a. Programme description:				
Category	No. of ships at 31 Dec 2014	Recruitments in 2014	De-recruitments In 2014	Comments
Selected	2	1		Manzanillo (conventional VOS)
Selected AWS	11			1 recruited (Perle Express to test the new AWS), one de-recruited : Safarine Meru.
VOSClim	50			1 de-recruited (Napoléon Bonaprte)
VOSClim AWS				
Supplementary				
Supplementary AWS				
Auxiliary				
Auxiliary AWS				
Other				
National VOS Total	63			

National VOS Target	80
National VOSClim Target	70

b. Data management:	
Total number of ship observations (BBXX) distributed on the GTS in 2014	224383
Dates when VOS data submitted to the GCCs in 2014	20 March,1 July, 7 November

c. Shipboard Automatic Weather System				
Туре	No. of ships at 31 Dec 2014	Manual Input Yes / No	Method of Comms	Year1 Plans
BATOS	57	Yes	INMARSAT/IRIDIUM	0
MINOS	3	No	ARGOS	0
MERCURY	2	Yes	IRIDIUM (not on the GTS at the moment)	5

d. Electronic logbooks: (Turbo	d. Electronic logbooks: (TurboWin, SEAS, OBSJMA)			
Software & version	No. of ships at 31 Dec 2014	Implementation plans		
TURBOWIN 5	2	1 more (Hermione)		

e. Standard Meteorological Equipment: (Types and Settings)				
Equipment Type / Element	Manual Instrumentation	AWS Instrumentation		
Barometer	PTB220	PTB220		
		PTU200		
Default national setting	Station Level	Station Level		
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	3	212		
VOS recruitment visits		2		
VOS de-recruitment visits	1			
VOS courtesy or foreign visits				
Total visits to VOS	2	18		
Routine ASAP inspections	25		Same ship already equipped with AWS (not summed to the total)	
ASAP recruitment visits				
ASAP de-recruitment visits				
ASAP courtesy visits				
Total visits to ASAP	25			
Routine SOOP visits				
SOOP recruitment visits				
SOOP de-recruitment visits				
SOOP courtesy visits				
Total visits to SOOP				
Visits in support of DBCP (drifting buoys)				
Visits in support of Argo (profiling floats)				
Total visits to other programs				
Total visits by national PMOs	218	Sum of all shi	p visits (VOS + ASAP + SOOP) + visits to other program (DBCP + Argo)	

g. Major challenges and difficu	lties:
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To continue to install Iridium modems instead of Inmarsat. Half of the fleet is using Iridium now.

Some problems were observed on pressure measurement when the barometer is installed outside.

## h. Research / development / testing:

The new French Automatic Weather stations (MERCURY) was tested. The 2 first stations have been installed in 2014. They are still not transmitting onto the GTS.

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

i.	Other comments