



VOS MONTHLY REPORT
September 2011

In September 2011, **316 manned and 1409 automated observations** were received in average per day from EUMETNET ships operating in the EUCOS area of interest (429 conventional VOS and 113 Shipborne Automatic Weather Stations (S-AWS)).

News

A BaRos+ AWS fitted with a Gill MetPak-II is presently tested onboard ferry Armorique plying in the English Channel : the same ship on which a Vaisala WXT520 was evaluated during one year. Data are reported onto the GTS with callsign TESTFR9. Comparisons are performed with the measurements carried out by the operational BaTos (callsign BATFR52) which equips this ship. After a few weeks of comparisons, it seems the performances of the MetPak-II are better than those of the WXT520.

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.

Ident.	Ship's name	CC	Last rep.	nobs	Remark
BATEU00	Mary Arctica	DK	20110930	454	
BATEU01	Toronto Express	UK	20110930	514	
BATEU02	Celtic Explorer	IR	20110930	414	
BATEU03	Celtic Voyager	IR	20110930	438	
BATEU04	Nuka Arctica	DK	20110930	439	
BATEU05	Irena Arctica	DK	20110929	273	
BATEU06	Montreal Express	UK	20110930	401	
BATEU07	Mississauga Exp.	FR	20110930	541	Now plying between Europe Australia
BATEU08	Naja Arctica	DK	20110930	473	
BATEU09	Urania	FR	20110930	401	

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

Ident.	Ship's name	CC	Last rep.	nobs	Remark
BAREU00	Atlantic Compass	EU	20110929	538	
BAREU04	Alantic Companion	EU	20110930	553	
BAREU05	Power	EU	20110930	28	Not powered during a part of the month
BAREU06	Endurance	EU	20110930	499	
BAREU08	Liverpool Express	EU	20110930	545	
BAREU11	Dublin Express	EU	20110930	535	
BAREU51	La Superba	IT	20110930	555	
BAREU54	Douce France	FR	20110918	254	Now plying in SE Pacific. Stopped reporting Could be re-installed soon.
BAREU56	Jolly Indaco	FR			
BAREU57	Pontos	CY	20110928	49	Not very active (due to power cuts?)
BAREU58	Louis Majesty	CY	20110930	404	
BAREU59	Tenacia	IT	20110922	147	Ship's programme changed. Dismounted on Sept. 8th
BAREU60	Dubrovnik	HR	20110930	379	
BAREU61	Jolly Oro	FR	20110930	385	Baros+ S-AWS
BAREU62	Vento di Aliseo	IT	20110930	62	Installed on Sept. 23rd

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 102 compressed messages at all in September.

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.