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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **VOS Report for 2017** | | | **Country =** | | | | **CROATIA** | |
|  | | | | | | | | | |
|  | **a.** | **Programme description:** | | | | | | | |
| **Category** | | **No. of ships at**  **31 Dec 2017** | **Recruitments in 2017** | **De-recruitments**  **In 2017** | | **Comments** | | |
| *Selected* | |  |  |  | |  | | |
| *Selected AWS* | |  |  |  | |  | | |
| *VOSClim* | |  |  |  | |  | | |
| *VOSClim AWS* | |  |  |  | |  | | |
| *Supplementary* | |  |  |  | |  | | |
| *Supplementary AWS* | | 1 |  | 1 | | 1 ESURFMAR Baros BAREU60 stopped December 2017  1 EUCAWS system under test, recruitments in the progress | | |
| *Auxiliary* | |  |  |  | |  | | |
| *Auxiliary AWS* | |  |  |  | |  | | |
| *Other* | |  |  |  | |  | | |
| **National VOS Total** | | 1 |  |  | |  | | |
|  |  | |  |  |  | |  | | |
|  | **National VOS Target** | | 3 |  |  | |  | |  |
|  | **National VOSClim Target** | |  |  |  | |  | |  |
|  |  | |  |  |  | |  | |  |
|  | **b.** | **Data management:** | | | | | | | |
|  | *Total number of ship observations (BBXX) distributed on the GTS in 2017* | | | | | 5196 | | | |
|  | *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** |
| E-SURFMAR S-AWS Baros | | | 1 till mid Dec | | no | | IRIDIUM | 2 EUCAWS |
|  | | |  | |  | |  |  |
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|  | **d.** | **Electronic logbooks: (TurboWin, SEAS, OBSJMA)** | | | | | | | |
| **Software & version** | | **No. of ships at**  **31 Dec 2017** | | Implementation plans | | | | |
|  | | - | | TurboWin+ planned for EUCAWS systems, format #101 | | | | |
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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 | | - | |  |  |
| 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)* | |
| **Total number of PMOs(FTE\*)** | | 2 | |  | |
| (\*FTE-Full Time Employee) | |  |  | |  |

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| **g.** | **Major challenges and difficulties:** |
| * Re-establishment of national VOS fleet ( routes, days at the sea, AWS programs, coastal communication vs IRIDIUM, logbooks) * WIGOS meta data standards for VOS | |
|  |  |
| **h.** | **Research / development / testing:** |
| 1. VOS –EUCAWS: central system/ sensors/TurboWin+ tests; format #101 tests; installation design for recruited ship;   documents and manuals at national language.  2. DBCP - Preparation for national met-ocean buoys network: buoy sensors setup design, administrative issues. | |
|  |  |
| **i.** | **Other comments** |
|  | |