



**VOS MONTHLY REPORT
July 2013**

In July 2013, **261 manned and 1847 automated observations** were received in average per day from EUMETNET ships operating in the EUCOS area of interest (366 conventional VOS and 130 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	20130731	493	
BATEU01	Toronto Express	UK	20130731	443	
BATEU02	Celtic Explorer	IR	20130731	645	
BATEU03	Celtic Voyager	IR	20130731	713	
BATEU04	Nuka Arctica	DK	20130731	391	
BATEU05	Irena Arctica	DK	20130731	446	
BATEU06	Montreal Express	UK	20130731	342	
BATEU07	Mississauga Exp.	UK	20130723	254	
BATEU08	Naja Arctica	DK	20130730	494	
BATEU09	Urania	FR	20130731	359	

Six BaRos AWS stations installed on E-ASAP ships **and twelve** installed on other ships or on Cycfos moored buoy reported their data onto the GTS in July. Three stations are BaRos+. In addition to air pressure, they normally report air temperature, air humidity and wind. In order to correctly measure the wind, the sonic anemometer must be well exposed. It seems this is not the case here for two out of them. Wind observations have been removed from the GTS for these meanwhile better exposures are found.

Ident.	Ship's name	CC	Last rep.	nobs	Remark
BAREU00	Atlantic Compass	EU	20130731	567	
BAREU04	Alantic Companion	EU	20130727	446	
BAREU08	Liverpool Express	EU	20130731	537	
BAREU11	Dublin Express	EU	20130731	558	
BAREU12	Atlantic Conveyor	EU	20130731	485	
BAREU13	Ottawa Express	EU	20130731	366	
BAREU51	La Superba	IT	20130731	530	BaRos+ (Gill MetPak-II) - No wind reports
BAREU58	Louis Majesty	CY	20130731	427	
BAREU60	Dubrovnik	HR	20130731	370	
BAREU62	Daniel A	IT	20130731	342	
BAREU65	Aegean Dignity	GR	20130731	310	
BAREU66	Excellent	IT	20130731	555	
BAREU67	Hilde A	IT	20130731	484	BaRos+ S-AWS (WXT520). - No wind reports
BAREU68	Cycfos buoy	CY	20130731	736	Cyprus moored buoy
BAREU69	LNG Lirici	IT	20130731	449	
BAREU70	Marguerite A	IT	20130731	438	
BAREU71	Sete Citades	PT	20130731	412	BaRos+ (MetPak-II) - Reliable wind reports
BAREU72	Natalia A	IT	20130731	476	

Inmarsat-C Half Compression deployment

KNMI continued to deploy the half compression technique on their conventional VOS. Raw data messages sent through Inmarsat-C (Borum LES - SAC 431) are processed at Meteo-France for GTS transmission. In July, 25 conventional VOS reported a total of **834** 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.