



## VOS MONTHLY REPORT

May 2008

In May 2008, **312 manned and 953 automated observations** were received in average per day from EUMETNET ships operating in the EUCOS area of interest (468 conventional VOS and 83 AWS). It must be noticed that an update of the VOS metadata allowed to recover many observations which had not been taken into account since the beginning of the year.

### EUCOS Automated Weather Stations (AWS)

In May 2008, **five Batos AWS stations** out of the eight funded by EUCOS in 2005 and 2006 reported their observations onto the GTS :

Ident.	Ship's name	CC	Last rep.	nobs	Remark
BATEU00	Mary Arctica	DK	20080531	366	
BATEU01	Toronto Express	UK	20080531	226	Synoptic hours only
BATEU02	Celtic Explorer	IR	20080530	487	
BATEU03		DE			Returned to Meteo-France
BATEU04	Nuka Arctica	DK			Not yet installed
BATEU05	Irena Arctica	DK	20080531	334	
BATEU06	Montreal Express	UK	20080531	137	Synoptic hours only
BATEU07					Not yet allocated

The installation aboard Montreal Express is not complete. Wind measurement inputs must be checked and the SST sensor must be installed.

... and two Baros AWS stations installed on E-ASAP ships were in operation :

Ident.	Ship's name	CC	Last rep.	nobs	Remark
BAREU00	Atlantic Compass	EU	20080531	516	
BAREU01	Sealand Motivator	EU	20080531	740	"No report from harbour" mode was not activated. This was done on the 2 <sup>nd</sup> of June

### Inmarsat-C Half Compression trial

**Two French conventional VOS** only, fitted with the most recent version of TurboWin (version 4), reported their observations through Aussaguel SAC 412 instead of SAC 41 in May 2008. Received at Météo-France the raw data are uncompressed, coded in FM-13 SHIP messages and sent onto the GTS. The data transmission costs twice less than through SAC 41. Dutch ships who previously used the technique, came back to SAC 41.

Ident.	Last rep.	nobs	Remark
TBWFR01	20080523	39	
TBWFR02	20080523	156	

### **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 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 May 2008, **24 conventional VOS** (21 British, 1 Dutch and 2 French) **and 61 shipborne AWS** (3 Baros, 46 Batos, and 12 Minos) 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 available at:

<http://www.meteo.shom.fr/vos-monitoring/>

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

<http://www.meteo.shom.fr/qctools/evblackap.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.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 July 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.