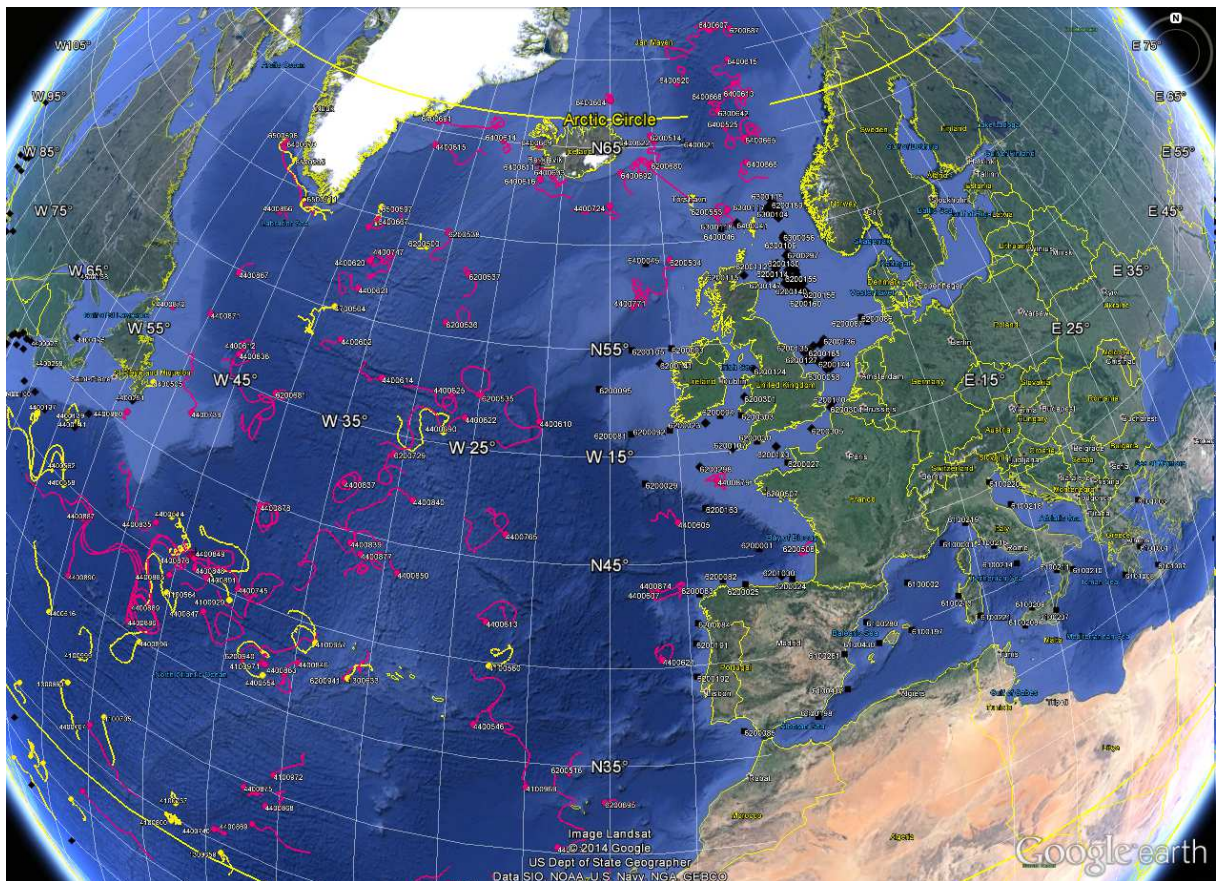


## DATA BUOY MONTHLY REPORT

June 2014



*June 2014 : 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)



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

By the end of June, **109 Drifting buoys**, reporting air pressure onto the GTS, were in operation in the frame of E-SURFMAR. Out of these, 74 were E-SURFMAR funded Iridium SVP-Bs, including 5 in the Arctic and 7 HRSST-2 buoys. The remaining buoys were: 35 Iridium drifters owned by NOAA and upgraded with barometers by E-SURFMAR.

These buoys included one, gently ashore, which reported reliable pressure onto the GTS from a Bahamas island: WMO 6200520.

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, 50 drifting buoys were reporting at least air pressure 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
4400739	61516840	MSB	EU	20140603	50.0	-50.0	Bremerhaven	Seefalke
4400864	61518870	MSB	EU	20140605	55.0	-45.0	Bremerhaven	Seefalke - Failed at deployment
4400866	11793240	MSB	E2	20140621	58.0	-46.6	Lisbon	Pourquoi Pas ?
4400867	11593590	MSB	EU	20140623	55.8	-48.1	Lisbon	Pourquoi Pas ?
4400871	11790240	MSB	E2	20140627	53.0	-51.1	Lisbon	Pourquoi Pas ?
4400872	60202920	MSB	EU	20140627	52.0	-53.8	Lisbon	Pourquoi Pas ?
4400891	12007220	PSB	UP	20140601	40.6	-45.5	Norfolk	Yantian Express
6200535	61660330	MSB	EU	20140606	53.0	-24.7	Lisbon	Pourquoi Pas ?
6200536	11599570	MSB	EU	20140609	50.5	-26.7	Lisbon	Pourquoi Pas ?
6200537	11791240	MSB	E2	20140609	57.0	-27.9	Lisbon	Pourquoi Pas ?
6200538	11460700	MSB	UP	20140610	58.6	-30.4	Lisbon	Pourquoi Pas ?
6200940	60203850	PSB	UP	20140602	39.8	-33.9	Norfolk	Yantian Express
6200941	61516840	PSB	UP	20140602	39.6	-30.5	Norfolk	Yantian Express
6500595	11595570	MSB	EU	20140617	59.0	-43.0	Cherbourg	Aventura IV
6500596	61511850	MSB	EU	20140619	61.0	-49.9	Cherbourg	Aventura IV
6500597	11595650	MSB	EU	20140617	59.5	-37.7	Lisbon	Pourquoi Pas ?
6500598	11792240	MSB	EU	20140625	53.2	-50.8	Lisbon	Pourquoi Pas ?

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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
2500618	60244420	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	83.23	88.78	308
2500619	60276270	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	84.15	33.39	306
2500624	60247420	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	87.20	33.43	304
2500648	60370080	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	86.27	73.59	295
2500652	60176700	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	83.26	73.33	298
4100969	60213780	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	33.73	-19.90	327
4100970	60213790	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	28.32	-64.57	326
4100971	60215900	PSB	UP	693	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	37.13	-36.98	326
4100972	60217780	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	31.15	-35.46	326
4400546	11160640	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	36.78	-23.20	468
4400602	11468700	MSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	53.71	-37.26	466
4400605	11473110	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	46.90	-10.37	416
4400610	61517860	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	51.56	-20.23	203
4400612	61511880	MSB	EU	690	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	51.60	-45.49	191
4400613	11475040	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	41.98	-22.84	482
4400614	61661340	MSB	EU	697	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	52.46	-32.97	62

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4400615	61666340	MSB	EU	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	64.22	-34.92	61
4400620	61667370	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	57.76	-37.14	61
4400621	61519840	MSB	EU	716	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	56.31	-37.27	142
4400622	61668320	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	51.37	-25.86	60
4400624	11341110	YSB	EU	707	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	40.42	-11.73	567
4400625	61668340	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	52.41	-27.18	60
4400724	13300270	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	61.97	-15.03	737
4400725	11027170	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	21.70	-50.56	738
4400739	61516840	MSB	EU	611	-	-	X	X	X	-	-	X	-	-	-	T	0506-3006	47.56	-47.69	28
4400740	11883820	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	25.86	-39.35	723
4400745	60899120	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	40.40	-39.90	202
4400747	61610060	MSB	EU	709	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	58.29	-35.35	188
4400765	11685410	MSB	EU	660	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	46.21	-22.02	459
4400767	11919510	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	27.54	-49.88	886
4400771	60507000	MSB	E2	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	57.04	-13.06	494
4400773	60211790	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	30.36	-18.00	352
4400835	60218770	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	41.53	-47.57	119
4400836	60218680	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	51.27	-45.59	119
4400837	60209490	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	47.21	-33.90	119
4400839	60205090	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	44.51	-32.58	119
4400840	60208710	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	47.17	-28.70	118
4400846	60441290	DSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	37.85	-34.72	156
4400847	60442280	DSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	38.43	-42.08	156
4400848	60448280	DSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	40.36	-43.44	155
4400863	60211690	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	37.05	-35.59	350
4400866	11793240	MSB	E2	184	-	-	X	X	X	-	-	X	-	-	-	T	2306-3006	58.52	-48.24	10
4400867	11593590	MSB	EU	137	-	-	X	X	X	-	-	X	-	-	-	T	2506-3006	54.86	-49.05	8
4400868	11794230	MSB	E2	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	29.02	-35.86	419
4400869	11026040	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	27.47	-36.68	852
4400871	11790240	MSB	E2	11	-	-	X	X	X	-	-	X	-	-	-	T	3006-3006	52.41	-49.79	4
4400872	60202920	MSB	EU	12	-	-	X	X	X	-	-	X	-	-	-	T	3006-3006	51.69	-53.78	4
4400874	60213460	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	43.85	-11.90	350
4400875	11021610	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	29.66	-37.41	836
4400876	60648350	DSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	40.84	-43.73	156
4400877	60526170	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	44.09	-31.70	147
4400878	60528170	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	44.80	-39.73	147
4400879	60554620	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	48.71	-7.42	146
4400880	60656880	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	45.72	-53.48	148
4400885	60218780	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	39.35	-45.34	32
4400886	60219900	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	35.62	-47.83	33
4400887	60251440	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	39.07	-54.09	34
4400888	60359010	PSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	40.90	-44.07	32
4400889	60203230	PSB	UP	677	-	-	X	X	X	-	-	X	-	-	-	T	0206-3006	36.53	-47.83	33
4400890	12000230	PSB	UP	648	-	-	X	X	X	-	-	X	-	-	-	T	0206-3006	35.48	-54.05	32
4400891	12007220	PSB	UP	677	-	-	X	X	X	-	-	X	-	-	-	T	0206-3006	40.20	-42.40	30
4400892	60018400	PSB	UP	659	-	-	X	X	X	-	-	X	-	-	-	T	0306-3006	38.16	-68.89	31
6200508	10759040	DSB	UP	713	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	44.81	-2.24	426
6200514	60203700	MSB	E2	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	65.63	-10.27	494
6200516	11475100	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	34.62	-17.40	420
6200520	13611180	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	23.96	-74.48	416
6200534	11683400	MSB	EU	636	-	-	X	X	X	-	-	X	-	-	-	T	0206-3006	59.18	-9.51	279
6200535	61660330	MSB	EU	562	-	-	X	X	X	-	-	X	-	-	-	T	0706-3006	52.47	-24.81	25
6200536	11599570	MSB	EU	490	-	-	X	X	X	-	-	X	-	-	-	T	1006-3006	55.64	-28.75	22
6200537	11791240	MSB	E2	490	-	-	X	X	X	-	-	X	-	-	-	T	1006-3006	58.09	-27.65	22
6200538	11460700	MSB	UP	442	-	-	X	X	X	-	-	X	-	-	-	T	1206-3006	59.98	-30.52	21
6200553	11165650	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	61.41	-3.28	464
6200680	11166640	MSB	EU	622	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	64.12	-10.47	591
6200681	11168640	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	50.26	-41.22	592
6200687	11349100	YSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	71.37	4.30	571
6200695	60408990	MSB	E2	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	33.04	-15.28	420
6200713	11246980	YSB	EU	715	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	26.17	-28.02	566
6200714	11240980	YSB	EU	709	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	27.28	-24.27	563
6200729	60207600	PSB	UP	720	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	49.14	-30.69	117
6200940	60203850	PSB	UP	632	-	-	X	X	X	-	-	X	-	-	-	T	0306-3006	36.92	-38.62	29
6200941	61516840	PSB	UP	603	-	-	X	X	X	-	-	X	-	-	-	T	0406-3006	37.81	-31.46	29
6300639	11471050	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	68.35	46.20	599
6300640	60172710	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	76.09	27.89	321
6300642	11548080	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	66.65	-1.55	743
6400516	11473100	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	73.14	5.33	629
6400520	11479040	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	68.51	-6.00	416
6400521	11470030	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	74.99	-0.82	414
6400525	60175710	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	65.71	-1.27	318
6400607	11479100	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	71.56	2.09	600
6400613	60174710	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	67.28	1.96	303
6400614	60178700	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	65.07	-27.32	299
6400615	60173700	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	69.53	1.97	234
6400616	60178710	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	63.23	-22.40	233
6400622	60172810	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	65.36	-9.88	319

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6400623	11470040	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	76.24	15.88	415
6400664	60176710	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	67.66	-14.94	217
6400665	60171710	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	64.97	0.74	215
6400666	60179710	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	63.70	0.06	215
6400667	61615060	MSB	EU	698	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	59.81	-37.86	187
6400668	60177860	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	67.52	0.16	191
6400669	60177710	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	64.99	-23.10	187
6400670	61513850	MSB	EU	700	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	61.83	-52.16	144
6400691	61514870	MSB	EU	712	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	65.49	-35.62	143
6400692	60172720	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	63.66	-13.82	130
6400693	60173720	MSB	EU	719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	63.47	-21.20	124
6500595	11595570	MSB	EU	325	-	-	X	X	X	-	-	X	-	-	-	T	1706-3006	61.20	-49.84	14
6500596	61511850	MSB	EU	278	-	-	X	X	X	-	-	X	-	-	-	T	1906-3006	61.98	-52.72	12
6500597	11595650	MSB	EU	418	-	-	X	X	X	-	-	X	-	-	-	T	1306-3006	60.47	-38.02	18

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

WMO	Telcom	Typ	Ow	End_Date	Lat	Lon	Age	Cause
2600556	11549080	MSB	EU	0106-2306	78.9	-14.0	639	Still Emits from time to time
4400607	11474110	MSB	EU	0106-2006	43.9	-12.6	407	Unknown
4400849	60640340	DSB	UP	0106-1606	41.2	-43.7	143	Unknown
4400870	60210460	PSB	UP	0106-2006	28.0	-15.8	340	Ashore in Canaria Is.
6200507	11288550	DSB	UP	0106-0206	47.9	-4.1	400	Picked up by fishermen off Brittany
6400518	11472110	MSB	EU	0106-2506	76.7	-3.6	624	Faded (battery empty)
6400611	11548420	MSB	UP	0106-2406	64.0	-22.7	355	Ashore in Iceland
6400621	60170720	MSB	EU	0106-0506	65.1	-6.5	292	Unknown

### ----- 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
4400850	60648340	DSB	UP	718	-	-	-	-	X	-	-	X	-	-	-	T	0106-3006	43.60	-28.99	156

### ----- Other operating drifting buoys inside the EUMETNET 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
1300633	109491	AOML		703	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	37.85	-31.30
1300659	11910180	UKMO		718	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	24.34	-38.87
1300660	11022040	UKMO		719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	29.12	-52.36
1300662	11098800	UKMO		719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	21.65	-31.49
1300664	11090810	UKMO		625	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	23.98	-32.20
1300972	13808440	LOCE		1370	-	-	-	-	X	-	-	X	-	-	X	T	0106-3006	16.18	-18.83
2500584	2500584	PSC		712	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	85.96	32.61
2600535	971540	PSC		706	-	X	X	X	-	-	-	-	-	-	-	O	0106-3006	81.94	19.44
3100859	61210560	LOCE		663	-	-	X	X	X	-	-	X	-	-	X	T	1706-3006	0.85	-46.32
3100862	61213570	LOCE		1439	-	-	X	X	X	-	-	X	-	-	X	T	0106-3006	3.39	-34.56
4100560	114550	AOML		713	-	-	X	-	-	-	-	X	-	-	-	L	0106-3006	39.85	-22.45
4100562	114558	AOML		245	-	-	X	-	X	-	-	X	-	-	-	L	1406-3006	35.74	-68.27
4100564	109221	AOML		711	-	-	X	-	X	-	-	X	-	-	-	L	0106-3006	38.39	-45.20
4100596	11473050	EUME		716	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	19.84	-51.97
4100632	11474050	EUME		719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	20.52	-55.04
4100705	11596570	AOML		718	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	28.88	-48.64
4100706	11595580	AOML		719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	21.26	-68.94
4100707	11590580	AOML		719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	19.66	-56.72
4100708	11585510	AOML		719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	23.61	-63.68
4100709	11598570	AOML		719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	25.18	-65.87
4100711	11477030	EUME		719	-	-	X	X	X	-	-	X	-	-	-	T	0106-3006	25.38	-57.72
4100736	60216450	LOCE		1439	-	-	X	X	X	-	-	X	-	-	X	T	0106-3006	16.52	-59.76
4100737	60342390	CMM		541	-	-	X	X	X	-	-	X	-	-	X	T	0106-3006	26.23	-42.27
4100800	60547830	CMM		678	-	-	X	X	X	-	-	X	-	-	X	T	0106-3006	24.75	-42.59
4100929	101720	AOML		690	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	39.64	-40.35
4100936	109488	AOML		318	-	-	X	X	X	-	-	X	-	-	-	L	0306-3006	28.37	-69.02
4100938	109437	AOML		706	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	30.19	-69.80
4100957	101718	AOML		712	-	-	X	X	-	-	-	X	-	-	-	L	0106-3006	39.16	-33.77
4100975				666	-	-	X	X	X	-	-	X	-	-	-	L	0206-3006	31.48	-63.11
4100999	114623	AOML		583	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	31.39	-51.43
4400505	98087	ICEP		793	-	-	X	X	X	-	-	S	-	-	-	L	0106-3006	47.88	-52.19
4400514	126483	AOML		718	-	-	X	X	X	-	-	X	-	-	-	L	0106-3006	42.26	-46.39



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**MOORED BUOYS**  
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**Former EGOS stations (K-pattern and Hydrosphere)**

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	
6100001	Cote d'Azur	717	X	X	X	X	X	X	X	-	-	X	-	T	0106-3006	43.40	7.80	
<b>6100002</b>	<b>Lion</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>T</b>	<b>0106-3006</b>	<b>42.10</b>	<b>4.70</b>	
6200001	Gascogne	693	X	X	X	X	X	X	-	-	-	X	-	O	0206-3006	45.30	-5.00	
6200029	K1	537	X	X	X	-	X	X	-	-	-	X	-	O	0606-3006	48.70	-12.50	
6200081	K2	693	X	X	X	X	X	X	-	-	-	X	-	O	0206-3006	51.00	-13.20	
6200090	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.10	-11.20	
6200091	M2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.50	-5.40	
6200092	M3	718	X	X	X	-	X	X	-	-	-	X	X	O	0106-3006	51.20	-10.50	
6200093	M4	719	X	X	X	-	X	X	-	-	-	-	-	O	0106-3006	54.70	-9.10	
6200094	M5	718	-	X	X	-	X	-	-	-	-	X	-	O	0106-3006	51.70	-6.70	
<b>6200095</b>	<b>M6</b>	<b>692</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>O</b>	<b>0206-3006</b>	<b>53.10</b>	<b>-15.90</b>
6200105	K4	691	X	X	X	X	X	X	-	-	-	X	-	O	0206-3006	55.80	-11.40	
6200108	K3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.50	-19.50	
6200163	Brittany	681	X	X	X	X	X	X	X	-	-	X	-	O	0206-3006	47.50	-8.40	
<b>6400045</b>	<b>K5</b>	<b>691</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>O</b>	<b>0206-3006</b>	<b>59.10</b>	<b>-11.70</b>	
6400046	K7	694	X	X	X	-	X	X	-	-	-	X	-	O	0206-3006	60.70	-5.20	

Comments:

- EUMETNET moored buoys are presented in bold characters.

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**Former 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	128	X	X	X	-	X	X	X	-	-	-	X	O	2306-3006	28.18	-15.82
1300131	Tenerife Sur	614	X	X	X	-	X	X	X	-	-	-	S	O	0106-3006	28.00	-16.58
6100196	C. Begur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.92	3.65
6100197	Mahon	532	X	X	X	-	X	X	X	-	-	-	-	O	0106-3006	39.72	4.42
6100198	C. de Gata	617	X	X	X	-	X	X	X	-	-	-	X	O	0106-3006	36.57	-2.33
6100280	Tarragona	630	X	X	X	-	X	X	X	-	-	-	X	O	0106-3006	40.77	1.47
6100281	Valencia	624	X	X	X	-	X	X	X	-	-	-	X	O	0106-3006	39.47	-0.27
6100417	C. de Palos	628	X	X	X	-	X	X	X	-	-	-	X	O	0106-3006	37.65	-0.32
6100430	Dragonera	621	X	X	X	-	X	X	X	-	-	-	-	O	0106-3006	39.56	2.11
6200024	Bilbao-Visc.	627	X	X	X	-	X	X	X	-	-	-	X	O	0106-3006	43.63	-3.03
6200025	C. de Penas	629	X	X	X	-	X	X	X	-	-	-	X	O	0106-3006	43.73	-6.17
6200082	E. de Bares	622	X	X	X	-	X	X	X	-	-	-	X	O	0106-3006	44.13	-7.69
6200083	Villano-Sis.	618	X	X	X	-	X	X	X	-	-	-	X	O	0106-3006	43.48	-9.22
<b>6200084</b>	<b>C. Silleiro</b>	<b>612</b>	<b>-</b>	<b>X</b>	<b>X</b>	<b>-</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>X</b>	<b>O</b>	<b>0106-3006</b>	<b>42.12</b>	<b>-9.43</b>
6200085	G. de Cadiz	627	X	X	X	-	X	X	X	-	-	-	X	O	0106-3006	36.48	-6.97
6201030	Santander	592	X	X	X	-	X	X	X	-	-	-	X	O	0106-3006	43.84	-3.77

Comments:

- The EUMETNET 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		185	-	-	S	-	S	S	-	-	-	-	-	-	0106-0506	37.44	15.15
6100208		1330	-	-	X	-	X	X	-	-	-	-	-	O	0106-3006	37.52	12.53
6100209		1395	-	-	X	-	X	X	-	-	-	-	-	O	0106-3006	38.26	13.33
6100210		1373	-	-	X	-	X	X	-	-	-	-	-	O	0106-3006	39.02	17.22
6100211		1384	-	-	X	-	X	X	-	-	-	-	-	O	0106-3006	39.45	15.92
6100212		-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.62	9.89
6100213		1391	-	-	X	-	X	X	-	-	-	-	-	O	0106-3006	40.55	8.11
6100214		1324	-	-	X	-	X	X	-	-	-	-	-	O	0106-3006	40.87	12.95
6100215		1393	-	-	-	-	X	X	-	-	-	-	-	O	0106-3006	40.98	17.38

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6100216	1334	-	-	X	-	X	X	-	-	-	-	-	O	0106-3006	42.24	11.55
6100218		-	-	-	-	-	-	-	-	-	-	-			43.83	13.72
6100219	1392	-	-	X	-	X	X	-	-	-	-	-	O	0106-3006	43.93	9.83
6100220	1339	-	-	X	-	X	X	-	-	-	-	-	O	0106-3006	45.33	12.52
6100221	1386	-	-	X	-	X	X	-	-	-	-	-	O	0106-3006	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		224	X	X	X	-	X	X	-	-	-	-	-	O	0106-3006	37.60	23.60
6101002			-	-	-	-	-	-	-	-	-	-	-			37.00	22.10
6101003		235	X	-	X	-	X	X	-	-	-	-	-	O	0106-3006	40.00	24.70
6101004			-	-	-	-	-	-	-	-	-	-	-			39.10	25.80
6101005			-	-	-	-	-	-	-	-	-	-	-			37.50	25.50
6101006			-	-	-	-	-	-	-	-	-	-	-			36.30	25.50
6101007		182	X	X	X	-	X	X	-	-	-	-	-	O	0106-3006	35.80	24.90
6101008		211	X	X	X	-	X	X	-	-	-	-	-	O	0106-3006	36.80	21.60
6101009			-	-	-	-	-	-	-	-	-	-	-			38.00	20.60

### ----- Other European moored buoys (operated by 3rd parties)

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
1200050	Cycofos	720	-	-	X	X	-	-	-	-	-	-	-	T	0106-3006	33.60	31.90
6100010	Italia-1		-	-	-	-	-	-	-	-	-	-	-			43.80	9.10
6200027	Jersey	238	X	-	X	X	-	X	-	-	-	-	-	O	0106-3006	49.08	-22.20
6200030	L4	703	X	X	X	-	X	-	-	-	-	X	-	O	0106-3006	50.25	-4.22
6200050	E1		-	-	-	-	-	-	-	-	-	-	-			50.04	-4.37
6200086	NSB II	8	X	X	X	X	X	-	-	-	-	X	-	O	2806-2806	55.00	6.40
6200087	NSB III	57	X	X	X	X	X	-	-	-	-	X	-	O	2806-3006	54.70	6.80
6200191	Porto	673	X	X	X	-	X	X	-	-	-	-	-	O	0106-3006	41.15	-9.57
6200192	Peniche	654	X	X	X	-	X	X	-	-	-	-	-	O	0106-3006	39.50	-9.65
6200303	Turbo Bank	298	S	S	S	-	-	S	-	-	-	S	-		0506-1806	51.60	-5.10
6200442	PAP		-	-	-	-	-	-	-	-	-	-	-			49.00	-16.40
6600021	Arkona Becken	669	X	X	-	-	X	-	-	-	-	-	-	O	0306-3006	54.90	13.90
6600022	Oder Bank	637	X	X	-	-	X	-	-	-	-	-	-	O	0306-3006	54.10	14.20
6600024	Darsser Schwell	671	X	X	-	-	X	-	-	-	-	-	-	O	0306-3006	54.70	12.70

### ----- Other offshore moored buoys inside the EUMETNET area

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
1300001		555	X	X	X	-	X	-	-	-	-	X	-	L	0106-3006	11.47	-23.00
1300008		429	X	S	X	-	X	-	-	-	-	S	-	L	0106-3006	14.98	-38.02
1300308	East Atlantic		-	-	-	-	-	-	-	-	-	-	-			15.00	-38.00
4100026		471	-	X	-	-	X	-	-	-	-	X	-	L	0106-3006	11.49	-38.40
4100040	West Atlantic	715	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	14.50	-53.00
4100041	Mid. Atlantic	704	X	X	X	X	X	X	-	-	-	-	-	O	0106-3006	14.50	-46.00
4100043	Porto Rico	709	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	21.00	-65.00
4100044		719	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	21.70	-58.70
4100046		717	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	23.90	-70.90
4100047			-	-	-	-	-	-	-	-	-	-	-			27.50	-71.50
4100048		719	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	32.00	-69.60
4100049		711	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	27.50	-53.00
4100139		558	X	X	X	-	X	-	-	-	-	X	-	L	0106-3006	20.02	-37.86
4100300	Antilles	271	S	S	S	S	S	S	-	-	-	S	-		0106-1206	15.85	-57.47
4200059	Caraibes	718	X	X	X	X	X	X	-	-	-	X	-	O	0106-3006	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	419	X	X	X	-	X	X	-	-	-	-	-	O	1106-3006	42.30	-65.90
4400137	E Scotia Sl.	719	X	X	X	X	X	X	-	-	-	-	-	O	0106-3006	42.30	-62.00
4400138	SW Gd Banks		-	-	-	-	-	-	-	-	-	-	-			44.30	-53.60
4400139	Beanquereau	633	X	X	X	X	X	X	-	-	-	-	-	O	0106-3006	44.30	-57.10
4400140	Tail of Bk		-	-	-	-	-	-	-	-	-	-	-			43.80	-51.70
4400141	Larentian F	712	X	X	X	X	X	X	-	-	-	-	-	O	0106-3006	43.00	-58.00
4400150	La Have Bk	715	X	X	X	X	X	X	-	-	-	-	-	O	0106-3006	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, July 2014

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20140630	2500618	60244420	719	0	-0.1	0.4
20140630	2500619	60276270	719	0	-0.1	0.3
20140630	2500624	60247420	719	0	0.1	0.3
20140630	2500648	60370080	719	0	-0.1	0.3
20140630	2500652	60176700	720	0	-0.1	0.3
20140623	2600556	11549080	457	0	-0.1	0.5
20140630	4100969	60213780	720	0	-0.3	0.3
20140630	4100970	60213790	720	0	0.3	0.5
20140630	4100971	60215900	693	0	-0.0	0.3
20140630	4100972	60217780	720	0	0.1	0.3
20140630	4400546	11160640	719	0	-0.1	0.3
20140630	4400602	11468700	719	0	-0.3	0.4
20140630	4400605	11473110	719	0	-0.4	0.4
20140620	4400607	11474110	386	0	-0.1	0.4
20140630	4400610	61517860	719	0	0.4	0.5
20140630	4400612	61511880	690	0	-0.1	0.4
20140630	4400613	11475040	719	0	-0.4	0.4
20140630	4400614	61661340	697	0	0.8	0.4
20140630	4400615	61666340	720	0	-0.4	0.4
20140630	4400620	61667370	719	0	0.3	0.4
20140630	4400621	61519840	716	0	0.3	0.5
20140630	4400622	61668320	719	0	0.3	0.5
20140630	4400624	11341110	707	0	-0.2	0.4
20140630	4400625	61668340	718	0	0.2	0.5
20140630	4400724	13300270	719	0	-0.5	0.3
20140630	4400725	11027170	719	0	0.2	0.5
20140630	4400739	61516840	611	0	0.2	0.4
20140630	4400740	11883820	720	0	-0.1	0.4
20140630	4400745	60899120	719	0	-0.1	0.3
20140630	4400747	61610060	709	0	-0.1	0.4
20140630	4400765	11685410	660	0	0.2	0.4
20140630	4400767	11919510	719	0	0.0	0.4
20140630	4400771	60507000	719	0	-0.0	0.4
20140630	4400773	60211790	720	0	0.2	0.3
20140630	4400835	60218770	720	0	-0.4	0.6
20140630	4400836	60218680	720	0	-0.1	0.3
20140630	4400837	60209590	720	0	-0.2	0.5
20140630	4400839	60205090	720	0	-0.1	0.3
20140630	4400840	60208710	720	0	0.0	0.4
20140630	4400846	60441290	719	0	0.4	0.3
20140630	4400847	60442280	718	0	0.3	0.3
20140630	4400848	60448280	718	0	0.1	0.4
20140616	4400849	60640340	360	0	-0.0	0.5
20140630	4400876	60648350	719	0	0.4	0.3
20140630	4400863	60211690	720	0	0.0	0.3
20140630	4400866	11793240	184	0	-0.4	0.6
20140630	4400867	11593590	137	0	-0.4	0.5
20140630	4400868	11794230	719	0	0.2	0.3
20140630	4400869	11026040	719	0	0.3	0.3
<b>20140620</b>	<b>4400870</b>	<b>60210460</b>	<b>454</b>	<b>1</b>	<b>-1.4</b>	<b>1.6</b>
20140630	4400871	11790240	11	0	-0.5	0.3
20140630	4400872	60202920	12	0	-0.6	0.2
20140630	4400874	60213460	720	0	0.2	0.4
20140630	4400875	11021610	719	0	0.5	0.3
20140630	4400876	60648350	719	0	0.4	0.3
20140630	4400877	60526170	720	0	-0.2	0.4
20140630	4400878	60528170	720	0	-0.2	0.4
20140630	4400879	60554620	720	0	-0.0	0.4
20140630	4400880	60556880	720	0	-0.2	0.5
20140630	4400885	60218780	720	0	-0.3	0.5
20140630	4400886	60219900	720	0	-0.0	0.4
20140630	4400887	60251440	720	0	-0.1	0.5
20140630	4400888	60359010	719	0	-0.2	0.4

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20140630	4400889	60202320	677	0	-0.1	0.4
20140630	4400890	12000230	648	0	-0.1	0.4
20140630	4400891	12007220	677	0	-0.3	0.4
20140630	4400892	60018400	659	0	0.1	0.5
20140602	6200507	11288550	35	0	-0.5	0.6
20140630	6200508	10759040	713	0	0.4	0.5
20140630	6200514	60203700	719	0	-0.1	0.4
20140630	6200516	11475100	719	0	0.1	0.3
20140630	6200520	13611180	719	0	0.3	0.7
20140630	6200534	11683400	636	0	-0.3	0.3
20140630	6200535	61660330	562	0	0.1	0.4
20140630	6200536	11599570	490	0	-0.3	0.3
20140630	6200537	11791240	490	0	-0.3	0.4
20140630	6200538	11460700	442	0	0.0	0.3
20140630	6200553	11165650	719	0	0.0	0.3
20140630	6200680	11166640	622	0	-0.4	0.4
20140630	6200681	11168640	719	0	-0.4	0.4
20140630	6200687	11349100	717	0	-0.0	0.3
20140630	6200695	60408990	719	0	0.1	0.4
20140630	6200713	11246980	715	0	-0.0	0.3
20140630	6200714	11240980	709	0	-0.1	0.3
20140630	6200729	60207600	720	0	-0.0	0.4
20140630	6200940	60203850	632	0	-0.0	0.3
20140630	6200941	60207590	603	0	-0.0	0.3
<b>20140630</b>	<b>6300639</b>	<b>11471050</b>	<b>719</b>	<b>40</b>	<b>-0.5</b>	<b>1.5</b>
20140630	6300640	60172710	719	0	0.0	0.4
20140630	6300642	11548080	719	0	0.2	0.3
20140630	6400516	11473100	719	0	-0.2	0.3
20140625	6400518	11472110	590	0	-0.2	0.4
20140630	6400520	11479040	719	0	-0.2	0.3
20140630	6400521	11470030	719	0	-0.1	0.3
20140630	6400525	60175710	719	0	-0.1	0.3
20140630	6400607	11479100	719	0	-0.0	0.3
<b>20140624</b>	<b>6400611</b>	<b>11548420</b>	<b>558</b>	<b>0</b>	<b>-1.3</b>	<b>1.7</b>
20140630	6400613	60174710	719	0	0.0	0.2
20140630	6400614	60178700	719	0	-0.1	0.3
20140630	6400615	60173700	719	0	0.4	0.3
20140630	6400616	60178710	719	0	0.2	0.3
20140605	6400621	60170720	115	0	-0.0	0.3
20140630	6400622	60172810	719	0	-0.1	0.3
20140630	6400623	11470040	719	0	-0.2	0.3
20140630	6400664	60176710	719	0	-0.1	0.3
20140630	6400665	60171710	719	0	0.2	0.3
20140630	6400666	60179710	719	0	0.3	0.3
20140630	6400667	61615060	698	0	0.1	0.5
20140630	6400668	60177860	719	0	0.2	0.3
20140630	6400669	60177710	711	0	-0.1	0.4
20140630	6400670	61513850	700	0	0.2	0.4
20140630	6400691	61514870	712	0	0.5	0.4
20140630	6400692	60172720	719	0	0.2	0.3
20140630	6400693	60173720	719	0	0.2	0.4
20140630	6500595	11595570	325	0	-0.6	0.5
20140630	6500596	61511850	278	0	0.2	0.5
20140630	6500597	11595650	418	0	-0.3	0.3

### Air Pressure (hPa), moored buoys, July 2014

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20140630	1200050		720	0	0.2	0.5
20140630	1300130		128	0	0.7	0.4
20140630	1300131		614	0	0.3	0.5
20140630	6100001		717	0	-0.2	0.4
20140630	6100002		718	0	0.1	0.5
20140630	6100197		532	0	0.8	0.7
20140630	6100198		617	0	0.2	0.6
20140605	6100207		185	0	0.3	0.6
<b>20140630</b>	<b>6100208</b>		<b>1330</b>	<b>0</b>	<b>-1.0</b>	<b>0.5</b>
20140630	6100209		1395	0	-0.6	0.6
<b>20140630</b>	<b>6100210</b>		<b>1373</b>	<b>0</b>	<b>1.1</b>	<b>0.6</b>
20140630	6100211		1384	0	0.5	0.5
<b>20140630</b>	<b>6100213</b>		<b>1391</b>	<b>0</b>	<b>1.3</b>	<b>0.4</b>
20140630	6100214		1324	0	0.2	0.7
20140630	6100216		1334	0	0.4	0.5
20140630	6100219		1392	0	-0.2	0.5
20140630	6100220		1339	0	0.4	0.5

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20140630	6100221	1386	0	-0.4	0.5
20140630	6100280	630	0	0.6	0.6
20140630	6100281	624	0	0.4	0.6
20140630	6100417	628	0	0.5	0.6
20140630	6100430	621	0	0.3	0.6
20140630	6101001	224	0	0.7	0.6
<b>20140630</b>	<b>6101003</b>	<b>235</b>	<b>0</b>	<b>1.1</b>	<b>0.6</b>
20140630	6101007	182	0	0.3	0.6
20140630	6101008	211	0	0.3	0.8
20140630	6200001	693	0	0.2	0.4
20140630	6200024	627	0	0.4	0.6
20140630	6200025	629	0	0.4	0.6
20140630	6200027	237	0	-0.1	0.5
20140630	6200029	537	0	0.0	0.5
20140630	6200030	703	0	-0.0	0.4
20140630	6200081	693	0	0.1	0.5
20140630	6200082	622	0	0.4	0.5
20140630	6200083	618	0	0.4	0.6
20140630	6200084	612	0	0.6	0.5
20140630	6200085	627	0	0.5	0.5
20140630	6200087	57	0	-0.0	0.2
20140630	6200092	718	0	-0.2	0.4
20140630	6200093	719	0	0.0	0.3
20140630	6200094	718	0	0.0	0.3
<b>20140630</b>	<b>6200095</b>	<b>692</b>	<b>14</b>	<b>-0.1</b>	<b>0.7</b>
20140630	6200105	691	0	0.2	0.4
20140630	6200163	681	0	0.2	0.4
20140630	6200191	673	0	0.8	0.4
20140630	6200192	654	0	0.7	0.4
20140618	6200303	298	0	-0.2	0.5
20140630	6400045	691	0	0.2	0.3
20140630	6400046	694	0	0.3	0.4

**Air Temperature (C), moored buoys, July 2014**

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20140630	1300130		128	0	-1.4	0.3
20140630	1300131		614	0	1.0	0.6
20140630	6100001		717	0	-0.1	1.0
20140630	6100002		719	0	-0.2	0.6
<b>20140630</b>	<b>6100197</b>		<b>353</b>	<b>1</b>	<b>2.4</b>	<b>4.7</b>
20140630	6100198		617	0	0.3	1.2
20140630	6100280		628	0	0.2	0.8
20140630	6100281		624	0	-0.0	0.9
20140630	6100417		626	0	0.1	0.5
20140630	6100430		620	0	-0.0	0.6
20140630	6101001		224	0	0.5	0.9
20140630	6101007		182	0	0.6	1.1
20140630	6101008		211	0	0.4	1.1
20140630	6200001		693	0	-0.2	0.5
20140630	6200024		627	0	0.7	0.7
20140630	6200025		629	0	0.0	0.7
20140630	6200029		537	0	0.3	0.8
20140630	6200030		703	0	-0.5	0.7
20140630	6200081		693	0	-0.0	0.6
20140630	6200082		613	0	0.0	0.5
20140630	6200083		616	0	-0.4	0.5
20140630	6200084		612	0	0.2	0.7
20140630	6200085		627	0	-0.1	0.9
20140630	6200087		57	0	-0.2	0.3
20140630	6200092		718	0	0.1	0.5
20140630	6200093		719	0	0.3	0.5
20140630	6200094		718	0	0.8	0.6
20140630	6200095		674	0	0.2	0.7
20140630	6200105		691	0	0.1	0.5
20140630	6200163		663	0	-0.1	0.5
20140630	6200191		673	0	0.1	0.6
20140630	6200192		654	0	0.1	0.5
20140618	6200303		298	0	0.3	0.5
20140630	6400045		691	0	0.0	0.5
20140630	6400046		694	0	0.3	0.7
20140630	6600021		669	0	0.2	0.7
20140630	6600022		637	2	0.5	0.8
20140630	6600024		671	0	0.3	1.0

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**Wind direction (deg.), moored buoys, July 2014**

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20140630	1300130		128	0	4	13
20140630	1300131		610	105	12	37
20140630	6100001		716	91	-3	34
20140630	6100002		665	11	-5	20
20140630	6100197		523	24	-16	28
20140630	6100198		487	61	-175	29
20140630	6100280		611	43	-5	38
20140630	6100281		604	64	0	37
20140630	6100417		623	22	-7	24
20140630	6100430		616	46	-5	34
20140630	6101001		221	35	-8	40
20140630	6101003		235	40	-11	45
20140630	6101007		182	14	-8	39
20140630	6101008		211	21	4	30
20140630	6200001		693	10	-1	22
20140630	6200024		605	37	-4	30
20140630	6200025		580	35	3	34
20140630	6200027		201	9	-6	37
20140630	6200029		537	9	3	17
20140630	6200030		481	20	6	31
20140630	6200081		692	4	-4	18
20140630	6200082		619	88	-62	47
20140630	6200083		615	15	0	22
20140630	6200085		626	29	-8	24
20140630	6200087		57	0	22	23
20140630	6200092		717	8	0	21
20140630	6200093		719	4	3	16
20140630	6200095		652	13	1	18
20140630	6200105		687	2	-1	17
20140630	6200163		680	3	-6	11
20140630	6200191		671	9	-1	20
20140630	6200192		653	5	2	17
20140618	6200303		298	7	-1	28
20140630	6400045		691	7	1	15
20140630	6400046		691	15	3	22
20140630	6600021		669	35	-0	24
20140630	6600022		636	17	-13	24
20140630	6600024		669	17	-7	24

**Wind speed rate, moored buoys, July 2014**

Datend	WMO	Telcom	Recvd	GE	Rate	Err
20140630	1300130		128	0	1.0	1.0
20140630	1300131		610	2	1.2	3.1
20140630	6100001		716	1	1.2	1.8
20140630	6100002		665	0	1.0	1.6
20140630	6100197		523	0	1.1	1.4
20140630	6100198		487	133	0.9	2.5
20140630	6100280		611	0	1.2	1.3
20140630	6100281		604	0	1.4	1.8
20140630	6100417		623	0	1.0	1.5
20140630	6100430		616	0	1.6	1.6
20140630	6101001		221	0	1.3	1.9
20140630	6101003		235	0	1.4	2.4
20140630	6101007		182	0	0.0	0.0
20140630	6101008		211	0	1.0	1.9
20140630	6200001		693	0	1.1	1.6
20140630	6200024		605	0	1.1	1.6
20140630	6200025		580	0	1.0	2.9
20140630	6200027		201	0	1.0	1.3
20140630	6200029		537	0	1.1	1.1
20140630	6200030		481	0	1.1	1.6
20140630	6200081		692	0	1.1	1.2
20140630	6200082		619	17	1.0	1.9
20140630	6200083		615	0	0.8	1.7
20140630	6200085		626	0	1.0	1.4
20140630	6200087		57	0	0.3	6.7
20140630	6200092		717	0	1.1	1.6
20140630	6200093		719	0	1.0	1.1

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20140630	6200095	640	0	1.1	1.3
20140630	6200105	687	0	1.1	1.2
20140630	6200163	680	0	1.0	1.0
20140630	6200191	671	0	1.1	1.3
20140630	6200192	653	0	2.0	1.1
20140618	6200303	298	0	1.0	1.2
20140630	6400045	691	0	1.1	0.9
20140630	6400046	691	0	1.2	1.2
20140630	6600021	669	0	1.3	1.5
20140630	6600022	636	1	1.3	1.2
20140630	6600024	669	0	1.2	1.3

### Comments on QC statistics :

#### Air pressure

1. Metocean buoys WMO **4400870** and **6400611** reported bias positions after having been brought ashore in Gran Canaria and Iceland, respectively, before the GTS transmission was stopped for them.
2. Metocean buoy WMO **6300639** temporarily reported wrong pressure data onto the GTS in June but not enough for having the transmission stopped for this parameter.
3. Systematic biases of about 1.2 hPa in absolute values have been seen on Italian moored buoys WMO **6100208**, **6100210** and **6100213**. Pressure values reported by Greek buoy WMO **6101003** seem also systematically biased for about 1.0 hPa.
4. Irish moored buoy M6 (WMO **6200095**) reported a few (14) wrong pressure values or positions in June.

#### Air temperature

5. Air temperature measurements were corrected for Spanish moored buoy WMO **6100197** on June 2<sup>rd</sup>. They had been wrong before.

#### Wind

6. Since the beginning of June, Spanish moored buoy WMO **6100198** reported wind directions opposite that what they should be. Some odd calm winds were also observed at the end of the month.
7. Greek moored buoy WMO **6101007** has been reporting abnormal calm winds onto the GTS.
8. Wind data measurements failed on German moored buoy NSB III (WMO **6200087**) less than 24 hours after its re-installation.

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/tr/surfmar/others/e-surfmar\\_monitoring.pdf](http://esurfmar.meteo.fr/doc/tr/surfmar/others/e-surfmar_monitoring.pdf).