

VOS Report for 2013

Country = FRANCE

a. Programme description:				
Category	No. of ships at 31 Dec 2013	Recruitments in 2013	De-recruitments In 2013	Comments
<i>Selected</i>	1		1	De-recruited : Magellan
<i>Selected AWS</i>	10	1	2	Recruited : Planet solar, De- recrutied : Conti Asia, Provence
<i>VOSclim</i>				
<i>VOSclim AWS</i>	51	1	1	Recruited : Piana, De- recrutied : Contentin
<i>Supplementary</i>				
<i>Supplementary AWS</i>				
<i>Auxiliary</i>				
<i>Auxiliary AWS</i>				
<i>Other</i>				
National VOS Total	63			

National VOS Target	80
National VOSclim Target	70

b. Data management:	
<i>Total number of ship observations (BBXX) distributed on the GTS in 2013</i>	220 607
<i>Date when VOS data submitted to the GCCs in 2013</i>	Every 3 months

e. Standard Meteorological Equipment: (Types and Settings)		
Equipment Type / Element	Manual Instrumentation	AWS Instrumentation
Barometer <i>Default national setting</i>	PTB220	PTB220
		PTU200
	<i>Station Level</i>	<i>Station Level</i>
Barograph		
Thermometers		PT100
		PT100 from humidity sensor (HMP45D, HMP110)
Sea Surface Temperature		PT100
Wind Speed and direction		WINDSONIC GILL
		VAISALA WMT52
		YOUNG 05103

f. PMO ship visit activities: (if a visit is for dual purposes, include all purposes)			
Activity	Manual Ship	AWS Ship	Comment
Routine VOS inspections		211	
VOS recruitment visits		2	
VOS de-recruitment visits		1	
VOS courtesy or foreign visits		0	
<i>Total visits to VOS</i>			
Routine ASAP inspections			
ASAP recruitment visits			
ASAP de-recruitment visits			
ASAP courtesy visits			
<i>Total visits to ASAP</i>			
Routine SOOP visits			
SOOP recruitment visits			
SOOP de-recruitment visits			
SOOP courtesy visits			
<i>Total visits to SOOP</i>			
Visits in support of DBCP (drifting buoys)			
Visits in support of Argo (profiling floats)			
<i>Total visits to other programs</i>			
Total visits by national PMOs	214		<i>Sum of all ship visits (VOS + ASAP + SOOP) + visits to other program (DBCP + Argo)</i>

g. Major challenges and difficulties:

2013 was the year of the transition to Iridium. 15 ships are now transmitting through Iridium.

Some problems were observed on pressure measurement when the barometer is installed outside. Studies and understanding of dynamic pressure effects on ships will go on in 2014.

h. Research / development / testing:

The prototypes of the marine version of new French Automatic Weather station (PACOME) were tested. The 2 first stations will be installed in 2014.

Meteo-France is coordinating the EUCAWS project on behalf E-Surfmar. First prototypes will be delivered this year.

i. Other comments