|  |  |  |  |
| --- | --- | --- | --- |
|  | **VOS Report for 2016** | **Country =** | **Italy** |
|  |
|  | **a.** | **Programme description:** |
| **Category** | **No. of ships at** **31 Dec 2016** | **Recruitments in 2016** | **De-recruitments****In 2016** | **Comments** |
| *Selected* |  |  |  |  |
| *Selected AWS* | 6 | - | 2+1 | \* see sect. i) Other Comments |
| *VOSClim* |  |  |  |  |
| *VOSClim AWS* |  |  |  |  |
| *Supplementary* |  |  |  |  |
| *Supplementary AWS* |  |  |  |  |
| *Auxiliary* |  |  |  |  |
| *Auxiliary AWS* |  |  |  |  |
| *Other* |  |  |  |  |
| **National VOS Total** | 6 |   |  |  |
|  |  |  |  |  |  |
|  | **National VOS Target** |  |  |  |  |  |
|  | **National VOSClim Target**  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | **b.** | **Data management:** |
|  | *Total number of ship observations (BBXX) distributed on the GTS in 2016* | --- |
|  | *Dates when VOS data submitted to the GCCs in 2016* | --- |

|  |  |  |
| --- | --- | --- |
|  | c. | **Shipboard Automatic Weather System** |
| **Type** | **No. of ships at 31 Dec 2016** | **Manual Input****Yes / No** | **Method of Comms** | **Year1 Plans** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |
|  | **d.** | **Electronic logbooks: (TurboWin, SEAS, OBSJMA)** |
| **Software & version** | **No. of ships at**  **31 Dec 2016** | Implementation plans |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **e.** | **Standard Meteorological Equipment: (Types and Settings)** |
| **Equipment Type / Element** | **Manual Instrumentation** | **AWS Instrumentation** |
| Barometer |  |  |
|  |  |
|  |  |
| *Default national setting* | *Station Level or Mean Sea Level* | *Station Level or Mean Sea Level* |
| Barograph |  |  |
|  |  |
| *Default national setting* | *Station Level or Mean Sea Level* | *Station Level or Mean Sea Level* |
| Thermometers |  |  |
|  |  |  |
| Sea Surface Temperature |  |  |
|  |  |  |
| Wind Speed |  |  |
|  |  |  |
| Wind Direction |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **f.**  | **PMO ship visit activities: (if a visit is for dual purposes, include all purposes)** |
| **Activity** | **Manual Ship**  | **AWS****Ship** | **Comment** |
| Routine VOS inspections |  |  |  |
| VOS recruitment visits |  |  |  |
| VOS de-recruitment visits |  |  |  |
| VOS courtesy or foreign visits |  |  |  |
| *Total visits to VOS* |  |  |
| Routine ASAP inspections |  |  |  |
| ASAP recruitment visits |  |  |  |
| ASAP de-recruitment visits |  |  |  |
| ASAP courtesy visits |  |  |  |
| *Total visits to ASAP* |  |  |  |
| Routine SOOP visits |  |  |  |
| SOOP recruitment visits |  |  |  |
| SOOP de-recruitment visits |  |  |  |
| SOOP courtesy visits |  |  |  |
| *Total visits to SOOP* |  |  |  |
| Visits in support of DBCP (drifting buoys) |  |  |  |
| Visits in support of Argo (profiling floats) |  |  |  |
| *Total visits to other programs* |  |  |  |
| **Total visits by national PMOs** |  | *Sum of all ship visits (VOS + ASAP + SOOP) + visits to other program (DBCP + Argo)* |
|  |  |  |  |

|  |  |
| --- | --- |
| **g.** | **Major challenges and difficulties:** |
| Due to the end of previously available funds, visits to ships for maintenance have been reduced. Some ship has changed its previous line and has been derecruited. |
|  |  |
| **h.** | **Research / development / testing:** |
| --- |
|  |  |
| **i.** | **Other comments** |
| Many thanks to currently collaborating shipping companies (GNV - Italy, Arkas - Turkey). No currently available funds for the activity in 2017.In 2016, ENEA managed the following AWS provided by Meteo-France within the European project E-SURFMAR:* BAROS ++ (call sign=BAREU51) installed on ship: LA SUPERBA (IMO=9214276)
* BAROS (call sign=BAREU62) installed on ship: DANIEL A (IMO=9238064)
* BAROS (call sign=BAREU66) installed ship: EXCELLENT (IMO=9143441)
* BAROS++ (call sign=BAREU67) installed ship: HILDE A (IMO=9305908)
* BAROS (call sign=BAREU72) installed ship: NATALIA A (IMO= 9020352) (now, VENTO DI LEVANTE)
* BAROS (call sign=BAREU75) ship: HORACE A (IMO= 8912455) (now, CORNELIUS A)

CNR derecruited the BATOS on RV Urania (IMO=9013220): the ship sank because of an accident in dockTwo ships have been derecruited:* BAROS (call sign=BAREU70) ship: MARGUERITE A (IMO= 9305893)
* BAROS (call sign=BAREU74) ship: AYSE A (IMO= 8415639)
 |