

BRAZILIAN NAVY
NAVY HYDROGRAPHIC CENTER

NATIONAL REPORT

Subject: VOS and SOT Programs

Annex: List of Ships

1. SUMMARY

The present Report aims to present the situation of the VOS and SOT Programs and Port Meteorological Officers activities in Brazil in attention to the request of the WMO, made by the Craft n° 11114-08/obs/WIGOS/ODS/MAR/SOT/AR'08 and the craft n° 012/2009/GAB/INMET of the National Institute of Meteorology (INMET), the permanent representative of Brazil.

2. CURRENT SITUATION AND FUTURE ACTIONS TO BE TAKEN

As showed in the List of Ships, in Annex, of a total of 222 selected ships, only 14 have transmitted SHIP messages in 2008. We have to emphasize that these ships belongs to the Brazilian Navy and that the SHIP messages have been transmitted exclusively by the Brazilian Navy communications channels.

With the objective to incentive the recruitment of merchant ships, the Navy Hydrographic Center(CHM), the organization responsible for the operation of the Brazilian Marine Meteorological Service (SMM), is developing a work plan, which will have to contemplate the following actions initially:

a) to evaluate the methods to be used for the ships to transmit SHIP messages, without costs for the ships, in accordance with established in the VOS Program, http://vos.noaa.gov/vos_scheme.shtml;

b) to promote visits and lectures on VOS in the “Centro de Instrução Almirante Graça Aranha” (CIAGA) and “Centro de Instrução Almirante Braz de Aguiar” (CIABA), the National Organizations which is responsible for the formation of Officers for the merchant ship fleet in Brazil;

c) to direct circular letters and set appointments visits to the national shipowners, explaining the importance of the participation of the ships in the VOS Program, for the improvement of the weather forecast, on the maritime area, in order to provide greater security to the staff and of the material and the reduction of the freight of the loads; and,

d) to reactivate the activities as Port Meteorological Officer by means of technical visits to the ships that come alongside in the Port of Rio de Janeiro, and to evaluate the viability to start again the activities of port meteorological officers in other brazilian ports.

3. CONCLUSÃO

The CHM recognizes the importance of SHIP messages for the weather forecast in general and for the climatic studies, and is undertaking actions in the direction to extend the voluntary participation of the merchant ships, of the national merchant fleet, in the VOS program. The focal point, in the CHM, for the questions related to the VOS and SOT Programs and Port Meteorological Officer is the Officer in charge of the Environmental Predictions Division.

The address for contact is:

Navy Hydrographic Center
Marine Meteorological Service
Tel: +55 21 2189-3276
Fax: +55 21 2620-8861
previsor@smm.mil.br
previsao@chm.mar.mil.br
<http://www.mar.mil.br/dhn/chm/meteo>

Niterói, RJ, 13 March 2009.

EMMA GIADA MATSCHINSKE
Lieutenant-Commander (T)
Officer in Charge of the Environmental Predictions Division

Ship Observations Team

National Report for 2008

1.

Country	BRAZIL
----------------	--------

2.

Prepared by	NAVY HYDROGRAPHIC CENTER LtCdr Emma Giada Matschinske
--------------------	---

3. **Contributing national marine organizations:**

#

Insert as applicable – VOS / VOSClm / SOOP / ASAP – Include additional detail where appropriate e.g (data management).

Organization	NAVY HYDROGRAPHIC CENTER
Programmes #	VOS
Website URL	http://www.mar.mil.br/dhn/chm/meteo