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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **VOS Report for 2017** | | | **Country =** | | | | **Italy** | |
|  | | | | | | | | | |
|  | **a.** | **Programme description:** | | | | | | | |
| **Category** | | **No. of ships at**  **31 Dec 2017** | **Recruitments in 2017** | **De-recruitments**  **In 2017** | | **Comments** | | |
| *Selected* | |  |  |  | |  | | |
| *Selected AWS* | | 2 | - | 4 | |  | | |
| *VOSClim* | |  |  |  | |  | | |
| *VOSClim AWS* | |  |  |  | |  | | |
| *Supplementary* | |  |  |  | |  | | |
| *Supplementary AWS* | |  |  |  | |  | | |
| *Auxiliary* | |  |  |  | |  | | |
| *Auxiliary AWS* | |  |  |  | |  | | |
| *Other* | |  |  |  | |  | | |
| **National VOS Total** | |  |  |  | |  | | |
|  |  | |  |  |  | |  | | |
|  | **National VOS Target** | |  |  |  | |  | |  |
|  | **National VOSClim Target** | |  |  |  | |  | |  |
|  |  | |  |  |  | |  | |  |
|  | **b.** | **Data management:** | | | | | | | |
|  | *Total number of ship observations (BBXX) distributed on the GTS in 2017* | | | | | -- | | | |
|  | *Dates when VOS data submitted to the GCCs in 2017* | | | | | -- | | | |

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|  | c. | **Shipboard Automatic Weather System** | | | | | | | |
| **Type** | | | **No. of ships at 31 Dec 2017** | | **Manual Input**  **Yes / No** | | **Method of Comms** | **Year1 Plans** |
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|  | **d.** | **Electronic logbooks: (TurboWin, SEAS, OBSJMA)** | | | | | | | |
| **Software & version** | | **No. of ships at**  **31 Dec 2017** | | Implementation plans | | | | |
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| **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 | |  |  |
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| **f.** | **PMO ship visit activities: (if a visit is for dual purposes, include all purposes)** | | | | |
| **Activity** | | **Manual Ship** | | **AWS**  **Ship** | **Comment** |
| Routine VOS inspections | |  | | 2 |  |
| VOS recruitment visits | |  | | - |  |
| VOS de-recruitment visits | |  | | 1 |  |
| VOS courtesy or foreign visits | |  | | 1 |  |
| *Total visits to VOS* | | 4 | | |  |
| Routine ASAP inspections | |  | |  |  |
| ASAP recruitment visits | |  | |  |  |
| ASAP de-recruitment visits | |  | |  |  |
| ASAP courtesy visits | |  | |  |  |
| *Total visits to ASAP* | |  | |  |  |
| Routine SOOP visits | | 6 | |  |  |
| SOOP recruitment visits | | - | |  |  |
| SOOP de-recruitment visits | | - | |  |  |
| SOOP courtesy visits | | - | |  |  |
| *Total visits to SOOP* | | 6 | |  |  |
| Visits in support of DBCP (drifting buoys) | |  | |  |  |
| Visits in support of Argo (profiling floats) | |  | |  |  |
| *Total visits to other programs* | |  | |  |  |
| **Total visits by national PMOs** | | 10 | | *Sum of all ship visits (VOS + ASAP + SOOP) + visits to other program (DBCP + Argo)* | |
| **Total number of PMOs(FTE\*)** | | 0 | |  | |
| (\*FTE-Full Time Employee) | |  |  | |  |

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| **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 de-recruited. | |
|  |  |
| **h.** | **Research / development / testing:** |
| **---** | |
|  |  |
| **i.** | **Other comments** |
| Many thanks to GNV - Italy (the shipping company currently collaborating) and to Arkas Line - Turkey for its help in the recovering of the equipment.  In Italy there is no PMO. The VOS (and SOOP) activity was carried out by ENEA staff.  Only the equipment installed on MV Hilde A was recovered directly, while the crew of the ships removed and sent to ENEA the weather stations installed on MV VENTO DEL GOLFO, CORNELIUS A and NATALIA A.  At the end of 2017, the following AWS provided by Meteo-France within the European project E-SURFMAR are still running:   * BAROS ++ (call sign=BAREU51) installed on ship: LA SUPERBA (IMO=9214276) * BAROS (call sign=BAREU66) installed ship: EXCELLENT (IMO=9143441)   Four ships have been de-recruited:   * BAROS (call sign=BAREU62) installed on ship: VENTO DEL GOLFO (IMO=9238064) * BAROS++ (call sign=BAREU67) installed ship: HILDE A (IMO=9305908) * BAROS (call sign=BAREU72) installed ship: NATALIA A (IMO= 9020352) * BAROS (call sign=BAREU75) ship: CORNELIUS A (IMO= 8912455) | |