

VOS and VOSClm Report for 2009

SWEDEN

a. Programme description:		
Category	No. of ships at 31 Dec 2009	Comments
<i>Selected</i>	27	
<i>Supplementary</i>		
<i>Auxiliary</i>		
<i>Other (specify)</i>	3	1 Research Vessel, 1 Sail Training Vessel, 1 Coastguard Cutter
Total National VOS Fleet	30	

b. VOS:	
<i>Number of VOS vessels recruited in 2009</i>	0
<i>Number of VOS vessels de-recruited in 2009</i>	3 (The ships sold to other countries due to the economic crisis)
<i>Target number of ships in the national VOS Fleet</i>	30-35

c. VOSClm:	
<i>Number of VOSClm vessels at 31 December 2009</i>	
<i>Number of VOSClm vessels recruited in 2009</i>	
<i>Number of VOSClm de-recruitments in 2009</i>	
<i>Number of VOSClm recruitments planned for 2010</i>	
<i>Target number of ships to participate in VOSClm</i>	

d. Automated observing systems:				
Type	No. of ships at 31 Dec 2009	Manual Input Yes / No	Method of Comms	2010 Planned installations

e. Data management:	
<i>Total number of ship observations (BBXX) distributed on the GTS in 2009</i>	9922 (Statistic of SMHI)
<i>Number of submissions of VOS data to the GCC in 2009</i>	All logbooks SMHI has received from 2002-2008, and some older logbooks, has been sent to GCC in Hamburg until now. Logbooks for 2009 will be sent later on in 2010 (when we have received them all).

f. Electronic logbooks: (do not include AWS-based systems)		
Software & version	No. of ships at 31 Dec 2009	Implementation plans
TurboWin	1-3	Testing. Still delayed because of security problems at the shipping companies IT-departments. Planning to implement more vessels in 2010 and all the VOS-fleet in the end of 2011.

g. Major challenges and difficulties:

- * To implement TurboWin on 25% of the ships at the end of 2010 and all the ships in the end of 2011.
- * To implement small radiation covers (temperature) on 90% of the ships in the end of 2010. (Today done for little more than 50% of the ships.)

h. Research / development / testing:

- * To recruit 2-3 more ships in the VOS fleet..
- * To go on with still more contacts with the ships.

i. Other comments:

- * The target is to recruit a new P.M.O. during the first half of 2010.
- * No mercury thermometers left on the ships!
- * Lack of resources. PMO, until now, have only 10% time of a manyear.