VOS Report for 2010   **Singapore**

a. Programme description:				
Category	No. of ships at 31 Dec 2010	Recruitments in 2010	De-recruitments In 2010	Comments
Selected	14	1	1	
Selected AWS	0	0	0	
VOSClim	0	0	0	
VOSClim AWS	0	0	0	
Supplementary	0	0	0	
Supplementary AWS	0	0	0	
Auxiliary	0	0	0	
Auxiliary AWS	0	0	0	
Other	0	0	0	
National VOS Total	14			

National VOS Target	20
National VOSClim Target	0

b. Data management:	
Total number of ship observations (BBXX) distributed on the GTS in 2010	Data No Available
Frequency of VOS data submitted to the GCC in 2010	Nil

c.	Shipboard Automatic Weather System				
Type		**No. of ships at 31 Dec 2010**	**Manual Input Yes / No**	**Method of Comms**	**2011 Planned installations**
Nil		Nil			Nil

f.	Electronic logbooks: (TurboWin, SEAS, OBSJMA)	
Software & version	**No. of ships at 31 Dec 2010**	**Implementation plans**
TurboWin v3.3	1	
TurboWin v3.5	1	

g.   Major challenges and difficulties:

To encourage and convince the shipping companies to enrol their ships as VOS.

h.   Research / development / testing:

Nil

i.   Other comments:

Nil