

The Fifth International Workshop for Port Meteorological Officers

National Report by Hong Kong, China

Port Meteorological Services in Hong Kong

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Hong Kong Observatory



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- 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.

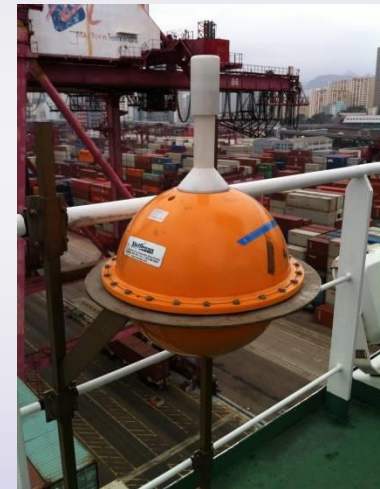


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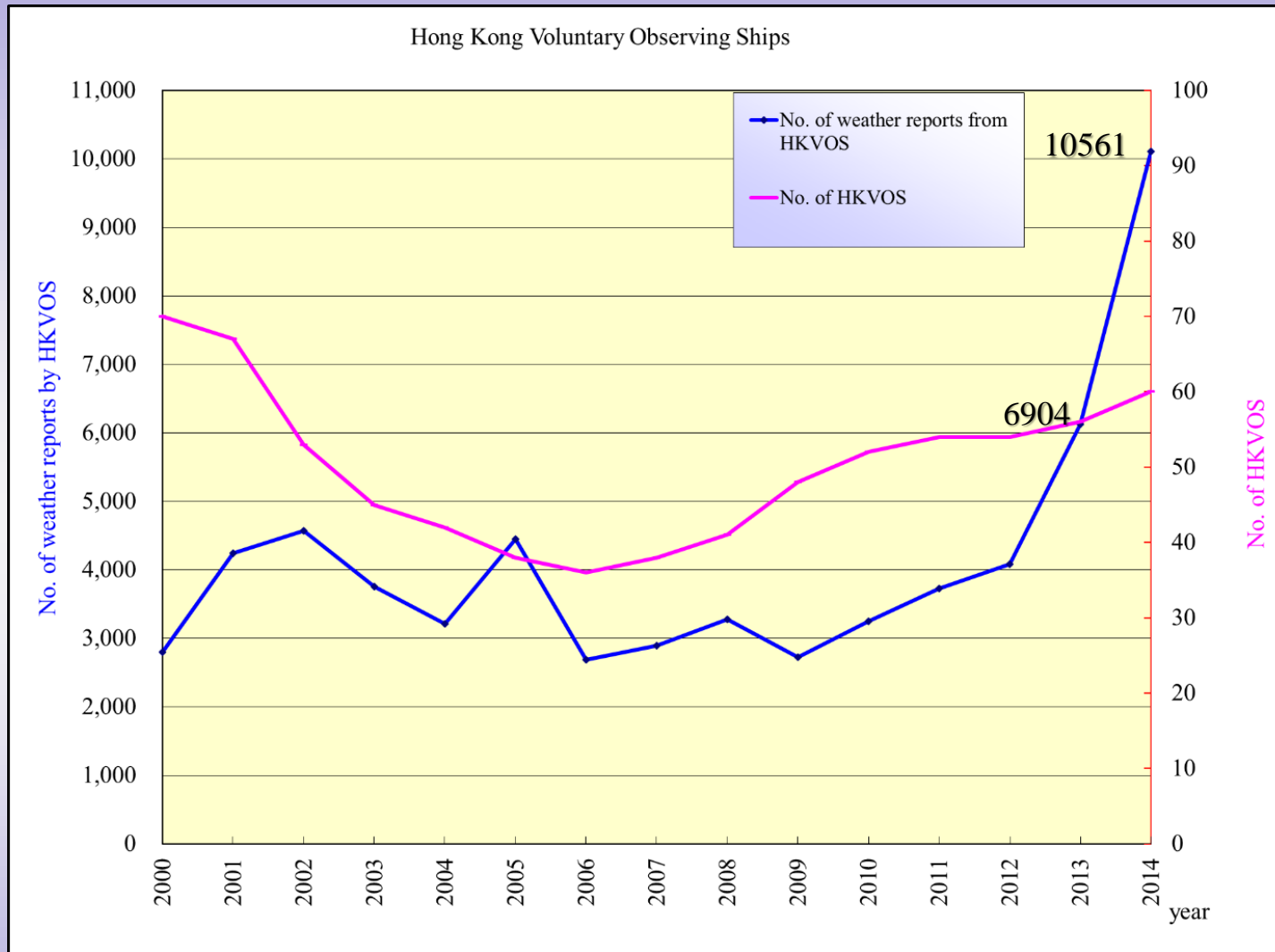
Hong Kong Voluntary Observing Ship (HKVOS)

- Total Number of HKVOS (8 June 2015) : 61
 - 52 Selected
 - 8 Voluntary Observing ship Climate (VOSCLim)
(support global climate and research)
 - 1 supplementary

- 2 Selected ships were installed with AWS
 - AMOS (UKMet Office)
 - Drifter buoy (MetOcean Surface Velocity Program (SVP))



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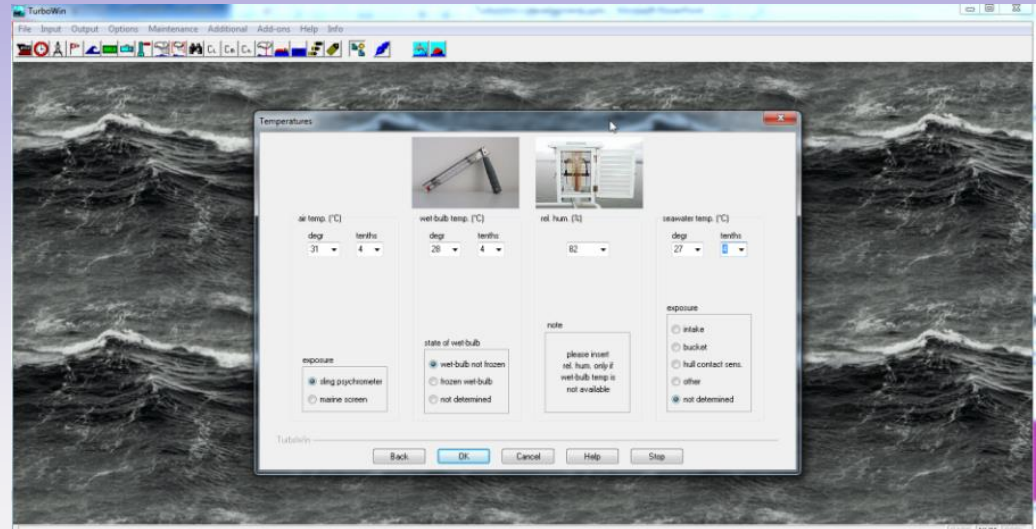


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Data Logging

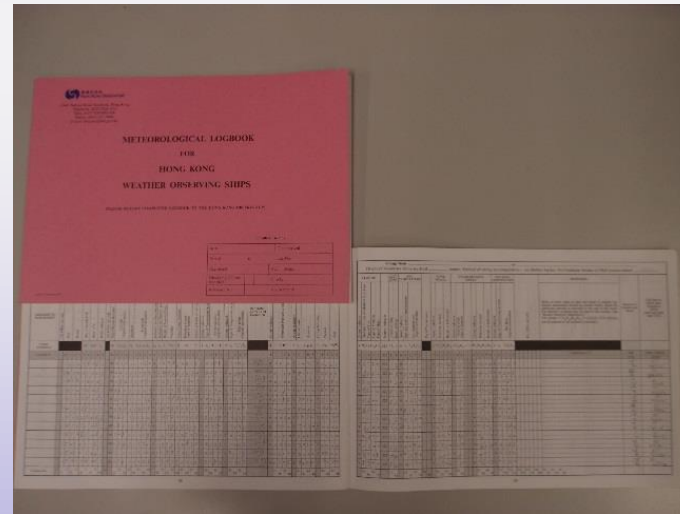
E-logbook

- Total 53 ships
 - 38 ships TurboWin v4.5
 - 15 ships TurboWin v5.0



Hardcopy logbook

- 8 ships



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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 PTB330 digital barometer which in turn is compared with an international standards
- Interface between the meteorological service and the marine community.



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Pilot study on deployment of drifter buoy in the South China Sea

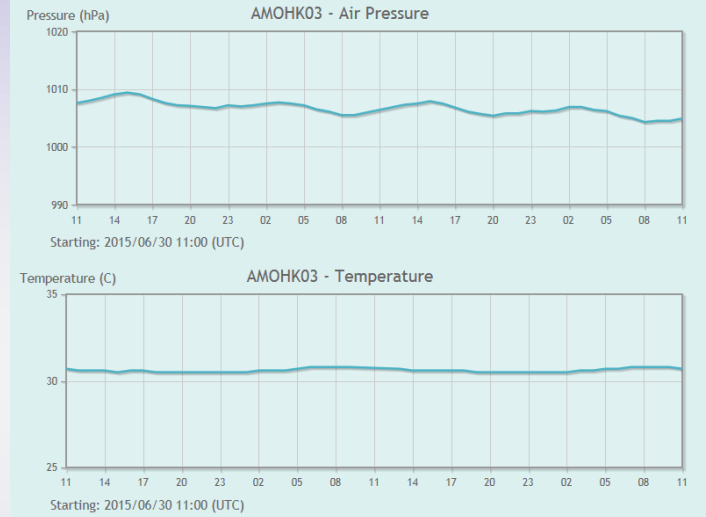
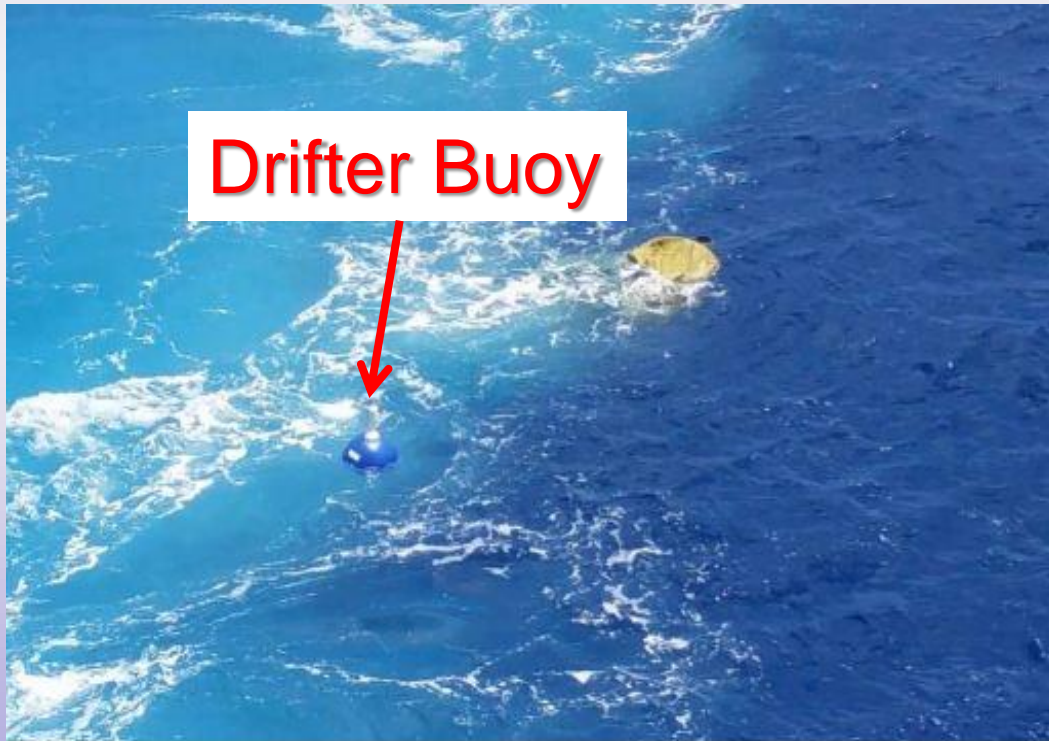
- Deployed on 26 June 2015



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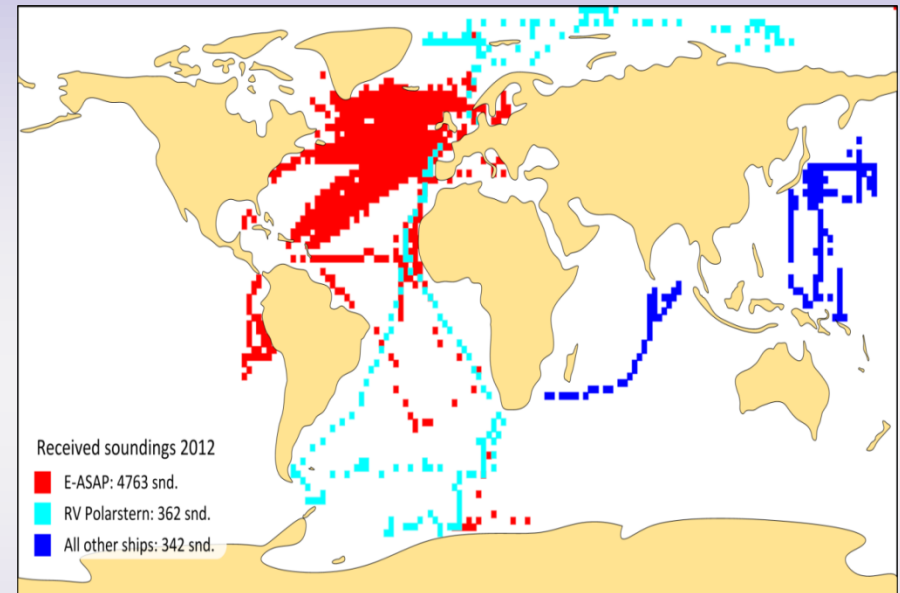
- First deployed on 26 June 2015



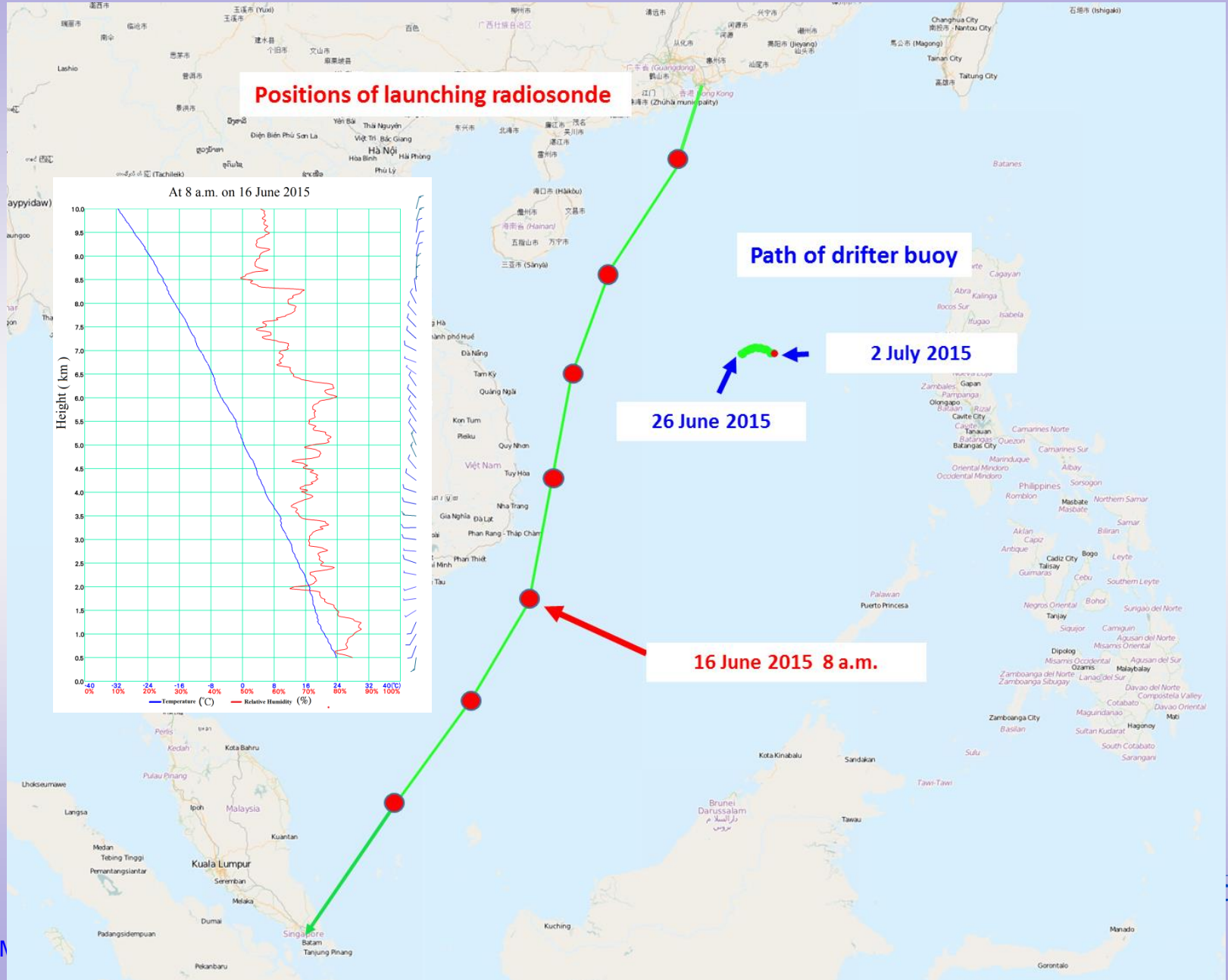
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Trial launching of radiosondes onboard HKVOS

- Launched 7 radiosonde over South China Sea from 14 –17 June 2015



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- In 2015, the Hong Kong Observatory celebrated Centenary Anniversary of wireless broadcast of marine weather forecasts in Hong Kong.

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Liaison Group for Marine 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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- Present awards to VOS with good performance
- Types of Award
 - Diamond Award (over 500 obs)
5 ships in 2014
 - Platinum Award (400 – 499 obs)
3 ships in 2014
 - Gold Award (300- 399 obs)
5 ships in 2014
- Present appreciation certificate to VOSclim



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- Weather information for the Marine Communication




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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)

[LIST of HKVOS](#)

[Recruitment Form for HKVOS \(PDF\)](#)

Hong Kong Port Meteorological Services

A HKVOS berthing at Kwai Chung Container Terminal

[Introduction of Hong Kong Port Meteorological Services \(VOS\) me](#)

[Code for Ship Weather Reports](#)

[Contact with Hong Kong Port Meteorological Officer](#)

[Beaufort Wind Scale](#)

[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

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Thank you

