VOS and VOSClim Report for 2008   **(Korea(Rep.))**

a. Programme description:		
Category	**No. of ships at 31 Dec 2008**	**Comments**
Selected	20	
Supplementary	-	
Auxiliary	-	
Other (specify)	-	
Total National VOS Fleet	20	

b. VOS:	
Number of VOS vessels recruited in 2008	-
Number of VOS vessels de-recruited in 2008	2
Target number of ships in the national VOS Fleet	-

c. VOSClim:	
Number of VOSClim vessels at 31 December 2008	-
Number of VOSClim vessels recruited in 2008	-
Number of VOSClim de-recruitments in 2008	-
Number of VOSClim recruitments planned for 2009	-
Target number of ships to participate in VOSClim	-

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:

Total number of ship observations (BBXX) distributed on the GTS in 2008	1747
Frequency of VOS data submitted to the GCC in 2008	

f.   Electronic logbooks:

Software & version	No. of ships at 31 Dec 2008	Implementation/upgrade plans

g. Major challenges and difficulties:

Because of the automatic ship management system, the number of crew is on the decrease, whereas the work load is on the increase.
This is one of the major difficulties. To solve the problem, we are planning to supply the dedicated S/W, like TurboWin, to the VOS fleet.

h. Research / development / testing:

i. Other comments:

It will be very helpful if the results or lists of the researches using the VOS data is provided through the VOS website.
The VOS owners want to know where and how the data is used