

VOS and VOSClim Report for 2009

(MALAYSIA)

a. Programme description:		
Category	No. of ships at 31 Dec 2009	Comments
<i>Selected</i>	20	
<i>Supplementary</i>	13	
<i>Auxiliary</i>	-	
<i>Other (specify)</i>	-	
Total National VOS Fleet	33	

b. VOS:	
<i>Number of VOS vessels recruited in 2009</i>	1
<i>Number of VOS vessels de-recruited in 2009</i>	-
<i>Target number of ships in the national VOS Fleet</i>	To maintain 33 active ships

c. VOSClim:	
<i>Number of VOSClim vessels at 31 December 2009</i>	-
<i>Number of VOSClim vessels recruited in 2009</i>	-
<i>Number of VOSClim de-recruitments in 2009</i>	-
<i>Number of VOSClim recruitments planned for 2010</i>	-

Target number of ships to participate in VOSCLim	
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d. Automated observing systems:				
Type	No. of ships at 31 Dec 2009	Manual Input Yes / No	Method of Comms	2010 Planned installations
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e. Data management:	
Total number of ship observations (BBXX) distributed on the GTS in 2009	17174 (Number of reports received from GTS from all VOS ships for a region bounded by latitude 5S – 20N and longitude 95E – 130E)
Frequency of VOS data submitted for the GCC in 2009	4 batches consisting of 1817 records were sent in 2009

f. Electronic logbooks:		
Software & version	No. of ships at 31 Dec 2009	Implementation plans
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g. Major challenges and difficulties:

- 1. Decreasing entries in Marine Meteorological Logbook.**
- 2. PMOs sometimes had to travel far from their base stations to perform calibration works for ships which requested such services.**

h. Research / development / testing:

i. Other comments:

- 1. WMO should organize regular workshop/seminar or training for PMOs in order to enhance their services to the shipping community.**
- 2. WMO /JCOMM should update/supply NMS with the latest materials such as cloud pictures, state of sea charts and any other related materials.**
- 3. WMO/JCOMM should emphasize the importance of VOS scheme to all shipping companies through leaflets/workshops/seminars.**