|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **VOS Report for 2017** | | | **Country =** | | | | **Argentina** | |
|  | | | | | | | | | |
|  | **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* | |  |  |  | |  | | |
| *Auxiliary* | |  |  |  | |  | | |
| *Auxiliary AWS* | | 2 |  |  | | The AWS which are in the ships measure air temperature, humidity, atmospheric pressure, radiation, wind direction and speed. | | |
| *Other* | |  |  |  | |  | | |
| **National VOS Total** | | 2 |  |  | |  | | |
|  |  | |  |  |  | |  | | |
|  | **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* | | | | |  | | | |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | c. | **Shipboard Automatic Weather System** | | | | | | | |
| **Type** | | | **No. of ships at 31 Dec 2017** | | **Manual Input**  **Yes / No** | | **Method of Comms** | **Year1 Plans** |
| Campbell Scientific | | | 2 | | Yes | | Inmarsat | Every 6 hours, the ship sends the meteorological information to the National Weather Service Argentina (SMN) |
|  | | |  | |  | |  |  |
|  | | |  | |  | |  |  |
|  | | |  | |  | |  |  |
|  | | |  | |  | |  |  |
|  | | |  | |  | |  |  |
|  |  | | | | | |  | | |
|  | **d.** | **Electronic logbooks: (TurboWin, SEAS, OBSJMA)** | | | | | | | |
| **Software & version** | | **No. of ships at**  **31 Dec 2017** | | Implementation plans | | | | |
| Turbowin | | 2 | | The Turbowin software has been used yet. A member of the ship sends the AWS’s dates to the SMN by mail | | | | |
|  | |  | |  | | | | |
|  | |  | |  | | | | |
|  | |  | |  | | | | |
|  | |  | |  | | | | |
|  | |  | |  | | | | |
|  | |  | |  | | | | |
|  | |  | |  | | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **e.** | **Standard Meteorological Equipment: (Types and Settings)** | | |
| **Equipment Type / Element** | | **Manual Instrumentation** | **AWS Instrumentation** |
| Barometer | |  | *CS100*  *Setra. Model 278* |
|  | capacitive sensor |
|  | On the navigation bridge |
| *Default national setting* | | *Station Level or Mean Sea Level* | *Station Level* |
| Temperature and humidity | |  | HC2S3 |
|  |  |
|  | |  |  |
| Wind Speed | |  | 05108-L |
|  | |  |  |
| Wind Direction | |  | 05108-L |
|  | |  |  |
| Radiation | |  | *Pyranometer LP02* |
|  | |  |  |
|  | |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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\*)** | | - | |  | |
| (\*FTE-Full Time Employee) | |  |  | |  |

|  |  |
| --- | --- |
| **g.** | **Major challenges and difficulties:** |
| For different reasons, Argentina didn´t recruit ships this year. We understand the important to involved in the program VOS and for this, the SMN met with a member of Naval Prefecture (PNA) and other of Naval Hydrography Service (SHN) to integrate some of ships in the VOS programme | |
|  |  |
| **h.** | **Research / development / testing:** |
|  | |
|  |  |
| **i.** | **Other comments** |
| The aim for this year is that Autral, Puerto Deseado, Irizar and Ara Libertad could be part of VOS. Also, we expect that more PNA ships will be in this programme.  Other aim is to train Port Meteorological Officers because they will contribute to active the VOS programme for example to recruit ships. | |