



## **VOS MONTHLY REPORT**

**June 2010**

In June 2010, **338 manned and 1083 automated observations** were received in average per day from EUMETNET ships operating in the EUCOS area of interest (442 conventional VOS and 93 AWS).

### **EUCOS Automated Weather Stations (AWS)**

During the month, **four BaTos AWS stations**, out of the eight funded by EUCOS in 2005 and 2006, reported their observations onto the GTS.

<b>Ident.</b>	<b>Ship's name</b>	<b>CC</b>	<b>Last rep.</b>	<b>nobs</b>	<b>Remark</b>
BATEU00	Mary Arctica	DK	20100630	523	
BATEU01	Toronto Express	UK	20100630	454	
BATEU02	Celtic Explorer	IR	20100630	426	
BATEU03	Celtic Voyager	IR			Will be installed soon
BATEU04	Nuka Arctica	DK			Not yet installed
BATEU05	Irena Arctica	DK	20100630	283	
BATEU06	Montreal Express	UK	20100630	607	
BATEU07	Mississauga Exp.	FR	20100630	426	

**Eight BaRos AWS stations** installed on E-ASAP ships were correctly working during the month.

<b>Ident.</b>	<b>Ship's name</b>	<b>CC</b>	<b>Last rep.</b>	<b>nobs</b>	<b>Remark</b>
BAREU00	Atlantic Compass	EU	20100630	513	
BAREU04	Alantic Companion	EU	20100630	568	
BAREU05	Power	EU	20100630	502	
BAREU06	Endurance	EU	20100630	580	
BAREU07	Naja Arctica	EU	20100630	514	
BAREU08	Liverpool Express	EU	20100630	577	
BAREU09	Nuka Arctica	EU	20100630	531	
BAREU11	Dublin Express	EU	20100630	115	Repaired
BAREU52	Aegean Sky	EU	20100630	26	
BAREU53	Sapphire	EU	20100630	210	
BAREU54	Douce France	EU	20100630	515	

### **Inmarsat-C Half Compression trial**

The last VOS, recruited by Meteo-France which reported her observations through Aussaguel SAC 412 has been equipped with a BaTos AWS since the beginning of June. However, KNMI expressed their interests in the technique. SAC 431 (LES x02) was created at Stratos for Dutch VOS.

### **Masked call sign trial**

Since mid-2006, E-SURFMAR is performing a masked call sign trial carried out accordingly to WMO Resolution 7 (EC-LVIII). The purpose is to avoid the availability of VOS ship's positions and

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identifications on public websites not controlled by National Meteorological Services. Messages reported onto the GTS by VOS participating in this E-SURFMAR trial report are fitted with unique identifiers which are different from their ITU call signs. All EUCOS funded AWS, as well as conventional ships participating in the half compression trial or not, have their call signs masked. More and more AWS systems operated by E-SURFMAR participants have also their identifiers masked. In June 2010, **27 conventional VOS** (17 British and 10 Dutch) **and 76 shipborne AWS** (11 BaRos, 54 BaTos, 9 Minos and 2 deck drifters) participating in this trial, reported onto the GTS.

### 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.

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

A “blacklist” of EUMETNET VOS reporting dubious air pressure values is displayed at:

<http://www.meteo.shom.fr/qctools/sevblackap.htm> << **New link**

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.meteo.shom.fr/qctools/last-report-list.htm>. Updated every day, this list gives for each station: its operating country; the date of its first report (after August 2004); the date of its last report - in red for those which have not reported for more than 2 weeks - ; etc...

Graphs of system performances may be 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)

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.