|  |  |  |  |
| --- | --- | --- | --- |
|  | **VOS Report for 2016** | **Country =** | **CHILE** |
|  |
|  | **.** | **Programme description:** |
| **Category** | **No. of ships at** **31 Dec 2016** | **Recruitments in 2016** | **De-recruitments****In 2016** | **Comments** |
| *Selected* | 2 | 0 | 0 | merchant vessels “Cabo Pilar” (CBPR) and “Cordillera” CECA” have not been recruited for Chile VOS |
| *Selected AWS* | 0 | 0 | 0 |  |
| *VOSClim* | 0 | 0 | 0 |  |
| *VOSClim AWS* | 0 | 0 | 0 |  |
| *Supplementary* | 0 | 0 | 0 |  |
| *Supplementary AWS* | 0 | 0 | 0 |  |
| *Auxiliary* | 2 | 1 | 0 | - recruited “Cabo de Hornos” (CCCH) scientific resarch vessel.- navy tall ship “Esmeralda” (CCES) completed her LXI trainning cruise over the North and South Pacific Ocean.- de-recruited navy frigate “Lynch” (CCLY), not participating on any international exercise. |
| *Auxiliary AWS* | 0 | 0 | 0 |  |
| *Other* | 3 | 0 | 0 | - transport “Aquiles” (CCAQ), icebreaker “Oscar Viel” (CCOV) and landing ship “Sgt. Aldea” (CCAL) sent some reports.  |
| **National VOS Total** | 6 |   |  |  |
|  |  |  |  |  |  |
|  | **National VOS Target** | 10 |  |  |  |  |
|  | **National VOSClim Target**  | 2 |  |  |  |  |
|  |  |  |  |  |  |  |
|  | **b.** | **Data management:** |
|  | *Total number of ship observations (BBXX) distributed on the GTS in 2016* | 685 |
|  | *Dates when VOS data submitted to the GCCs in 2016* | OCT-NOV 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 |
| TurboWin 45 | 3 | utilization of the program were introduced into navigation officers meteorology plan at the Naval Polytechnical Academy, for its implementation on board the navy ships  |

|  |  |
| --- | --- |
| **e.** | **Standard Meteorological Equipment: (Types and Settings)** |
| **Equipment Type / Element** | **Manual Instrumentation** | **AWS Instrumentation** |
| Barometer | Lilley et Gillie | C-5 SAM / N |
|  |  |
|  |  |
| *Default national setting* | *Station Level or Mean Sea Level* | *Station Level or Mean Sea Level* |
| Barograph | Barigo - Sestrel | C-5 SAM / N |
|  |  |
| *Default national setting* | *Station Level or Mean Sea Level* | *Station Level or Mean Sea Level* |
| Thermometers | Thiess - Zeal | C-5 SAM / N |
|  |  |  |
| Sea Surface Temperature |  |  |
|  |  |  |
| Wind Speed | Young - Vaisala | C-5 SAM / N |
|  |  |  |
| Wind Direction | Young - Vaisala | C-5 SAM / N |
|  |  |  |
|  |  |  |
|  |  |  |

|  |  |
| --- | --- |
| **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:** |
| - changes in masters and crews- ISPS measures on port access |
|  |  |
| **h.** | **Research / development / testing:** |
| - deployment of NOAA drifting buoys- JCOMM surveys on board the ships |
|  |  |
| **i.** | **Other comments** |
| - trainning on meteorology for students and fishermen, supported by university teachers |