

# Port of Hong Kong

## Commercial Port Operations & Facilities in Victoria Harbour



- Marine department responsible to support the dynamic port.
- Also a member of HC - committed to contribute to HfC's vision on development of a vibrant harbour front.
- Look forward to our participation in the creation of the Harbour of the future for the benefits of the community, business sector and port operators.

# This Presentation

- The port of Hong Kong
- Core port operations & facilities
- Management of the port operations & ship movements
- Supporting services needed for the port
- Other port activities

# *Vibrant Harbour*

*A **maritime and logistics hub**  
for the safe and efficient  
passage of people and goods,  
and a **cultural and leisure**  
facility.*



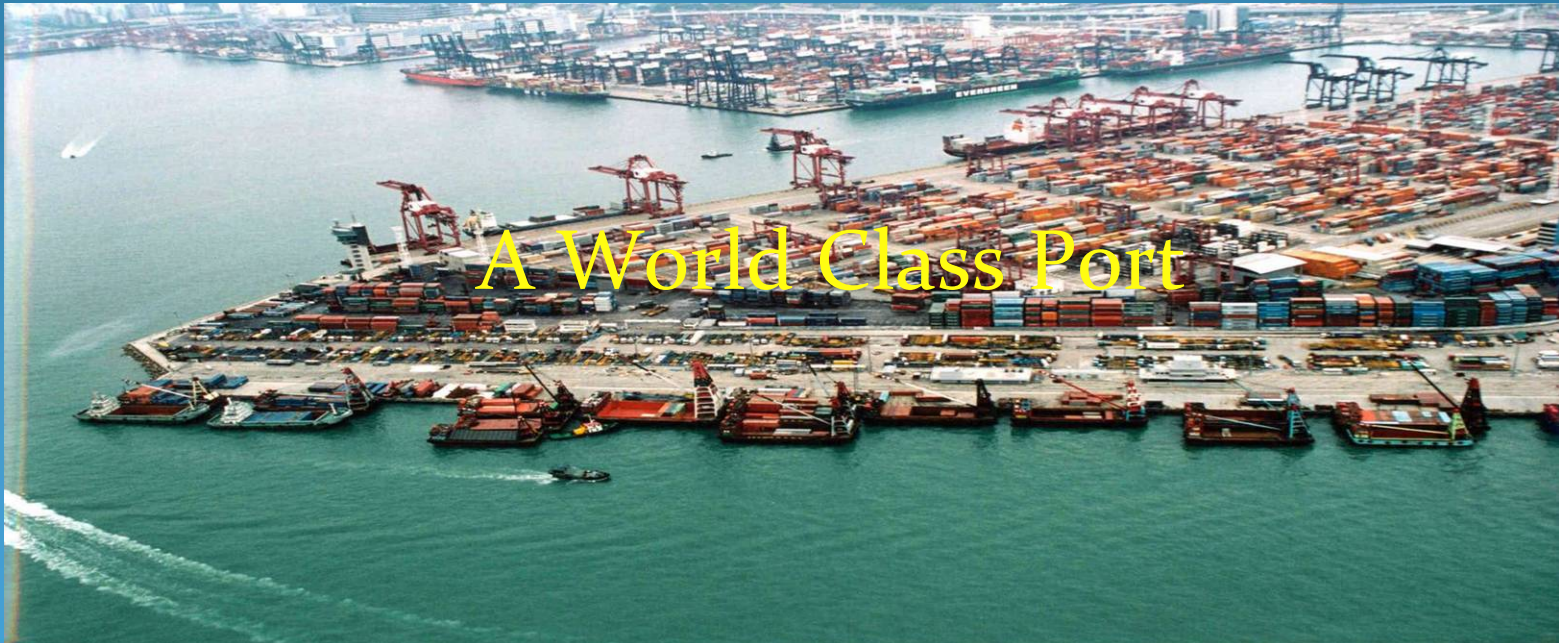
1900

Sheltered anchorage & safe haven for ships



Today

A World Class Port



# The Commercial Port

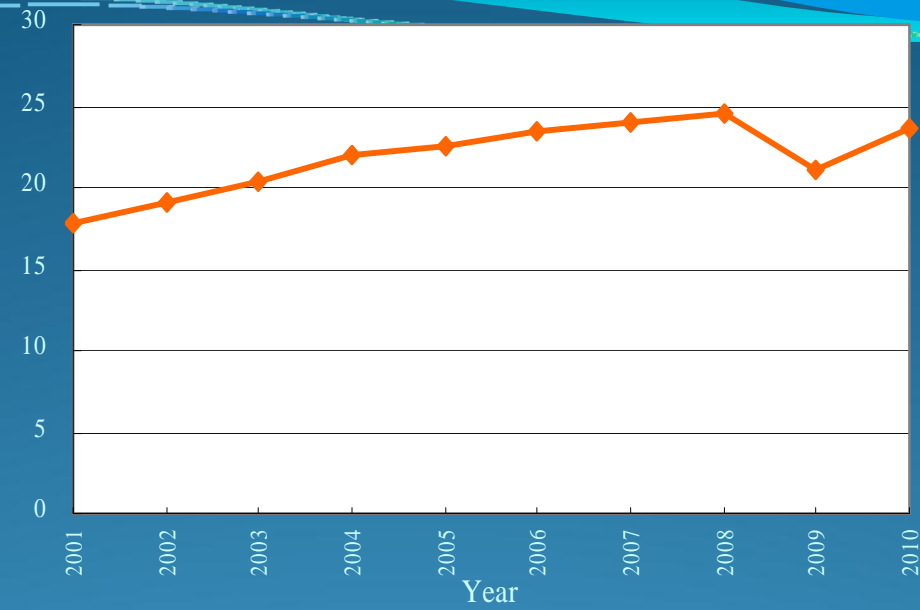
- Key Component in Trading & Logistics Sector
  - one of Hong Kong's 4 Key Economic Pillars
    - 90% (268 Million Tonnes) of Hong Kong's cargo
    - 23.7 Million TEU Containers
    - 26.7 Million Passengers
- \$21 Billion (1.4%) of Hong Kong's GDP
- 108,000 Jobs (3%) of Hong Kong's Total Employment

# Port Cargo Forecast

- Government carries out periodic forecast of port cargo throughput
- Forecast completed in 2008 anticipated 2% - 5% annual growth rate
- Forecast being updated (completing in June 2013)

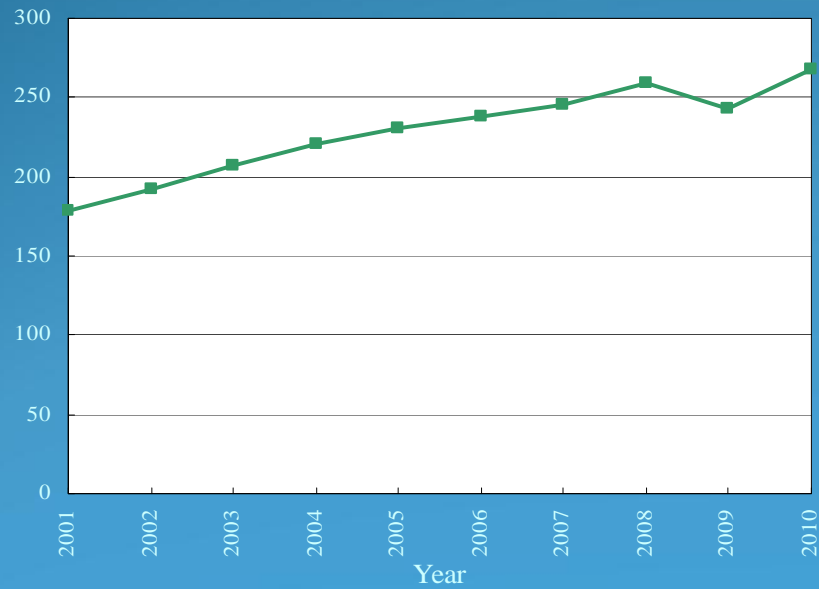
## Container Throughput

Mn TEUs



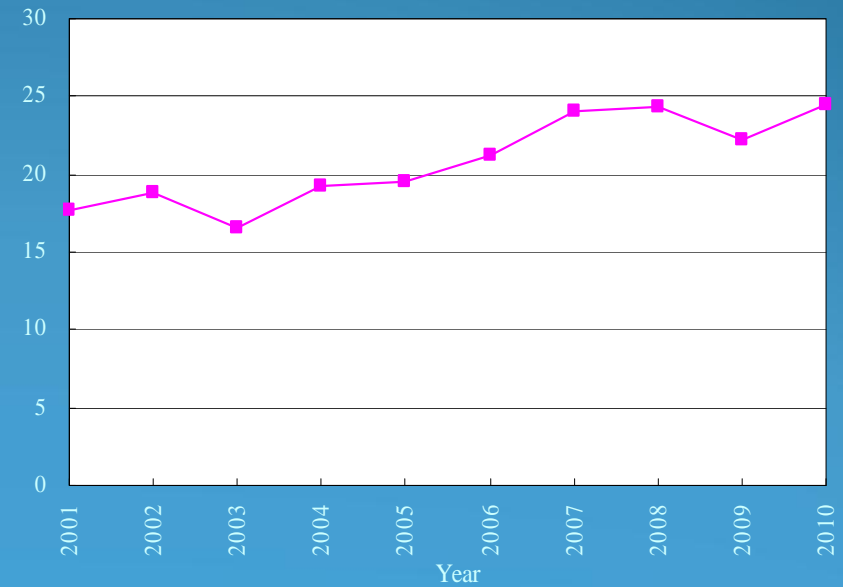
## Cargo Throughput

Mn Tonnes



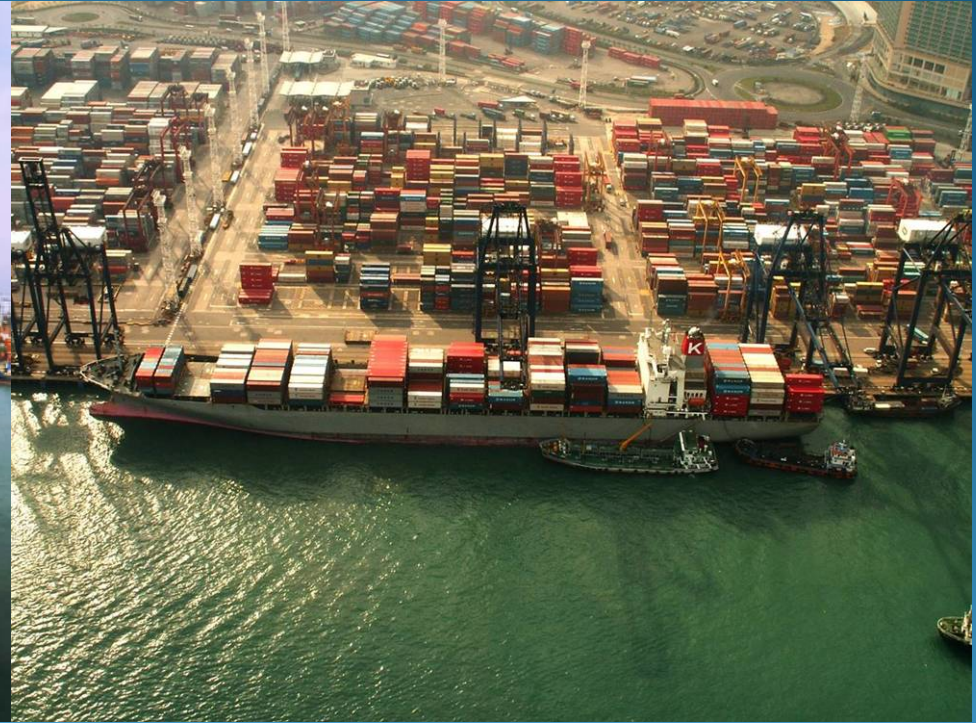
## Passenger Throughput of Marine Ferry Terminals

Mn





# Container Ship Operations





# Mid-Stream Operations



# Victoria Harbour



# Managing the Port Operations

- Specifying Uses of Sea Areas
  - *Traffic Separation Schemes*
  - *Fairways*
  - *Prohibited/Restricted Areas*
  - *Anchorage*
- Controlling Vessel Movements
  - *Vessel Traffic Centre*
  - *Kwai Chung marine Traffic Control Station*
- Harbour Patrol Services



# *Controlling Vessel Traffic Movements*



*Vessel Traffic Centre*

*Kwai Chung  
Control Station*



*Harbour Patrol Services*

# Supporting Services & Facilities

- River Trade Vessels

- *179,168 river trade vessel arrivals in 2010*



# Supporting Services & Facilities

- Public Cargo Working Areas
  - 6 PCWAs





# Supporting Services & Facilities

- Typhoon Shelters
  - 7 Typhoon Shelters in Victoria Harbour





# Other Port Activities & Facilities



# PCWA

- Study on Hong Kong Port Cargo Forecasts completed in 2008:
  - *Mid-stream Sites capacity adequate;*
  - *Cha Kwo Ling & Kwun Tong PCWAs have been closed in 2011, 6 remaining PCWAs not sufficient to meet demand by 2020*
- PCWA tender exercises in April 2011
- Study on Strategic Development Plan for Hong Kong Port 2030 commencing in June 2011 will provide basis for supply & demand update

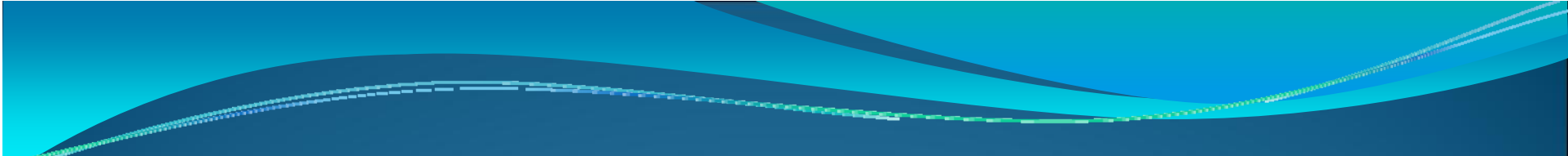
# Typhoon Shelter

- Assessment of Typhoon Shelter Space Requirements 2009-2025
  - *Projected (2025) Overall Supply 589 Hectares & Overall Demand 580 Hectares*
- 2,000 port operation vessels need 174 hectares; typhoon shelters in Victoria Harbour have 128 Hectares (*Yaumatei, Tokwawan, Kwun Tong, Sam Ka Tsuen & Rambler Channel*)

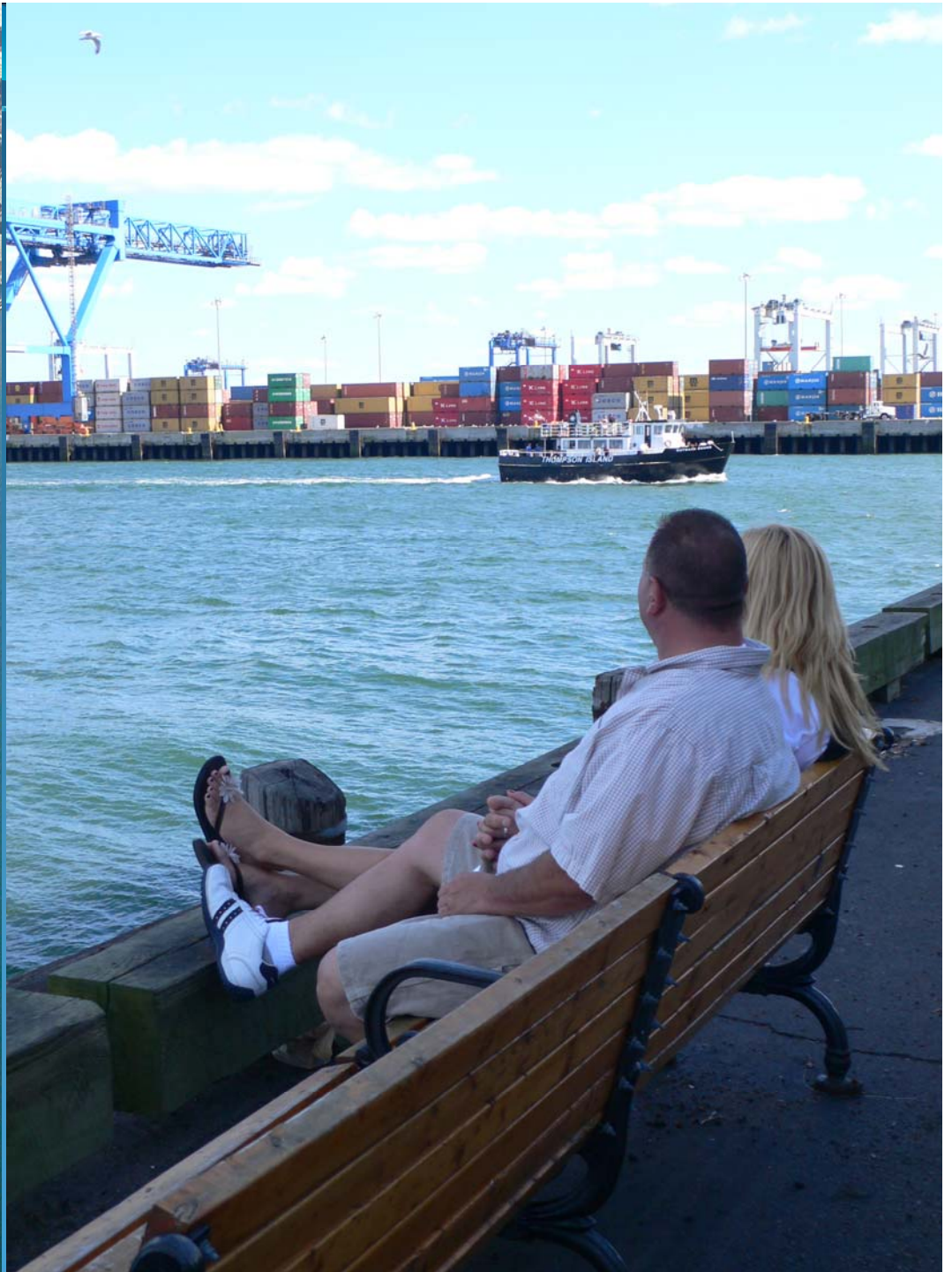
# Conclusion

- The challenge we are facing in Hong Kong not new. **Together** we want to learn from approaches in other parts of the world.
- The working port not only **coexists**, but also contributes to a successful harbourfront redevelopment.
- Collaborative dialog to balance port, economic and community interests for the benefit of Hong Kong.









The image features a solid blue background with a decorative wavy line at the top. The line is composed of several overlapping, semi-transparent bands of different shades of blue and cyan, creating a sense of depth and movement. The text "Thank You !" is centered in a white, serif font.

**Thank You !**