VOS MONTHLY REPORT

December 2012

In December 2012, **279 manned and 1453 automated observations** were received in average per day from EUMETNET ships operating in the EUCOS area of interest (386 conventional VOS and 114 Shipborne Automatic Weather Stations (S-AWS)).

EUCOS Automated Weather Stations (AWS)

During the month, **ten 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	20121231	234	
BATEU01	Toronto Express	UK	20121231	495	
BATEU02	Celtic Explorer	IR	20121216	285	
BATEU03	Celtic Voyager	IR	20121231	735	
BATEU04	Nuka Arctica	DK	20121204	81	Stopped transmitting for unknown reason
BATEU05	Irena Arctica	DK	20121231	336	
BATEU06	Montreal Express	UK	20121231	491	
BATEU07	Mississauga Exp.	UK	20121231	407	
BATEU08	Naja Arctica	DK	20121219	255	Stopped transmitting for unknown reason
BATEU09	Urania	FR	20121231	351	

Five 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 December.

Ident.	Ship's name	CC	Last rep.	nobs	Remark
BAREU00	Atlantic Compass	EU	20121231	560	
BAREU04	Alantic Companion	EU	20121231	587	
BAREU08	Liverpool Express	EU	20121231	515	
BAREU11	Dublin Express	EU	20121231	615	
BAREU12	Atlantic Conveyor	EU			Out of order - Replacement planned
BAREU13	Ottawa Express	EU	20121231	572	
BAREU51	La Superba	IT	20121230	517	Baros+ S-AWS (Gill MetPak-II)
BAREU58	Louis Majesty	CY	20121231	401	
BAREU60	Dubrovnik	HR	20121231	123	
BAREU62	Daniel A	IT	20121231	449	
BAREU63	Jolly Grijo	IT	20121231	284	Baros+ S-AWS (Gill MetPak-II)
BAREU64	Alios	CY			Ship in dockyard ?
BAREU65	Agean Dignity	GR	20121231	596	
BAREU66	Excellent	IT	20121231	492	
BAREU67	Hilde A	IT	20121231	452	Baros+ S-AWS (WXT520). Dubious wind data
BAREU68	Cyclofos buoy	CY	20121231	627	Cyprus moored buoy
BAREU69	LNG Lirici	IT	20121230	424	

Inmarsat-C Half Compression deployment

KNMI continued to deploy the half compression technique on their conventional VOS. Raw data messages sent through Inmarsat-C (Burum LES - SAC 431) are processed at Meteo-France for GTS transmission. In December, 35 conventional VOS reported a total of **1354** 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 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. 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.