Development of River-sea Transport in Changjiang River Delta

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Contents

• Current Status
• Changes of Transport Environment
• Prospects
Current Status

Chinese Coast & River Layout

- Three Rivers Valley
- Changjiang River Valley
- Zhujiang River Valley
Current Status

Chinese Coast Ports Throughput

Coast Ports Throughput (10^9 tons)

- 2000
- 2001
- 2002
- 2003
- 2004
- 2005
- 2006
- 2007
- 2008

Throughput:
- 2000: 1.50
- 2001: 1.00
- 2002: 1.00
- 2003: 2.00
- 2004: 2.50
- 2005: 3.00
- 2006: 3.50
- 2007: 4.00
- 2008: 4.50
Current Status

Length of Chinese Navigable River

Length of Navigable River ($10^3$km)


Length (10^3 km):
- 2000: 116
- 2001: 117
- 2002: 118
- 2003: 119
- 2004: 120
- 2005: 121
- 2006: 122
- 2007: 123
- 2008: 124
Current Status

- The region covered by Chang Jiang River
Current Status

Shanghai
Ningbo
Nantong
Zhenjiang
Nanjing
Yangzhou
Jiangyin
Taizhou
Suzhou
Jiaxing
Ningbo
Shanghai
# Changes of Transport Environment

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**Total**  148  148  154  210  239  292  343  397  492
Changes of Transport Environment

Number of Terminals in Changjiang Delta
(above $10^4$ DWT)
Changes of Transport Environment

- The investment to channel regulation

![Bar chart showing changes in investment]
Changes of Transport Environment

• The channel deepening project in the Changjiang river estuary
Changes of Transport Environment

- Channel’s capacity in 2010

![Bar chart showing changes in transport environment across different cities and capacity ranges.]
Changes of Transport Environment

Box Vessel: from 256TEU—2480TEU
Changes of Transport Environment

Bulk Carrier: 35KDW — 48KDW
Prospects

- Construction of Shanghai International Shipping Center
- Green Ports Development
- Water Transportation Standardization
- Maritime Legal System Internationalization
Prospects

Sea Ports Development Plan

- Bohai Bay Area
- Changjiang Delta Area
- Southeast Coast Area
- South China Area
- Southwest Coast Area
Prospects

• Container Hubs
  – Dalian, Tianjin, Qingdao, Shanghai, Ningbo, Xiamen, Shenzhen, Guangzhou

• Coal Hubs
  – Load Port: Qinhuangdao, Tangshan, Tianjin, Huanghua, Rizhao, Lianyungang
  – Discharge Port: Shanghai, Ningbo, Fuzhou, Santou, Guangzhou, Zanjian, Fangcheng
Prospects

• Oil Hubs
  – Dalian, Tianjin, Qingdao, Nanjing, Shanghai, Ningbo, Fuzhou, Guangzhou, Zanjiang, Fangcheng

• Ore Hubs
  – Dalian, Yingkou, Tangshan, Tianjin, Rizhao, Shanghai, Ningbo, Fuzhou, Guangzhou, Fangcheng
Prospects
Comments Welcome!

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