



**VOS MONTHLY REPORT**  
January 2013

In January 2013, **266 manned and 1369 automated observations** were received in average per day from EUMETNET ships operating in the EUCOS area of interest (390 conventional VOS and 113 Shipborne Automatic Weather Stations (S-AWS)).

**EUCOS Automated Weather Stations (AWS)**

During the month, **nine AWS stations**, out of the thirteen funded by EUCOS, reported their observations onto the GTS.

Ident.	Ship's name	CC	Last rep.	nobs	Remark
BATEU00	Mary Arctica	DK	20130131	313	
BATEU01	Toronto Express	UK	20130129	338	
BATEU02	Celtic Explorer	IR	20130131	327	
BATEU03	Celtic Voyager	IR	20130131	733	
BATEU04	Nuka Arctica	DK			Stopped transmitting on 4 <sup>th</sup> Dec. 2012
BATEU05	Irena Arctica	DK	20130131	300	
BATEU06	Montreal Express	UK	20130129	401	
BATEU07	Mississauga Exp.	UK	20130131	319	
BATEU08	Naja Arctica	DK	20130131	253	
BATEU09	Urania	FR	20130131	355	

**Six BaRos AWS** stations installed on E-ASAP ships **and ten** installed on other ships or on Cyclofos moored buoy reported their data onto the GTS in January. Three stations are BaRos+. In addition to air pressure, they normally report air temperature, air humidity and wind. In order to correctly measure the wind, the sonic anemometer must be well exposed to the wind. It seems this is not the case here. Wind observations should be removed from the GTS whilst no better exposures of the sensors are found.

Ident.	Ship's name	CC	Last rep.	nobs	Remark
BAREU00	Atlantic Compass	EU	20130131	554	
BAREU04	Alantic Companion	EU	20130131	602	
BAREU08	Liverpool Express	EU	20130131	570	
BAREU11	Dublin Express	EU	20130131	536	
BAREU12	Atlantic Conveyor	EU	20130131	37	Replaced on 29 <sup>th</sup> January
BAREU13	Ottawa Express	EU	20130129	516	
BAREU51	La Superba	IT	20130131	452	BaRos+ S-AWS (Gill MetPak-II)
BAREU58	Louis Majesty	CY	20130131	417	
BAREU60	Dubrovnik	HR	20130131	208	
BAREU62	Daniel A	IT	20130131	202	
BAREU63	Jolly Grijo	IT	20130131	431	BaRos+ S-AWS (Gill MetPak-II)
BAREU64	Alios	CY			Ship in dockyard ?
BAREU65	Agean Dignity	GR	20130131	209	
BAREU66	Excellent	IT	20130130	274	
BAREU67	Hilde A	IT	20130131	452	BaRos+ S-AWS (WXT520). Dubious wind data
BAREU68	Cyclofos buoy	CY	20130131	742	Cyprus moored buoy
BAREU69	LNG Lirici	IT	20130131	426	

### **Inmarsat-C Half Compression deployment**

KNMI continued to deploy the half compression technique on their conventional VOS. Raw data messages sent through Inmarsat-C (Borum LES - SAC 431) are processed at Meteo-France for GTS transmission. In January, 33 conventional VOS reported a total of **1092** half compressed messages.

### **Useful links**

The working area of the E-SURFMAR website <http://esurfmar.meteo.fr/wikisurf-wa/> is the place where you can get a lot of informations about the programme in general and its components (data buoys and VOS). Ask the E-SURFMAR Programme Manager [Pierre.Blouch@meteo.fr](mailto:Pierre.Blouch@meteo.fr) for the password in case you forgot it. Notice you can participate in providing your own information to the PM or in writing directly on the website. This latest facility, easy to handle, may be provided to volunteers.

The E-SURFMAR metadata database address is <http://esurfmar.meteo.fr/doc/vosmetadata/> . This database contains the most recently updated WMO Pub47 metadata of the global WMO VOS fleet. Every day, extracts from the database are made available at <ftp://esurfmar.meteo.fr/pub/Pub47/> .

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

A “blacklist” of EUMETNET VOS reporting dubious air pressure values is displayed at:  
<http://www.meteo2.shom.fr/qctools/sevblackap.htm>

VOS operators (focal points) and PMOs are invited to check whether their ships are not in this list and to take appropriate actions to correct possible problems if any.

A list of European AWS is available at [http://www.meteo2.shom.fr/qctools/last-report-list\\_surfmar.htm](http://www.meteo2.shom.fr/qctools/last-report-list_surfmar.htm). Updated every day, this list gives for each station: its operating country; the date of its first report (after September 2004); the date of its last report - in red for those which have not reported for more than 2 weeks - ; etc...

The official E-SURFMAR webpages are henceforth on the EUCOS Web site (<http://www.eucos.net/>). Choose “*EUCOS Networks*” then “*E-SURFMAR*” in the left menu.