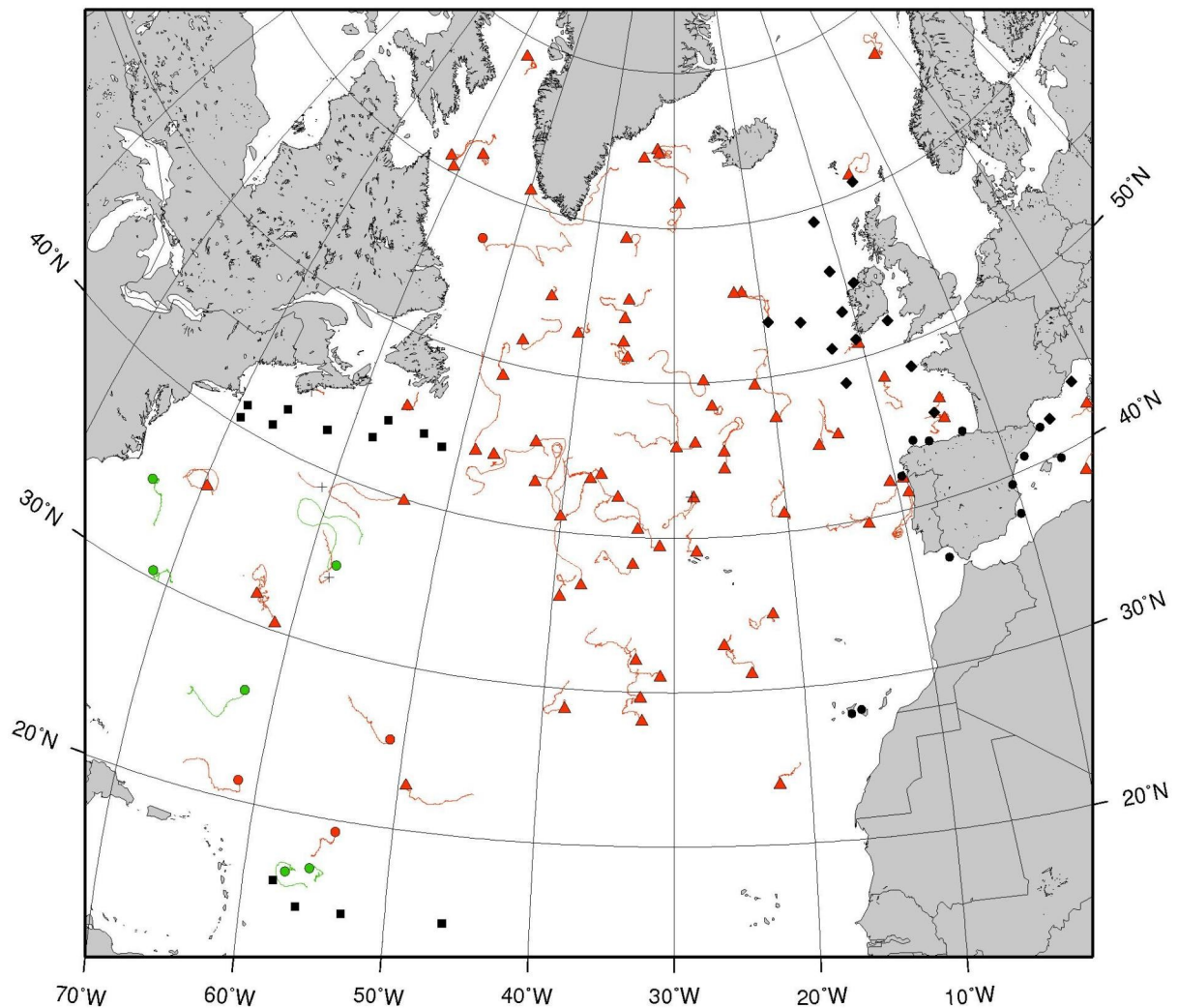


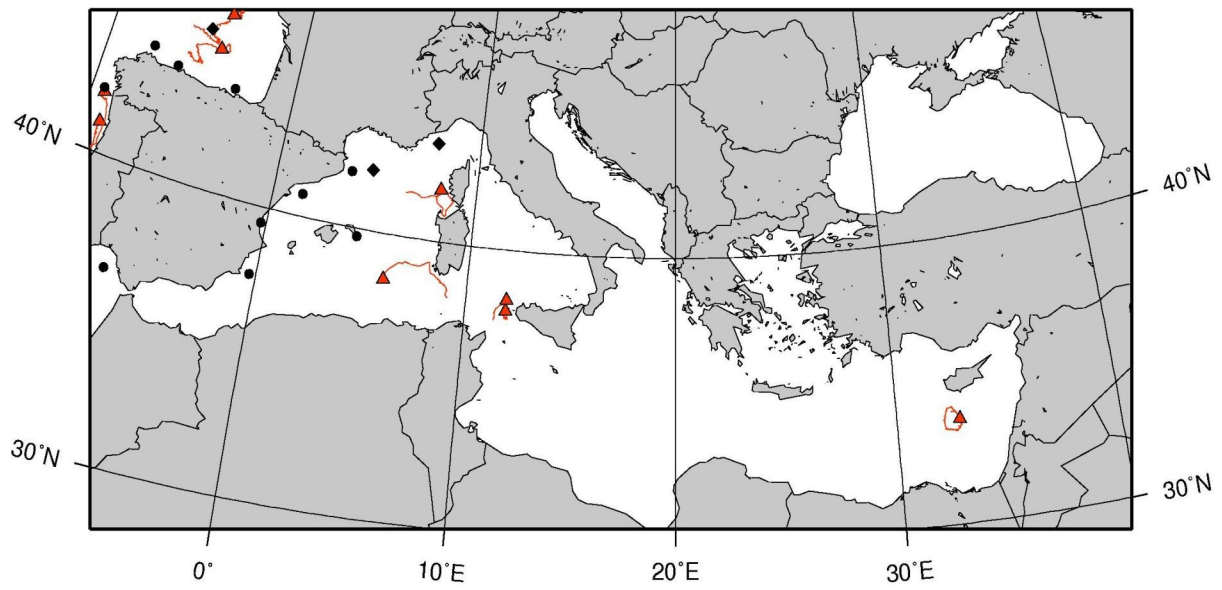
## DATA BUOY MONTHLY REPORT

October 2006



October 2006 - Operating data buoys in the North Atlantic  
Drifting buoy trajectories and moored buoy positions

**E-SURFMAR DB Monthly Report  
October 2006**



October 2006 - Operating data buoys in the Mediterranean Sea  
Drifting buoy trajectories and moored buoy positions

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

By the end of October 2006, **75 drifting buoys**, reporting air pressure or wind at least, were in operation in the EUCOS area, including 5 in the Mediterranean Sea. Out of these, 23 were upgraded buoys. In addition, one buoys was only reporting SST.

Clearwater provided three SVP-B drifters as substitute for those which failed at deployment a few weeks ago. All three were deployed in the Mediterranean Sea and are correctly working.

The listing of operating drifting buoys includes two IceAir buoys deployed on August 4<sup>th</sup>, 2006: WMO 25524 and 25535 which are not counted among operational drifting buoys in the EUCOS area.

Information about available buoys 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)

We still expect to have 80 drifting buoys operating in the EUCOS area by the end of the year.

Météo-France deployed its first Iridium SVP-B prototype off Spain on October 26<sup>th</sup> thanks to a French Navy ship. Raw data have been received at Météo-France and processed in real-time for GTS transmission (FM18-BUOY code). WMO Id. is 62508 and bulletin headers are SSVX13 LFPW. The data transmission works perfectly. A second prototype will be deployed between the Channel and Newfoundland from a container carrier in mid-November.

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**Drifting buoys - New deployments**

WMO	Argos	Typ	Ow	Dep_Date	DepLat	DepLon	From	Comment
44621	66735	MSB	EU	20061002	53.3	-44.9	Reykjavik	
44622	66738	MSB	EU	20061003	50.4	-50.2	Reykjavik	
61871	70248	WSB	UP	20061003	34.1	32.9	La Spezia?	
61877	70247	WSB	UP	20061021	37.8	11.6	La Spezia?	
61880	70249	WSB	UP	20061023	37.5	11.2	La Spezia?	
62577	66734	MSB	EU	20061001	58.0	-34.9	Reykjavik	
64618	66733	MSB	EU	20061001	60.0	-31.2	Reykjavik	
65581	42490	MSB	EU	20061015	62.4	-60.0	Halifax	

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**Operating drifting buoys by the end of the month**

WMO	Argos	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
13534	52187	TSB	FR	735	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	30.42	-61.30	720
25534	66739	CIB	EU	1445	-	X	X	X	-	-	-	-	-	-	-	T	0110-3110	82.48	-179.77	88
25535	66740	CIB	EU	1451	-	X	X	X	-	-	-	-	-	-	-	T	0110-3110	84.48	-168.10	88
44607	52190	TSB	FR	1147	-	-	X	X	X	-	-	-	-	-	-	T	0110-3110	32.06	-33.03	693
44609	52192	TSB	FR	735	-	-	X	X	X	-	-	-	-	-	-	T	0110-3110	41.01	-9.12	632
44611	52178	MSB	FR	712	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	61.17	-5.39	630
44613	42494	MSB	EU	738	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	43.55	-37.73	220
44614	42495	MSB	EU	725	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	43.93	-36.77	220
44615	52183	MSB	FR	722	-	-	X	X	X	-	-	-	-	-	-	T	0110-3110	39.68	-13.04	628
44617	42812	MSB	EU	726	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	36.69	-37.76	219
44620	42487	MSB	EU	734	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	45.45	-43.19	219
44621	66735	MSB	EU	681	-	-	X	X	X	-	-	X	-	-	-	T	0310-3110	51.62	-46.36	30
44622	66738	MSB	EU	661	-	-	X	X	X	-	-	X	-	-	-	T	0310-3110	44.14	-48.61	29
44722	52258	MSB	UK	573	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	50.89	-10.35	743
44723	52259	MSB	UK	742	-	-	X	X	X	-	-	-	-	-	-	T	0110-3110	60.93	-61.71	745
44725	21183	MSB	UK	738	-	-	X	X	X	-	-	S	-	-	-	T	0110-3110	51.54	-35.01	685
44728	52244	MSB	UK	727	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	55.56	-22.06	629
44742	52180	MSB	FR	730	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	52.74	-40.62	351
44745	42650	MSB	FR	815	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	32.99	-26.06	321
44761	52181	MSB	FR	537	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	45.15	-16.24	407
44762	46358	MSB	EU	738	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	52.51	-35.54	295
44763	44874	MSB	EU	735	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	54.78	-44.21	294
44764	44873	MSB	EU	736	-	-	X	X	X	-	-	S	-	-	-	T	0110-3110	45.82	-29.82	293
44765	42815	MSB	EU	731	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	41.18	-20.29	266

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44766	42939	MSB	EU	736	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	42.93	-42.71	266
44767	44878	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	42.52	-35.08	267
44768	44877	MSB	EU	743	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	68.76	-57.92	265
44769	44881	MSB	EU	735	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	45.52	-55.80	265
44770	44272	MSB	EU	736	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	54.04	-35.59	265
44771	46359	MSB	EU	739	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	49.15	-47.58	263
44772	42488	MSB	EU	725	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	46.11	-27.98	254
44773	42811	MSB	EU	733	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	35.85	-39.45	254
44774	42661	MSB	EU	730	-	-	X	X	S	-	-	-	-	-	-	T	0110-3110	39.43	-31.26	247
44776	44875	MSB	EU	738	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	55.25	-35.27	240
44777	43739	MSB	EU	730	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	55.59	-23.00	239
44778	43745	MSB	EU	729	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	50.09	-26.98	238
44779	45885	MSB	EU	717	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	45.63	-14.30	225
44780	44871	MSB	EU	729	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	47.36	-20.00	224
44845	55311	TSB	UP	729	-	-	X	X	-	-	-	-	-	-	-	L	0110-3110	48.36	-8.72	557
44846	55313	TSB	UP	730	-	-	X	X	-	-	-	X	-	-	-	L	0110-3110	46.02	-4.13	559
44847	55315	TSB	UP	912	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	28.11	-32.46	560
44848	55316	TSB	UP	729	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	28.71	-38.36	559
44850	55318	TSB	UP	731	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	31.08	-23.93	465
44901	55321	TSB	UP	719	-	-	X	X	X	-	-	-	-	-	-	L	0110-3110	29.63	-32.61	464
44909	63857	TSB	UP	726	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	44.14	-46.88	47
44913	55304	TSB	UP	728	-	-	X	X	X	-	-	S	-	-	-	L	0110-3110	39.07	-28.07	165
44914	63846	TSB	UP	731	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	30.98	-31.09	167
44918	63837	TSB	UP	731	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	36.03	-69.71	117
44919	63838	TSB	UP	728	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	38.21	-33.52	116
44920	63839	TSB	UP	1000	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	40.50	-33.20	115
44921	63840	TSB	UP	730	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	42.59	-28.23	115
44922	63860	TSB	UP	725	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	40.98	-40.11	46
44923	63861	TSB	UP	733	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	39.91	-53.77	44
44924	63859	TSB	UP	732	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	44.36	-25.33	48
61502	66717	MSB	FR	606	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	41.81	8.21	39
61503	66718	MSB	FR	545	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	38.42	5.99	38
61871	70248	WSB	UP	457	-	-	X	X	X	-	-	X	-	-	-	L	0610-3110	33.66	32.82	30
61877	70247	WSB	UP	142	-	-	X	X	X	-	-	X	-	-	-	L	2310-3110	37.87	11.94	11
61880	70249	WSB	UP	124	-	-	X	X	X	-	-	X	-	-	-	L	2310-3110	38.25	11.95	11
62510	52189	TSB	FR	734	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	22.75	-49.46	721
62515	34408	TSB	FR	1250	-	-	X	X	X	-	-	-	-	-	-	T	0110-3110	44.77	-4.25	486
62556	42790	TSB	FR	736	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	31.66	-63.24	932
62564	42649	MSB	FR	741	-	-	X	X	X	-	-	-	-	-	-	T	0110-3110	34.81	-21.99	858
62569	52250	MSB	UK	740	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	60.95	-49.96	429
62572	42646	MSB	FR	814	-	-	X	X	X	-	-	-	-	-	-	T	0110-3110	23.87	-22.29	327
62574	46247	MSB	EU	710	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	49.58	-21.73	225
62575	44883	MSB	EU	725	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	48.46	-26.22	225
62577	66734	MSB	EU	707	-	-	X	X	X	-	-	X	-	-	-	T	0210-3110	59.21	-36.22	31
62901	63858	TSB	UP	719	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	45.45	-25.29	45
62934	55314	TSB	UP	720	-	-	X	X	X	-	-	-	-	-	-	L	0110-3110	41.99	-9.32	557
62935	55319	TSB	UP	968	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	41.97	-10.53	456
64615	44880	MSB	EU	743	-	-	X	X	-	-	-	X	-	-	-	T	0110-3110	61.89	-57.83	297
64616	44876	MSB	EU	747	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	65.03	-32.67	266
64617	42814	MSB	EU	740	-	-	X	X	X	-	-	X	-	-	-	T	0110-3110	64.77	-32.38	241
64618	66733	MSB	EU	711	-	-	X	X	X	-	-	X	-	-	-	T	0210-3110	61.54	-29.33	31
64929	55309	TSB	UP	748	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	67.09	6.32	500
65581	42490	MSB	EU	377	-	-	X	X	X	-	-	X	-	-	-	T	1610-3110	60.39	-60.81	17

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

WMO	Argos	Typ	Ow	End_Date	Lat	Lon	Age	Cause
44729	52247	MSB	UK	20061016	44.0	-64.6	576	Ashore
62560	37396	MSB	FR	20061009	42.7	-28.5	834	Faded
62573	42810	MSB	EU	20061003	38.4	-9.1	227	Picked up
64614	52184	MSB	FR	20061027	64.4	-34.6	350	Faded

### ----- Non-operating drifting buoys reporting GTS data

WMO	Argos	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon	Age
44744	34411	TSB	FR	728	-	-	-	-	X	-	-	-	-	-	-	T	0110-3110	29.39	-16.04	1170

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**Non-operating drifting buoys stopping**

WMO	Argos	Typ	Ow	End_Date	Lat	Lon	Age	Cause
44849	55317	TSB	UP	20061006	44.4	-16.2	442	Ashore
64612	54744	MSB	NL	20061017	66.1	-0.5	647	Faded

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**Other operating drifting buoys into the EUCOS area of interest by the end of the month**

WMO	Argos	Typ	Ow	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
13626	62071	GDC		889	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	8.13	-21.76
13904	62073	GDC		730	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	6.88	-13.03
13972	15508	CMM		612	X	-	X	-	X	-	-	-	-	-	-	T	0110-3110	5.36	1.94
13979	15534	LODY		583	X	-	-	-	-	-	-	-	-	-	-	T	0110-3110	3.48	-0.47
15951	15510	CMM		599	X	-	X	-	X	-	-	-	-	-	-	T	0110-3110	3.38	6.86
41535	34820	NAVO		743	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	19.31	-54.02
41625	56019	NAVO		699	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	25.41	-51.05
41643	56022	NAVO		708	X	-	X	X	X	-	-	X	-	-	-	L	0110-3110	34.88	-57.83
41646	56024	NAVO		627	X	-	X	X	X	-	-	X	-	-	-	L	0110-3110	26.20	-62.26
41655	39580	NAVO		719	X	-	X	X	X	-	-	X	-	-	-	L	0110-3110	10.67	-37.83
41656	39581	NAVO		711	X	-	X	X	X	-	-	X	-	-	-	L	0110-3110	16.53	-57.16
41657	39787	NAVO		711	X	-	X	X	X	-	-	X	-	-	-	L	0110-3110	16.94	-55.49
41658	39789	NAVO		717	-	-	X	X	X	-	-	X	-	-	-	L	0110-3110	21.13	-61.40
62508	i8430	CMM		35	-	-	X	X	X	-	-	-	-	-	-	T	3010-3110	45.42	-10.25
63529				2629	-	X	X	-	X	-	-	-	-	-	-	T	0110-3110	57.07	-53.97

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**MOORED BUOYS**  
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**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
61001	Cote d'Azur	724	X	X	X	X	X	X	X	-	-	X	-	O	0110-3110	43.40	7.80
<b>61002</b>	<b>Lion</b>	<b>471</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>0110-3110</b>	<b>42.10</b>	<b>4.70</b>
62001	Gascogne	744	X	X	S	S	X	X	-	-	X	-	O	0110-3110	45.30	-5.00	
62029	K1	744	X	X	X	X	X	X	-	-	X	-	O	0110-3110	48.70	-12.50	
62052	Ushant	647	X	X	X	X	-	X	-	-	X	-	O	0410-3110	48.50	-5.80	
62081	K2	745	X	X	X	X	X	X	-	-	X	-	O	0110-3110	51.00	-13.20	
62090	M1	699	X	X	X	X	X	X	-	-	X	-	O	0210-3110	53.10	-11.20	
62091	M2	225	S	S	S	S	S	S	-	-	S	-	O	0110-1010	53.50	-5.40	
62092	M3	744	X	X	X	X	X	X	-	-	X	-	O	0110-3110	51.20	-10.50	
62093	M4	744	X	X	X	X	X	X	-	-	X	-	O	0110-3110	54.70	-9.10	
62094	M5	745	X	X	X	X	X	X	-	-	X	-	O	0110-3110	51.70	-6.70	
<b>62095</b>	<b>M6</b>	<b>744</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>	
62105	K4	744	-	X	X	X	X	X	-	-	X	-	O	0110-3110	55.80	-11.40	
62108	K3	741	X	X	X	X	X	X	-	-	X	-	O	0110-3110	53.50	-19.50	
62163	Brittany	10	S	X	X	X	X	X	-	-	S	-	O	0110-3110	47.50	-8.40	
<b>64045</b>	<b>K5</b>	<b>745</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>	
64046	K7	744	X	X	X	X	X	X	-	-	X	-	O	0110-3110	60.70	-5.20	

Comments:

1. EUCOS moored buoys are presented in bold characters.
2. Lion buoy reported only 63% of the expected reports during October.
3. Air pressure measurements failed on Gascogne moored buoy on October 23<sup>rd</sup>.
4. Ushant and M1 have been operational back since the 4<sup>th</sup> and the 2<sup>nd</sup> of October, respectively.
5. M2 moored buoy failed on October 10<sup>th</sup>.
6. Brittany moored buoy has been reporting a very few data since July 17<sup>th</sup>.

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**Operating EGOS moored buoys (Seawatch and Wavescans)**

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
13130	Gran Canaria		X	X	X	-	X	X	X	-	-	-	-	O		28.18	-15.82
13131	Tenerife Sur		X	X	-	-	X	X	X	-	-	-	-	O		28.00	-16.58
61196	C. Begur		X	X	X	-	-	X	X	-	-	-	-	O		41.92	3.65
61197	Mahon		X	X	X	-	-	X	X	-	-	-	-	O		39.72	4.42
61198	C. de Gata		-	-	-	-	-	-	-	-	-	-	-			36.57	-2.33
61199	M. Alboran		-	-	-	-	-	-	-	-	-	-	-			36.23	-5.03
61280	Tarragona		X	X	X	-	X	X	X	-	-	-	-	O		40.77	1.47
61281	Valencia		X	-	X	-	-	X	X	-	-	-	-	O		39.47	-0.27
62024	Bilbao-Visc.		X	X	X	-	-	X	X	-	-	-	-	O		43.63	-3.03
62025	C. de Penas		X	X	X	-	-	X	X	-	-	-	-	O		43.73	-6.17
62082	E. de Bares		X	X	X	-	X	X	X	-	-	-	-	O		44.07	-7.62
62083	Villano-Sis.		-	-	-	-	-	-	-	-	-	-	-			43.48	-9.22
<b>62084</b>	<b>C. Silleiro</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>42.12</b>	<b>-9.40</b>
62085	G. de Cadiz		X	X	X	-	X	X	X	-	-	-	-	O		36.48	-6.97
?????	C. de Palos		X	X	X	-	X	X	X	-	-	-	-	?		37.65	-0.32

Comments:

- GTS BUFR data monitoring tools are not yet available. This explains why the number reports and the observation period are missing.
- The snapshot for Seawatch and Wavescan buoys is dated November 6<sup>th</sup>.
- The EUCOS buoy is presented in bold characters.

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**Other moored buoys into the EUCOS area of interest**

WMO	Name	nobs	Wi	AT	AP	dP	ST	Wa	Ws	Dr	Sb	U	SS	O	Start_end	Lat	Lon
41040	West Atlantic	736	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	14.50	-53.00
41041	Mid. Atlantic	734	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	14.50	-46.00
41100	E Guadeloupe	741	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	15.90	-57.90
41101	E Martinique	743	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	14.60	-56.20
44008	A Nantucket	743	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	40.50	-69.40
44011	D Georges Bk	741	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	41.10	-66.60
44018	SE Cape Cod	730	X	X	X	X	X	X	-	-	-	X	-	O	0110-3110	41.30	-69.30
44024	NNE Channel	719	X	X	X	X	X	X	-	-	-	-	-	O	0110-3110	42.30	-65.90

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44137	E Scotia Sl.	556	X	X	X	X	X	X	-	-	-	-	-	O	0210-3010	42.30	-62.00
44138	SW Gd Banks	738	X	X	X	X	X	X	-	-	-	-	-	O	0110-3110	44.30	-53.60
44139	Beanquereau	736	X	X	X	X	X	X	-	-	-	-	-	O	0110-3110	44.30	-57.10
44140	Tail of Bk	741	X	X	X	X	X	X	-	-	-	-	-	O	0110-3110	43.80	-51.70
44141	Larentian F	737	X	X	X	X	S	S	-	-	-	-	-	O	0110-3110	43.00	-58.00
44142	La Have Bk		-	-	-	-	-	-	-	-	-	-	-			42.50	-64.00

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

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

Ow : Buoy owner (country code or EU for EUCOS)  
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 tendancy  
    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)  
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.**

**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 2006**

<b>Datend</b>	<b>WMO</b>	<b>Argos</b>	<b>Recvd</b>	<b>GE</b>	<b>Bias</b>	<b>Std</b>
20061031	13534	52187	734	0	-0.5	0.8
<b>20061031</b>	<b>25534</b>	<b>66739</b>	<b>1254</b>	<b>52</b>	<b>0.1</b>	<b>0.9</b>
20061031	25535	66740	1444	0	0.1	0.8
20061031	44607	52190	1145	0	0.0	0.6
20061031	44609	52192	574	0	-0.1	0.7
20061031	44611	52178	710	1	-0.5	1.1
20061031	44613	42494	736	1	0.5	0.8
20061031	44614	42495	722	0	0.4	0.9
20061031	44615	52183	715	1	-0.4	0.9
20061031	44617	42812	723	0	0.5	0.7
20061031	44620	42487	730	0	0.7	0.9
20061031	44621	66735	679	0	-0.1	1.2
20061031	44622	66738	658	1	0.0	1.2
20061031	44722	52258	567	0	-0.5	1.2
20061031	44723	52259	739	0	-0.2	0.8
20061031	44725	21183	734	0	0.4	1.0
20061031	44728	52244	720	0	0.1	1.2
20061016	44729	52247	363	0	-0.7	1.1
20061031	44742	52180	727	0	0.0	1.1
20061031	44745	42650	696	0	0.5	0.7
20061031	44761	52181	537	0	0.0	1.2
20061031	44762	46358	735	0	-0.2	1.1
20061031	44763	44874	729	0	0.0	1.1
20061031	44764	44873	733	1	-0.3	1.1
20061031	44765	42815	725	1	0.1	1.2
20061031	44766	42939	734	0	0.1	0.9
20061031	44767	44878	713	0	0.2	0.8
20061031	44768	44877	742	0	0.0	0.8
20061031	44769	44881	732	0	0.4	1.2
20061031	44770	44272	733	1	-0.1	1.2
20061031	44771	46359	737	0	-0.3	1.3
20061031	44772	42488	724	0	0.6	1.0
20061031	44773	42811	733	0	0.0	0.6
20061031	44774	42661	729	0	0.1	0.7
20061031	44776	44875	735	2	0.1	1.2
20061031	44777	43739	725	0	-0.4	1.2
20061031	44778	43745	725	1	-0.4	0.9
20061031	44779	45885	712	1	0.0	1.2
20061031	44780	44871	727	0	0.0	1.2
20061031	44845	55311	671	1	-0.2	1.1
20061031	44846	55313	649	0	0.1	0.9
20061031	44847	55315	869	0	0.0	0.6
20061031	44848	55316	667	0	0.2	0.5
20061031	44850	55318	671	0	-0.2	0.7
20061031	44901	55321	675	1	0.3	0.6
20061031	44909	63857	660	0	0.1	0.9
20061031	44913	55304	674	0	-0.3	0.8
20061031	44914	63846	675	0	-0.2	0.7
20061031	44918	63837	669	0	-0.1	0.9
20061031	44919	63838	666	0	0.0	0.7
20061031	44920	63839	917	0	0.0	0.8
20061031	44921	63840	663	0	0.1	0.9
20061031	44922	63860	657	0	-0.1	0.8
20061031	44923	63861	660	0	0.3	0.8
20061031	44924	63859	663	1	0.0	1.1
20061031	61502	66717	600	0	0.1	0.6
20061031	61503	66718	541	0	0.3	0.6
20061031	61871	70248	421	0	-0.2	0.5
20061031	61877	70247	126	0	-0.2	0.6
20061031	61880	70249	111	0	-0.3	0.7
20061031	62510	52189	733	0	0.2	0.6
20061031	62515	34408	1246	0	-0.3	0.9
20061031	62556	42790	733	0	0.0	0.7
20061009	62560	37396	104	1	0.2	0.8
20061031	62564	42649	735	0	0.3	0.7
20061031	62569	52250	736	0	0.8	1.0



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20061031	62572	42646	793	10	-0.2	0.6
20061003	62573	42810	48	0	-0.1	0.7
20061031	62574	46247	702	0	0.2	0.9
20061031	62575	44883	721	0	0.1	1.0
20061031	62577	66734	705	2	-0.1	1.0
20061031	62901	63838	646	0	0.3	1.1
20061031	62934	55314	664	0	0.1	0.8
20061031	62935	55319	877	0	-0.2	1.0
20061027	64614	52184	612	0	0.1	0.9
20061031	64615	44880	738	0	-0.1	0.8
20061031	64616	44876	744	3	-0.6	1.0
20061031	64617	42814	737	0	0.0	0.9
20061031	64618	66733	707	0	-0.2	1.0
20061031	64929	55309	674	0	0.2	0.8
20061031	65581	42490	375	0	0.4	0.6

**Air Pressure (hPa), moored buoys, October 2006**

Datend	WMO	Argos	Recvd	GE	Bias	Std
20061031	61001		724	0	-0.2	0.6
20061031	61002		471	0	0.2	0.7
<b>20061025</b>	<b>62001</b>		<b>584</b>	<b>39</b>	<b>0.2</b>	<b>0.9</b>
20061031	62029		744	0	0.0	1.1
20061031	62052		646	0	0.2	1.0
20061031	62081		738	0	0.2	1.1
20061031	62090		699	0	0.0	1.0
20061010	62091		225	0	-0.3	1.1
20061031	62092		744	0	0.1	1.1
20061031	62093		741	0	0.1	1.3
20061031	62094		723	5	-0.2	1.1
20061031	62095		744	0	-0.3	1.1
20061031	62105		744	1	-0.2	1.2
20061031	62108		741	0	0.1	1.2
20061031	62163		10	0	-0.6	0.9
20061031	64045		727	3	-0.4	1.3
20061031	64046		744	1	0.2	1.2

**Air Temperature (C), drifting buoys, October 2006**

Datend	WMO	Argos	Recvd	GE	Bias	Std
<b>20061031</b>	<b>25534</b>	<b>66739</b>	<b>1439</b>	<b>0</b>	<b>3.1</b>	<b>4.5</b>
<b>20061031</b>	<b>25535</b>	<b>66740</b>	<b>1441</b>	<b>0</b>	<b>5.3</b>	<b>6.1</b>

**Air Temperature (C), moored buoys, October 2006**

Datend	WMO	Argos	Recvd	GE	Bias	Std
20061031	61001		724	0	0.1	0.7
20061031	61002		471	0	0.4	0.8
20061031	62001		744	0	-0.2	0.8
20061031	62029		744	0	-0.2	0.7
20061031	62052		646	0	0.4	0.6
20061031	62081		743	1	0.0	0.6
20061031	62090		699	0	0.2	0.4
20061010	62091		225	0	0.5	0.9
20061031	62092		744	0	0.1	0.6
20061031	62093		742	1	0.9	0.7
20061031	62094		731	1	0.6	0.9
20061031	62095		744	0	0.1	0.6
20061031	62105		744	0	-0.1	0.5
20061031	62108		733	0	-0.3	0.7
20061031	62163		10	0	0.5	0.5
20061031	64045		721	0	0.3	0.7
20061031	64046		744	0	0.0	0.7

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### Wind direction (deg.), moored buoys, October 2006

Datend	WMO	Argos	Recvd	GE	Bias	Std
20061031	61001		724	39	-3.	29.
20061031	61002		471	13	-3.	21.
20061031	62001		744	21	0.	23.
20061031	62029		744	6	0.	19.
20061031	62052		646	11	-1.	22.
20061031	62081		739	9	2.	17.
20061031	62090		699	4	0.	19.
20061010	62091		225	5	0.	17.
20061031	62092		744	7	2.	17.
20061031	62093		744	21	4.	24.
20061031	62094		672	7	-1.	18.
20061031	62095		743	3	2.	20.
20061031	62108		733	18	2.	22.
20061031	64045		714	11	7.	21.
20061031	64046		740	5	0.	17.

### Wind speed rate, moored buoys, October 2006

Datend	WMO	Argos	Recvd	GE	Rate	Err
20061031	61001		724	0	1.5	1.6
20061031	61002		471	0	1.3	1.6
20061031	62001		744	0	1.0	1.7
20061031	62029		744	0	1.0	1.5
20061031	62052		646	1	1.1	1.9
20061031	62081		745	1	1.0	1.6
20061031	62090		699	0	1.1	1.6
20061010	62091		225	0	1.3	1.8
20061031	62092		744	0	1.1	1.5
20061031	62093		744	0	1.5	2.3
20061031	62094		733	0	1.3	1.5
20061031	62095		744	0	1.1	2.0
20061031	62108		733	0	0.9	2.1
20061031	64045		729	1	1.1	2.1
20061031	64046		741	0	1.1	2.1

### Comments on QC statistics :

#### Air pressure

7. IcxAir buoy 66739 (WMO **25534**) has been reporting 7% of gross errors since its deployment (4% in October). It is not obvious to remove them from the GTS data distribution without stopping the data transmission.
8. Gascogne moored buoy (WMO **62001**) reported a few wrong air pressure values before the GTS data transmission was stopped for this parameter on October 25<sup>th</sup>.

#### Air temperature

9. Air temperature values reported by IcxAir buoys are 3-5 degrees higher than the model outputs (Meteo-France and Met Office ones). IcxAir buoys operated by other organisations than EUCOS present similar differences. They could be due to the models themselves.

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).