

## VOS Report for 2010

(South Africa)

a. Programme description:				
Category	No. of ships at 31 Dec 2010	Recruitments in 2010	De-recruitments In 2010	Comments
<i>Selected</i>	0	0	0	Nil
<i>Selected AWS</i>	0	0	0	
<i>VOSclim</i>	19	0	1	Safmarine Meru to Australian fleet
<i>VOSclim AWS</i>	0	0	0	We have 3 AWS stations pending installation
<i>Supplementary</i>	0	0	0	
<i>Supplementary AWS</i>	0	0	0	
<i>Auxiliary</i>	0	0	0	
<i>Auxiliary AWS</i>	0	0	0	
<i>Other</i>	1	1	0	Lady Amber(yacht) used for deploying argo floats
<b>National VOS Total</b>	20			

<b>National VOS Target</b>	30
<b>National VOSclim Target</b>	30

b. Data management:	
Total number of ship observations (BBXX) distributed on the GTS in 2010	173543GTS and 1366 IMMT Logs
Frequency of VOS data submitted to the GCC in 2010	IMMT DATA sets were sent five times, in January, April, June, September and October



**g. Major challenges and difficulties:**

Our major challenge is a shortage of Barographs, Barometers and hygrometers for the installation of newly recruited vessels. At Durban a shortage of vehicles to visit the port, and the distance from the office to the port (60km) is also a challenge.

**h. Research / development / testing:**

Gus Mckay did three High Density XBT cruises covering the AX18 transect .They were: on the NOAA research ship R/V RONALD H. BROWN, Departing Valparaiso, Chile, Feb 07, 2010; arriving in Cape Town, South Africa, Feb 27, 2010. Other than dropping XBT's , 6 argo floats were also deployed. The AX180610 conducted aboard the Ital Fortuna from Durban on the 28<sup>th</sup> May to Montevideo on the 09<sup>th</sup> of June 2010, and the AX180910 was conducted aboard the JPO Volans from Montevideo on the 28<sup>th</sup> August 2010 to Durban on the 18<sup>th</sup> of September 2010. The next cruise planned is the AX180211 which will be conducted on the JPO Volans from Santos on the 08<sup>th</sup> Feb2011 to Durban on the 26<sup>th</sup> Feb2011.

**i. Other comments:**