

DIRECTORATE OF HYDROGRAPHY AND NAVIGATION NAVY HYDROGRAPHIC CENTER



DBCP-30 BRAZIL NATIONAL REPORT



Weihai - China 27 to 310CT2014

Brazil National Buoy Program



The Brazil National Buoy Program was criated, together with the GOOS/Brasil Pilot Program, by the Interministerial Commission for the Sea Resources (CIRM), in April 1997, and is coordinated by Navy.









Brazil National Buoy Program

Members



Brazil National Buoy Program

Objectives

The National Buoy Program has the goal of collecting oceanographic and meteorological data in the South Atlantic Ocean, by a buoy network, in support to meteorological and oceanographic activities in Brazil.





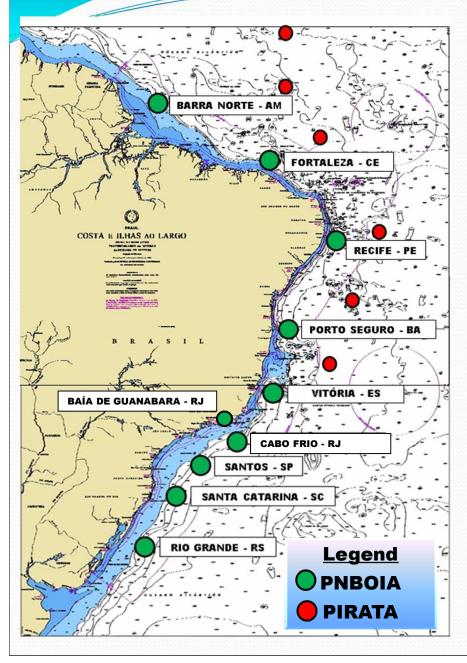


Watchkeeper



Drifters

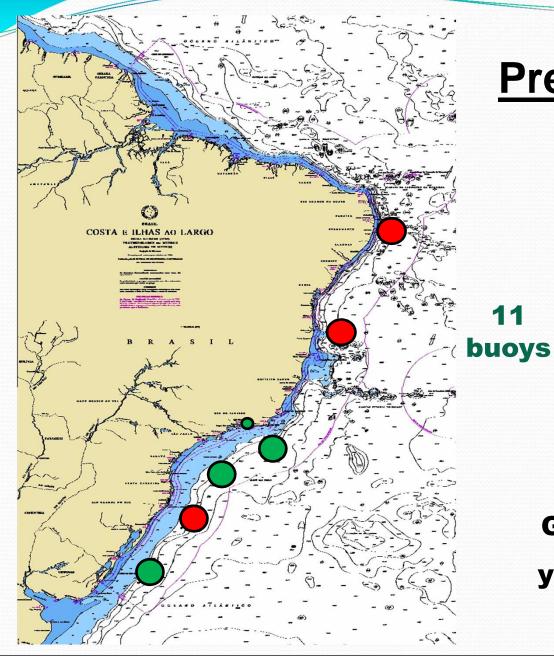
Brazil National Buoy Program (PNBOIA)



Operational Project

- Moored buoys:10 along the coast
- ➤ Drifters:
 Maintain a 5x5 degree array

Brazil National Buoy Program (PNBOIA)



Present Situation of the Network

> 4 operating

3 down for maintenance (ready for launch)

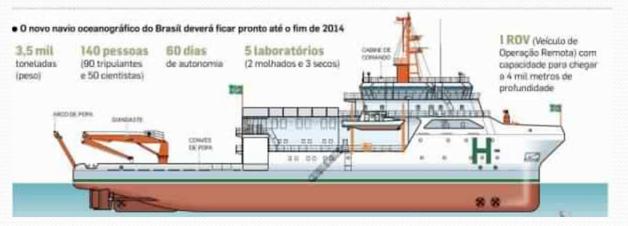
> 4 spairs

Greater difficulty last

year: ship availability

NEW SUPPORTING SHIP

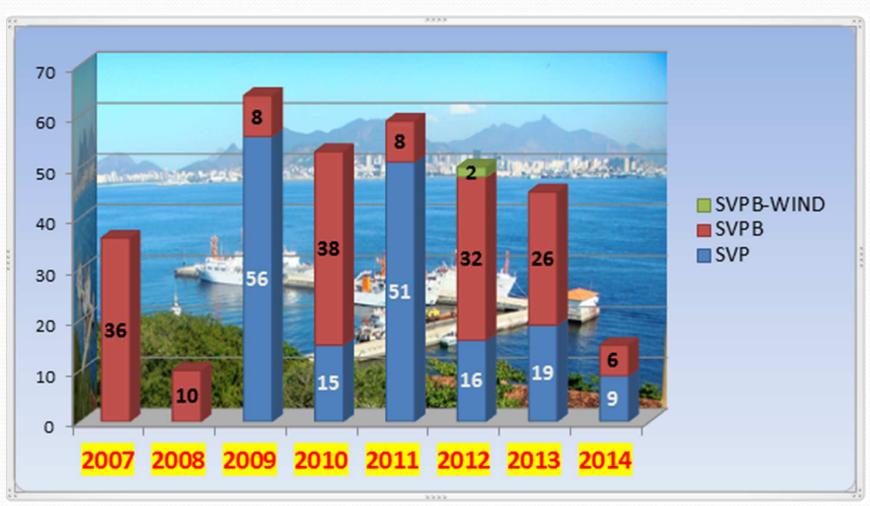
A new multipurpose ship is being constructed in Xinhui, China





Drifters Deployments





Drifters Deployments

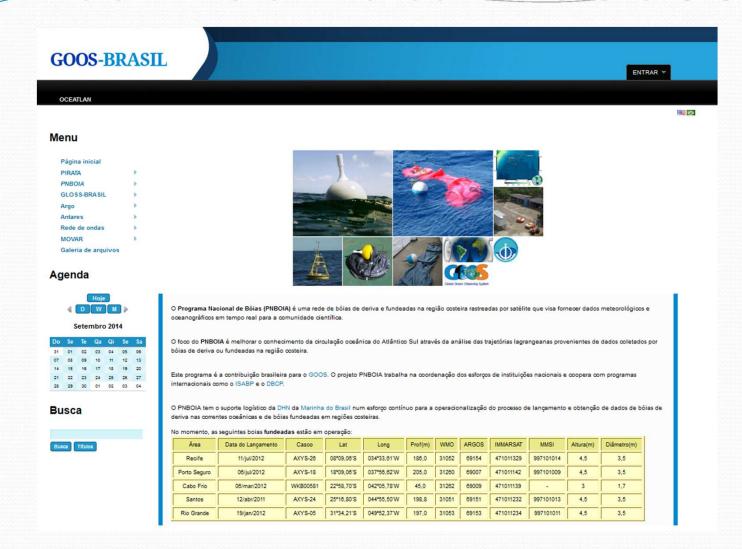


15 SVPB drifters deployed between malvinas confluence and Antartica





Internet Data Access



www.goosbrasil.org

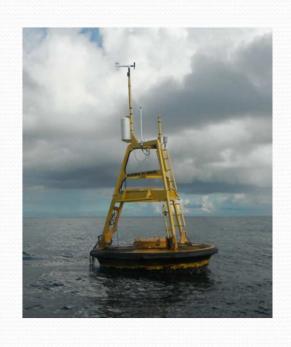
Capacity Building

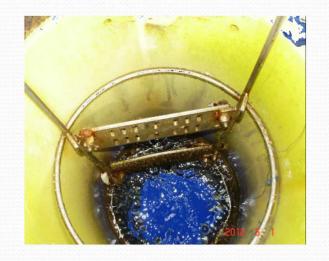
A 4 months training at NDBC (NOAA), funded by a Brazil government program called Science With no Borders



Vandalism







> Costs between 2009 and 2014

USD 166,912.13

Actions against Vandalism

Warning board and fake cameras placed on buoys



Future Plannig

- Stablish all the network (at least 8 buoys operating in 2015)
- > Restructuring of the database
- Data qualify



FELIPE SANTOS

Commander
Navy Hydrographic Center
Operational Oceanographic Division
Fone: +55 21 2189-3228
felipe.santos@chm.mar.mil.br

Directorate of Hydrography and Navigation Rio de Janeiro - Brazil