VOS Report for 2011 Germany

a. Programme description:				
Category	No. of ships at 31 Dec 2011	Recruitments in 2011	De-recruitments In 2011	Comments
Selected	742	17	49	
Selected AWS	17	1		
VOSClim	55	8		
VOSClim AWS	2			
Supplementary	2			
Supplementary AWS				
Auxiliary	23			
Auxiliary AWS				
Other				
National VOS Total	846			

National VOS Target	not specified
National VOSClim Target	not specified

b. Data management:	
Total number of ship observations (BBXX) distributed on the GTS in 2011	<mark>250.436</mark>
Frequency of VOS data submitted to the GCC in 2011	continuously

c.	. Shipboard Automatic Weather System				
	Туре	No. of ships at 31 Dec 2011	Manual Input Yes / No	Method of Comms	2012 Planned installations
	MILOS	17	no	DCP	
	Ship own data logger	2	yes	INMARSAT/Iridium	

f. Electronic logbooks: (Tui	. Electronic logbooks: (TurboWin, SEAS, OBSJMA)		
Software & version	No. of ships at 31 Dec 2011	Implementation plans	
TurboWINxx	825	Continuously on Ship's PC	

g.	Major challenges and difficulties:
Long	g-term strategy to replace Hg-thermometer and mechanical barometer/barograph by electronic equipment
h.	Research / development / testing:
i.	Other comments: