a. Programme descripti	a. Programme description: China VOS Programme				
Category	No. of ships at 31 Dec 2010	Recruitments in 2010	De-recruitments In 2010	Comments	
Selected					
Selected AWS	80			47 commercial ships and 33 offshore vessels (fisheries, official)	
VOSClim					
VOSClim AWS					
Supplementary					
Supplementary AWS					
Auxiliary					
Auxiliary AWS					
Other					
National VOS Total	80				

National VOS Target	230
National VOSClim Target	

b. Data management:		
Total number of ship observations (BBXX) distributed on the GTS in 2010		
Frequency of VOS data submitted to the GCC in 2010		

c. Shipboard Automatic Weather S	Shipboard Automatic Weather System					
Туре	No. of ships at 31 Dec 2010	Manual Input Yes / No	Method of Comms	2011 Planned installations		
XZC6-1	35	YES	Inmarsat-C	17		
XZC2-2SA	12	YES	Inmarsat-C			
DJQ-1	33	YES	CDMA			

f.	Electronic logbooks: (TurboWin, SEAS, OBSJMA)				
	Software & version	No. of ships at 31 Dec 2010	Implementation plans		

g. Major challenges and difficulties:

(1) Lacking of staff and vessels overseas inspections are not possible.

(2) Ship problems—High turnover, constant changing of crew.

(3) Most ship-owners are not positive to carry out the observations.

(4) Coordination and cooperation must be done among multi-departments in China, and the VOS data manage policy, software (and/or hardware) in China should be adjusted by cooperation with JCOMM to fit in with the JCOMM VOS standards.

h. Research / development / testing:

i. Other comments: