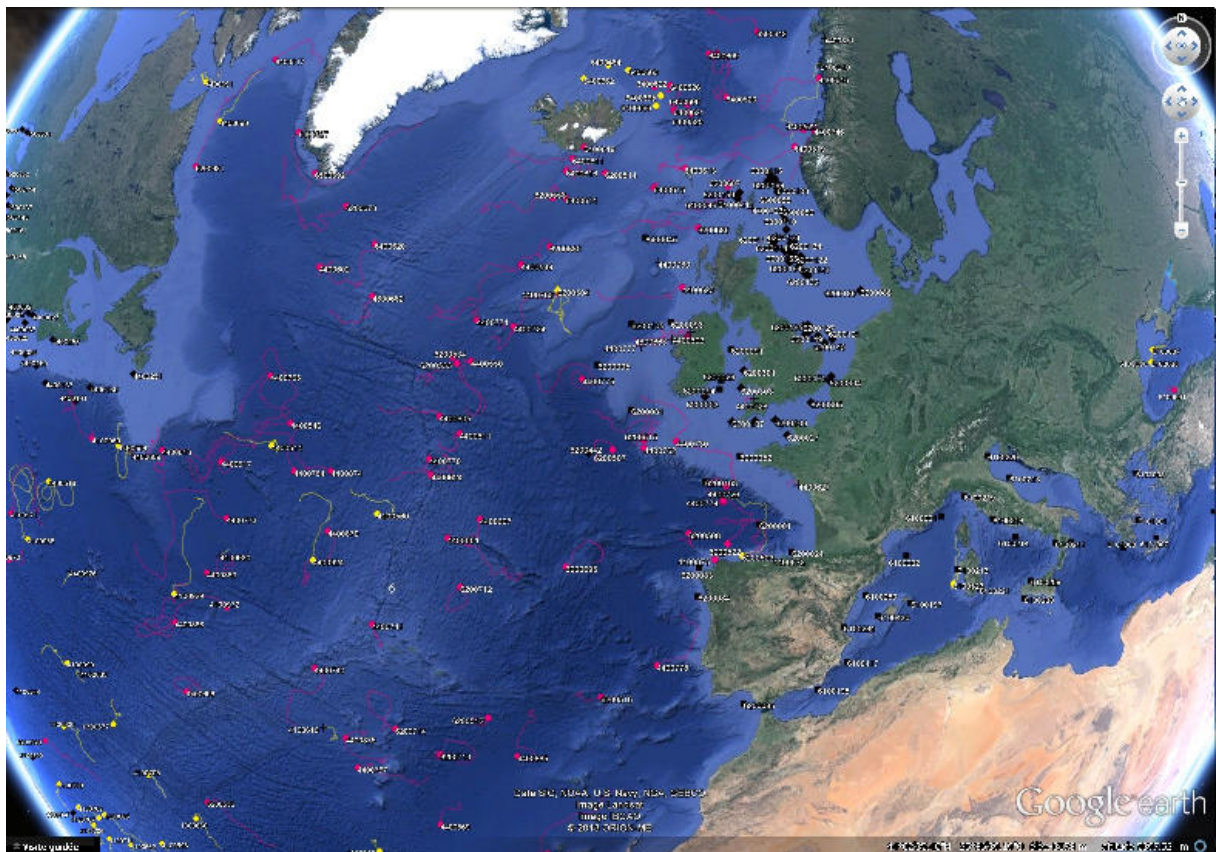


## DATA BUOY MONTHLY REPORT

November 2013



November 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](http://www.meteo.shom.fr/cartographie/data/kml/MeteoFrance_buoys_map_15.kmz)

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



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

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

By the end of November, **120 Drifting buoys**, reporting air pressure onto the GTS, were in operation in the frame of E-SURFMAR. Out of these, 91 were E-SURFMAR funded Iridium SVP-Bs, including 10 in the Arctic and 11 HRSST-2 buoys. The remaining buoys were: 25 Iridium drifters owned by NOAA and upgraded with barometers by E-SURFMAR and four Iridium buoys owned by an external partner, Marlin Yug in the Black Sea. E-SURFMAR is funding the communication for these latter : another opportunity to evaluate the products of this manufacturer and to have buoys in operation in the Black Sea.

These buoys include one which is beached in Iceland (WMO 6400619) but which reports reliable pressure data onto the GTS and two prototypes of Iridium SVP-Bs (WMO 6200507 and 6200508) built by DBI and owned by NOAA.

As usually in autumn and winter, the GTS data transmission had to be tuned between buoys reporting wrong air pressure data (transmission was switched off) and buoys reporting correct data back after a while (transmission was restored).

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)

Besides E-SURFMAR buoys, 44 drifting buoys were reporting at least air pressure or wind observations from the EUMETNET area of interest. Out of these, 6 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
6100687	11247960	YST	UA	20131120	44.3	33.3	Sebastopol	Unknown ship
6100688	11248970	YST	UA	20131120	44.2	33.3	Sebastopol	Unknown ship
6100690	11248990	YST	UA	20131120	44.2	33.3	Sebastopol	Unknown ship
6400615	60173700	MSB	EU	20131109	61.3	-12.0	Rotterdam	Selfoss
6400616	60178710	MSB	EU	20131110	62.7	-17.1	Rotterdam	Selfoss
6400662	11475110	MSB	EU	20131125	67.7	-18.8	Reykjavik	Brarni Saemundsson
6400663	60175810	MSB	EU	20131126	68.0	-12.7	Reykjavik	Brarni Saemundsson
6400664	60176710	MSB	EU	20131126	68.0	-15.8	Reykjavik	Brarni Saemundsson
6400665	60171710	MSB	EU	20131128	66.4	-9.5	Reykjavik	Brarni Saemundsson
6400666	60179710	MSB	EU	20131128	65.7	-9.6	Reykjavik	Brarni Saemundsson

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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
2500617	11540100	MSB	EU	720	-	-	X	X	-	-	-	X	-	-	-	T	0111-3011	74.05	-13.60	448
2500618	64244420	MSB	EU	720	-	-	X	X	S	-	-	X	-	-	-	T	0111-3011	79.33	112.35	96
2500619	60276270	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	84.36	93.11	94
2500622	11540110	MSB	EU	720	-	-	X	X	-	-	-	X	-	-	-	T	0111-3011	87.12	24.43	453
2500623	60174700	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	84.11	123.46	91
2500624	60247420	MSB	EU	721	-	-	X	X	S	-	-	X	-	-	-	T	0111-3011	84.13	116.68	92
2500648	60370080	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	81.03	121.44	83
2500650	60378060	MSB	EU	635	-	-	X	X	X	-	-	X	-	-	-	T	0411-3011	77.61	129.99	86
2500652	60176700	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	81.08	102.39	80
2600556	11549080	MSB	EU	720	-	-	X	X	-	-	-	X	-	-	-	T	0111-3011	78.93	-14.04	434
4100969	60213780	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	41.98	-54.94	115
4100970	60213790	PSB	UP	703	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	31.04	-60.32	114
4100971	60215900	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	33.88	-61.20	114
4100972	60217780	PSB	UP	712	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	37.85	-40.06	114
4400546	11160640	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	47.92	-38.62	256

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4400549	11025170	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	57.60	-22.76	664
4400550	11545160	MSB	E2	719	-	-	X	X	S	-	-	X	-	-	-	T	0111-3011	52.80	-25.77	256
4400551	11027150	MSB	EU	720	-	-	X	X	-	-	X	-	-	-	-	T	0111-3011	44.44	-25.71	664
4400602	11468700	MSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	55.51	-40.68	254
4400605	11473110	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	50.04	-27.49	204
4400606	11687410	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	32.10	-42.02	422
4400607	11474110	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	45.55	-23.68	205
4400611	11471110	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	49.38	-25.82	270
4400613	11475040	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	43.84	-48.30	270
4400616	11813550	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	65.91	11.47	678
4400617	11474100	MSB	EU	538	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	44.80	-43.16	269
4400623	11167640	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	56.58	-8.82	382
4400624	11341110	YBS	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	47.25	-27.42	355
4400724	13300270	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	54.64	-22.75	525
4400725	11027170	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	28.24	-18.54	526
4400726	11023190	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	47.17	-7.02	525
4400730	11846540	MSB	E2	720	-	-	X	X	-	-	X	-	-	-	-	T	0111-3011	49.43	-10.27	503
4400740	11883820	PSB	UP	721	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	36.44	-33.35	511
4400741	11688230	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	39.52	-29.96	435
4400746	13357510	MSB	EU	67	-	-	X	X	X	-	-	X	-	-	-	T	1011-3011	63.32	7.86	723
4400760	11880820	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	54.26	-8.81	509
4400762	11244970	YBS	EU	639	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	49.19	-12.56	350
4400763	11683410	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	56.41	-19.33	270
4400764	11688400	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	45.77	-37.38	247
4400765	11685410	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	49.75	-41.44	247
4400767	11919510	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	31.61	-29.97	674
4400769	60210790	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	30.68	-69.77	140
4400770	11798230	MSB	E2	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	47.98	-27.73	282
4400771	60507000	MSB	E2	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	54.75	-25.83	282
4400773	60211790	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	42.27	-41.53	140
4400774	11460700	MSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	46.48	-7.32	501
4400775	11540170	MSB	E2	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	52.39	-17.08	500
4400778	11463700	MSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	38.82	-12.12	498
4400863	60211690	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	39.12	-42.04	138
4400865	11022610	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	33.88	-20.39	650
4400868	11794230	MSB	E2	714	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	35.66	-43.69	207
4400869	11026040	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	29.26	-24.78	640
4400870	60210460	PSB	UP	716	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	43.47	-33.97	138
4400873	11022600	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	43.78	-8.20	624
4400874	60213460	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	46.33	-34.64	138
4400875	11021610	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	33.13	-30.85	624
4800662	10822620	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	54.90	-35.05	477
6100687	11247960	YST	UA	225	-	-	X	X	X	-	-	X	-	-	-	T	2111-3011	44.80	31.26	11
6100688	11248970	YST	UA	225	-	-	X	X	-	-	X	-	-	-	-	T	2111-3011	44.34	30.48	11
6100690	11248990	YST	UA	225	-	-	X	X	X	-	-	X	-	-	-	T	2111-3011	44.34	30.54	11
6100691	11249940	YST	UA	715	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	41.96	31.77	71
6200507	11288550	DSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	49.15	-14.80	216
6200508	10759040	DSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	45.12	-9.79	214
6200512	11687230	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	35.79	-22.23	207
6200514	60203700	MSB	E2	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	62.35	-15.46	282
6200515	11795230	MSB	E2	718	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	49.57	-12.58	282
6200516	11475100	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	37.26	-15.51	208
6200520	13611180	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	20.03	-55.05	662
6200522	11680430	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	44.46	-7.27	436
6200533	11684410	MSB	EU	55	-	-	X	X	X	-	-	X	-	-	-	T	0611-3011	52.61	-26.85	68
6200534	11683400	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	52.87	-27.26	67
6200553	11165650	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	61.00	-20.57	252
6200556	11021170	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	25.56	-39.88	634
6200678	11029050	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	58.76	-40.55	651
6200680	11166640	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	58.59	-20.40	379
6200681	11168640	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	57.16	-58.76	380
6200684	11882820	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	73.04	15.54	506
6200686	11845450	MSB	E2	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	59.40	-6.78	505
6200687	11349100	YBS	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	61.30	-3.26	359
6200695	60408990	MSB	E2	717	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	43.64	-17.83	208
6200712	11799220	MSB	E2	718	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	42.20	-24.54	208
6200713	11246980	YBS	EU	715	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	33.41	-24.97	354
6200714	11240980	YBS	EU	714	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	34.34	-27.81	351
6300551	11547410	MSB	UP	558	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	75.54	51.91	494
6300552	11548400	MSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	76.91	5.41	493
6300554	11549410	MSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	70.38	56.77	493
6300635	11477140	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	74.00	16.16	416
6300636	60278250	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	80.41	13.60	109
6300639	11471050	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	71.36	42.94	356
6300640	60172710	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	71.73	20.61	109
6300642	11548080	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	69.32	6.39	531

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6400516	11473100	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	70.85	11.90	417
6400517	11476100	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	64.10	-59.18	122
6400518	11472110	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	72.59	10.65	417
6400519	11547420	MSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	62.70	4.95	211
6400520	11479040	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	65.95	-0.92	204
6400521	11470030	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	74.10	6.99	202
6400522	11029150	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	63.47	6.67	663
6400525	60175710	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	65.27	-5.68	106
6400526	60175700	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	66.94	-7.46	106
6400527	11549160	MSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	61.37	-49.68	444
6400606	11478100	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	65.80	-5.81	388
6400607	11479100	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	68.48	-0.42	388
6400609	11379950	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	68.52	-1.50	203
6400611	11548420	MSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	63.05	-18.91	149
6400613	60174710	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	62.43	-7.24	91
6400614	60178700	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	61.02	-19.28	87
6400615	60173700	MSB	EU	442	-	-	X	X	X	-	-	X	-	-	-	T	1211-3011	61.56	-10.61	22
6400616	60178710	MSB	EU	442	-	-	X	X	X	-	-	X	-	-	-	T	1211-3011	62.40	-19.46	21
6400619	11544440	MSB	UP	408	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	63.68	-17.77	302
6400620	11756730	MSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	57.37	-36.39	548
6400621	60170720	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	65.55	-7.48	105
6400622	60172810	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	66.91	-9.48	107
6400623	11470040	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	71.62	8.90	203
6400662	11475110	MSB	EU	34	-	-	X	X	X	-	-	X	-	-	-	T	2911-3011	67.41	-18.28	6
6400663	60175810	MSB	EU	34	-	-	X	X	X	-	-	X	-	-	-	T	2911-3011	67.92	-12.58	5
6400664	60176710	MSB	EU	34	-	-	X	X	X	-	-	X	-	-	-	T	2911-3011	68.22	-15.20	5
6400665	60171710	MSB	EU	34	-	-	X	X	X	-	-	X	-	-	-	T	2911-3011	66.40	-8.82	3
6400666	60179710	MSB	EU	34	-	-	X	X	X	-	-	X	-	-	-	T	2911-3011	65.85	-9.52	3
6500592	11164650	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0111-3011	59.77	-45.33	380

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**Drifting buoys which ceased to be operational**

WMO	Telcom	Typ	Ow	End_Date	Lat	Lon	Age	Cause
2500616	11549100	MSB	EU	20131105	82.7	-3.5	423	Unknown
2500651	60568820	MSB	EU	20131113	78.7	97.2	66	Unknown
4400603	11540410	MSB	UP	20131116	54.4	-8.5	412	Ashore in Ireland
4400609	11686230	MSB	EU	20131121	42.7	-50.7	57	Unknown
4400627	11028170	MSB	EU	20131112	46.7	-1.9	586	Ashore in France
4400723	10825630	MSB	EU	20131127	60.0	-1.3	521	Ashore in Shetland Is.
4400728	11020190	MSB	EU	20131106	51.1	-4.2	502	Ashore in England
4400777	11885820	PSB	UP	20131105	53.9	-12.5	472	Battery
4400780	11880840	PSB	UP	20131106	57.9	-10.7	474	Battery
4400871	11025180	MSB	EU	20131101	67.9	15.4	609	Ashore in Norway
4400872	11027700	MSB	EU	20131129	43.4	-4.3	623	Ashore in Spain
4800663	10822640	MSB	EU	20131115	54.2	-10.1	462	Ashore in Ireland
6400524	10825640	MSB	EU	20131104	46.9	-49.3	498	Battery
6400610	11540440	MSB	UP	20131126	66.5	12.6	151	Ashore in Norway
6500594	11472050	MSB	EU	20131113	70.4	-63.4	73	Unknown

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**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
6500593	11371920	MSB	EU	609	-	-	-	-	X	-	-	-	-	-	-	T	0111-3011	68.25	-58.82	90

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

WMO	Telcom	Typ	Ow	End_Date	Lat	Lon	Age	Cause
4400684	12297120	MSB	CA	20131109	42.3	-29.1	230	Unknown
6300637	60276250	MSB	EU	20131104	80.2	0.0	82	Unknown

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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.

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**MOORED BUOYS**  
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Four Greek moored buoys have been reporting GTS data back since the 7<sup>th</sup> of November.

**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	628	X	X	X	X	X	X	X	-	-	X	-	T	0111-3011	43.40	7.80
<b>6100002</b>	<b>Lion</b>	<b>638</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>0111-3011</b>	<b>42.10</b>	<b>4.70</b>
6200001	Gascogne	719	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	45.30	-5.00
6200029	K1	425	S	S	S	S	S	S	S	-	-	S	-		0111-1911	48.70	-12.50
6200081	K2	591	X	X	X	X	-	X	-	-	-	X	-	O	0111-3011	51.00	-13.20
6200090	M1	-	-	-	-	-	-	-	-	-	-	-	-			53.10	-11.20
6200091	M2	712	X	X	X	-	-	X	-	-	-	X	-	O	0111-3011	53.50	-5.40
6200092	M3	-	-	-	-	-	-	-	-	-	-	-	-			51.20	-10.50
6200093	M4	716	X	X	X	-	X	X	-	-	-	-	-	O	0111-3011	54.70	-9.10
6200094	M5	716	X	X	X	-	X	-	-	-	-	X	-	O	0111-3011	51.70	-6.70
<b>6200095</b>	<b>M6</b>	<b>668</b>	<b>-</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>-</b>	<b>-</b>	<b>X</b>	<b>-</b>	<b>O</b>	<b>0111-3011</b>	<b>53.10</b>	<b>-15.90</b>
6200105	K4	718	X	X	X	X	X	X	-	-	-	X	-	O	0111-3011	55.80	-11.40
6200108	K3	-	-	-	-	-	-	-	-	-	-	-	-			53.50	-19.50
6200163	Brittany	720	X	X	X	X	X	X	X	-	-	X	-	O	0111-3011	47.50	-8.40
<b>6400045</b>	<b>K5</b>	<b>720</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>-</b>	<b>-</b>	<b>X</b>	<b>-</b>	<b>O</b>	<b>0111-3011</b>	<b>59.10</b>	<b>-11.70</b>
6400046	K7	718	X	X	X	-	X	X	-	-	-	X	-	O	0111-3011	60.70	-5.20

Comments:

- EUCOS moored buoys are presented in bold characters.

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**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	716	X	X	X	-	-	X	X	-	-	-	-	O	0111-3011	28.00	-16.58
6100196	C. Begur	-	-	-	-	-	-	-	-	-	-	-	-			41.92	3.65
6100197	Mahon	719	X	-	X	-	-	X	X	-	-	-	-	O	0111-3011	39.72	4.42
6100198	C. de Gata	474	X	X	X	-	X	X	X	-	-	-	X	O	1111-3011	36.57	-2.33
6100280	Tarragona	622	X	X	X	-	X	X	X	-	-	-	X	O	0111-3011	40.77	1.47
6100281	Valencia	719	X	X	X	-	X	X	X	-	-	-	X	O	0111-3011	39.47	-0.27
6100417	C. de Palos	704	X	X	X	-	X	X	X	-	-	-	X	O	0111-3011	37.65	-0.32
6100430	Dragonera	719	X	X	X	-	X	X	X	-	-	-	-	O	0111-3011	39.56	2.11
6200024	Bilbao-Visc.	651	X	X	X	-	X	X	X	-	-	-	X	O	0111-3011	43.63	-3.03
6200025	C. de Penas	663	X	X	X	-	X	X	X	-	-	-	X	O	0111-3011	43.73	-6.17
6200082	E. de Bares	284	X	X	X	-	X	X	X	-	-	-	X	O	1711-3011	44.13	-7.69
6200083	Villano-Sis.	720	X	X	X	-	X	X	X	-	-	-	X	O	0111-3011	43.48	-9.22
<b>6200084</b>	<b>C. Silleiro</b>	<b>544</b>	<b>X</b>	<b>X</b>	<b>X</b>	-	<b>X</b>	<b>X</b>	<b>X</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>X</b>	<b>O</b>	<b>0611-3011</b>	<b>42.12</b>	<b>-9.43</b>
6200085	G. de Cadiz	659	X	X	X	-	X	X	X	-	-	-	X	O	0111-3011	36.48	-6.97
0	Santander	-	-	-	-	-	-	-	-	-	-	-	-			43.84	-3.77

Comments:

- The EUCOS buoy is presented in bold characters.

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**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		284	-	-	X	-	X	X	-	-	-	-	-	O	0511-3011	37.44	15.15
6100208		713	-	-	X	-	X	X	-	-	-	-	-	O	0111-3011	37.52	12.53
6100209		1368	-	-	X	-	X	X	-	-	-	-	-	O	0111-3011	38.26	13.33
6100210		1133	-	-	X	-	X	X	-	-	-	-	-	O	0111-3011	39.02	17.22
6100211		1427	-	-	X	-	X	X	-	-	-	-	-	O	0111-3011	39.45	15.92
6100212		-	-	-	-	-	-	-	-	-	-	-	-			40.62	9.89
6100213		1415	-	-	X	-	X	X	-	-	-	-	-	O	0111-3011	40.55	8.11
6100214		1410	-	-	X	-	X	X	-	-	-	-	-	O	0111-3011	40.87	12.95



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6100215	1424	-	-	-	-	X	X	-	-	-	-	-	-	O	0111-3011	40.98	17.38
6100216	1208	-	-	X	-	X	X	-	-	-	-	-	-	O	0111-3011	42.24	11.55
6100218	760	-	-	X	-	X	X	-	-	-	-	-	-	O	0211-3011	43.83	13.72
6100219	1036	-	-	X	-	X	X	-	-	-	-	-	-	O	0811-3011	43.93	9.83
6100220	1064	-	-	X	-	X	X	-	-	-	-	-	-	O	0111-3011	45.33	12.52
6100221	1431	-	-	X	-	X	X	-	-	-	-	-	-	O	0111-3011	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		142	X	X	X	-	X	X	-	-	-	-	-	O	0711-3011	37.60	23.60
6101002			-	-	-	-	-	-	-	-	-	-	-			37.00	22.10
6101003		170	X	X	X	-	X	X	-	-	-	-	-	O	0711-3011	40.00	24.70
6101004			-	-	-	-	-	-	-	-	-	-	-			39.10	25.80
6101005			-	-	-	-	-	-	-	-	-	-	-			37.50	25.50
6101006			-	-	-	-	-	-	-	-	-	-	-			36.30	25.50
6101007		170	X	X	X	-	X	X	-	-	-	-	-	O	0711-3011	35.80	24.90
6101008		122	X	X	X	-	X	X	-	-	-	-	-	O	0811-3011	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	712	S	X	X	-	-	X	-	-	-	X	-	O	0111-3011	49.00	-16.40
6600021	Arkona Becken	698	X	X	-	-	X	-	-	-	-	-	-	O	0111-3011	54.90	13.90
6600022	Oder Bank	672	X	X	-	-	X	-	-	-	-	-	-	O	0111-3011	54.10	14.20
6600024	Darsser Schwell	348	X	X	-	-	X	-	-	-	-	-	-	O	0711-3011	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		479	-	X	-	-	X	-	-	-	-	X	-	L	0111-3011	11.49	-38.40
4100040	West Atlantic	716	X	X	X	X	X	X	-	-	-	X	-	O	0111-3011	14.50	-53.00
4100041	Mid. Atlantic	716	X	X	X	X	X	X	-	-	-	X	-	O	0111-3011	14.50	-46.00
4100043	Porto Rico	714	X	-	X	X	X	X	-	-	-	-	-	O	0111-3011	21.00	-65.00
4100044		718	X	X	X	X	X	X	-	-	-	-	-	O	0111-3011	21.70	-58.70
4100046		716	X	X	X	X	X	X	-	-	-	X	-	O	0111-3011	23.90	-70.90
4100047			-	-	-	-	-	-	-	-	-	-	-			27.50	-71.50
4100048		716	X	X	X	X	X	X	-	-	-	X	-	O	0111-3011	32.00	-69.60
4100049		716	X	X	X	X	X	X	-	-	-	-	-	O	0111-3011	27.50	-53.00
4100139		525	X	X	X	-	X	-	-	-	-	X	-	L	0111-3011	20.02	-37.86
4100300	Antilles	599	X	X	X	X	X	X	X	-	-	X	-	T	0111-3011	15.85	-57.47
4200059	Caraibes	719	X	X	X	X	X	X	-	-	-	-	-	O	0111-3011	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	663	X	X	S	-	X	X	-	-	-	-	-	O	0111-3011	42.30	-65.90
4400137	E Scotia Sl.	708	X	X	X	X	X	X	-	-	-	-	-	O	0111-3011	42.30	-62.00
4400138	SW Gd Banks		-	-	-	-	-	-	-	-	-	-	-			44.30	-53.60
4400139	Beanquereau	708	X	X	X	X	X	X	-	-	-	-	-	O	0111-3011	44.30	-57.10
4400140	Tail of Bk		-	-	-	-	-	-	-	-	-	-	-			43.80	-51.70
4400141	Larentian F	711	X	X	X	X	X	X	-	-	-	-	-	O	0111-3011	43.00	-58.00
4400150	La Have Bk	704	X	-	X	X	X	X	-	-	-	-	-	O	0111-3011	42.50	-64.00

**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, November 2013**

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20131105	2500616	11549100	98	0	0.0	0.2
20131130	2500617	11540100	720	0	-0.1	0.6
20131130	2500618	60244420	720	0	-0.2	0.5
20131130	2500619	60276270	720	0	0.0	0.7
20131130	2500622	11540110	720	0	-0.2	0.6
20131130	2500623	60174700	720	0	-0.0	0.4
20131130	2500624	60247420	721	0	0.2	0.4
20131130	2500648	60370080	720	0	0.1	0.5
20131130	2500650	60378060	635	0	-0.3	0.7
20131113	2500651	60568820	312	0	-0.5	0.6
20131130	2500652	60176700	720	0	0.0	0.5
20131130	2600556	11549080	720	0	-0.1	0.5
20131130	4100969	60213780	720	0	-0.5	0.6
20131130	4100970	60213790	703	0	0.2	0.6
20131130	4100971	60215900	720	0	0.1	0.6
20131130	4100972	60217780	712	0	0.1	0.4
20131130	4400546	11160640	720	0	-0.4	0.7
<b>20131130</b>	<b>4400549</b>	<b>11025170</b>	<b>312</b>	<b>20</b>	<b>-0.4</b>	<b>2.7</b>
20131130	4400550	11545160	719	0	0.3	0.6
20131130	4400551	11027150	720	0	-0.0	0.6
20131130	4400602	11468700	720	0	-0.1	0.8
20131116	4400603	11540410	362	0	-0.2	0.7
20131130	4400605	11473110	720	0	-0.3	0.5
20131130	4400606	11687410	720	0	-0.1	0.4
<b>20131130</b>	<b>4400607</b>	<b>11474110</b>	<b>624</b>	<b>31</b>	<b>-0.3</b>	<b>2.0</b>
<b>20131121</b>	<b>4400609</b>	<b>11686230</b>	<b>494</b>	<b>37</b>	<b>-0.4</b>	<b>0.6</b>
20131130	4400611	11471110	720	0	0.0	0.5
20131130	4400613	11475040	720	0	-0.3	0.6
20131130	4400616	11813550	720	0	-0.1	0.9
20131130	4400617	11474100	538	0	0.1	0.6
20131130	4400623	11167640	34	0	-0.0	0.4
20131130	4400624	11341110	718	0	-0.1	0.6
<b>20131112</b>	<b>4400627</b>	<b>11028170</b>	<b>278</b>	<b>0</b>	<b>-1.1</b>	<b>1.1</b>
20131127	4400723	10825630	640	0	0.3	0.8
20131130	4400724	13300270	720	0	-0.4	0.6
20131130	4400725	11027170	719	16	0.2	1.4
20131130	4400726	11023190	720	0	-0.6	0.7
20131106	4400728	11020190	140	2	-0.2	1.0
<b>20131130</b>	<b>4400730</b>	<b>11846540</b>	<b>720</b>	<b>32</b>	<b>0.1</b>	<b>1.4</b>
20131130	4400740	11883820	720	0	-0.1	0.3
20131130	4400741	11688230	720	0	-0.0	0.4
20131130	4400746	13357510	67	0	-0.4	0.5
20131130	4400760	11880820	720	0	0.0	0.5
20131130	4400762	11244970	639	0	-0.0	0.7
20131130	4400763	11683410	720	0	0.1	0.6
20131130	4400764	11688400	720	0	-0.4	0.6
20131130	4400765	11685410	720	0	-0.2	0.7
20131130	4400767	11919510	720	0	0.0	0.4
20131130	4400769	60210790	720	0	0.2	0.6
20131130	4400770	11798230	720	0	0.2	0.5
20131130	4400771	60507000	720	0	-0.1	0.7
20131130	4400773	60211790	720	0	-0.0	0.5
20131130	4400774	11460700	720	0	0.1	0.9
20131130	4400775	11540170	720	0	-0.3	0.6
20131105	4400777	11885820	105	0	-0.1	0.8
20131130	4400778	11463700	718	0	-0.3	0.5
20131106	4400780	11880840	24	0	0.0	0.3
20131130	4400863	60211690	720	0	0.1	0.5
20131130	4400865	11022610	720	0	0.7	0.7
20131130	4400868	11794230	714	0	0.2	0.4
20131130	4400869	11026040	720	0	0.2	0.4
20131130	4400870	60210460	716	0	-0.1	0.5

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<b>20131129</b>	<b>4400872</b>	<b>11027700</b>	<b>446</b>	<b>2</b>	<b>1.2</b>	<b>2.0</b>
20131130	4400873	11022600	720	0	0.3	0.7
20131130	4400874	60213460	720	0	-0.0	0.5
20131130	4400875	11021610	720	4	0.7	0.9
<b>20131130</b>	<b>4800662</b>	<b>10822620</b>	<b>720</b>	<b>0</b>	<b>1.3</b>	<b>1.0</b>
20131115	4800663	10822640	350	0	0.2	0.7
20131130	6100687	11247960	225	0	0.4	0.4
20131130	6100688	11248970	225	0	0.4	0.4
20131130	6100690	11248990	225	0	0.3	0.4
20131130	6100691	11249940	715	0	-0.0	0.4
20131130	6200507	11288550	720	0	0.3	0.5
20131130	6200508	10759040	717	0	0.7	0.6
20131130	6200512	11687230	720	0	-0.1	0.4
20131130	6200514	60203700	720	0	-0.2	0.7
20131130	6200515	11795230	718	0	0.0	0.5
20131130	6200516	11475100	720	0	0.0	0.5
20131130	6200520	13611180	719	0	0.2	0.6
20131130	6200522	11680430	720	0	-0.3	0.5
20131130	6200533	11684410	55	0	-0.3	0.8
20131130	6200534	11683400	720	0	-0.3	0.6
20131130	6200553	11165650	720	0	-0.0	1.2
20131130	6200556	11021170	719	0	0.3	0.6
20131130	6200678	11029050	720	0	-0.1	0.9
20131130	6200680	11166640	720	0	-0.3	0.6
20131130	6200681	11168640	720	0	-0.2	0.7
20131130	6200684	11882820	720	0	-0.4	0.7
20131130	6200686	11845450	720	0	-0.2	0.7
20131130	6200687	11349100	720	0	-0.1	0.7
20131130	6200695	60408990	717	0	0.1	0.5
20131130	6200712	11799220	718	0	0.0	0.6
20131130	6200713	11246980	715	0	-0.0	0.4
20131130	6200714	11240980	714	0	-0.0	0.4
20131130	6300551	11547410	558	4	-0.6	1.3
<b>20131130</b>	<b>6300552</b>	<b>11548400</b>	<b>442</b>	<b>35</b>	<b>-1.1</b>	<b>2.7</b>
20131130	6300554	11549410	720	0	-0.3	0.5
<b>20131130</b>	<b>6300635</b>	<b>11477140</b>	<b>408</b>	<b>50</b>	<b>-0.8</b>	<b>2.3</b>
20131130	6300636	60278250	720	13	-0.0	1.3
20131130	6300639	11471050	720	2	-0.3	0.9
20131130	6300640	60172710	720	0	0.9	1.1
20131130	6300642	11548080	720	0	-0.2	1.1
20131130	6400516	11473100	720	0	-0.2	0.9
20131130	6400517	11476100	720	15	-0.2	0.9
20131130	6400518	11472110	720	0	-0.2	0.8
20131130	6400519	11547420	720	0	-0.4	0.8
20131130	6400520	11479040	720	0	-0.2	0.9
20131130	6400521	11470030	720	0	-0.1	0.7
20131130	6400522	11029150	720	0	-0.2	0.7
20131130	6400525	60175710	720	0	-0.2	1.0
20131130	6400526	60175700	720	0	-0.1	0.9
20131130	6400527	11549160	720	0	-0.2	0.8
20131130	6400606	11478100	720	0	-0.2	0.9
20131130	6400607	11479100	720	0	-0.1	0.9
20131130	6400609	11379950	720	0	-0.2	0.9
<b>20131130</b>	<b>6400611</b>	<b>11548420</b>	<b>480</b>	<b>32</b>	<b>-0.5</b>	<b>1.7</b>
20131130	6400613	60174710	720	0	0.1	0.7
20131130	6400614	60178700	720	0	0.0	0.7
20131130	6400615	60173700	442	0	0.4	0.7
20131130	6400616	60178710	442	0	0.2	1.0
<b>20131130</b>	<b>6400619</b>	<b>11547420</b>	<b>408</b>	<b>34</b>	<b>-1.1</b>	<b>1.3</b>
20131130	6400620	11756730	720	16	-0.3	1.2
20131130	6400621	60170720	720	0	-0.1	0.9
20131130	6400622	60172810	720	0	-0.1	0.8
20131130	6400623	11470040	720	0	0.4	1.0
20131130	6400662	11475110	34	0	-0.5	1.0
20131130	6400663	60175810	34	0	-0.0	0.9
20131130	6400664	60176710	34	0	-0.5	0.9
20131130	6400665	60171710	34	0	-0.4	0.9
20131130	6400666	60179710	34	0	-0.3	0.8
20131130	6500592	11164650	720	0	-0.2	1.0

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**Air Pressure (hPa), moored buoys, November 2013**

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20131130	1200050		718	0	0.2	0.5
20131130	1300131		716	0	0.4	0.7
20131130	6100001		622	2	-0.5	0.7
20131130	6100002		629	1	-0.4	0.6
20131130	6100197		719	0	0.6	0.8
20131130	6100198		474	0	0.0	0.8
20131130	6100207		284	0	-1.1	0.7
20131130	6100208		713	0	-0.7	0.6
20131130	6100209		1368	0	-0.6	0.6
20131130	6100210		1133	0	0.9	0.7
20131130	6100211		1427	0	0.4	0.6
20131130	6100213		1415	0	0.8	0.6
20131130	6100214		1410	0	0.1	0.5
20131130	6100216		1208	0	-1.3	0.9
20131130	6100218		760	0	0.3	0.5
20131130	6100219		1036	0	-0.3	0.7
20131130	6100220		1064	0	-0.4	0.6
20131130	6100221		1431	0	-0.5	0.7
20131130	6100280		622	0	0.2	0.8
20131130	6100281		719	0	-0.2	0.8
20131130	6100417		704	0	0.3	0.7
20131130	6100430		719	0	0.1	0.7
20131130	6101001		114	0	0.4	0.7
20131130	6101003		170	0	0.8	0.6
20131130	6101007		170	0	0.1	0.6
20131130	6101008		121	0	-0.1	0.7
20131130	6200001		719	0	0.2	0.5
20131130	6200024		651	0	0.3	0.7
20131130	6200025		663	0	0.2	0.7
20131119	6200029		425	0	0.2	0.6
20131130	6200081		591	2	-0.1	0.7
20131130	6200082		284	0	0.3	0.6
20131130	6200083		720	0	0.3	0.7
20131130	6200084		544	0	0.4	0.6
20131130	6200085		659	0	0.5	0.7
20131130	6200091		712	0	-0.2	0.7
20131130	6200093		716	3	-0.2	0.7
20131130	6200094		716	0	-0.0	0.7
20131130	6200095		667	7	0.1	0.8
20131130	6200105		718	0	0.0	0.6
20131130	6200163		720	0	0.3	0.6
20131130	6400045		720	0	0.2	0.6
20131130	6400046		717	0	-0.2	1.0

**Air Temperature (C), moored buoys, November 2013**

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20131130	1300131		715	0	1.0	0.5
20131130	6100001		618	0	-0.6	0.9
20131130	6100002		633	1	-0.5	0.7
20131130	6100198		474	0	-0.5	0.6
20131130	6100280		622	0	0.0	0.8
20131130	6100281		719	0	-0.1	0.8
20131130	6100417		701	0	-0.4	0.6
20131130	6100430		717	0	-0.4	0.7
20131130	6101001		142	0	-0.1	0.7
20131130	6101003		170	0	0.1	0.5
20131130	6101007		169	0	-0.6	1.0
20131130	6101008		121	0	-0.4	1.2
20131130	6200001		719	0	-0.4	0.6
20131130	6200024		651	0	0.2	0.8
20131130	6200025		663	0	-0.4	0.8
20131119	6200029		425	0	-0.4	0.8
20131130	6200081		564	0	-0.2	0.6
20131130	6200082		284	0	-0.3	0.4
20131130	6200083		718	0	-0.1	0.5
20131130	6200084		543	0	0.2	0.6
20131130	6200085		659	0	-0.2	0.6
20131130	6200091		712	0	-0.0	0.5

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20131130	6200093	716	0	-0.3	0.6
20131130	6200094	716	0	0.7	0.6
20131130	6200095	607	0	-0.4	0.7
20131130	6200105	718	0	-0.5	0.6
20131130	6200163	720	0	-0.5	0.6
20131130	6400045	720	0	-0.6	0.7
20131130	6400046	718	0	-0.5	0.6
20131130	6600021	692	0	0.2	0.4
20131130	6600022	669	3	0.2	0.5
20131130	6600024	346	0	0.4	0.4

**Wind direction (deg.), moored buoys, November 2013**

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20131130	1300131		714	57	-1	27
20131130	6100001		611	26	-1	28
20131130	6100002		628	5	-10	16
20131130	6100197		712	7	-13	20
20131130	6100198		474	27	0	33
20131130	6100280		605	13	-8	24
20131130	6100281		701	26	3	31
20131130	6100417		688	19	-12	24
20131130	6100430		606	16	-9	25
20131130	6101001		140	10	3	29
20131130	6101003		169	26	-19	46
20131130	6101007		169	17	-16	31
20131130	6101008		122	3	0	33
20131130	6200001		719	1	-0	15
20131130	6200024		651	13	-5	24
20131130	6200025		661	30	5	28
20131119	6200029		422	34	-4	19
20131130	6200081		589	5	-2	17
20131130	6200082		283	36	4	28
20131130	6200083		717	15	8	18
20131130	6200084		543	7	2	19
20131130	6200085		656	5	-4	17
20131130	6200091		712	3	6	16
20131130	6200093		715	5	6	17
20131130	6200094		713	3	4	17
20131130	6200105		716	8	-0	16
20131130	6200163		715	0	-6	13
20131130	6400045		716	10	3	17
20131130	6400046		718	7	4	16
20131130	6600021		686	0	-2	14
20131130	6600022		665	6	-13	15
20131130	6600024		344	0	-1	11

**Wind speed rate, moored buoys, November 2013**

Datend	WMO	Telcom	Recvd	GE	Rate	Err
20131130	1300131		714	1	1.1	2.1
20131130	6100001		611	1	1.2	2.4
20131130	6100002		628	3	1.1	1.8
20131130	6100197		712	0	1.1	2.1
20131130	6100198		474	0	1.2	2.3
20131130	6100280		605	0	0.9	2.3
20131130	6100281		701	0	1.1	2.5
20131130	6100417		688	0	0.9	1.8
20131130	6100430		606	0	0.9	2.3
20131130	6101001		140	0	1.0	2.4
20131130	6101003		169	0	0.8	2.0
20131130	6101007		169	0	0.9	2.7
20131130	6101008		122	0	0.8	2.3
20131130	6200001		719	0	1.0	1.3
20131130	6200024		651	0	0.9	1.8
20131130	6200025		661	1	0.8	2.7
20131119	6200029		422	0	0.9	2.4
20131130	6200081		589	3	1.0	1.3
20131130	6200082		283	32	0.8	1.1
20131130	6200083		717	11	0.9	1.2
20131130	6200084		543	3	1.0	1.5

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20131130	6200085	656	0	1.0	1.3
20131130	6200091	712	0	0.9	1.9
20131130	6200093	715	0	1.0	1.8
20131130	6200094	713	0	1.0	1.5
20131130	6200105	716	0	1.0	1.4
20131130	6200163	715	0	1.0	1.3
20131130	6400045	716	19	1.0	1.4
20131130	6400046	718	1	1.0	1.7
20131130	6600021	686	3	1.2	1.3
20131130	6600022	665	1	1.2	1.1
20131130	6600024	344	0	1.1	1.1

### Comments on QC statistics :

#### Air pressure

1. The GTS data transmission of air pressure was stopped for Metocean buoys WMO **4400549**, **6300552**, **6300635** and **6400611**, after they were found unreliable. The buoys were rehabilitated later after the measurements came back correct (22<sup>nd</sup>, 29<sup>th</sup>, 29<sup>th</sup> and 22<sup>nd</sup> of November, respectively).
2. Metocean buoy WMO **4400730** temporarily reported some wrong pressure data onto the GTS in November but the transmission was not stopped.
3. Metocean buoy WMO **4400609** reported a few wrong pressure data before it stopped transmitting for an unknown reason.
4. Metocean buoys WMO **4400627** and **4400872** reported wrong pressure data after they were grounded, till the GTS transmission was stopped for them.

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).