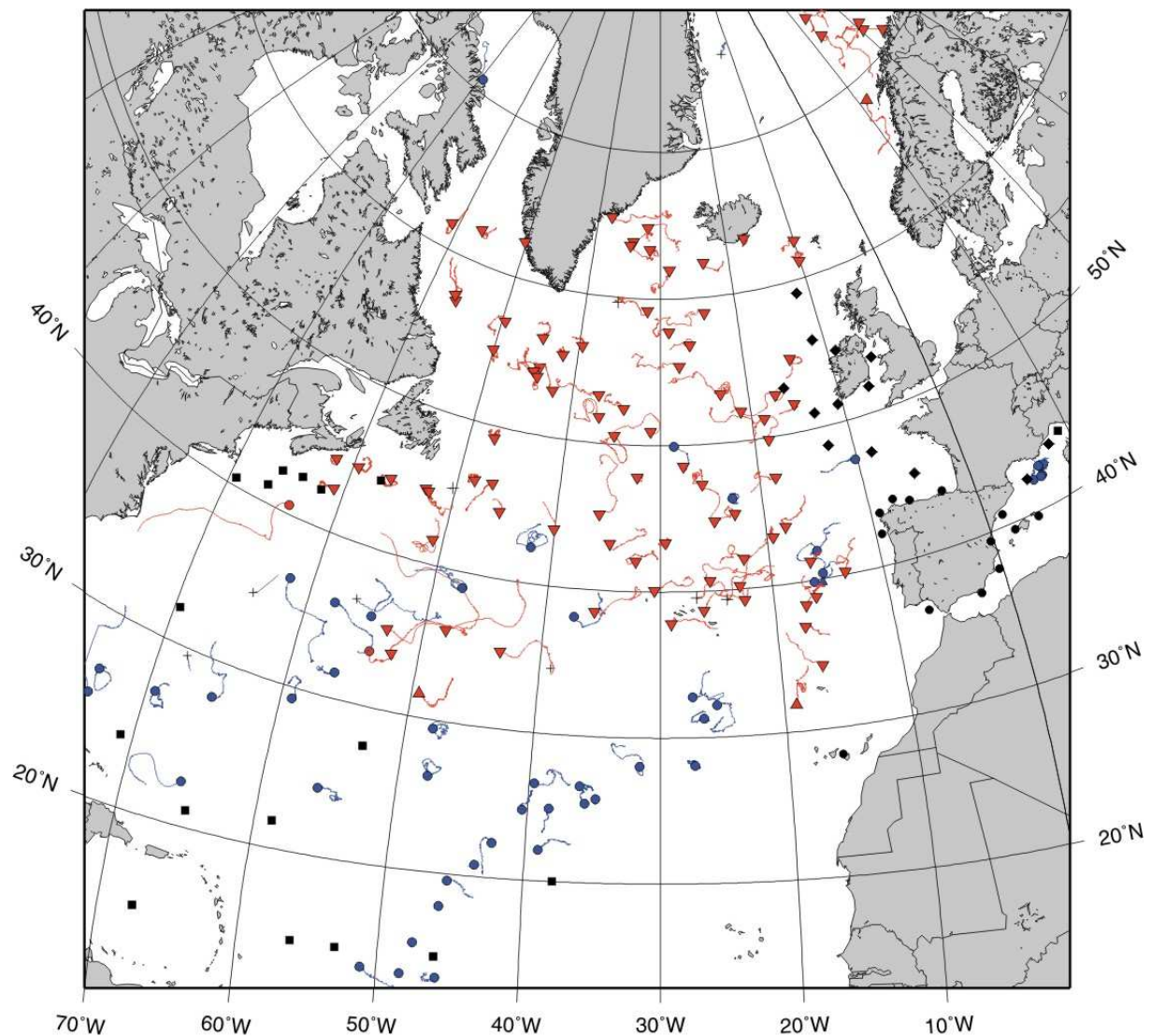
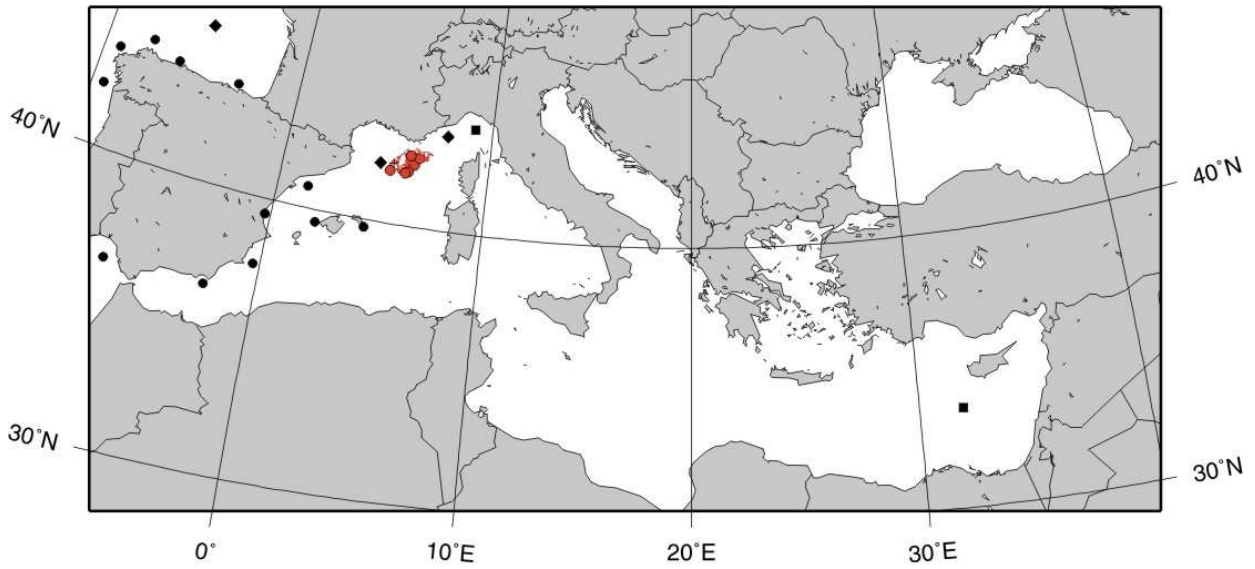


DATA BUOY MONTHLY REPORT

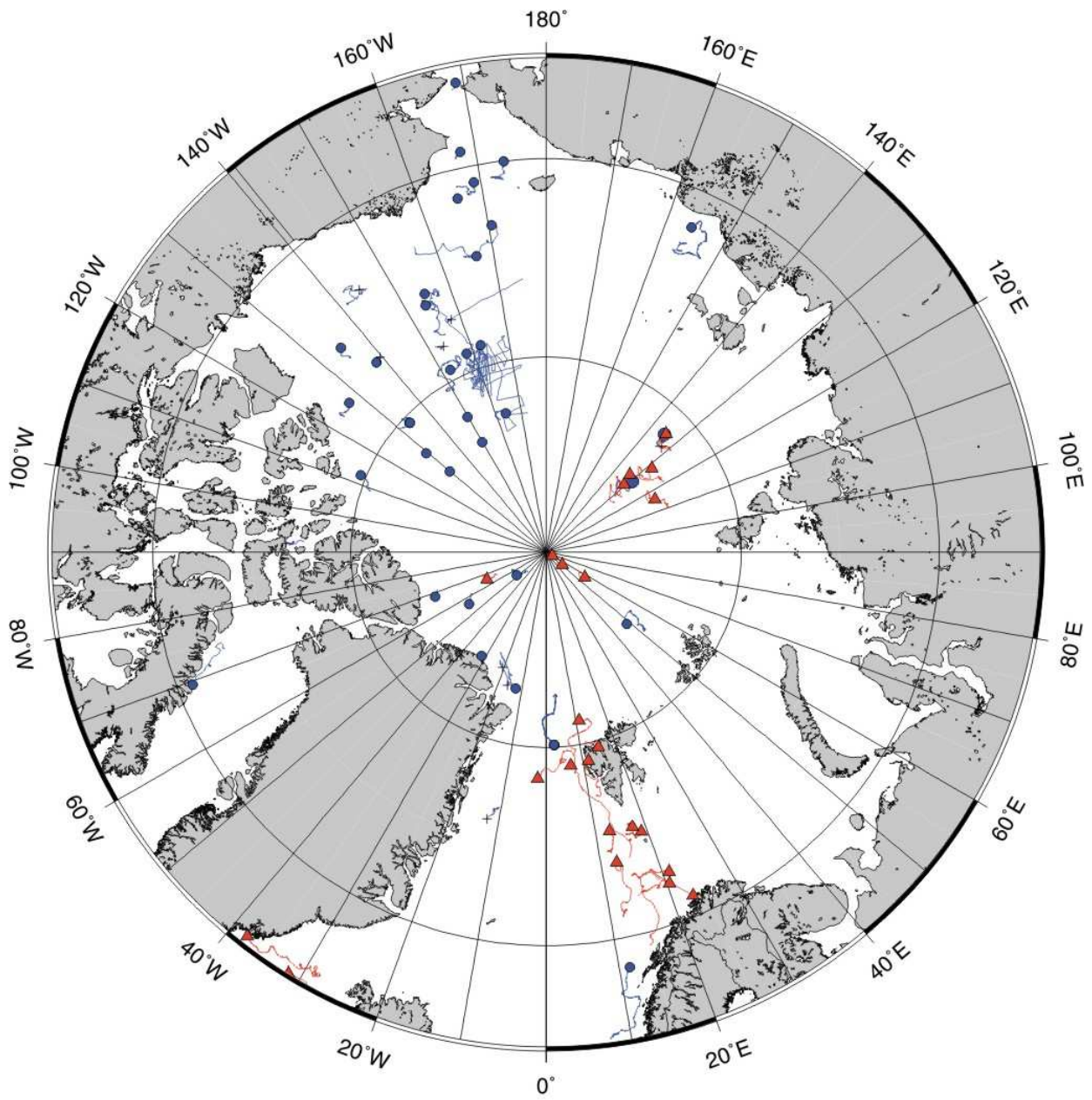
September 2012



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



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



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

DRIFTING BUOYS

Network status

By the end of September, **103 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, 68 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 7 Argos and 25 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

It seems that only 23 observations out of 24 were received from Iridium drifting buoys in average on the 9th of September. This put apart, the GTS data transmission of Iridium buoys - ensured by Meteo-France -, did not suffer from any other interruption or delay in September.

Besides E-SURFMAR buoys, 50 drifting buoys was reporting at least air pressure or wind observations from the EUCOS area of interest, including eight in the western Mediterranean Sea for HyMeX. Out of the fifty, fifteen 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
2500616	11549100	MSB	EU	20120909	85.0	123.9	Bremerhaven	Polarstern
2500617	11540100	MSB	EU	20120909	85.5	123.8	Bremerhaven	Polarstern
2500622	11540110	MSB	EU	20120904	81.7	130.0	Bremerhaven	Polarstern
2600555	11545100	MSB	EU	20120918	87.9	61.3	Bremerhaven	Polarstern
2600556	11549080	MSB	EU	20120923	88.8	55.8	Bremerhaven	Polarstern
2600557	11544090	MSB	EU	20120921	89.2	53.0	Bremerhaven	Polarstern
4400741	11688230	MSB	EU	20120922	45.5	-43.0	Southampton	OOCL Kuala Lumpur
4400742	11689410	MSB	EU	20120922	44.5	-45.8	Southampton	OOCL Kuala Lumpur
6200521	11688060	MSB	EU	20120920	48.8	-27.3	Southampton	OOCL Kuala Lumpur
6200522	11680430	MSB	EU	20120921	48.1	-32.0	Southampton	OOCL Kuala Lumpur
6400526	11932580	MSB	UP	20120908	62.2	-11.8	Rotterdam	Bruarfoss
6400527	11549160	MSB	UP	20120913	63.1	-17.1	Rotterdam	Bruarfoss

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	717	-	-	X	X	-	-	-	X	-	-	-	T	0109-3009	86.64	-65.35	376
2500616	11549100	MSB	EU	489	-	-	X	X	-	-	-	X	-	-	-	T	1009-3009	84.15	132.64	22
2500617	11540100	MSB	EU	489	-	-	X	X	-	-	-	X	-	-	-	T	1009-3009	84.70	130.95	22
2500620	11541100	MSB	EU	717	-	-	X	X	-	-	-	X	-	-	-	T	0109-3009	83.79	115.83	41
2500621	11545080	MSB	EU	717	-	-	X	X	-	-	-	X	-	-	-	T	0109-3009	83.09	128.39	38
2500622	11540110	MSB	EU	632	-	-	X	X	-	-	-	X	-	-	-	T	0409-3009	81.37	134.65	27
2600555	11545100	MSB	EU	273	-	-	X	X	S	-	-	X	-	-	-	T	1909-3009	87.62	56.80	13
2600556	11549080	MSB	EU	155	-	-	X	X	-	-	-	X	-	-	-	T	2409-3009	89.63	56.41	8
2600557	11544090	MSB	EU	155	-	-	X	X	-	-	-	X	-	-	-	T	2409-3009	88.95	51.95	10

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

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WMO	Telcom	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
4100561	39073	TSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	31.54	-49.43	602
4100637	13801460	MSB	EU	107	-	-	X	X	X	-	-	X	-	-	-	T	2609-3009	20.77	-43.61	610
4100638	10827640	MSB	EU	59	-	-	X	X	X	-	-	X	-	-	-	T	2809-3009	15.31	-47.57	552
4100957	38569	TSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	29.43	-47.86	652
4400549	11025170	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	64.84	-31.96	238
4400551	11027150	MSB	EU	717	-	-	X	X	-	-	-	X	-	-	-	T	0109-3009	35.20	-43.43	238
4400612	13015860	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	58.94	-24.24	296
4400615	11023600	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	53.35	-23.13	252
4400616	11813550	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	53.26	-37.03	252
4400620	11022170	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	38.66	-26.18	237
4400622	11881820	PSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	44.58	-59.49	84
4400625	11502100	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	52.74	-17.02	239
4400626	11814550	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	45.14	-22.82	178
4400627	11028170	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	41.62	-50.96	178
4400629	11021160	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	45.17	-35.89	178
4400630	13015830	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	43.35	-29.53	123
4400685	12762900	MSB	CA	711	-	-	X	X	X	-	-	X	-	-	-	O	0109-3009	42.69	-60.97	129
4400686	12469250	MSB	CA	714	-	-	X	X	X	-	-	X	-	-	-	O	0109-3009	44.49	-61.72	128
4400687	12294040	MSB	CA	714	-	-	X	X	X	-	-	X	-	-	-	O	0109-3009	44.64	-56.27	127
4400721	13805460	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	36.01	-48.18	123
4400724	13300270	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	56.46	-39.61	99
4400725	11027170	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	51.77	-36.78	100
4400726	11023190	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	54.52	-44.27	99
4400727	11026170	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	54.16	-44.85	100
4400728	11020190	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	46.21	-46.65	100
4400730	11846540	MSB	E2	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	61.64	-61.03	77
4400739	11023610	MSB	EU	716	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	35.21	-53.01	234
4400740	11883820	PSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	33.74	-52.24	85
4400741	11688230	MSB	EU	155	-	-	X	X	X	-	-	X	-	-	-	T	2409-3009	43.87	-40.09	9
4400742	11689410	MSB	EU	155	-	-	X	X	X	-	-	X	-	-	-	T	2409-3009	44.43	-45.44	9
4400744	13805450	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	38.54	-35.75	298
4400745	13010870	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	51.29	-18.64	298
4400746	13357510	MSB	EU	698	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	52.46	-34.13	297
4400760	11880820	PSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	46.15	-48.43	83
4400761	11883770	PSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	50.58	-34.94	83
4400767	11919510	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	42.07	-32.30	248
4400768	11912520	MSB	EU	681	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	47.23	-18.39	249
4400769	11845540	MSB	E2	717	-	-	X	X	-	-	-	X	-	-	-	T	0109-3009	62.45	-50.23	75
4400772	11544410	MSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	56.93	-49.63	74
4400774	11460700	MSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	62.11	-56.71	75
4400775	11540170	MSB	E2	716	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	56.52	-44.60	74
4400776	11844540	MSB	E2	716	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	53.15	-42.32	73
4400777	11885820	PSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	53.88	-44.32	71
4400778	11463700	MSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	49.19	-47.45	72
4400779	11885820	PSB	UP	717	-	-	X	X	-	-	-	X	-	-	-	T	0109-3009	54.90	-50.04	72
4400780	11880840	PSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	55.65	-41.78	72
4400835	89827	TSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	68.50	11.44	748
4400844	37533	TSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	31.80	-19.05	521
4400864	13614150	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	49.86	-18.51	233
4400865	11022610	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	43.23	-34.74	224
4400866	11020180	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	50.94	-31.07	223
4400867	11022740	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	44.75	-52.79	223
4400869	11026040	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	40.22	-22.91	214
4400871	11025180	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	55.38	-27.71	212
4400872	11027700	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	47.28	-25.83	198
4400873	11022600	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	44.63	-52.47	198
4400874	11023040	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	42.05	-22.31	199
4400875	11021610	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	40.09	-30.53	198
4400885	39086	TSB	UP	716	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	39.80	-15.54	521
4800662	10822620	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	57.10	-56.34	51
4800663	10822640	MSB	EU	716	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	57.46	-56.70	51
6200511	11026160	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	38.87	-16.31	209
6200518	11024270	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	40.23	-13.42	236
6200519	13114260	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	40.69	-25.55	236
6200520	13611180	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	38.40	-17.25	236
6200521	11688060	MSB	EU	225	-	-	X	X	X	-	-	X	-	-	-	T	2109-3009	48.55	-27.67	11
6200522	11680430	MSB	EU	225	-	-	X	X	X	-	-	X	-	-	-	T	2109-3009	47.80	-32.35	10
6200554	11027160	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	36.98	-17.59	208
6200555	11023170	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	41.29	-16.32	209
6200556	11021170	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	37.81	-29.06	208
6200557	11028160	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	43.26	-19.43	125
6200558	11023180	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	44.75	-24.82	125
6200677	11022050	MSB	EU	269	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	34.28	-16.54	235

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6200678	11029050	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	56.82	-26.33	225
6200682	11541080	MSB	EU	639	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	51.90	-15.17	85
6200683	11541170	MSB	E2	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	52.01	-21.07	83
6200684	11882820	PSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	54.96	-14.57	80
6200685	11461700	MSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	57.75	-28.90	81
6200686	11845450	MSB	E2	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	61.96	-28.73	79
6200696	11917510	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	43.87	-18.14	250
6200697	11020160	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	39.23	-22.57	242
6200722	37773	TSB	UP	716	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	26.59	-39.62	705
6200724	39074	TSB	UP	716	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	28.02	-31.62	519
6300551	11547410	MSB	UP	607	-	-	X	X	S	-	-	X	-	-	-	T	0109-3009	71.00	23.21	68
6300552	11548400	MSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	74.93	18.84	67
6300553	11549400	MSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	72.00	20.50	67
6300554	11549410	MSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	72.54	21.03	67
6300637	11543080	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	79.11	11.48	64
6300642	11548080	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	73.77	12.80	105
6300643	11540080	MSB	EU	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	75.39	12.73	104
6300645	11546070	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	75.29	17.47	104
6300646	11467700	MSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	79.01	6.61	66
6300647	11542420	MSB	UP	680	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	78.41	-2.11	66
6300648	11543410	MSB	UP	693	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	79.67	15.04	66
6300649	11545420	MSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	81.21	11.01	67
6400522	11029150	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	63.83	-34.18	237
6400523	11757730	MSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	61.14	-10.12	125
6400524	10825640	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	63.34	-31.56	98
6400525	10824120	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	63.59	-34.53	98
6400526	11932580	MSB	UP	489	-	-	X	X	X	-	-	X	-	-	-	T	1009-3009	62.57	-9.98	23
6400527	11549160	MSB	UP	321	-	-	X	X	X	-	-	X	-	-	-	T	1709-3009	63.57	-17.23	18
6400620	11756730	MSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	62.35	-23.73	122
6400622	11886820	PSB	UP	718	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	65.39	-37.91	69
6500591	11887820	PSB	UP	717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	59.17	-31.72	70

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

WMO	Telcom	Typ	Ow	End_Date	Lat	Lon	Age	Cause
4400609	10821540	MSB	EU	20120902	45.3	-50.3	220	Battery (quickly drained)
4400729	11462700	MSB	UP	20120907	59.7	-35.7	55	Unknown
4400747	11029160	MSB	EU	20120924	39.6	-26.8	238	AP failed
4400863	13015840	MSB	EU	20120924	39.4	-24.1	234	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
2500619	57010	MIB	EU	718	-	X	-	-	X	-	-	-	-	-	-	T	0109-3009	85.73	-10.43	384
4400723	10825630	MSB	EU	717	-	-	-	-	X	-	-	X	-	-	-	T	0109-3009	59.04	-35.97	98
4400747	11029160	MSB	EU	717	-	-	S	S	X	-	-	X	-	-	-	T	0109-3009	39.56	-26.80	238

----- 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		627	-	-	X	X	-	-	-	X	-	-	-	L	0109-3009	28.09	-27.31
1300569	71026	AOML		719	-	-	X	X	X	-	-	-	-	-	-	L	0109-3009	36.37	-61.94
1300570	40180	AOML		717	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	32.19	-25.41
1300577	114638	LODY		1052	-	-	X	-	X	-	-	X	-	-	X	T	0709-3009	26.57	-36.17
1300600	43869	AOML		716	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	32.79	-27.36
1300621	44096	AOML		608	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	22.11	-39.04
1300635	44115	AOML		619	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	26.30	-47.76
3100723	109459	LODY		1384	-	-	X	-	X	-	-	X	-	-	X	T	0109-3009	9.09	-45.03
4100596	11466820	CMM		717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	13.09	-45.85
4100597	11542410	CMM		717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	19.55	-45.48
4100598	11545410	CMM		717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	13.42	-51.14
4100599	11546410	CMM		717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	5.64	-43.11
4100600	11562080	CMM		717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	24.96	-38.39
4100601	11567080	CMM		717	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	22.33	-42.48

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4100607	39252	AOML	717	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	26.96	-69.36
4100616	101618	AOML	717	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	35.74	-54.56
4100633	114634	LODY	1794	-	-	X	-	X	-	-	X	-	-	X	T	0109-3009	25.40	-35.72
4100634	114632	LODY	1377	-	-	X	-	X	-	-	X	-	-	X	T	0109-3009	25.74	-34.92
4100635	11544420	CMM	83	-	-	X	X	X	-	-	X	-	-	-	T	2709-3009	17.84	-45.93
4100636	11568080	CMM	59	-	-	X	X	X	-	-	X	-	-	-	T	2809-3009	13.23	-48.34
4100676	104127	AOML	716	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	31.31	-26.51
4100695	12724770	AOML	692	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	48.48	-34.06
4100733	36606	LODY	1324	-	-	X	-	X	-	-	X	-	-	X	T	0109-3009	24.76	-40.40
4100734	36609	LODY	1420	-	-	X	-	X	-	-	X	-	-	X	T	0109-3009	24.28	-55.77
4100735	10729990	CMM	717	-	-	X	X	X	-	-	X	-	-	X	T	0109-3009	22.55	-65.78
4100903	12722790	CMM	707	-	-	X	X	X	-	-	X	-	-	-	T	0109-3009	28.24	-67.50
4100924	39190	AOML	717	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	38.09	-37.49
4100945	93003	AOML	638	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	27.87	-65.12
4100960	93006	AOML	671	-	-	X	-	X	-	-	X	-	-	-	L	0109-3009	42.45	-42.02
4300534	114642	AOML	959	-	-	X	-	X	-	-	X	-	-	-	L	2009-3009	40.53	-64.16
4400516	101619	AOML	718	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	33.54	-54.05
4400837	101617	AOML	717	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	29.33	-59.13
4400838	101616	AOML	719	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	35.91	-57.78
4400839	101615	AOML	718	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	31.64	-56.34
4400841	101620	AOML	717	-	-	X	X	X	-	-	X	-	-	-	L	0109-3009	38.94	-47.48
4700550		EC	401	-	-	X	X	X	-	-	X	-	-	-	O	1309-3009	70.79	-69.47
6100786	10200540	CMM	598	-	-	X	X	X	-	-	X	-	-	-	T	0409-3009	42.22	6.36
6100787	73224	CMM	689	-	-	X	X	X	-	-	X	-	-	X	T	0409-3009	42.47	6.54
6100788	11547080	CMM	650	-	-	X	X	X	-	-	X	-	-	X	T	0409-3009	41.89	5.20
6100789	25825	CMM	539	X	-	S	S	X	-	-	-	-	-	-	T	0509-3009	42.16	5.34
6100790	30674	CMM	554	X	-	-	X	-	-	-	-	-	-	-	T	0509-3009	41.92	5.93
6100791	30675	CMM	539	S	-	X	X	X	-	-	-	-	-	-	T	0509-3009	41.94	6.12
6100792	30836	CMM	538	X	-	X	X	X	-	-	-	-	-	-	T	0509-3009	41.89	5.96
6100793	30837	CMM	521	X	-	X	S	X	-	-	-	-	-	-	T	0509-3009	42.53	6.11
6200501	11540090	CMM	384	-	-	X	X	X	-	-	X	-	-	X	T	0109-3009	41.93	-15.60
6200502	11758720	CMM	717	-	-	X	X	X	-	-	X	-	-	X	T	0109-3009	46.18	-22.91
6200503	11758700	CMM	717	-	-	X	X	X	-	-	X	-	-	X	T	0109-3009	47.34	-10.20
6200505	11120780	CMM	714	-	-	X	X	X	-	-	X	-	-	X	T	0109-3009	39.88	-16.27
6200506	11755720	CMM	717	-	-	X	X	X	-	-	X	-	-	X	T	0109-3009	49.93	-28.56
6200513	11127760	CMM	690	-	-	X	X	X	-	-	X	-	-	X	T	0109-3009	40.38	-15.39

----- Abbreviations -----

WMO : WMO id.
 Argos : Argos id.
 Typ : Buoy type
 - first character : Manufacturer (C = ConMar , M = Metocean, P = Pacific Gyre
 T = Technocean, Y = Marlin-Yug...)
 - second character : Main type (F = FGGE, I = ICEB, S = SVP)
 - third character : Sub type (B = barometer buoy, W = Wind buoy,
 S = Salinity buoy)

Ow : Buoy owner (country code or EU for EUCOS, E2 for HRSST-2 buoys, UP for upgraded buoys)
 Owner : Buoy owner for non EUCOS buoys
 Nobs : number of GTS reports received at Meteo-France
 Parameters (X = OK, S = stopped, - = not measured) :
 Wi : Wind
 AT : Air Temperature
 AP : Air Pressure
 dP : Air pressure tendency
 ST : Sea surface Temperature
 Wa : Wave period and height
 Ws : Wave spectra
 Dr : Drogue presence
 Sb : Subsurface temperature
 U : Relative humidity
 SS : Sea surface Salinity

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O : Origin of the reports (T = Argos Toulouse, L = Argos Largo, O = Other)
 Start_end : first and last dates of the month for which GTS data were received at Meteo-France
 Lat : Latitude of the latest position
 Lon : Longitude of the latest position
 Age : Age of the buoy (days)

DepDate : Date of deployment
 DepLat : Latitude of deployment
 Dep Lon : Longitude of Deployment
 From : Harbour of departure

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

----- MOORED BUOYS -----

It must be noticed that Greek and Italian moored buoys no longer report onto the GTS... even not SST and 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	717	X	X	X	X	X	X	X	-	-	X	-	T	0109-3009	43.40	7.80
6100002	Lion	708	X	X	X	X	X	X	X	-	-	X	-	T	0109-3009	42.10	4.70
6200001	Gascogne	718	X	X	X	X	X	X	X	-	-	X	-	O	0109-3009	45.30	-5.00
6200029	K1	705	X	X	X	X	X	X	X	-	-	X	-	O	0109-3009	48.70	-12.50
6200081	K2	707	X	X	X	X	X	X	X	-	-	X	-	O	0109-3009	51.00	-13.20
6200090	M1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.10	-11.20
6200091	M2	713	X	X	X	-	X	X	X	-	-	X	X	O	0109-3009	53.50	-5.40
6200092	M3	713	X	X	X	-	X	X	X	-	-	X	X	O	0109-3009	51.20	-10.50
6200093	M4	476	S	S	-	-	S	-	-	-	-	-	-	-	0109-2009	54.70	-9.10
6200094	M5	436	S	S	S	-	S	-	-	-	-	S	S	-	0109-1909	51.70	-6.70
6200095	M6	713	X	X	X	X	X	X	X	-	-	X	-	O	0109-3009	53.10	-15.90
6200105	K4	636	X	X	X	X	X	X	X	-	-	X	-	O	0109-3009	55.80	-11.40
6200108	K3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.50	-19.50
6200163	Brittany	719	X	X	X	X	X	X	X	-	-	X	-	O	0109-3009	47.50	-8.40
6400045	K5	703	X	X	X	X	X	X	X	-	-	X	-	O	0109-3009	59.10	-11.70
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	702	X	X	X	-	X	X	X	-	-	-	X	O	0109-3009	28.18	-15.82
1300131	Tenerife Sur	616	X	X	X	-	X	X	X	-	-	-	X	O	0409-3009	28.00	-16.58
6100196	C. Begur	321	X	X	X	-	X	X	X	-	-	-	-	O	1709-3009	41.92	3.65
6100197	Mahon	710	X	X	X	-	-	-	-	-	-	-	-	O	0109-3009	39.72	4.42
6100198	C. de Gata	382	S	S	S	-	S	S	-	-	-	-	S	-	0109-1709	36.57	-2.33
6100280	Tarragona	709	X	X	X	-	X	X	X	-	-	-	X	O	0109-3009	40.77	1.47
6100281	Valencia	710	X	X	X	-	X	X	X	-	-	-	X	O	0109-3009	39.47	-0.27
6100417	C. de Palos	707	X	X	X	-	X	X	X	-	-	-	X	O	0109-3009	37.65	-0.32
6100430	Dragonera	710	X	X	X	-	X	X	X	-	-	-	-	O	0109-3009	39.56	2.11
6200024	Bilbao-Visc.	709	X	X	X	-	X	X	X	-	-	-	X	O	0109-3009	43.63	-3.03
6200025	C. de Penas	694	X	X	X	-	X	X	X	-	-	-	X	O	0109-3009	43.73	-6.17
6200082	E. de Bares	424	X	X	X	-	X	X	X	-	-	-	X	O	1309-3009	44.13	-7.69

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6200083 Villano-Sis.	710	X	X	X	-	X	X	X	-	-	-	X	O	0109-3009	43.48	-9.22
6200084 C. Silleiro	710	X	X	X	-	X	X	X	-	-	-	X	O	0109-3009	42.12	-9.43
6200085 G. de Cadiz	710	X	X	X	-	X	X	X	-	-	-	X	O	0109-3009	36.48	-6.97
0 Santander		-	-	-	-	-	-	-	-	-	-	-			43.84	-3.77

Comments:

- The EUCOS buoy is presented in bold characters.

----- Operating ISPRA moored buoys (Italy)

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
6100207		-	-	-	-	-	-	-	-	-	-	-	-			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		179	X	X	X	-	-	-	-	-	-	X	-	O	0109-3009	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		625	X	X	-	-	X	-	-	-	-	-	-	O	0109-3009	54.10	14.20
6600024 Darsser Schwell		-	-	-	-	-	-	-	-	-	-	-	-			54.70	12.70
BAREU68 Cyclofos		715	-	-	X	-	-	-	-	-	-	-	-	O	0109-3009	33.60	31.90

----- 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		337	X	X	-	-	X	-	-	-	-	X	-	L	0109-3009	11.49	-38.40
4100040 West Atlantic		705	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009	14.50	-53.00
4100041 Mid. Atlantic		716	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009	14.50	-46.00
4100043 Porto Rico		700	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009	21.00	-65.00
4100044		718	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009	21.70	-58.70
4100046		714	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009	23.90	-70.90

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4100047		-	-	-	-	-	-	-	-	-	-							27.50	-71.50
4100048	706	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009				32.00	-69.60
4100049	718	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009				27.50	-53.00
4100100 E Guadeloupe		-	-	-	-	-	-	-	-	-	-	-						15.90	-57.90
4100101 E Martinique	706	X	X	X	X	X	X	-	-	-	X	-	T	0109-3009				14.60	-56.20
4100139	422	X	X	X	-	X	-	-	-	-	X	-	L	0109-3009				20.02	-37.86
4200059 Caraibes	718	X	X	X	X	X	X	-	-	-	-	-	O	0109-3009				15.00	-67.50
4400008 A Nantucket	716	X	X	X	X	X	X	-	-	-	X	-	O	0109-3009				40.50	-69.40
4400011 D Georges Bk	718	X	X	X	X	X	X	-	-	-	-	-	O	0109-3009				41.10	-66.60
4400018 SE Cape Cod		-	-	-	-	-	-	-	-	-	-	-						41.30	-69.30
4400024 NNE Channel	686	X	X	X	X	X	X	-	-	-	-	-	O	0109-3009				42.30	-65.90
4400137 E Scotia Sl.	705	X	X	X	X	X	X	-	-	-	-	-	O	0109-3009				42.30	-62.00
4400138 SW Gd Banks		-	-	-	-	-	-	-	-	-	-	-						44.30	-53.60
4400139 Beanquereau	708	X	X	X	X	X	X	-	-	-	-	-	O	0109-3009				44.30	-57.10
4400140 Tail of Bk	116	S	-	S	S	S	S	-	-	-	-	-		0909-1809				43.80	-51.70
4400141 Larentian F		-	-	-	-	-	-	-	-	-	-	-						43.00	-58.00
4400150 La Have Bk	717	X	X	X	X	X	X	-	-	-	-	-	O	0109-3009				42.50	-64.00

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Buoy-QC statistics from Meteo-France model outputs

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

Air Pressure (hPa), drifting buoys, September 2012

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20120930	2500615	13409520	717	0	-0.2	0.3
20120930	2500616	11549100	489	0	-0.0	0.3
20120930	2500617	11540100	489	0	-0.1	0.3
20120930	2500620	11541100	717	0	-0.2	0.3
20120930	2500621	11545080	717	0	-0.3	0.4
20120930	2500622	11540110	632	0	-0.2	0.3
20120910	2500623	96838	48	0	0.9	0.2
20120930	2600555	11545100	273	0	-0.1	0.3
20120930	2600556	11549080	155	0	0.1	0.4
20120930	2600557	11544090	155	0	0.0	0.3
20120930	4100561	39073	716	0	0.0	0.8
20120930	4100596	12053610	717	0	-0.1	0.5
20120930	4100597	12058610	717	0	-0.1	0.4
20120930	4100598	13207690	717	0	-0.1	0.6
20120930	4100599	13016830	717	0	-0.2	0.6
20120930	4100600	12776720	717	0	-0.1	0.3
20120930	4100601	13800460	717	0	-0.1	0.4
20120930	4100637	13801460	107	0	-0.1	0.4
20120930	4100638	10827640	59	0	-0.0	0.6
20120930	4100957	38569	718	0	-0.1	0.5
20120930	4400549	11025170	656	0	0.1	1.3
20120930	4400551	11027150	717	0	-0.3	0.3
20120902	4400609	10821540	27	0	0.1	0.5
20120930	4400612	13015860	717	11	0.2	1.2
20120930	4400615	11023600	717	0	-0.0	0.6
20120930	4400616	11813550	717	0	0.0	0.5
20120930	4400620	11022170	717	0	-0.2	0.3
20120930	4400622	11881820	718	0	0.0	0.6
20120930	4400625	11502100	717	0	0.2	0.7
20120930	4400626	11814550	717	0	-0.0	0.3
20120930	4400627	11028170	717	0	0.0	0.4
20120930	4400629	11021160	717	0	0.0	0.4
20120930	4400630	13015830	717	0	-0.0	0.3
20120930	4400685	12762900	709	0	0.4	0.6
20120930	4400686	12469250	712	0	0.1	0.5
20120930	4400687	12294040	712	1	-0.1	0.7
20120930	4400721	13805460	717	0	0.1	0.5
20120930	4400724	13300270	717	0	-0.4	0.5
20120930	4400725	11027170	717	0	-0.0	0.5
20120930	4400726	11023190	717	0	-0.3	0.6
20120930	4400727	11026170	717	0	-0.0	0.6
20120930	4400728	11020190	717	0	0.0	0.4
20120907	4400729	11462700	171	0	-0.3	0.4
20120930	4400730	11846540	717	0	-0.2	0.6
20120930	4400739	11023610	716	1	0.0	0.5
20120930	4400740	11883820	718	0	-0.0	0.4
20120930	4400741	11688230	155	0	-0.0	0.3
20120930	4400742	11689410	155	0	-0.1	0.4
20120930	4400744	13805450	717	0	-0.0	0.5
20120930	4400745	13010870	717	0	-0.1	0.4
20120930	4400746	13357510	698	0	0.1	0.5
20120924	4400747	11029160	562	10	-0.5	2.2
20120930	4400760	11880820	718	0	0.2	0.4
20120930	4400761	11883770	718	0	0.1	0.5
20120930	4400767	11919510	717	0	0.0	0.3
20120930	4400768	11912520	681	0	0.3	0.3
20120930	4400769	11845540	717	0	-0.6	0.7
20120930	4400772	11544410	717	0	-0.1	0.6
20120930	4400774	11460700	717	0	-0.0	0.6

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20120930	4400775	11540170	716	0	-0.3	0.8
20120930	4400776	11844540	716	0	-0.0	0.6
20120930	4400777	11885820	718	0	0.2	0.5
20120930	4400778	11463700	717	0	-0.1	0.4
20120930	4400779	11885820	717	1	-0.0	0.8
20120930	4400780	11880840	718	0	0.0	0.8
20120930	4400835	83420	718	0	0.0	0.5
20120930	4400844	37533	717	0	0.1	0.4
20120924	4400863	13015840	556	0	0.2	0.3
20120930	4400864	13614150	717	0	0.2	0.3
20120930	4400865	11022610	717	0	0.2	0.3
20120930	4400866	11020180	717	0	0.0	0.5
20120930	4400867	11022740	717	0	-0.1	0.4
20120930	4400869	11026040	717	0	0.1	0.3
20120930	4400871	11025180	717	8	-0.1	0.9
20120930	4400872	11027700	717	0	0.3	0.3
20120930	4400873	11022600	717	0	0.2	0.5
20120930	4400874	11023040	717	0	0.1	0.3
20120930	4400875	11021610	717	0	0.3	0.5
20120930	4400885	39086	715	0	0.3	0.4
20120930	4800662	10822620	717	0	0.2	0.5
20120930	4800663	10822640	716	0	0.0	0.5
20120930	6200511	11026160	717	0	-0.2	0.4
20120930	6200518	11024270	717	0	0.0	0.5
20120930	6200519	13114260	717	0	0.1	0.5
20120930	6200520	13611180	717	0	0.1	0.3
20120930	6200521	11688060	225	0	0.0	0.3
20120930	6200522	11680430	225	0	-0.1	0.4
20120930	6200554	11027160	717	0	0.1	0.4
20120930	6200555	11023170	717	0	0.2	0.4
20120930	6200556	11021170	717	1	-0.1	0.5
20120930	6200557	11028160	717	0	-0.1	0.3
20120930	6200558	11023180	717	0	0.0	0.4
20120930	6200677	11022050	269	0	0.1	0.4
20120930	6200678	11029050	717	0	-0.0	0.5
20120930	6200682	11541080	639	0	-0.1	0.4
20120930	6200683	11541170	717	0	-0.1	0.5
20120930	6200684	11882820	718	0	-0.1	0.5
20120930	6200685	11461700	717	0	-0.1	0.5
20120930	6200686	11845450	717	0	-0.2	0.5
20120930	6200696	11917510	717	0	0.3	0.3
20120930	6200697	12291040	717	0	-0.1	0.3
20120930	6200722	37773	716	0	0.0	0.2
20120930	6200724	39074	716	0	-0.1	0.3
20120930	6300551	11547410	607	0	-0.1	0.4
20120930	6300552	11548400	717	0	-0.1	0.3
20120930	6300553	11549400	717	0	-0.0	0.3
20120930	6300554	11549410	717	0	-0.1	0.3
20120930	6300637	11543080	717	0	-0.2	0.3
20120930	6300642	11548080	717	0	0.0	0.3
20120930	6300643	11540080	718	0	-0.2	0.3
20120930	6300645	11546070	717	0	-0.2	0.3
20120930	6300646	11467700	717	0	-0.1	0.3
20120930	6300647	11542420	680	0	-0.1	0.9
20120930	6300648	11543410	717	0	-0.2	0.4
20120930	6300649	11545420	717	0	-0.2	0.4
20120930	6400522	11029150	717	0	-0.2	0.5
20120930	6400523	11757730	717	0	0.1	0.6
20120930	6400524	10825640	717	0	0.4	0.5
20120930	6400525	10824120	717	0	0.3	0.5
20120930	6400526	11932580	489	0	0.0	0.5
20120930	6400527	11549160	321	0	0.2	0.4
20120930	6400620	11756730	717	0	0.0	0.5
20120930	6400622	11886820	718	0	0.0	0.5
20120930	6500591	11887820	717	0	0.0	0.6

Air Pressure (hPa), moored buoys, September 2012

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20120930	1300130		702	0	0.6	0.6
20120930	1300131		616	0	0.5	0.6
20120930	6100001		717	0	0.2	0.5
20120930	6100002		708	0	0.0	0.6
20120930	6100010		179	0	-0.8	0.5

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20120930	6100196	321	0	0.4	0.6
20120930	6100197	710	0	0.5	0.6
20120917	6100198	382	0	0.3	0.6
20120930	6100280	709	0	0.6	0.7
20120930	6100281	710	0	0.5	0.7
20120930	6100417	707	0	0.5	0.7
20120930	6100430	710	0	-0.3	0.6
20120930	6200001	718	0	0.1	0.5
20120930	6200024	709	0	0.3	0.6
20120930	6200025	694	0	0.5	0.6
20120930	6200029	705	1	0.0	0.8
20120930	6200081	707	0	0.1	0.4
20120930	6200082	424	0	0.6	0.6
20120930	6200083	710	0	0.5	0.6
20120930	6200084	710	0	0.3	0.6
20120930	6200085	710	0	0.4	0.6
20120930	6200091	713	0	0.1	0.5
20120930	6200092	713	0	0.1	0.4
20120919	6200094	436	0	0.9	0.4
20120930	6200095	693	2	0.2	0.8
20120930	6200105	636	0	-0.1	0.4
20120930	6200163	719	0	0.2	0.4
20120930	6400045	703	0	0.0	0.6

Air Temperature (C), drifting buoys, September 2012

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20120930	2500619	57010	718	0	-0.6	2.6

Air Temperature (C), moored buoys, September 2012

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20120930	1300130		702	0	-0.9	0.8
20120930	1300131		615	0	0.1	0.7
20120930	6100001		717	0	-1.4	0.8
20120930	6100002		708	0	-0.4	0.7
20120930	6100010		179	0	-0.1	0.8
20120930	6100196		321	0	-1.0	0.6
20120930	6100197		710	0	1.7	0.6
20120917	6100198		377	0	0.0	1.2
20120930	6100280		709	0	-0.2	0.6
20120930	6100281		710	0	-0.1	0.7
20120930	6100417		707	0	-0.1	0.7
20120930	6100430		710	0	0.0	0.6
20120930	6200001		718	0	-0.1	0.6
20120930	6200024		709	0	0.4	0.7
20120930	6200025		693	0	-0.9	1.0
20120930	6200029		705	0	-0.3	0.5
20120930	6200081		707	0	-0.3	0.5
20120930	6200082		424	0	-0.4	0.6
20120930	6200083		710	0	-0.2	0.7
20120930	6200084		710	0	-0.0	0.8
20120930	6200085		710	0	0.3	0.7
20120930	6200091		713	0	-0.1	0.4
20120930	6200092		713	0	-0.7	0.4
20120920	6200093		476	0	-0.1	0.5
20120919	6200094		436	0	0.0	0.5
20120930	6200095		713	1	-0.4	0.5
20120930	6200105		636	0	-0.1	0.5
20120930	6200163		719	0	-0.2	0.6
20120930	6400045		703	0	-0.4	0.4
20120930	6600022		621	0	0.1	0.7

Wind direction (deg.), moored buoys, September 2012

Datend	WMO	Telcom	Recvd	GE	Bias	Std
20120913	1300130		198	0	23	12
20120930	1300131		610	68	5	40
20120930	6100001		711	32	0	25

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20120930	6100002	708	13	-3	20
20120930	6100010	179	5	-9	31
20120930	6100196	315	7	-30	23
20120930	6100197	697	22	-11	24
20120917	6100198	363	14	-8	23
20120930	6100280	653	18	7	30
20120930	6100281	671	44	8	33
20120930	6100417	684	20	-0	25
20120930	6100430	698	48	-9	30
20120930	6200001	718	11	-3	17
20120913	6200024	283	81	70	52
20120930	6200025	687	20	4	29
20120930	6200029	700	1	-0	17
20120930	6200081	707	0	-5	15
20120930	6200082	422	2	-11	16
20120930	6200083	696	59	7	37
20120930	6200084	694	10	6	21
20120930	6200085	692	36	-6	30
20120930	6200091	712	0	1	17
20120930	6200092	712	0	5	14
20120920	6200093	476	0	5	13
20120919	6200094	436	4	4	17
20120930	6200095	710	0	-4	12
20120930	6200105	636	0	1	12
20120930	6200163	718	9	-4	19
20120930	6400045	703	0	-4	11
20120930	6600022	615	7	-8	17

Wind speed rate, moored buoys, September 2012

Datend	WMO	Telcom	Recvd	GE	Rate	Err
20120913	1300130		198	0	0.9	2.1
20120930	1300131		610	0	1.3	2.1
20120930	6100001		711	1	1.1	1.7
20120930	6100002		708	0	1.2	1.7
20120930	6100010		179	0	1.2	2.1
20120930	6100196		315	0	1.0	2.4
20120930	6100197		697	0	1.3	2.1
20120917	6100198		363	0	1.0	1.9
20120930	6100280		653	0	0.9	2.2
20120930	6100281		671	0	1.3	1.6
20120930	6100417		684	0	1.0	1.4
20120930	6100430		698	0	1.4	1.9
20120930	6200001		718	0	1.0	1.2
20120913	6200024		283	0	1.3	1.3
20120930	6200025		687	0	0.8	2.0
20120930	6200029		700	0	1.0	0.9
20120930	6200081		707	1	1.0	1.1
20120930	6200082		422	0	0.8	1.5
20120930	6200083		696	5	0.8	1.8
20120930	6200084		694	0	1.0	1.4
20120930	6200085		692	0	1.0	1.5
20120930	6200091		712	0	1.0	1.4
20120930	6200092		712	0	0.9	1.4
20120920	6200093		476	0	0.9	1.3
20120919	6200094		436	0	1.0	1.3
20120930	6200095		710	0	1.0	1.0
20120930	6200105		636	0	1.0	1.1
20120930	6200163		718	0	1.0	1.0
20120930	6400045		703	0	1.0	1.4
20120930	6600022		615	2	1.2	1.1

Comments on QC statistics :

Air pressure

1. Metocean Iridium buoy WMO **4400612** reported a few wrong pressure values onto the GTS in September but the transmission was not stopped because the problem did not continue.
2. For an unknown reason, Metocean Iridium buoy WMO **4400747** reported a few wrong pressure values onto the GTS before the transmission was stopped for this parameter on the 24th of September.

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Air temperature

3. Air temperature values reported by Spanish moored buoy WMO **6100197** seem still too high. According to Meteo-France NWP model, this was also the case for French Nice buoy (WMO **6100001**).

Wind

4. The GTS transmission was stopped for wind data reported by Spanish moored buoy WMO **6200024** on 13th September after they were found unreliable.

Monthly QC statistics and other data quality control tools are available on line at :
<http://www.meteo.shom.fr/qctools/>

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