



## **VOS MONTHLY REPORT**

**July 2011**

In July 2011, **375 manned and 1497 automated observations** were received in average per day from EUMETNET ships operating in the EUCOS area of interest (435 conventional VOS and 112 Shipborne Automatic Weather Stations (S-AWS)).

### **News**

A BaRos AWS, upgraded by Meteo-France in a BaRos+, was recently installed by Meteo-France technicians on a container carrier (Jolly Oro) plying in the Mediterranean Sea thanks to the help of ENEA. This station (callsign BAREU61), fitted with a Vaisala WXT520 multi-sensor, was successfully tested with callsign TESTFR9 during one year on a ship equipped with a BaTos station and plying in the English Channel. Comparisons between the two stations were satisfactory.

### **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.

<b>Ident.</b>	<b>Ship's name</b>	<b>CC</b>	<b>Last rep.</b>	<b>nobs</b>	<b>Remark</b>
BATEU00	Mary Arctica	DK	20110731	526	
BATEU01	Toronto Express	UK	20110730	372	
BATEU02	Celtic Explorer	IR	20110731	316	
BATEU03	Celtic Voyager	IR	20110731	375	
BATEU04	Nuka Arctica	DK	20110731	357	
BATEU05	Irena Arctica	DK	20110731	296	
BATEU06	Montreal Express	UK	20110722	303	
BATEU07	Mississauga Exp.	FR	20110731	268	
BATEU08	Naja Arctica	DK	20110731	457	
BATEU09	Urania	FR	20110731	405	

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

<b>Ident.</b>	<b>Ship's name</b>	<b>CC</b>	<b>Last rep.</b>	<b>nobs</b>	<b>Remark</b>
BAREU00	Atlantic Compass	EU	20110731	586	
BAREU04	Atlantic Companion	EU	20110731	571	
BAREU05	Power	EU	20110731	510	
BAREU06	Endurance	EU	20110731	501	
BAREU08	Liverpool Express	EU	20110731	550	
BAREU11	Dublin Express	EU	20110731	558	
BAREU51	La Superba	IT	20110731	547	
BAREU54	Douce France	FR	20110731	514	
BAREU56	Jolly Indaco	FR	20110710	21	Station dismantled on July 10 <sup>th</sup> .
BAREU57	Pontos	CY	20110730	36	
BAREU58	Louis Majesty	CY	20110730	387	
BAREU59	Tenacia	IT	20110731	246	Repaired. Operations resumed.
BAREU60	Dubrovnik	HR	20110731	440	
BAREU61	Jolly Oro	FR			Installed in July 2011

### **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 124 compressed messages at all in July.

### **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.

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.