

VOS and VOSClm Report for 2008

Singapore

a. Programme description:		
Category	No. of ships at 31 Dec 2008	Comments
<i>Selected</i>	14	
<i>Supplementary</i>	Nil	
<i>Auxiliary</i>	Nil	
<i>Other (specify)</i>	Nil	
Total National VOS Fleet	14	

b. VOS:	
<i>Number of VOS vessels recruited in 2008</i>	0
<i>Number of VOS vessels de-recruited in 2008</i>	0
<i>Target number of ships in the national VOS Fleet</i>	20

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

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

e. Data management:	
<i>Total number of ship observations (BBXX) distributed on the GTS in 2008</i>	Data not available
<i>Frequency of VOS data submitted to the GCC in 2008</i>	NIL

f. Electronic logbooks:		
Software & version	No. of ships at 31 Dec 2008	Implementation/upgrade plans
Turbowin 3.3	1	

g. Major challenges and difficulties:

- 1) Recruiting ship to VOS program.
- 2) Current ship involved in this program still preferred to use manual log book entry rather than electronic logbook.

h. Research / development / testing:

NIL

i. Other comments:

NIL