

## VOS and VOSClm Report for 2008

## SWEDEN

a. Programme description:		
Category	No. of ships at 31 Dec 2008	Comments
<i>Selected</i>	30	
<i>Supplementary</i>		
<i>Auxiliary</i>		
<i>Other (specify)</i>	3	1 Coastguard cutter, 1 Research vessel, 1 Sail training vessel
<b>Total National VOS Fleet</b>	33	

b. VOS:	
<i>Number of VOS vessels recruited in 2008</i>	2
<i>Number of VOS vessels de-recruited in 2008</i>	3
<i>Target number of ships in the national VOS Fleet</i>	30 - 35

c. VOSClm:	
<i>Number of VOSClm vessels at 31 December 2008</i>	
<i>Number of VOSClm vessels recruited in 2008</i>	
<i>Number of VOSClm de-recruitments in 2008</i>	
<i>Number of VOSClm recruitments planned for 2009</i>	
<i>Target number of ships to participate in VOSClm</i>	

d. Automated observing systems:				
Type	No. of ships at 31 Dec 2008	Manual Input Yes / No	Method of Comms	2009 Planned installations

e. Data management:	
<i>Total number of ship observations (BBXX) distributed on the GTS in 2008</i>	<b>12095 (statistic of SMHI)</b>
<i>Frequency of VOS data submitted to the GCC in 2008</i>	

f. Electronic logbooks:		
Software & version	No. of ships at 31 Dec 2008	Implementation/upgrade plans
TurboWin	1	(Test). Planning to implement 3 – 6 more vessels in 2009. Delayed because of security problems at the shipping companies IT – department.

**g. Major challenges and difficulties:**

- \* To implement TurboWin on 75% of the ships at the end of 2010.
- \* To implement smaller (and better) radiation covers (temperature) on 10 - 12 more ships 2009 (done for 10 ships 2008).  
In the end of 2010 all radiation covers changed.
- \* To replace all the rest of the mercury thermometers to electronic instruments 2009. (Just 6 left 2008-12-31).

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

- \* Still more contact with the ships. (Follow up the ships, inform about wrong observations, follow up when few / none observations, give praise when many and correct observations.)

**i. Other comments:**

Lack of resources. PMO has only 10% time of a manyear.