

**Fourth International Workshop for Port Meteorological Officers**

# **Port Meteorological Services in Hong Kong**

C. W. WU

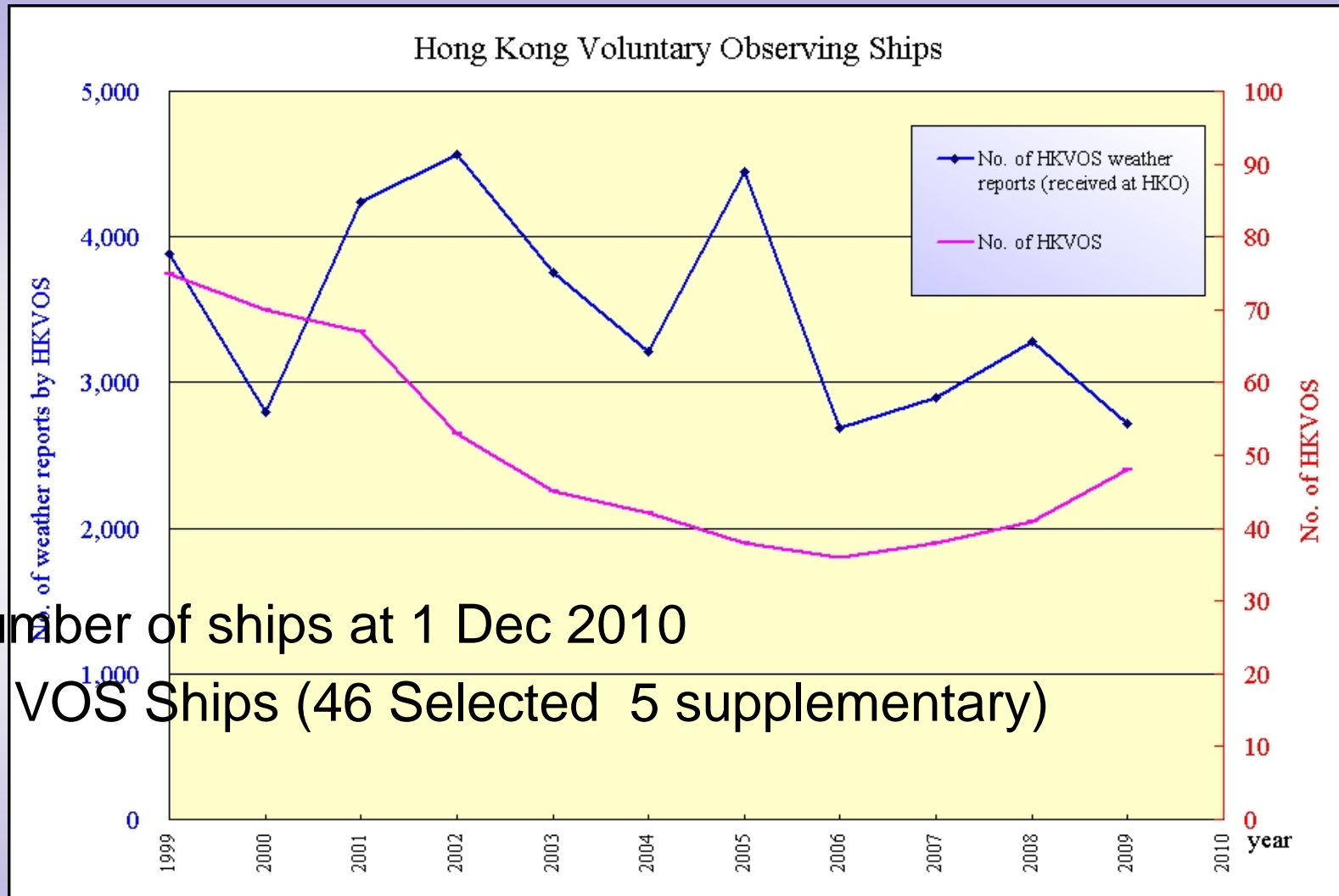
Hong Kong Observatory

## Fourth International Workshop for Port Meteorological Officers

- Hong Kong is one of the busiest ports in the world.
- Over 100 ocean-going ships enter the port everyday
- In 1949, Hong Kong Observatory began to recruit a fleet of locally based voluntary weather observing ships to report weather conditions at sea.



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- Number of ships at 1 Dec 2010  
51 VOS Ships (46 Selected 5 supplementary)

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- Recruitment of ships to take part in the Voluntary Observing Ships' scheme;
- Regular liaison with recruited ships to ensure the highest standard of weather observations;
- All barometers calibrated against Vaisala PTB220TS transfer standard barometer which in turn is compared with an international standards
- Interface between the meteorological service and the marine community.



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- In 2009, the Hong Kong Observatory celebrated 60 years of voluntary weather observations and commended the contributions of voluntary observers.

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**Hong Kong Observatory**  
The Government of the Hong Kong Special Administrative Region

GovHK 香港政府一站通 繁體版 簡體版

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## HKO e-Bulletin for the Marine Community

**Issue No.4 (Sep 2010)** [Feedback](#)

This bulletin is published on-line every three months. It aims at providing the latest news and development of weather services for the marine community. This bulletin is available in English only.

**New**

- ▶ Observing weather on board - barograph
- ▶ Results of opinion survey on Marine Meteorological Services 2010
- ▶ World Meteorological Organization announced the launch of SWidget in Severe Weather Information Centre
- ▶ Waterspout spotted in Hong Kong Waters (22 July 2010)
- ▶ Waterspout spotted in Hong Kong Waters (27 July 2010)

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The Government of the Hong Kong Special Administrative Region

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## Hong Kong Port Meteorological Services

A HKVOS berthing at Kwai Chung Container Terminal

- ▶ [Introduction of Hong Kong Port Meteorological Services \(VOS\) Home](#)
- ▶ [Code for Ship Weather Reports](#)
- ▶ [Contact with Hong Kong Port Meteorological Officer](#)
- ▶ [Beaufort Wind Scale](#)
- ▶ [Recruitment Form for HKVOS \(PDF\)](#)
- ▶ [Weather Broadcasts for Shipping](#)
- ▶ [Hong Kong Marine Meteorological Services Survey](#)
- ▶ [Hong Kong Weather Services for Shipping\(PDF\)](#)

**HONG KONG WEATHER SERVICES FOR SHIPPING**

香港天文台  
HONG KONG OBSERVATORY

- Website URL  
[http://www.hko.gov.hk/wservice/tsheet/pms/index\\_e.htm](http://www.hko.gov.hk/wservice/tsheet/pms/index_e.htm)

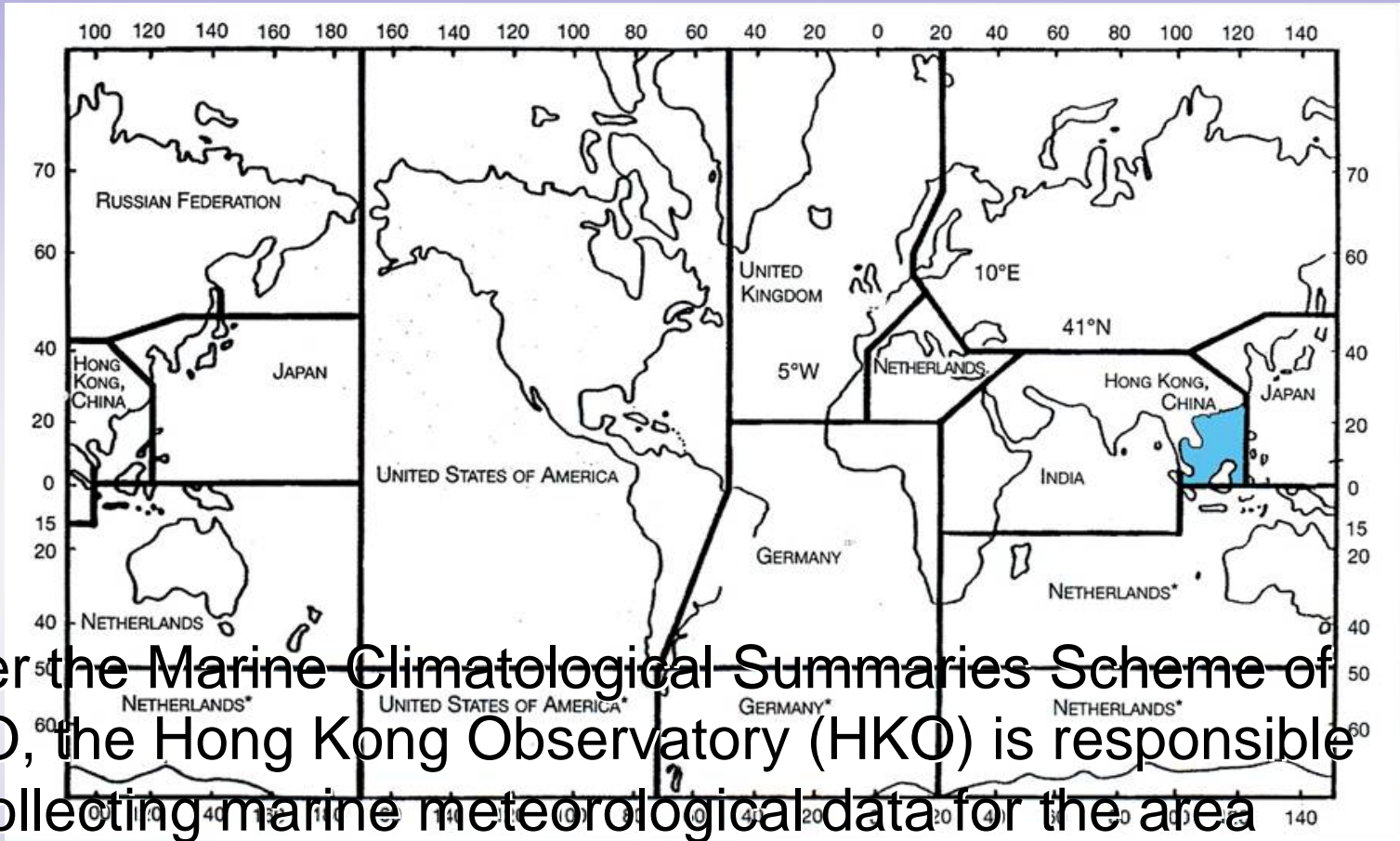
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## Liaison Group for the Shipping Community

- Enhance communication between the shipping industry and the Observatory, including the VOS operation
- Facilitate the further development of marine meteorological services provided by the Observatory
- Enable improved use of weather information in the marine sector to safeguard navigation safety



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Under the Marine Climatological Summaries Scheme of WMO, the Hong Kong Observatory (HKO) is responsible for collecting marine meteorological data for the area bounded by the Equator and latitude  $30^{\circ}\text{N}$ , and longitudes  $100^{\circ}\text{E}$  and  $120^{\circ}\text{E}$ .



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- Hong Kong Observatory is responsible for preparing annual and decadal summaries for the South China Sea
- Routine publication of annual summary ceased in 1990, but may be available on request
- Decadal summaries are available for 1961-70, 1971-80, 1981-90