



**VOS MONTHLY REPORT
July 2012**

In July 2012, **309 manned and 1922 automated observations** were received in average per day from EUMETNET ships operating in the EUCOS area of interest (412 conventional VOS and 141 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	20120731	341	
BATEU01	Toronto Express	UK	20120731	526	
BATEU02	Celtic Explorer	IR	20120731	303	
BATEU03	Celtic Voyager	IR	20120710	50	
BATEU04	Nuka Arctica	DK	20120730	439	
BATEU05	Irena Arctica	DK	20120726	239	
BATEU06	Montreal Express	UK	20120731	468	
BATEU08	Naja Arctica	DK	20120719	320	
BATEU09	Urania	FR	20120731	458	

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

Ident.	Ship's name	CC	Last rep.	nobs	Remark
BAREU00	Atlantic Compass	EU	20120731	585	
BAREU04	Alantic Companion	EU	20120731	549	
BAREU08	Liverpool Express	EU	20120731	590	
BAREU11	Dublin Express	EU	20120719	314	Barometer measurements failed (repaired on 11 August)
BAREU12	Atlantic Conveyor	EU	20120731	590	
BAREU13	Ottawa Express	EU	20120731	252	Installed on 19 July
BAREU51	La Superba	IT	20120731	86	
BAREU54	Douce France	FR			Ship dold. New name: Matilde A (since 12 August)
BAREU56	Jolly Indaco	IT	20120731	289	
BAREU58	Louis Majesty	CY	20120731	438	
BAREU60	Dubrovnik	HR	20120731	398	
BAREU62	Daniel A	IT	20120727	344	
BAREU63	Jolly Grijo	IT	20120731	325	Baros+ S-AWS (Gill MetPak-II)
BAREU64	Alios	CY	20120730	464	
BAREU65	Agean Dignity	GR	20120731	229	
BAREU66	Excellent	IT	20120726	453	Barometer measurements failed on July 26th
BAREU67	Hilde A	IT	20120731	394	Baros+ S-AWS (WXT520) installed on July 4 th
BAREU68	Cyclofos buoy	CY	20120731	208	Installed on 23 July

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 **1131** 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.