



VOS MONTHLY REPORT

December 2010

In December 2010, **293 manned and 1053 automated observations** were received in average per day from EUMETNET ships operating in the EUCOS area of interest (434 conventional VOS and 92 AWS).

EUCOS Automated Weather Stations (AWS)

During the month, **seven BaTos AWS stations**, out of the eight funded by EUCOS in 2005 and 2006, reported their observations onto the GTS. Three other stations should be installed during the coming months.

Ident.	Ship's name	CC	Last rep.	nobs	Remark
BATEU00	Mary Arctica	DK	20101231	388	
BATEU01	Toronto Express	UK	20101231	192	Transmission resumed on December 17th
BATEU02	Celtic Explorer	IR	20101223	277	
BATEU03	Celtic Voyager	IR			Should be installed soon
BATEU04	Nuka Arctica	DK			Installed on December 1st, 2010
BATEU05	Irena Arctica	DK	20101231	151	
BATEU06	Montreal Express	UK	20101231	599	
BATEU07	Mississauga Exp.	FR	20101231	464	
BATEU08	Naja Arctica	DK	20101231	162	In operation since December 17th
BATEU09	Urania	FR			Should be installed in 2011-Q1

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

Ident.	Ship's name	CC	Last rep.	nobs	Remark
BAREU00	Atlantic Compass	EU	20101231	565	
BAREU04	Alantic Companion	EU	20101231	591	
BAREU05	Power	EU	20101231	501	
BAREU06	Endurance	EU	20101231	588	
BAREU07	Naja Arctica	EU	20101231	559	
BAREU08	Liverpool Express	EU	20101231	544	
BAREU09	Nuka Arctica	EU	20101231	503	
BAREU11	Dublin Express	EU	20101231	475	
BAREU51	La Superba	IT	20101231	138	In operation since December 20th
BAREU54	Douce France	FR	20101231	560	
BAREU55	Hellenic Master	GR	20101228	15	Ship seems out of commission in Piraeus
BAREU56	Jolly Indaco	FR	20101231	394	
BAREU57	Pontos	CY	20101231	132	In operation since December 16th

Inmarsat-C Half Compression trial

No ship used the half compressed message technique in December.

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 December 2010, **21 conventional VOS** (18 British and 3 Dutch) **and 84 shipborne AWS** (13 BaRos, 59 BaTos, 9 Minos, 2 deck drifters and one Scaws) 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 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>

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 September 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

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.