## **VOS and VOSClim Report for 2009**

## (Ireland)

a. Programme d	Programme description:		
Category	No. of ships at 31 Dec 2009	Comments	
Selected	13		
Supplementary			
Auxiliary			
Other (specify)			
Total National VOS Fleet	13		

b.	vos:	
Num	aber of VOS vessels recruited in 2009	0
Num	nber of VOS vessels de-recruited in 2009	0
Target number of ships in the national VOS Fleet		13

c. VOSClim:	
Number of VOSClim vessels at 31 December 2009	0
Number of VOSClim vessels recruited in 2009	0
Number of VOSClim de-recruitments in 2009	0
Number of VOSClim recruitments planned for 2010	0
Target number of ships to participate in VOSClim	0

d. Automated observing systems:				
Туре	No. of ships at 31 Dec 2009	Manual Input Yes / No	Method of Comms	2010 Planned installations
Batos	1	No	Iridium Sat.	1

e. D	Data management:	
Total n	number of ship observations (BBXX) distributed on the GTS in 2009	
Numbe	er of submissions of VOS data to the GCC in 2009	

Electronic logbooks: (do not include AWS-based systems)			
Software & version	No. of ships at 31 Dec 2009	Implementation plans	
Turbowin 4.0	2	In discussion with 8 ships to install Turbowin	
	Software & version	Software & version No. of ships at 31 Dec 2009	

g.	Major challenges and difficulties:
Sma	ller crews on board ships restricts time available to do observations.
h.	Research / development / testing:
Insta	allation of Batos AWS on board Celtic Voyager to replace old Milos AWS planned 2010.
i.	Other comments: