

VOS Report for 2012

CHILE

a. Programme description:				
Category	No. of ships at 31 Dec 2012	Recruitments in 2012	De-recruitments In 2012	Comments
<i>Selected</i>	2	0	2	MV "Cabo Pilar" (CBPR) and "Cordillera" (CECA) have not been recruited by the Chile Navy Weather Service
<i>Selected AWS</i>	0	0	0	
<i>VOSclim</i>	0	0	0	
<i>VOSclim AWS</i>	0	0	0	
<i>Supplementary</i>	0	0	0	
<i>Supplementary AWS</i>	0	0	0	
<i>Auxiliary</i>	5	5	0	Chile Navy vessels recruited on a seasonal basis, including international cruise of tall ship "Esmeralda" (CCES), joint exercises with frigate "Almte. Lynch" (CCLY), local coast transport "Sgt. Aldea" (CCAL), summer antarctic campaign on board "Aguiles" (CCAQ) and "Almte. Oscar Viel" (CCOV).
<i>Auxiliary AWS</i>	0	0	0	VOS Drifting Buoys donors pilot program receiver candidates: "Esmeralda" tall ship (CCES) and fishing research vessel "Abate Molina" (CB4633) at her Pacific Ocean cruises
<i>Other</i>	0	0	0	Chile Navy new oceanographic research vessel "Cabo de Hornos" (Cape Horn) will operate from Valparaiso to Easter Island and Antarctica in 2013
National VOS Total	7			

National VOS Target	15
National VOSclim Target	2

b. Data management:	
Total number of ship observations (BBXX) distributed on the GTS in 2012	620
Frequency of VOS data submitted to the GCC in 2012	1-2 a day

c. Shipboard Automatic Weather System				
Type	No. of ships at 31 Dec 2012	Manual Input Yes / No	Method of Comms	2013 Planned installations
	0	Yes	satellite connection to e-mail (Sky File)	

d. Electronic logbooks: (TurboWin, SEAS, OBSJMA)		
Software & version	No. of ships at 31 Dec 2012	Implementation plans
Turbo Win 4.5	10	to massify the use of the TW software on board the Chile Navy ships, for recording their weather observations on board and facilitate it codification, no matter the ship were part of VOS or not

e. Major challenges and difficulties:

- at the beginning of the embryonic national VOS level, there is evidence of the need to develop a formal training for the new PMOs
- Chile Navy Weather Service have not access to GTS, our VOS operates by sending the SHIP.OBS to NOAA, CANADA, KNMI and DMC (also, we have no access to the lists of ships using masked call signs)
- to translate into spanish the TW operation manual, for helping the installation on board the research, fishing and factory vessels, at high seas in front of chilean coasts.

f. Research / development / testing:

- sailwx.info web page is a good source of information for to know where are the ships sailing and their weather conditions, showing that important feedback to our twitter account followers.
- on line web cams on board from ship's bridge (Princess Cruise Line) and internet blogs from scientific vessels are also very helpful
- during PMO courtesy visits in Valparaiso, Marine Meteorological Monitoring Survey (MMMS) issued by JCOMM, have been used as a formal tool to ask the Masters about their needs and improvements
- PMO courtesy visits in Punta Arenas were focused on ice monitoring and charting, together with weather support for Antarctic navigations
- Chile Navy tall ship "Esmeralda" on her 2011-2012 world wide training cruises, received the foreign PMOs visits at San Diego (US), Vancouver (CA), Wellington (NZ), Mumbai (IN), Haifa (IL) and Guayaquil (EC).

g. Other comments:

- Chile Navy have agreed to host the next International Port Meteorological Officers Workshop to be held on Valparaiso, during June 2014 under the 50th anniversary of her Weather Service. And in October, the ETSI-NOAA ice analysts meeting at Punta Arenas have been offered too.