

## VOS and VOSClm Report for 2008

## FRANCE

a. Programme description:		
Category	No. of ships at 31 Dec 2008	Comments
<i>Selected</i>	65	
<i>Supplementary</i>		
<i>Auxiliary</i>		
<i>Other (specify)</i>		
<b>Total National VOS Fleet</b>	65	

b. VOS:	
<i>Number of VOS vessels recruited in 2008</i>	5
<i>Number of VOS vessels de-recruited in 2008</i>	8
<i>Target number of ships in the national VOS Fleet</i>	~70

c. VOSClm:	
<i>Number of VOSClm vessels at 31 December 2008</i>	21
<i>Number of VOSClm vessels recruited in 2008</i>	0
<i>Number of VOSClm de-recruitments in 2008</i>	0
<i>Number of VOSClm recruitments planned for 2009</i>	28
<i>Target number of ships to participate in VOSClm</i>	48

<b>d. Automated observing systems:</b>				
<b>Type</b>	<b>No. of ships at 31 Dec 2008</b>	<b>Manual Input Yes / No</b>	<b>Method of Comms</b>	<b>2009 Planned installations</b>
BATOS	54	Yes	Inmarsat C	7
Mini BATOS	1	no	Inmarsat C	0
MINOS	7	no	Argos	0

<b>e. Data management:</b>	
<i>Total number of ship observations (BBXX) distributed on the GTS in 2008</i>	198311
<i>Frequency of VOS data submitted to the GCC in 2008</i>	quarterly

<b>f. Electronic logbooks:</b>		
<b>Software &amp; version</b>	<b>No. of ships at 31 Dec 2008</b>	<b>Implementation/upgrade plans</b>
BATOS 3	53	The software BATOS 4 will be implemented gradually from 2009. This version will allow later to send messages via IRRIDIUM.
BATOS 2	2	0
Turbowin	4	0

**g. Major challenges and difficulties:**

The volume data of manual input observations regularly decrease these last years and one of the major challenges for Météo-France is how to enhance these manual observations. Météo-France is thinking about the way of improving meteorological training.

**h. Research / development / testing:**

**i. Other comments:**