|  |  |  |  |
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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 20171 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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|  |  |  |  |  |
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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) |  |  |  |

|  |  |
| --- | --- |
| **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** |
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