

VOS and VOSClm Report for 2008

Germany

a. Programme description:		
Category	No. of ships at 31 Dec 2008	Comments
<i>Selected</i>	803	
<i>Supplementary</i>	2	
<i>Auxiliary</i>	26	
<i>Other (specify)</i>	0	
Total National VOS Fleet	831	

b. VOS:	
<i>Number of VOS vessels recruited in 2008</i>	72
<i>Number of VOS vessels de-recruited in 2008</i>	93
<i>Target number of ships in the national VOS Fleet</i>	not specified

c. VOSClm:	
<i>Number of VOSClm vessels at 31 December 2008</i>	29
<i>Number of VOSClm vessels recruited in 2008</i>	4
<i>Number of VOSClm de-recruitments in 2008</i>	0
<i>Number of VOSClm recruitments planned for 2009</i>	not specified
<i>Target number of ships to participate in VOSClm</i>	not specified

d. Automated observing systems:				
Type	No. of ships at 31 Dec 2008	Manual Input Yes / No	Method of Comms	2009 Planned installations
MILOS	17	No	DCP	MEERKATZE/DBFM will be replaced by new MEERKATZE (DBFX)
Ship Own Data Logger	2	Yes	INMARSAT/Iridium	

e. Data management:	
<i>Total number of ship observations (BBXX) distributed on the GTS in 2008</i>	276.858
<i>Frequency of VOS data submitted to the GCC in 2008</i>	continuously

f. Electronic logbooks:		
Software & version	No. of ships at 31 Dec 2008	Implementation/upgrade plans
TurboDOS/Winxx	730	Continuously on Ship's PC

g. Major challenges and difficulties:

Long-term strategy to replace Hg-thermometer and mechanical barometer/barograph by electronic equipment

h. Research / development / testing:

i. Other comments: