



## **VOS MONTHLY REPORT**

**January 2011**

In January 2011, **291 manned and 1148 automated observations** were received in average per day from EUMETNET ships operating in the EUCOS area of interest (419 conventional VOS and 97 AWS).

### **EUCOS Automated Weather Stations (AWS)**

During the month, **eight BaTos AWS stations**, out of the twelve funded by EUCOS in 2005 and 2006, reported their observations onto the GTS. Another station, owned by DMI was installed on a ship should be installed during the coming months.

| <b>Ident.</b> | <b>Ship's name</b> | <b>CC</b> | <b>Last rep.</b> | <b>nobs</b> | <b>Remark</b>                              |
|---------------|--------------------|-----------|------------------|-------------|--|
| BATEU00       | Mary Arctica       | DK        | 20110121         | 392         |  |
| BATEU01       | Toronto Express    | UK        | 20110131         | 424         |  |
| BATEU02       | Celtic Explorer    | IR        | 20110131         | 382         |  |
| BATEU03       | Celtic Voyager     | IR        | 20110124         | 46          | Installed in Jan. but didn't work properly |
| BATEU04       | Nuka Arctica       | DK        | 20110131         | 359         |  |
| BATEU05       | Irena Arctica      | DK        | 20110131         | 394         |  |
| BATEU06       | Montreal Express   | UK        | 20110131         | 599         |  |
| BATEU07       | Mississauga Exp.   | FR        | 20110131         | 416         |  |
| BATEU08       | Naja Arctica       | DK        | 20110131         | 485         |  |
| BATEU09       | Urania             | FR        |                  |             | Should be installed in 2011-Q1             |

**Eight BaRos AWS stations** installed on E-ASAP ships **and four** installed on other ships were correctly working during the month.

| <b>Ident.</b> | <b>Ship's name</b> | <b>CC</b> | <b>Last rep.</b> | <b>nobs</b> | <b>Remark</b>                           |
|---------------|--------------------|-----------|------------------|-------------|---|
| BAREU00       | Atlantic Compass   | EU        | 20110131         | 592         |   |
| BAREU04       | Alantic Companion  | EU        | 20110131         | 579         |   |
| BAREU05       | Power              | EU        | 20110131         | 476         |   |
| BAREU06       | Endurance          | EU        | 20110131         | 561         |   |
| BAREU07       | Naja Arctica       | EU        | 20110131         | 528         |   |
| BAREU08       | Liverpool Express  | EU        | 20110131         | 564         |   |
| BAREU09       | Nuka Arctica       | EU        | 20110131         | 544         |   |
| BAREU11       | Dublin Express     | EU        | 20110131         | 521         |   |
| BAREU51       | La Superba         | IT        | 20110131         | 500         |   |
| BAREU54       | Douce France       | FR        | 20110131         | 497         |   |
| BAREU55       | Hellenic Master    | GR        |                  |             | Ship seems out of commission in Piraeus |
| BAREU56       | Jolly Indaco       | FR        | 20110131         | 402         |   |
| BAREU57       | Pontos             | CY        | 20110131         | 417         |   |
| BAREU58       | Louis Majesty      | CY        |                  |             | Installed in January but doesn't work   |

### **Inmarsat-C Half Compression trial**

No ship used the half compressed message technique in January.

### **Masked call sign trial**

Since mid-2006, E-SURFMAR is performing a masked call sign trial carried out accordingly to WMO Resolution 7 (EC-LVIII). The purpose is to avoid the availability of VOS ship's positions and identifications on public websites not controlled by National Meteorological Services. Messages reported onto the GTS by VOS participating in this E-SURFMAR trial report are fitted with unique identifiers which are different from their ITU call signs. All EUCOS funded AWS, as well as conventional ships participating in the half compression trial or not, have their call signs masked. More and more AWS systems operated by E-SURFMAR participants have also their identifiers masked. In January 2011, **20 conventional VOS** (16 British and 4 Dutch) **and 82 shipborne AWS** (12 BaRos, 58 BaTos, 9 Minos, 2 deck drifters and one Scaws) participating in this trial, reported onto the GTS.

### **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](mailto: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.

Monthly QC statistics and other quality control tools are henceforth 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...

Graphs of system performances may be downloaded at:

[http://esurfmar.meteo.fr/doc/r/surfmar/others/e-surfmar\\_monitoring.pdf](http://esurfmar.meteo.fr/doc/r/surfmar/others/e-surfmar_monitoring.pdf)

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.