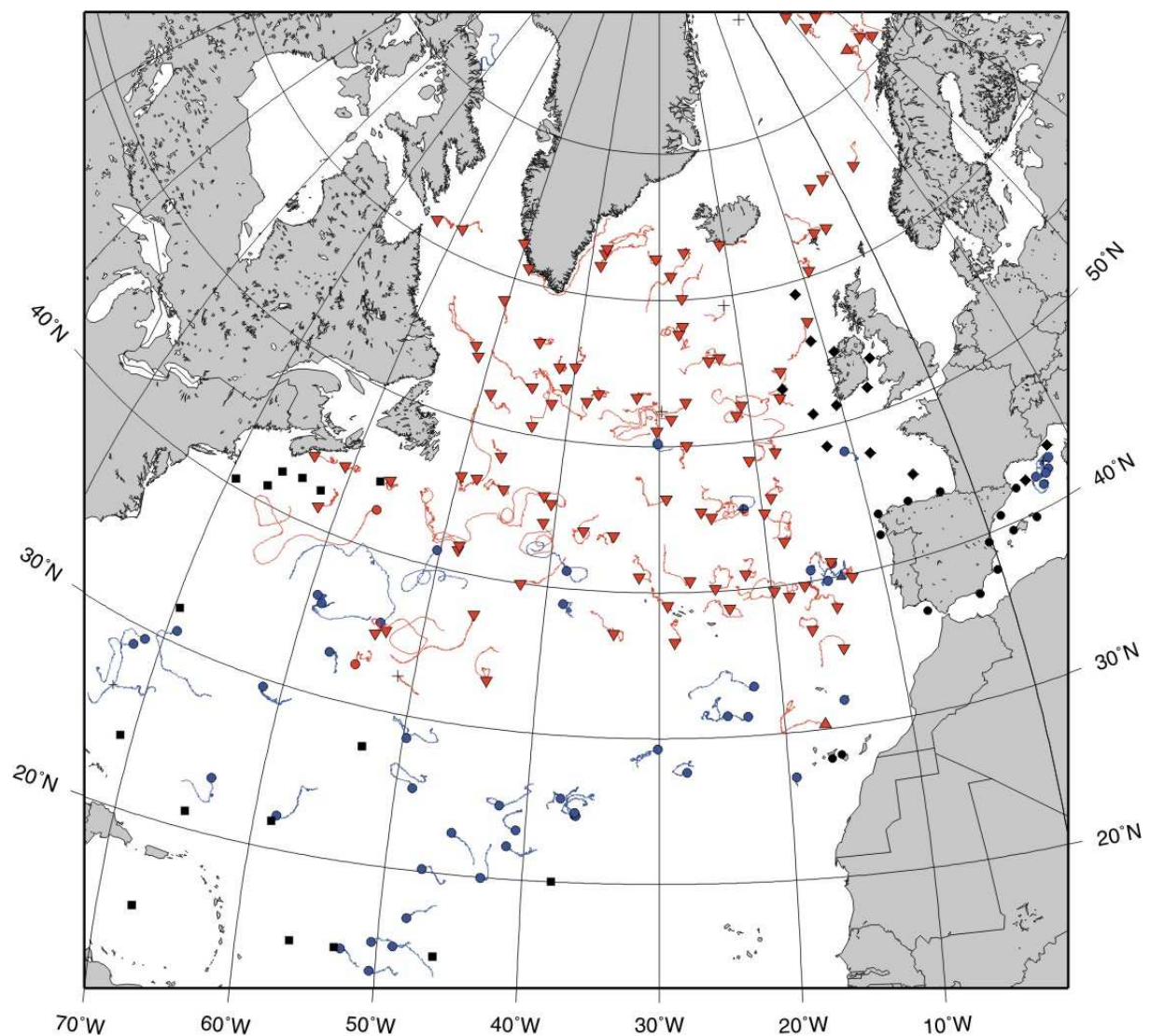
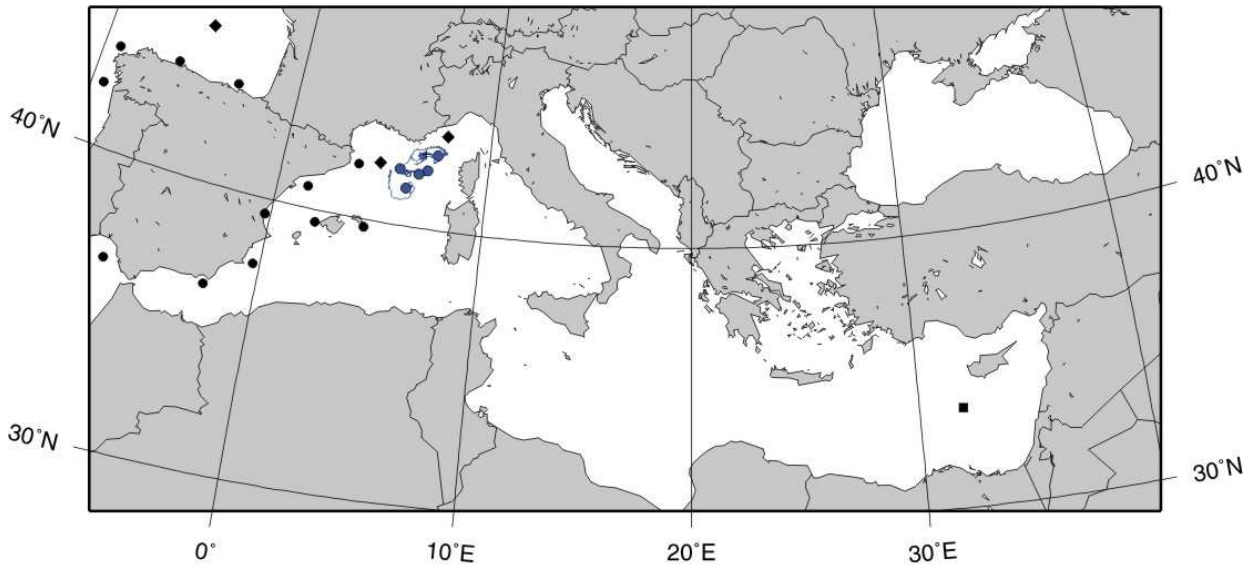


## DATA BUOY MONTHLY REPORT

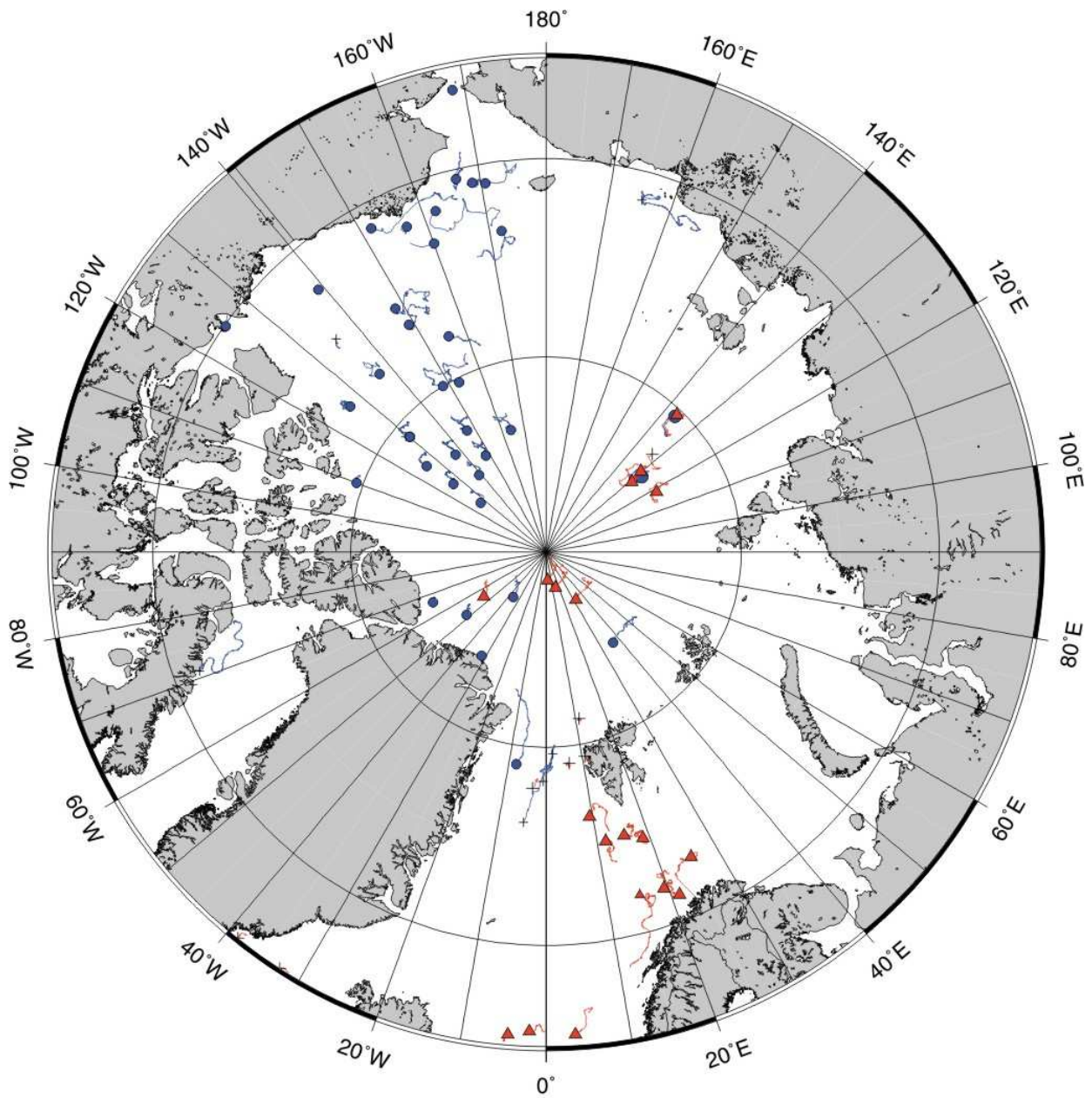
October 2012



October 2012 - Operating data buoys in the North Atlantic  
Drifting buoy trajectories: E-SURFMAR (red), others (blue)  
Moored buoy positions (black)



October 2012 - Operating data buoys in the Mediterranean Sea  
Drifting buoy trajectories and moored buoy positions



October 2012 - Drifting buoy trajectories in Arctic Ocean and adjacent seas: E-SURFMAR (red), others (blue)

-----  
**DRIFTING BUOYS**  
-----

**Network status**

By the end of October, **102 drifting buoys**, reporting air pressure or wind at least onto the GTS, were in operation in the EUCOS area, in the frame of E-SURFMAR. Out of the buoys in operation, 69 were E-SURFMAR funded Iridium SVP-Bs, including 6 HRSST-2 buoys. These latter are fitted with accurate digital SST probes. The remaining buoys were 6 Argos and 24 Iridium drifters owned by NOAA and upgraded with barometers by E-SURFMAR, and 3 Iridium drifters operated by Environment Canada.

In addition, one ICEB buoy deployed by RV Polarstern in summer 2011 and 8 SVP-B drifters deployed by the same ship this year were in operation at the end of the month.

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

The GTS data transmission of Iridium buoys - ensured by Meteo-France -, did not suffer from any other interruption or delay in October.

Besides E-SURFMAR buoys, 53 drifting buoys was reporting at least air pressure or wind observations from the EUCOS area of interest, including seven in the western Mediterranean Sea for HyMeX. Out of the 53, seventeen 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
4400601	11565080	MSB	UP	20121001	51.4	-50.0	Le Havre	OOCL Belgium
4400603	11540410	MSB	UP	20121001	51.0	-46.3	Le Havre	OOCL Belgium
4400606	11687410	MSB	EU	20121005	42.2	-39.2	Southampton	OOCL Kuala Lumpur (back from Montreal)
6200531	11548410	MSB	UP	20121011	53.8	-31.0	Le Havre	OOCL Belgium
6200532	11566230	MSB	UP	20121012	55.2	-20.0	Le Havre	OOCL Belgium
6300635	11477140	MSB	EU	20121012	66.4	5.0	Reykjavik	Skogafoss
6400516	11473100	MSB	EU	20121010	64.5	-10.0	Reykjavik	Skogafoss
6400517	11472030	MSB	EU	20121010	65.1	-5.1	Reykjavik	Skogafoss
6400518	11472110	MSB	EU	20121010	65.8	-0.1	Reykjavik	Skogafoss

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

WMO	Telcom	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
2500615	13409520	MIB	EU	744	-	-	X	X	-	-	-	X	-	-	-	T	0110-3110	86.64	-65.35	407
2500616	11549100	MIB	EU	744	-	-	X	X	-	-	-	X	-	-	-	T	0110-3110	84.14	132.47	53
2500617	11540100	MIB	EU	744	-	-	X	X	-	-	-	X	-	-	-	T	0110-3110	84.69	130.81	53
2500620	11541100	MIB	EU	744	-	-	X	X	-	-	-	X	-	-	-	T	0110-3110	83.78	115.75	72
2500622	11540110	MIB	EU	744	-	-	X	X	-	-	-	X	-	-	-	T	0110-3110	81.36	134.57	58
2600555	11545100	MIB	EU	744	-	-	X	X	S	-	-	X	-	-	-	T	0110-3110	87.62	56.78	44
2600556	11549080	MIB	EU	744	-	-	X	X	-	-	-	X	-	-	-	T	0110-3110	89.63	56.20	39
2600557	11544090	MIB	EU	744	-	-	X	X	-	-	-	X	-	-	-	T	0110-3110	88.94	51.91	41

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

# E-SURFMAR DB Monthly Report

## October 2012

WMO	Telcom	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
4100637	13801460	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	22.77	-45.44	641
4100638	10827640	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	15.07	-50.42	583
4100957	38569	TSB	UP	741	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	28.58	-49.75	683
4400549	11025170	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	62.97	-38.14	269
4400551	11027150	MSB	EU	744	-	-	X	X	-	-	-	X	-	-	-	T	0110-3110	33.19	-44.18	269
4400601	11565080	MSB	UP	707	-	-	X	X	X	-	-	X	-	-	-	T	0210-3110	46.38	-48.24	31
4400603	11540410	MSB	UP	707	-	-	X	X	X	-	-	X	-	-	-	T	0210-3110	52.08	-48.95	31
4400606	11687410	MSB	EU	563	-	-	X	X	X	-	-	X	-	-	-	T	0810-3110	39.97	-42.41	27
4400615	11023600	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	51.84	-21.52	283
4400616	11813550	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	53.39	-36.91	283
4400620	11022170	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	38.78	-23.82	268
4400622	11881820	PSB	UP	744	-	-	X	X	S	-	-	X	-	-	-	T	0110-3110	44.34	-60.71	115
4400625	11502100	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	54.28	-15.77	270
4400626	11814550	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	45.05	-24.96	209
4400627	11028170	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	46.08	-41.35	209
4400629	11021160	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	44.01	-37.20	209
4400630	13015830	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	40.77	-27.21	154
4400685	12762900	MSB	CA	739	-	-	X	X	X	-	-	X	-	-	-	O	0110-3110	41.28	-61.73	160
4400686	12469250	MSB	CA	738	-	-	X	X	X	-	-	X	-	-	-	O	0110-3110	44.12	-63.77	159
4400687	12294040	MSB	CA	737	-	-	X	X	X	-	-	X	-	-	-	O	0110-3110	44.60	-56.21	158
4400721	13805460	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	35.13	-53.02	154
4400724	13300270	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	55.04	-39.98	130
4400725	11027170	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	51.06	-30.27	131
4400726	11023190	MSB	EU	420	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	50.62	-43.77	130
4400727	11026170	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	52.35	-42.09	131
4400728	11020190	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	46.05	-45.43	131
4400730	11846540	MSB	E2	743	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	61.44	-63.17	108
4400739	11023610	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	34.80	-53.88	265
4400740	11883820	PSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	37.43	-46.01	116
4400741	11688230	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	44.27	-41.09	40
4400742	11689410	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	45.62	-40.58	40
4400744	13805450	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	37.15	-33.93	329
4400745	13010870	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	49.00	-17.88	329
4400760	11880820	PSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	46.26	-49.73	114
4400761	11883770	PSB	UP	743	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	52.99	-27.05	114
4400767	11919510	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	41.05	-31.83	279
4400768	11912520	MSB	EU	745	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	45.99	-19.00	280
4400769	11845540	MSB	E2	712	-	-	X	X	-	-	-	X	-	-	-	T	0110-3110	62.45	-50.23	106
4400772	11544410	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	58.39	-50.45	105
4400774	11460700	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	61.71	-59.30	106
4400775	11540170	MSB	E2	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	56.25	-44.80	105
4400776	11844540	MSB	E2	743	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	52.82	-38.20	104
4400777	11885820	PSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	53.55	-40.72	102
4400778	11463700	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	48.17	-46.33	103
4400779	11885820	PSB	UP	744	-	-	X	X	-	-	-	X	-	-	-	T	0110-3110	53.18	-44.57	103
4400780	11880840	PSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	54.85	-41.88	103
4400835	89827	TSB	UP	742	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	71.89	15.31	779
4400844	37533	TSB	UP	739	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	30.34	-16.81	552
4400864	13614150	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	48.69	-20.69	264
4400865	11022610	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	43.83	-34.31	255
4400866	11020180	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	51.87	-28.70	254
4400867	11022740	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	41.42	-48.48	254
4400869	11026040	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	39.68	-19.76	245
4400871	11025180	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	55.86	-22.71	243
4400872	11027700	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	45.45	-25.94	229
4400873	11022600	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	41.73	-48.45	229
4400874	11023040	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	41.03	-22.17	230
4400875	11021610	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	39.11	-29.27	229
4400885	39086	TSB	UP	741	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	39.95	-13.75	552
4800662	10822620	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	54.89	-52.07	82
4800663	10822640	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	54.25	-51.47	82
6200511	11026160	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	39.79	-17.06	240
6200518	11024270	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	39.81	-12.73	267
6200519	13114260	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	40.18	-24.97	267
6200520	13611180	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	38.01	-14.49	267
6200521	11688060	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	50.02	-27.09	42
6200522	11680430	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	46.42	-29.31	41
6200531	11548410	MSB	UP	467	-	-	X	X	X	-	-	X	-	-	-	T	1210-3110	53.35	-32.56	21
6200532	11566230	MSB	UP	467	-	-	X	X	X	-	-	X	-	-	-	T	1210-3110	55.68	-24.02	20
6200554	11027160	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	36.75	-16.92	239
6200555	11023170	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	41.06	-14.39	240
6200556	11021170	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	36.58	-28.68	239
6200557	11028160	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	45.00	-19.81	156
6200677	11022050	MSB	EU	230	-	-	X	X	X	-	-	X	-	-	-	T	0110-3010	35.20	-14.51	265



## E-SURFMAR DB Monthly Report October 2012

6200678	11029050	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	58.16	-26.98	256
6200682	11541080	MSB	EU	179	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	52.56	-16.39	116
6200683	11541170	MSB	E2	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	52.48	-20.82	114
6200684	11882820	PSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	57.14	-11.19	111
6200685	11461700	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	57.64	-27.51	112
6200686	11845450	MSB	E2	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	63.22	-26.34	110
6200696	11917510	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	42.92	-18.31	281
6200697	11020160	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	39.20	-18.53	273
6200722	37773	TSB	UP	740	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	24.93	-42.07	736
6200724	39074	TSB	UP	742	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	29.27	-30.09	550
6300551	11547410	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	72.78	25.43	99
6300552	11548400	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	74.60	18.67	98
6300553	11549400	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	71.28	21.29	98
6300554	11549410	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	71.84	19.32	98
6300635	11477140	MSB	EU	467	-	-	X	X	X	-	-	X	-	-	-	T	1210-3110	65.53	3.49	21
6300642	11548080	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	74.91	11.69	136
6300643	11540080	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	76.29	9.28	135
6300645	11546070	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	74.99	15.41	135
6400516	11473100	MSB	EU	515	-	-	X	X	X	-	-	X	-	-	-	T	1010-3110	62.66	-4.61	22
6400517	11472030	MSB	EU	491	-	-	X	X	X	-	-	X	-	-	-	T	1110-3110	65.51	-4.52	22
6400518	11472110	MSB	EU	491	-	-	X	X	X	-	-	X	-	-	-	T	1110-3110	65.73	-1.99	22
6400522	11029150	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	63.32	-37.95	268
6400523	11757730	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	60.38	-9.05	156
6400524	10825640	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	62.80	-30.49	129
6400525	10824120	MSB	EU	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	62.11	-38.53	129
6400526	11932580	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	62.64	-6.55	54
6400527	11549160	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	63.52	-20.76	49
6400620	11756730	MSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	60.07	-26.98	153
6400622	11886820	PSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	60.94	-48.59	100
6500591	11887820	PSB	UP	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	61.63	-28.37	101

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

WMO	Telcom	Typ	Ow	End_Date	Lat	Lon	Age	Cause
2500621	11545080	MSB	EU	20121013	83.1	128.2	51	Damaged by sea ice (north of Laptev Sea)
4100561	39073	TSB	UP	20121022	32.4	-51.3	624	Faded (battery)
4400612	13015860	MSB	EU	20121014	59.4	-21.4	310	Unknown
4400746	13357510	MSB	EU	20121008	52.4	-29.7	305	AP measurements failed
6200558	11023180	MSB	EU	20121025	45.4	-21.9	150	Unknown
6300637	11543080	MSB	EU	20121014	79.3	10.7	78	Damaged by sea ice ? (close to Svalbard)
6300646	11467700	MSB	UP	20121015	79.1	6.2	81	Damaged by sea ice ? (west to Svalbard)
6300647	11542420	MSB	UP	20121005	77.9	-3.3	71	Damaged by sea ice ? (Greenland Sea)
6300648	11543410	MSB	UP	20121023	79.7	15.0	89	Damaged by sea ice ? (close to Svalbard)
6300649	11545420	MSB	EU	20121013	81.2	10.9	80	Damaged by sea ice ? (north of Svalbard)

### ----- 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
4400723	10825630	MSB	EU	744	-	-	-	-	X	-	-	X	-	-	-	T	0110-3110	60.83	-34.90	129
4400746	13357510	MSB	EU	609	-	-	S	S	X	-	-	X	-	-	-	T	0110-3110	52.41	-29.72	328
4400747	11029160	MSB	EU	744	-	-	-	-	X	-	-	X	-	-	-	T	0110-3110	39.41	-27.50	269

### ----- 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
1300527	44092	AOML		652	-	-	X	X	-	-	-	X	-	-	-	L	0110-3110	27.65	-27.84
1300569	71026	AOML		742	-	-	X	X	X	-	-	-	-	-	-	L	0110-3110	35.57	-53.64
1300570	40180	AOML		742	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	31.32	-22.90
1300577	114638	LODY		1337	-	-	X	-	X	-	-	X	-	-	X	T	0110-3110	24.61	-36.35
1300600	43869	AOML		740	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	33.33	-22.24
1300621	44096	AOML		633	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	22.23	-41.32
1300635	44115	AOML		645	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	25.37	-48.73
1300659	11910180	UKMO		395	-	-	X	X	X	-	-	X	-	-	-	T	1510-3110	31.77	-15.09
1300660	11022040	UKMO		203	-	-	X	X	X	-	-	X	-	-	-	T	2310-3110	26.95	-19.44
3100723	109459	LODY		1409	-	-	X	-	X	-	-	X	-	-	X	T	0110-3110	9.79	-47.60

## E-SURFMAR DB Monthly Report October 2012

3100725	36559	LODY	287	-	-	X	-	X	-	-	X	-	-	X	T	2510-3110	4.14	-45.71
3100726	36482	LODY	494	-	-	X	-	X	-	-	X	-	-	X	T	2510-3110	7.31	-42.61
3100906	104101	AOML	59	-	-	X	X	-	-	-	X	-	-	-	L	2910-3110	1.16	-42.29
4100596	11466820	CMM	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	14.94	-48.89
4100597	11542410	CMM	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	20.18	-47.31
4100598	11545410	CMM	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	14.46	-52.57
4100599	11546410	CMM	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	7.87	-38.51
4100600	11562040	CMM	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	25.71	-37.48
4100601	11567080	CMM	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	19.98	-43.01
4100616	101618	AOML	740	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	35.66	-58.82
4100633	114634	LODY	1411	-	-	X	-	X	-	-	X	-	-	X	T	0110-3110	24.57	-36.30
4100634	114632	LODY	1604	-	-	X	-	X	-	-	X	-	-	X	T	0110-3110	24.78	-36.36
4100635	11544420	CMM	744	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	16.87	-48.07
4100636	11568080	CMM	743	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	13.20	-50.41
4100676	104127	AOML	740	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	31.44	-24.50
4100695	12724770	CMM	713	-	-	X	X	X	-	-	-	-	-	-	L	0110-3110	48.23	-35.14
4100733	36606	LODY	1401	-	-	X	-	X	-	-	X	-	-	X	T	0110-3110	23.34	-40.70
4100734	36609	LODY	1430	-	-	X	-	X	-	-	X	-	-	X	T	0110-3110	22.07	-58.40
4100735	10729990	CMM	745	-	-	X	X	X	-	-	X	-	-	X	T	0110-3110	23.29	-63.64
4100924	39190	AOML	741	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	38.94	-38.44
4100945	93003	AOML	592	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	30.69	-69.18
4100960	93006	AOML	693	-	-	X	-	X	-	-	X	-	-	-	L	0110-3110	41.20	-38.40
4300534	114642	AOML	2801	-	-	X	-	X	-	-	X	-	-	-	L	0110-3110	42.48	-56.61
4400516	101619	AOML	742	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	32.56	-54.84
4400837	101617	AOML	741	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	29.52	-61.53
4400838	101616	AOML	742	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	36.05	-59.31
4400839	101615	AOML	740	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	32.87	-57.11
4400841	101620	AOML	741	-	-	X	X	S	-	-	X	-	-	-	L	0110-3110	41.09	-50.30
4700501		EC ?	149	-	X	X	-	-	-	-	-	-	-	-	O	2510-3110	79.03	-7.96
6100786	10200540	CMM	735	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	42.68	7.45
6100787	73224	CMM	824	-	-	X	X	X	-	-	X	-	-	X	T	0110-3110	42.01	5.69
6100788	11547080	CMM	734	-	-	X	X	X	-	-	X	-	-	X	T	0110-3110	41.36	6.09
6100789	25825	CMM	592	X	X	-	-	X	-	-	-	-	-	-	T	0110-3110	40.05	6.82
6100790	30674	CMM	623	X	X	-	-	X	-	-	-	-	-	-	T	0110-3110	42.12	7.27
6100791	30675	CMM	593	-	-	X	X	X	-	-	-	-	-	-	T	0110-3110	42.10	7.03
6100792	30836	CMM	622	X	X	X	X	X	-	-	-	-	-	-	T	0110-3110	41.92	6.64
6200501	11540090	CMM	190	-	-	X	X	X	-	-	X	-	-	X	T	0110-3110	40.93	-14.33
6200502	11758720	CMM	744	-	-	X	X	X	-	-	X	-	-	X	T	0110-3110	45.46	-21.78
6200503	11758700	CMM	744	-	-	X	X	X	-	-	X	-	-	X	T	0110-3110	48.07	-10.90
6200505	11120780	CMM	744	-	-	X	X	X	-	-	X	-	-	X	T	0110-3110	40.74	-16.30
6200506	11755720	CMM	742	-	-	X	X	X	-	-	X	-	-	X	T	0110-3110	50.19	-30.15
6200513	11127760	CMM	746	-	-	X	X	X	-	-	X	-	-	X	T	0110-3110	39.85	-14.94

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

WMO : WMO id.  
 Argos : Argos id.  
 Typ : Buoy type  
     - first character : Manufacturer (C = ConMar , M = Meteocean, 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  
     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)

## E-SURFMAR DB Monthly Report October 2012

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 -----

It must be noticed that Greek and Italian moored buoys no longer report onto the GTS... even neither SST nor waves for these latter.

#### 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	741	X	X	X	X	X	X	X	-	-	X	-	T	0110-3110	43.40	7.80
<b>6100002</b>	<b>Lion</b>	<b>671</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>S</b>	<b>X</b>	<b>X</b>	-	-	<b>X</b>	-	<b>T</b>	<b>0110-3110</b>	<b>42.10</b>	<b>4.70</b>
6200001	Gascogne	744	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	45.30	-5.00
6200029	K1	744	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	48.70	-12.50
6200081	K2	597	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	51.00	-13.20
6200090	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.10	-11.20
6200091	M2	741	X	X	X	-	X	X	-	-	-	X	X	O	0110-3110	53.50	-5.40
6200092	M3	744	X	X	X	-	X	X	-	-	-	X	X	O	0110-3110	51.20	-10.50
6200093	M4	567	X	X	X	-	X	X	-	-	-	X	S	O	0810-3110	54.70	-9.10
6200094	M5	208	X	X	X	-	X	X	-	-	-	X	-	O	2310-3110	51.70	-6.70
<b>6200095</b>	<b>M6</b>	<b>729</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>0110-3110</b>	<b>53.10</b>	<b>-15.90</b>
6200105	K4	634	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	55.80	-11.40
6200108	K3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.50	-19.50
6200163	Brittany	745	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	47.50	-8.40
<b>6400045</b>	<b>K5</b>	<b>738</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>0110-3110</b>	<b>59.10</b>	<b>-11.70</b>
6400046	K7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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	722	X	X	X	-	X	X	X	-	-	-	S	O	0110-3110	28.18	-15.82
1300131	Tenerife Sur	736	X	X	X	-	X	X	X	-	-	-	S	O	0110-3110	28.00	-16.58
6100196	C. Begur	744	X	X	X	-	-	X	X	-	-	-	-	O	0110-3110	41.92	3.65
6100197	Mahon	659	X	X	X	-	-	X	X	-	-	-	-	O	0110-2910	39.72	4.42
6100198	C. de Gata	399	X	X	X	-	X	X	X	-	-	-	X	O	1510-3110	36.57	-2.33
6100280	Tarragona	744	X	X	X	-	X	X	X	-	-	-	X	O	0110-3110	40.77	1.47
6100281	Valencia	743	X	X	X	-	X	X	X	-	-	-	X	O	0110-3110	39.47	-0.27
6100417	C. de Palos	744	X	X	X	-	X	X	X	-	-	-	X	O	0110-3110	37.65	-0.32
6100430	Dragonera	744	X	X	X	-	X	X	X	-	-	-	-	O	0110-3110	39.56	2.11
6200024	Bilbao-Visc.	743	X	X	X	-	X	X	X	-	-	-	X	O	0110-3110	43.63	-3.03
6200025	C. de Penas	714	X	X	X	-	X	X	X	-	-	-	X	O	0110-3110	43.73	-6.17



## E-SURFMAR DB Monthly Report October 2012

6200082	E. de Bares	100	S	S	S	-	S	S	S	-	-	-	S	0110-0510	44.13	-7.69
6200083	Villano-Sis.	744	X	X	X	-	X	X	X	-	-	-	X	O 0110-3110	43.48	-9.22
<b>6200084</b>	<b>C. Silleiro</b>	<b>715</b>	<b>X</b>	<b>X</b>	<b>X</b>	-	<b>X</b>	<b>X</b>	<b>X</b>	-	-	-	<b>X</b>	<b>O 0110-3110</b>	<b>42.12</b>	<b>-9.43</b>
6200085	G. de Cadiz	744	X	X	X	-	X	X	X	-	-	-	X	O 0110-3110	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		-	-	-	-	-	-	-	-	-	-	-	-			37.44	15.15
6100208		-	-	-	-	-	-	-	-	-	-	-	-			37.52	12.53
6100209		-	-	-	-	-	-	-	-	-	-	-	-			38.26	13.33
6100210		-	-	-	-	-	-	-	-	-	-	-	-			39.02	17.22
6100211		-	-	-	-	-	-	-	-	-	-	-	-			39.45	15.92
6100212		-	-	-	-	-	-	-	-	-	-	-	-			40.62	9.89
6100213		-	-	-	-	-	-	-	-	-	-	-	-			40.55	8.11
6100214		-	-	-	-	-	-	-	-	-	-	-	-			40.87	12.95
6100215		-	-	-	-	-	-	-	-	-	-	-	-			40.98	17.38
6100216		-	-	-	-	-	-	-	-	-	-	-	-			42.24	11.55
6100218		-	-	-	-	-	-	-	-	-	-	-	-			43.83	13.72
6100219		-	-	-	-	-	-	-	-	-	-	-	-			43.93	9.83
6100220		-	-	-	-	-	-	-	-	-	-	-	-			45.33	12.52
6100221		-	-	-	-	-	-	-	-	-	-	-	-			39.12	9.40

-----  
**Operating POSEIDON moored buoys (Greece)**

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
6101000		-	-	-	-	-	-	-	-	-	-	-	-			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	81	S	S	S	-	-	-	-	-	-	S	-		0110-1110	43.80	9.10
6200052	Ushant	-	-	-	-	-	-	-	-	-	-	-	-			48.50	-5.80
6200442	PAP	-	-	-	-	-	-	-	-	-	-	-	-			49.00	-16.40
6600021	Arkona Becken	-	-	-	-	-	-	-	-	-	-	-	-			54.90	13.90
6600022	Oder Bank	657	X	X	-	-	X	-	-	-	-	-	-	O	0110-3110	54.10	14.20
6600024	Darsser Schwelle	-	-	-	-	-	-	-	-	-	-	-	-			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		343	X	X	-	-	X	-	-	-	-	X	-	L	0110-3110	11.49	-38.40
4100040	West Atlantic	735	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	14.50	-53.00
4100041	Mid. Atlantic	738	X	X	X	X	X	X	-	-	-	S	-	O	0110-3110	14.50	-46.00
4100043	Porto Rico	737	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	21.00	-65.00
4100044		743	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	21.70	-58.70
4100046		739	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	23.90	-70.90

**E-SURFMAR DB Monthly Report  
October 2012**

4100047		-	-	-	-	-	-	-	-	-	-			27.50	-71.50	
4100048	731	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	32.00	-69.60
4100049	742	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	27.50	-53.00
4100100 E Guadeloupe		-	-	-	-	-	-	-	-	-	-	-			15.90	-57.90
4100101 E Martinique	722	X	X	X	X	X	X	-	-	-	X	-	T	0110-3110	14.60	-56.20
4100139	417	X	X	X	-	X	-	-	-	-	X	-	L	0110-3110	20.02	-37.86
4200059 Caraibes	744	X	X	X	X	X	X	-	-	-	-	-	O	0110-3110	15.00	-67.50
4400008 A Nantucket	740	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	40.50	-69.40
4400011 D Georges Bk	738	X	X	X	X	X	X	-	-	-	-	-	O	0110-3110	41.10	-66.60
4400018 SE Cape Cod		-	-	-	-	-	-	-	-	-	-	-			41.30	-69.30
4400024 NNE Channel	717	X	X	X	X	X	X	-	-	-	-	-	O	0110-3110	42.30	-65.90
4400137 E Scotia Sl.	719	X	X	X	X	X	X	-	-	-	-	-	O	0110-3110	42.30	-62.00
4400138 SW Gd Banks		-	-	-	-	-	-	-	-	-	-	-			44.30	-53.60
4400139 Beanquereau	708	X	X	X	X	X	X	-	-	-	-	-	O	0110-3110	44.30	-57.10
4400140 Tail of Bk		-	-	-	-	-	-	-	-	-	-	-			43.80	-51.70
4400141 Larentian F		-	-	-	-	-	-	-	-	-	-	-			43.00	-58.00
4400150 La Have Bk	738	X	X	X	X	X	X	-	-	-	-	-	O	0110-3110	42.50	-64.00

## E-SURFMAR DB Monthly Report October 2012

### 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, October 2012

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20121031	2500615	13409520	744	0	-0.2	0.5
20121031	2500616	11549100	744	0	-0.2	0.4
20121031	2500617	11540100	744	0	-0.3	0.4
20121031	2500620	11541100	744	0	-0.5	0.5
20121013	2500621	11545080	304	0	-0.5	0.5
20121031	2500622	11540110	744	0	-0.3	0.5
20121031	2600555	11545100	744	0	-0.1	0.5
20121031	2600556	11549080	744	0	0.1	0.4
20121031	2600557	11544090	744	0	0.0	0.4
20121022	4100561	39073	504	0	0.2	0.4
20121031	4100596	12053610	744	0	-0.1	0.5
20121031	4100597	12058610	744	0	-0.1	0.4
20121031	4100598	13207690	744	0	-0.1	0.6
20121031	4100599	13016830	744	0	-0.2	0.5
20121031	4100600	12776720	744	0	-0.1	0.3
20121031	4100601	13800460	744	0	-0.0	0.4
20121031	4100637	13801460	744	0	0.0	0.4
20121031	4100638	10827640	744	0	-0.0	0.6
20121031	4100957	38569	741	0	-0.0	0.4
20121031	4400549	11025170	744	0	0.1	0.5
20121031	4400551	11027150	744	0	-0.3	0.4
20121031	4400601	11565080	707	0	-0.1	0.6
20121031	4400603	11540410	707	0	-0.0	0.6
20121031	4400606	11687410	563	0	-0.0	0.4
<b>20121014</b>	<b>4400612</b>	<b>13015860</b>	<b>325</b>	<b>24</b>	<b>-0.2</b>	<b>1.5</b>
20121031	4400615	11023600	744	0	-0.0	0.8
20121031	4400616	11813550	744	0	0.1	0.6
20121031	4400620	11022170	744	1	-0.2	0.4
20121031	4400622	11881820	744	0	-0.0	0.5
20121031	4400625	11502100	743	0	0.3	0.5
20121031	4400626	11814550	744	0	-0.2	0.5
20121031	4400627	11028170	744	1	-0.0	1.1
20121031	4400629	11021160	744	0	-0.1	0.9
20121031	4400630	13015830	744	0	-0.1	0.5
20121031	4400685	12762900	739	0	0.9	0.7
20121031	4400686	12469250	738	0	0.4	0.7
20121031	4400687	12294040	737	0	0.2	0.6
20121031	4400721	13805460	744	0	0.0	0.4
20121031	4400724	13300270	743	0	-0.3	0.6
20121031	4400725	11027170	744	0	-0.1	0.5
20121031	4400726	11023190	420	0	-0.4	0.7
20121031	4400727	11026170	744	0	-0.1	0.6
20121031	4400728	11020190	744	0	-0.0	0.6
20121031	4400730	11846540	743	0	-0.1	0.5
20121031	4400739	11023610	744	0	0.1	0.4
20121031	4400740	11883820	744	0	-0.0	0.4
20121031	4400741	11688230	744	0	-0.0	0.4
20121031	4400742	11689410	744	0	-0.2	0.7
20121031	4400744	13805450	744	7	-0.1	0.7
20121031	4400745	13010870	744	0	-0.2	0.6
20121012	4400746	13357510	236	8	-0.1	2.2
20121031	4400760	11880820	744	0	0.0	0.7
20121031	4400761	11883770	743	0	0.0	0.5
20121031	4400767	11919510	744	3	0.1	0.6
20121031	4400768	11912520	745	0	0.2	0.5
20121031	4400769	11845540	712	0	-0.7	0.7
20121031	4400772	11544410	744	0	-0.1	0.6
20121031	4400774	11460700	744	0	-0.0	0.5
20121031	4400775	11540170	744	0	-0.2	0.6
20121031	4400776	11844540	743	0	-0.0	0.5
20121031	4400777	11885820	744	0	0.1	0.7
20121031	4400778	11463700	744	0	-0.2	0.6

**E-SURFMAR DB Monthly Report  
October 2012**

20121031	4400779	11885820	744	0	0.0	0.5
20121031	4400780	11880840	744	1	0.1	0.8
20121031	4400835	83420	742	0	0.1	0.4
20121031	4400844	37533	739	0	0.0	0.5
20121031	4400864	13614150	744	0	0.1	0.5
<b>20121031</b>	<b>4400865</b>	<b>11022610</b>	<b>744</b>	<b>15</b>	<b>-0.1</b>	<b>1.8</b>
20121031	4400866	11020180	744	0	0.0	0.5
20121031	4400867	11022740	744	0	-0.2	0.6
20121031	4400869	11026040	744	0	-0.0	0.4
<b>20121031</b>	<b>4400871</b>	<b>11025180</b>	<b>744</b>	<b>10</b>	<b>0.2</b>	<b>0.9</b>
20121031	4400872	11027700	744	0	0.2	0.5
<b>20121031</b>	<b>4400873</b>	<b>11022600</b>	<b>744</b>	<b>17</b>	<b>0.2</b>	<b>1.1</b>
20121031	4400874	11023040	744	0	0.1	0.4
20121031	4400875	11021610	744	0	0.3	0.4
20121031	4400885	39086	740	1	0.2	0.5
20121031	4800662	10822620	744	0	0.3	0.6
20121031	4800663	10822640	744	0	0.2	0.6
20121031	6200511	11026160	744	0	-0.3	0.4
20121031	6200518	11024270	744	0	-0.0	0.5
20121031	6200519	13114260	744	0	-0.1	1.0
20121031	6200520	13611180	744	0	0.0	0.4
20121031	6200521	11688060	744	0	0.0	0.6
20121031	6200522	11680430	744	0	-0.1	0.6
20121031	6200531	11548410	467	0	0.1	0.5
20121031	6200532	11566230	467	0	0.2	0.4
20121031	6200554	11027160	744	0	0.1	0.4
20121031	6200555	11023170	744	1	0.1	0.4
20121031	6200556	11021170	744	0	-0.1	0.5
20121031	6200557	11028160	744	0	-0.3	0.5
20121025	6200558	11023180	550	1	0.4	0.6
20121030	6200677	11022050	230	0	0.2	0.4
20121031	6200678	11029050	744	0	0.1	0.7
20121031	6200682	11541080	179	0	-0.1	0.5
20121031	6200683	11541170	744	0	-0.2	0.5
20121031	6200684	11882820	744	0	-0.1	0.4
20121031	6200685	11461700	744	0	-0.1	0.5
20121031	6200686	11845450	744	0	-0.1	0.4
20121031	6200696	11917510	744	0	0.3	0.5
20121031	6200697	12291040	743	0	-0.1	0.7
20121031	6200722	37773	740	0	0.1	0.3
20121031	6200724	39074	742	0	-0.1	0.4
20121031	6300551	11547410	744	0	0.1	0.4
20121031	6300552	11548400	744	0	-0.1	0.3
20121031	6300553	11549400	744	0	0.1	0.3
20121031	6300554	11549410	744	0	0.0	0.3
20121031	6300635	11477140	467	0	-0.1	0.4
20121014	6300637	11543080	320	0	-0.3	0.3
20121031	6300642	11548080	744	0	0.1	0.3
20121031	6300643	11540080	744	0	-0.1	0.4
20121031	6300645	11546070	744	0	-0.2	0.4
20121015	6300646	11467700	348	1	-0.2	0.6
20121005	6300647	11542420	118	0	-0.1	0.3
20121023	6300648	11543410	529	0	-0.4	0.3
20121011	6300649	11545420	259	0	-0.4	1.1
20121031	6400516	11473100	515	0	-0.1	0.4
20121031	6400517	11472030	491	0	-0.1	0.4
20121031	6400518	11472110	491	0	-0.1	0.4
<b>20121031</b>	<b>6400522</b>	<b>11029150</b>	<b>744</b>	<b>18</b>	<b>0.1</b>	<b>1.3</b>
20121031	6400523	11757730	744	0	-0.1	0.4
20121031	6400524	10825640	744	0	0.5	0.4
20121031	6400525	10824120	744	0	0.5	0.4
20121031	6400526	11932580	744	0	-0.1	0.4
20121031	6400527	11549160	744	0	-0.1	0.4
20121031	6400620	11756730	744	0	0.1	0.4
20121031	6400622	11886820	744	0	-0.1	0.6
20121031	6500591	11887820	744	0	0.1	0.5

**Air Pressure (hPa), moored buoys, October 2012**

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20121031	1300130		722	0	0.6	0.7
20121031	1300131		736	0	0.4	0.6
20121031	6100001		734	2	0.1	0.6
20121031	6100002		670	3	-0.1	0.6

## E-SURFMAR DB Monthly Report October 2012

20121011	6100010	81	0	-0.8	0.5
20121031	6100196	744	0	0.4	0.7
20121029	6100197	659	0	0.6	0.6
20121031	6100198	399	0	0.3	0.7
20121031	6100280	744	0	0.4	0.7
20121031	6100281	743	0	0.5	0.8
20121031	6100417	744	0	0.4	0.7
20121031	6100430	744	0	-0.3	0.7
20121031	6200001	744	0	-0.0	0.5
20121031	6200024	743	0	0.3	0.7
20121031	6200025	714	0	0.6	0.6
20121031	6200029	744	1	-0.1	0.6
20121031	6200081	597	2	-0.0	0.5
20121005	6200082	100	0	0.4	0.7
20121031	6200083	744	0	0.3	0.6
20121031	6200084	715	0	0.2	0.6
20121031	6200085	744	0	0.4	0.6
20121031	6200091	741	1	0.1	0.5
20121031	6200092	744	0	0.0	0.6
20121031	6200093	567	2	-0.2	0.5
20121031	6200094	208	0	-0.2	0.6
20121031	6200095	697	2	-0.3	1.0
20121031	6200105	634	0	0.1	0.4
20121031	6200163	744	0	0.0	0.5
20121031	6400045	738	0	-0.1	0.4

### Air Temperature (C), drifting buoys, October 2012

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20121031	2500619	57010	741	7	-3.0	5.3

### Air Temperature (C), moored buoys, October 2012

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20121031	1300130		717	0	-0.7	0.5
20121031	1300131		736	0	-0.1	0.7
20121031	6100001		741	0	-1.3	0.9
20121031	6100002		671	0	-0.2	1.0
20121011	6100010		81	0	-0.1	0.4
20121031	6100196		697	20	-0.3	1.6
20121029	6100197		655	0	1.4	0.6
20121031	6100198		399	0	-1.0	0.8
20121031	6100280		744	0	0.0	0.7
20121031	6100281		743	0	0.1	0.8
20121031	6100417		744	0	-0.2	0.7
20121031	6100430		744	0	-0.2	0.5
20121031	6200001		744	0	-0.2	0.5
20121031	6200024		743	0	0.2	0.7
20121031	6200025		714	0	-0.8	0.7
20121031	6200029		744	0	-0.4	0.6
20121031	6200081		597	0	-0.4	0.7
20121005	6200082		97	0	-1.6	2.9
20121031	6200083		744	0	0.0	0.6
20121031	6200084		715	0	0.0	0.7
20121031	6200085		740	0	-0.0	1.0
20121031	6200091		741	0	-0.1	0.5
20121031	6200092		744	0	-0.8	0.4
20121031	6200093		567	1	-0.2	0.4
20121031	6200094		208	0	0.8	0.6
20121031	6200095		723	1	-0.5	0.7
20121031	6200105		634	0	-0.2	0.5
20121031	6200163		744	0	-0.4	0.5
20121031	6400045		738	0	-0.3	0.5
20121031	6600022		657	0	0.2	0.7

### Wind direction (deg.), moored buoys, October 2012

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20121031	1300131		728	73	13	36

## E-SURFMAR DB Monthly Report October 2012

20121031	6100001	739	40	4	28
20121031	6100002	670	11	1	21
20121011	6100010	81	6	-13	30
20121031	6100196	725	31	-21	25
20121029	6100197	657	12	-9	21
20121031	6100198	390	20	-24	27
20121031	6100280	671	16	2	26
20121031	6100281	708	69	9	36
20121031	6100417	723	20	-5	28
20121031	6100430	736	33	-11	28
20121031	6200001	744	4	0	17
20121031	6200025	696	56	4	34
20121031	6200029	739	2	-2	15
20121031	6200081	593	0	-5	16
20121003	6200082	61	0	-5	23
20121031	6200083	739	68	2	36
20121031	6200084	707	27	7	23
20121031	6200085	735	22	-3	29
20121031	6200091	741	12	1	19
20121031	6200092	744	3	3	15
20121031	6200093	567	4	1	16
20121031	6200094	207	0	3	11
20121031	6200095	726	5	-1	16
20121031	6200105	633	1	-2	14
20121031	6200163	744	9	-4	18
20121031	6400045	734	3	-2	15
20121031	6600022	648	5	-8	17

### Wind speed rate, moored buoys, October 2012

Datend	WMO	Telcom	Recvd	GE	Rate	Err
20121031	1300131		728	2	1.3	2.6
20121031	6100001		739	0	1.4	2.3
20121031	6100002		670	1	1.2	2.2
20121011	6100010		81	0	1.2	1.2
20121031	6100196		725	0	0.9	2.0
20121029	6100197		657	0	1.2	1.6
20121031	6100198		390	0	0.8	1.9
20121031	6100280		671	0	0.8	2.1
20121031	6100281		708	0	1.8	2.1
20121031	6100417		723	0	1.2	1.8
20121031	6100430		736	0	1.1	1.7
20121031	6200001		744	0	1.0	1.3
20121031	6200025		696	0	0.8	2.1
20121031	6200029		739	0	1.1	1.8
20121031	6200081		593	0	1.0	1.4
20121003	6200082		61	0	0.9	1.9
20121031	6200083		739	8	0.9	1.9
20121031	6200084		707	0	1.1	1.8
20121031	6200085		735	0	1.0	1.8
20121031	6200091		741	0	1.0	1.5
20121031	6200092		744	0	0.9	1.7
20121031	6200093		567	0	0.9	1.4
20121031	6200094		207	0	1.0	1.3
20121031	6200095		724	0	1.0	1.5
20121031	6200105		633	0	1.0	1.4
20121031	6200163		744	0	1.1	1.7
20121031	6400045		734	0	1.0	1.2
20121031	6600022		648	0	1.2	1.1

### Comments on QC statistics :

#### Air pressure

1. Metocean Iridium buoy WMO **4400612** reported a few wrong pressure values before it stopped transmitting for an unknown reason on the 14<sup>th</sup> of October.
2. Metocean Iridium buoys WMO **4400865**, **4400871**, **4400873** and **6400522** reported some wrong pressure values onto the GTS but measurements became right later. The GTS data transmission was not discontinued.



## E-SURFMAR DB Monthly Report October 2012

### Air temperature

3. As usually, air temperature reported by ICEB buoy WMO 2500619 appeared biased in October but this difference should be due to the model.
4. Spanish moored buoy WMO **620082** reported dubious air temperature values before it stopped transmitting on the 5<sup>th</sup> of October.

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).