Shipbuilding Status upon the market turmoil

Chinese Taipei
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I 、 Summary of Shipbuilding Industry in Chinese Taipei
1. Tendency of Shipbuilding Industry

Annual Output Value Analysis in Recent Decade

Source: IDB

e: Estimated by USDDC
2. Annual output value analysis base upon products

1999
Output Value: 1,093

Unit: USD, million

- Equipment/parts, 58, 5%
- Merchant ships, 565, 51%
- Patrol boats, 137, 13%
- Yachts, 106, 10%
- Work boats, 66, 6%
- Passenger ships, 6, 1%
- Fishing vessels, 98, 9%
- Repairs, 58, 5%

2007
Output Value: 1,691

Unit: USD, million

- Equipment/parts, 164, 10%
- Merchant ships, 858, 50%
- Patrol boats, 66, 4%
- Yachts, 289, 17%
- Work boats, 66, 6%
- Fishing vessels, 113, 7%
- Passenger ships, 6, 1%
- Repairs, 163, 10%
- Fishing vessels, 98, 9%

Source: IDB
The Status of Shipbuilding Industry in Chinese Taipei

Container ship
Fourth largest builder in terms of order book in the world.

Source: CSBC Corp., Chinese Taipei

Mega-yacht
Fifth largest Country in terms of order book for yachts’ length in the world.

Source: Horizon Yacht Corp.
3. Composition of Shipbuilding Industry

Statistics of the Employees devoted to Shipyards

**Large-sized Shipyards**
- CSBC Corp., Chinese Taipei only.
- Focus on construction and repair of merchant ships.
- Employees: 2,780

**Medium-sized Shipyards**
- About 5 shipyards.
- Specialized in patrol, work and fishing vessel.
- Employees: 1,430

**Small-Sized Shipyards**
- About 76 shipyards.
- Only about 13 of shipyards have ability to built, the rest engage in repair of ship.
- Employees: 1,200

**Yacht shipyards**
- About 31 shipyards.
- Specialized in FRP yachts building.
- Employees: 5,640

**Equipment / Parts co.**
- About 10 companies.
- Employees: 1,150

Total employees and sub-contractors: 14,500
Distribution of Chinese Taipei’s Shipyards

Medium-sized Shipyards
Jong-Shyn, Ching-Fu, Fong-Kuo, etc.

CSBC Corp., Chinese Taipei
(Keelung Yard)

Yacht shipyards, such as Horizon, Jade, President, KhaShing, etc.

CSBC Corp., Chinese Taipei
(Kaohsiung Yard)

Keelung

Taipei

Kaohsiung
CSBC Corp., Chinese Taipei

- Carried out the Restructuring Plan to restructure organization and to re-create new Business Model in 2001.
- The revenues come from 4 divisions of Commercial Ship, Naval Vessel, Repair and Machine-fabricated.
- Standing high among those leading ones in the world.
- The state-owned CSBC Corp., Chinese Taipei will be privatized before end of 2008.

Revenues of Commercial Ship in recent decade

- 58 vessels for orderbook as end of Oct. 2008, the berth is busy until Q2 of 2012.
- A comparison of new orders between 2008 and 2007 decreases 80% because of global faltering economy.
II 、 Policy in Response to Financial Crisis on Government Side
• Stimulus demand for domestic shipbuilding industry.

• Encouraging and supporting energy-saving research in shipbuilding technology to meet the issues on shortage of energy.

• Accomplishing the privatization for state-owned shipyard to increase its flexibility.
III、Proposal in Response to Financial Crisis on Shipyard Side
• Explore new and good ship-owners.

• Create diversified business.

• Develop green technologies.

• Increase productivity and shorten the building time.

• Cost down.
Thank you for your attention.