174710	682	0	0.0	0.5
20130930	6400614	60178700	268	0	-0.1	0.3
20130930	6400619	11547420	718	0	-0.7	0.5
20130930	6400620	11756730	719	0	-0.1	0.6
20130929	6400621	60170720	343	0	-0.0	0.6
20130930	6400622	60172810	719	0	-0.1	0.5
20130930	6400623	11470040	274	0	-0.2	0.5
20130926	6500591	11887820	619	1	-0.1	0.6
20130930	6500592	11164650	719	0	-0.3	0.5

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Air Pressure (hPa), moored buoys, September 2013

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20130930	1200050		11	0	0.4	0.3
20130930	1300131		713	0	0.6	0.6
20130930	6100001		710	1	-0.2	0.5
20130930	6100002		335	0	-0.3	0.5
20130925	6100196		577	0	1.0	1.3
20130930	6100197		716	0	1.1	0.6
20130902	6100198		35	0	0.2	0.7
20130922	6100207		63	0	-1.1	0.8
20130930	6100210		1435	0	1.1	0.6
20130930	6100211		1429	0	0.4	0.5
20130930	6100213		270	0	1.0	0.4
20130930	6100214		1432	0	0.2	0.6
20130930	6100215		1436	0	1.8	0.5
20130930	6100216		1319	0	-1.2	1.3
20130930	6100218		132	0	0.6	0.5
20130929	6100219		1369	0	0.0	0.5
20130930	6100220		1356	0	0.1	0.5
20130930	6100221		583	0	-0.4	0.6
20130930	6100280		714	0	0.6	0.6
20130930	6100281		715	0	0.6	0.7
20130930	6100417		314	0	0.6	0.6
20130930	6100430		716	0	0.3	0.6
20130930	6200001		713	0	0.2	0.5
20130930	6200024		716	0	0.5	0.6
20130930	6200025		688	0	0.4	0.6
20130930	6200029		714	0	0.3	0.5
20130930	6200081		713	0	-0.0	0.4
20130930	6200082		717	0	0.5	0.6
20130930	6200083		716	0	0.7	0.6
20130930	6200084		716	0	-0.4	0.6
20130930	6200085		716	0	0.5	0.6
20130930	6200091		717	1	-0.1	0.6
20130930	6200093		720	2	0.2	0.7
20130930	6200094		720	0	-0.1	0.5
20130930	6200095		706	1	0.2	0.7
20130930	6200105		712	0	0.0	0.5
20130930	6200163		713	0	0.3	0.4
20130930	6400045		714	0	0.2	0.5
20130930	6400046		708	14	0.5	1.9

Air Temperature (C), moored buoys, September 2013

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20130930	1300131		712	0	1.0	0.5
20130930	6100001		709	0	-0.6	0.9
20130930	6100002		335	0	0.4	0.8
20130925	6100196		576	0	-0.5	0.7
20130930	6100197		715	0	-3.5	0.5
20130902	6100198		35	0	-0.4	0.2
20130930	6100280		712	0	0.2	0.6
20130930	6100281		713	0	0.1	0.6
20130930	6100417		311	0	-0.4	0.5
20130930	6100430		716	0	0.2	0.4
20130930	6200001		713	0	-0.1	0.6
20130930	6200024		716	0	0.3	0.7
20130930	6200025		688	0	-0.8	0.9
20130930	6200029		714	0	-0.1	0.4
20130930	6200081		713	0	-0.1	0.5
20130930	6200082		715	0	0.4	0.7
20130930	6200083		716	0	-0.0	0.7
20130930	6200084		716	0	-0.1	0.8
20130930	6200085		710	0	0.2	0.6
20130930	6200091		717	0	-0.0	0.5
20130930	6200093		720	0	-0.1	0.5
20130930	6200094		720	0	0.4	0.5
20130930	6200095		686	0	0.0	0.5
20130930	6200105		712	0	-0.2	0.5
20130930	6200163		713	0	-0.4	0.4
20130930	6400045		714	0	-0.2	0.5

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20130930	6400046	708	0	-0.4	0.5
20130930	6600021	703	0	0.1	0.5
20130930	6600022	592	0	0.0	0.6
20130930	6600024	83	0	0.1	0.3

Wind direction (deg.), moored buoys, September 2013

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20130930	1300131		707	32	2	26
20130930	6100001		710	80	2	33
20130925	6100002		43	0	-10	16
20130925	6100196		31	0	-14	8
20130930	6100197		710	15	-11	24
20130902	6100198		35	0	-8	12
20130930	6100280		675	31	-0	29
20130930	6100281		708	55	7	36
20130930	6100417		308	0	-15	20
20130930	6100430		692	38	-8	33
20130930	6200001		706	15	-1	21
20130930	6200024		696	27	0	29
20130930	6200025		669	60	-1	33
20130930	6200029		712	3	-4	18
20130930	6200081		712	5	-2	14
20130930	6200082		714	13	4	22
20130930	6200083		706	25	-5	28
20130930	6200084		710	10	9	17
20130930	6200085		714	19	-12	19
20130930	6200091		715	10	1	19
20130930	6200093		720	7	4	17
20130930	6200094		719	2	3	16
20130909	6200095		198	1	2	13
20130930	6200105		712	4	-1	15
20130930	6200163		711	8	-7	18
20130930	6400045		713	6	-0	17
20130930	6400046		708	3	4	16
20130930	6600021		702	15	-1	16
20130930	6600022		588	8	-11	19
20130930	6600024		83	0	3	19

Wind speed rate, moored buoys, September 2013

Datend	WMO	Telcom	Recvd	GE	Rate	Err
20130930	1300131		707	1	1.2	2.3
20130930	6100001		710	1	1.4	1.9
20130925	6100002		43	0	1.0	1.8
20130925	6100196		31	0	0.6	1.1
20130930	6100197		710	0	1.1	1.3
20130902	6100198		35	0	0.7	1.3
20130930	6100280		675	0	1.1	1.4
20130930	6100281		708	0	1.5	1.8
20130930	6100417		308	0	0.9	1.5
20130930	6100430		692	0	1.2	1.4
20130930	6200001		706	0	1.2	1.4
20130930	6200024		696	0	1.1	1.5
20130930	6200025		669	0	0.9	1.9
20130930	6200029		712	0	1.0	1.0
20130930	6200081		712	0	1.0	1.1
20130930	6200082		714	0	1.0	1.5
20130930	6200083		706	13	0.8	1.8
20130930	6200084		710	0	0.9	1.6
20130930	6200085		714	0	1.0	1.6
20130930	6200091		715	0	0.9	1.8
20130930	6200093		720	0	0.9	1.3
20130930	6200094		719	0	1.0	1.1
20130909	6200095		198	0	0.7	4.0
20130930	6200105		712	0	1.0	1.2
20130930	6200163		711	0	1.0	1.0
20130930	6400045		713	0	1.1	1.5
20130930	6400046		708	0	1.0	1.5
20130930	6600021		702	0	1.2	1.0
20130930	6600022		588	1	1.3	1.2
20130930	6600024		83	0	1.1	1.0

Comments on QC statistics :

In general, the networks performed very well in September...

Air pressure

1. Metocean buoys WMO **2500618** and **2500649**, deployed in the Arctic, reported wrong pressure values in September before the GTS transmission was stopped for this parameter. They are drifting at the boundary between sea ice and open ocean: a humid cold area. It is possible their air intake was closed by ice.
2. Metocean buoys WMO **2500650** and **2500651**, also deployed in the same area, reported a few wrong pressure values in September but not enough to stop the GTS transmission for this parameter. This was also the case for buoy WMO **6200556**.
3. Metocean buoys WMO **4400623** and **6400608** also reported wrong pressure values in September for unknown reason (first one) or after being beached on a small island in Lofoten archipelago (second one). The GTS transmission was stopped for this parameter.
4. Metocean buoy WMO **4400772** reported biased pressure values onto the GTS after it was beached in Ireland. The transmission was stopped a few days later.
5. Air pressure values reported by Italian moored buoy WMO **6100215** seem systematically biased for about 2 hPa.

Air temperature

6. Air temperature values reported by Spanish moored buoy WMO **6100197** seem systematically biased for about -3.5°C.

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 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.