



VOS MONTHLY REPORT
 May 2013

In May 2013, **301 manned and 1623 automated observations** were received in average per day from EUMETNET ships operating in the EUCOS area of interest (375 conventional VOS and 122 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	20130531	459	
BATEU01	Toronto Express	UK	20130531	474	
BATEU02	Celtic Explorer	IR	20130529	503	
BATEU03	Celtic Voyager	IR	20130531	734	
BATEU04	Nuka Arctica	DK	20130531	462	
BATEU05	Irena Arctica	DK	20130531	325	
BATEU06	Montreal Express	UK	20130531	398	
BATEU07	Mississauga Exp.	UK	20130531	173	
BATEU08	Naja Arctica	DK	20130531	489	
BATEU09	Urania	FR	20130531	361	

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 May. 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 to the wind. It seems this is not the case here. Wind observations have been removed from the GTS for the 3 BaRos+ AWS on 6th February meanwhile better exposures are found.

Ident.	Ship's name	CC	Last rep.	nobs	Remark
BAREU00	Atlantic Compass	EU	20130531	571	
BAREU04	Alantic Companion	EU	20130531	569	
BAREU08	Liverpool Express	EU	20130531	473	
BAREU11	Dublin Express	EU	20130531	536	
BAREU12	Atlantic Conveyor	EU	20130531	607	
BAREU13	Ottawa Express	EU	20130531	627	
BAREU51	La Superba	IT	20130531	495	BaRos+ (Gill MetPak-II) - No wind reports
BAREU58	Louis Majesty	CY	20130531	436	
BAREU60	Dubrovnik	HR	20130531	271	
BAREU62	Daniel A	IT	20130524	178	
BAREU65	Agean Dignity	GR	20130531	534	
BAREU66	Excellent	IT	20130531	421	
BAREU67	Hilde A	IT	20130531	474	BaRos+ S-AWS (WXT520). - No wind reports
BAREU68	Cycfos buoy	CY	20130531	732	Cyprus moored buoy
BAREU69	LNG Lirici	IT	20130531	272	
BAREU70	Marguerite A	IT	20130531	437	
BAREU71	Sete Citades	PT	20130531	220	Installed on May 18 th : BaRos+ (MetPak-II)
BAREU72	Natalia A	IT	20130531	123	Installed on May 18 th : BaRos+ (MetPak-II)

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 May, 25 conventional VOS reported a total of **1058** 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.