



VOS MONTHLY REPORT

May 2011

In May 2011, **374 manned and 1335 automated observations** were received in average per day from EUMETNET ships operating in the EUCOS area of interest (441 conventional VOS and 112 Shipborne Automatic Weather Stations (S-AWS)).

News

A significant increase in the number of observations received from S-AWS occurred in May (+18% compared to the previous month). This is due to the arrival of 13 new stations operated by the Met Office. Their callsigns are in the form of AMOUKnn.

EUCOS Automated Weather Stations (AWS)

During the month, **nine 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			PC replaced - Operations resumed on May 31st
BATEU01	Toronto Express	UK	20110531	522	
BATEU02	Celtic Explorer	IR	20110531	317	
BATEU03	Celtic Voyager	IR	20110527	310	
BATEU04	Nuka Arctica	DK	20110531	448	
BATEU05	Irena Arctica	DK	20110531	309	
BATEU06	Montreal Express	UK	20110523	239	Dry docking in Hamburg
BATEU07	Mississauga Exp.	FR	20110531	425	
BATEU08	Naja Arctica	DK	20110531	496	
BATEU09	Urania	FR	20110531	562	

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

Ident.	Ship's name	CC	Last rep.	nobs	Remark
BAREU00	Atlantic Compass	EU	20110531	599	
BAREU04	Alantic Companion	EU	20110531	552	
BAREU05	Power	EU	20110531	337	
BAREU06	Endurance	EU	20110531	481	
BAREU08	Liverpool Express	EU	20110531	591	
BAREU11	Dublin Express	EU	20110531	572	
BAREU51	La Superba	IT	20110531	524	
BAREU54	Douce France	FR	20110531	519	
BAREU55	Hellenic Master	GR			Ship seems out of commission in Piraeus
BAREU56	Jolly Indaco	FR	20110531	241	Operations resumed on the 4 th of May
BAREU57	Pontos	CY	20110531	223	

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BAREU58	Louis Majesty	CY	20110531	435
BAREU59	Tenacia	IT	20110531	189
BAREU60	Dubrovnik	HR	20110531	283

Inmarsat-C Half Compression trial

KNMI started the deployment of the half compression technique on their ships in April. The first message was sent on April 8th. Raw data messages are sent through Inmarsat-C (Borum LES - SAC 431) and processed at Meteo-France for GTS transmission. Two ships (callsigns PDHY and OXHY2) reported 105 compressed messages at all in May.

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.