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|  | **VOS Report for 2015** | | | **Italy** | | | | |
|  | | | | | | | | |
|  | **a.** | **Programme description:** | | | | | | |
| **Category** | | **No. of ships at**  **31 Dec 2015** | **Recruitments in 2015** | **De-recruitments**  **In 2015** | | **Comments** | |
| *Selected* | |  |  |  | |  | |
| *Selected AWS* | | 8+1 | 0 | 0 | | In 2015, ENEA **managed** the following AWS provided by Meteo-France within the European project E-SURFMAR:   * BAROS ++ (call sign=BAREU51) ship: LA SUPERBA (IMO=9214276) * BAROS (call sign=BAREU62) ship: DANIEL A (IMO=9238064) * BAROS (call sign=BAREU66) ship: EXCELLENT (IMO=9143441) * BAROS++ (call sign=BAREU67) ship: HILDE A (IMO=9305908) * BAROS (call sign=BAREU70) ship: MARGUERITE A   (IMO= 9305893)   * BAROS (call sign=BAREU72) ship: NATALIA A   (IMO= 9020352)   * BAROS (call sign=BAREU74) ship: AYSE A   (IMO= 8415639)   * BAROS (call sign=BAREU75) ship: HORACE A   (IMO= 8912455)  CNR managed a BATOS on RV Urania (IMO=9013220) | |
| *VOSClim* | |  |  |  | |  | |
| *VOSClim AWS* | |  |  |  | |  | |
| *Supplementary* | |  |  |  | |  | |
| *Supplementary AWS* | |  |  |  | |  | |
| *Auxiliary* | |  |  |  | |  | |
| *Auxiliary AWS* | |  |  |  | |  | |
| *Other* | |  |  |  | |  | |
| **National VOS Total** | | 9 |  |  | |  | |
|  |  | |  |  |  | |  | |
|  | **National VOS Target** | | 9 |  |  | |  |  |
|  | **National VOSClim Target** | |  |  |  | |  |  |
|  |  | |  |  |  | |  |  |
|  | **b.** | **Data management:** | | | | | | |
|  | *Total number of ship observations (BBXX) distributed on the GTS in 2015* | | | | | One year data at 60 minutes interval | | |
|  | *Frequency of VOS data submitted to the GCC in 2015* | | | | |  | | |

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|  | c. | **Shipboard Automatic Weather System** | | | | | | | |
| **Type** | | | **No. of ships at 31 Dec 2015** | | **Manual Input**  **Yes / No** | | **Method of Comms** | **2016 Planned installations** |
| BAROS++ | | | 3 | | no | | GTS | 0 |
| BAROS | | | 5 | | no | | GTS | 0 |
| BATOS | | | 1 | | no | | GTS | 0 |
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|  |  | | | | | |  | | |
|  | **d.** | **Electronic logbooks: (TurboWin, SEAS, OBSJMA)** | | | | | | | |
| **Software & version** | | **No. of ships at**  **31 Dec 2015** | | Implementation plans | | | | |
| SEAS | | 9 | |  | | | | |
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|  | **e.** | **Major challenges and difficulties:** |
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|  | **f.** | **Research / development / testing:** |
|  | |
|  | | |
|  | **g.** | **Other comments:** |
| Many thanks to currently collaborating shipping companies (GNV - Italy, Arkas - Turkey). | |