



VOS MONTHLY REPORT
April 2012

In April 2012, **298 manned and 1704 automated observations** were received in average per day from EUMETNET ships operating in the EUCOS area of interest (433 conventional VOS and 120 Shipborne Automatic Weather Stations (S-AWS)).

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	20120430	455	
BATEU01	Toronto Express	UK	20120430	511	
BATEU02	Celtic Explorer	IR	20120430	338	
BATEU03	Celtic Voyager	IR	20120430	355	
BATEU04	Nuka Arctica	DK	20120430	478	
BATEU05	Irena Arctica	DK	20120429	331	
BATEU06	Montreal Express	UK	20120430	465	
BATEU08	Naja Arctica	DK	20120430	473	
BATEU09	Urania	FR	20120430	415	

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

Ident.	Ship's name	CC	Last rep.	nobs	Remark
BAREU00	Atlantic Compass	EU	20120430	575	
BAREU04	Alantic Companion	EU	20120430	565	
BAREU05	Power	EU	20120412	189	Dismounted on 12 April (service ended)
BAREU06	Endurance	EU	20120407	142	Dismounted on 7 April (service ended)
BAREU08	Liverpool Express	EU	20120430	579	
BAREU11	Dublin Express	EU	20120430	140	
BAREU12	Atlantic Conveyor	EU	20120430	572	
BAREU51	La Superba	IT	20120430	338	
BAREU54	Douce France	FR	20120430	479	
BAREU56	Jolly Indaco	IT	20120430	353	
BAREU58	Louis Majesty	CY	20120430	13	Do not report a lot of observations
BAREU60	Dubrovnik	HR	20120430	172	Back onto the GTS in April
BAREU62	Vento di Aliseo	IT	20120430	321	
BAREU63	Jolly Grijo	IT	20120430	455	Baros+ S-AWS (Gill MetPak-II)
BAREU64	Alios	CY	20120430	187	Installed on April 4th
BAREU65	Agean Dignity	GR	20120430	315	

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 April, 23 conventional VOS reported a total of **763** 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.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.