Synopsis:

**Trends in the shipbuilding industry**

The presentation tries to summarize a few but vital trends shaping the future of the shipbuilding industry.

Building ships is primarily done in the Eastern world today. Korea and Japan accounts for 70% of the world’s output. China claims they will be the world leader within ten years, so far there is no reason to doubt this. Will this be the end of Japanese shipbuilding – will emerging countries such as Vietnam and India grab the opportunity that the downfall of Japan creates?

Building a shipyard industry takes today a fraction of the time that it used to do 20-30 years ago partly due to the vast availability of black box technologies. Succeeding in building a new shipbuilding industry – very much depend on whether the country’s politicians wants to have this industry or not. Japan, Korea and China are all examples of this.

Other keywords for the presentation are:

- The “Japan, Korea, China” trend
- Technologies available in “a black box” allows for high speed growth for emerging countries
- State controlled yards vs privately owned yards in emerging countries
- Man-hour cost more important as the art of building ships matures
- What about the western shipyards?
- A future Demand – Supply imbalance?
- Looking to the car industry – ship assembly and steel production performed by different suppliers
- Building bigger blocks
- Building more accurately – lego principle
- What happened to the robots?
- Technology implementation in China

The presentation is made by:

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Mr. Tomassen has 10 years experience from working with shipyards world wide – but primarily with shipyards in Korea and China.

TTS Handling Systems has 40 years experience with working with shipyards world wide.