VOS MONTHLY REPORT

October 2011

In October 2011, **323 manned and 1432 automated observations** were received in average per day from EUMETNET ships operating in the EUCOS area of interest (422 conventional VOS and 110 Shipborne Automatic Weather Stations (S-AWS)).

EUCOS Automated Weather Stations (AWS)

During the month, **ten BaTos 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	20111031	450	
BATEU01	Toronto Express	UK	20111031	542	
BATEU02	Celtic Explorer	IR	20111031	611	
BATEU03	Celtic Voyager	IR	20111031	337	
BATEU04	Nuka Arctica	DK	20111031	435	
BATEU05	Irena Arctica	DK	20111029	371	
BATEU06	Montreal Express	UK	20111031	524	
BATEU07	Mississauga Exp.	FR	20111031	415	Now plying between Europe Australia
BATEU08	Naja Arctica	DK	20111031	519	
BATEU09	Urania	FR	20111031	443	

Six BaRos AWS stations installed on E-ASAP ships **and seven** installed on other ships reported their data onto the GTS in October.

Ident.	Ship's name	CC	Last rep.	nobs	Remark
BAREU00	Atlantic Compass	EU	20111031	603	
BAREU04	Alantic Companion	EU	20111031	537	
BAREU05	Power	EU	20111031	545	
BAREU06	Endurance	EU	20111020	361	No more report after Oct. 20th
BAREU08	Liverpool Express	EU	20111031	559	
BAREU11	Dublin Express	EU	20111031	588	
BAREU12	Atlantic Conveyor	EU			Installed on October 30th(E-ASAP ship)
BAREU51	La Superba	IT	20111031	513	
BAREU57	Pontos	CY	20111019	80	Not very active (due to power cuts?)
BAREU58	Louis Majesty	CY	20111031	417	
BAREU60	Dubrovnik	HR	20111031	356	
BAREU61	Jolly Oro	FR	20111031	437	Baros+ S-AWS
BAREU62	Vento di Aliseo	IT	20111015	208	

Inmarsat-C Half Compression trial

KNMI started the deployment of the half compression technique on their ships in April 2011. Raw data messages are sent through Inmarsat-C (Burum LES - SAC 431) and processed at Meteo-France for GTS transmission. Two ships (callsigns PDHY and OXHY2) reported 112 compressed messages at all in October.

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.

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.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...

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.