

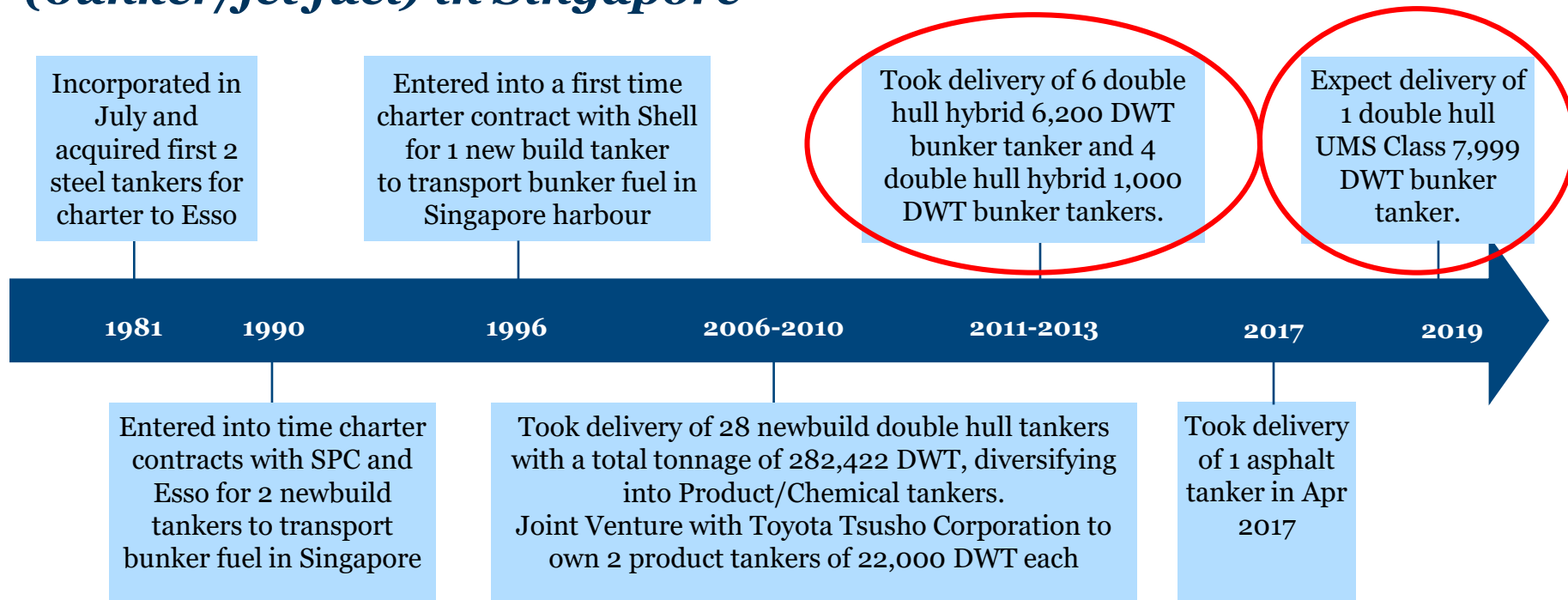


HONG LAM MARINE

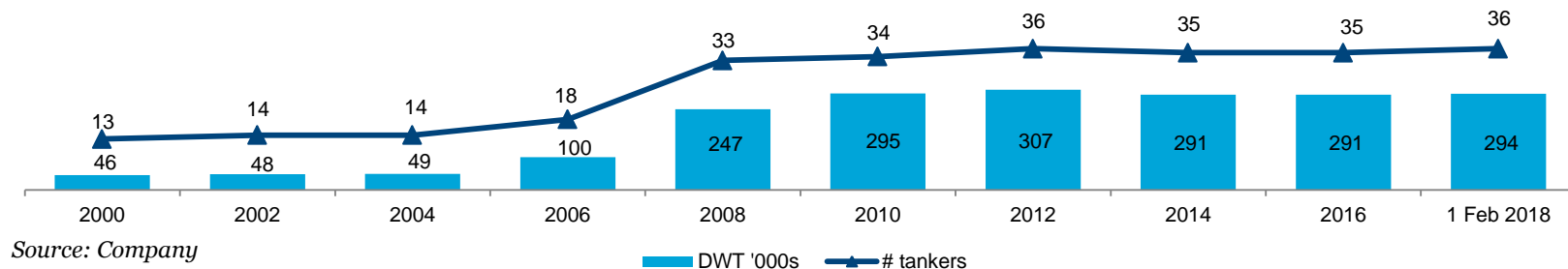
**MPA – SMI Forum
Harbour Bunker Craft
Diesel Electric Drive**



Hong Lam Marine has grown rapidly since inception to become one of the larger marine transportation operators (bunker/jet fuel) in Singapore



Evolution of Tanker Fleet

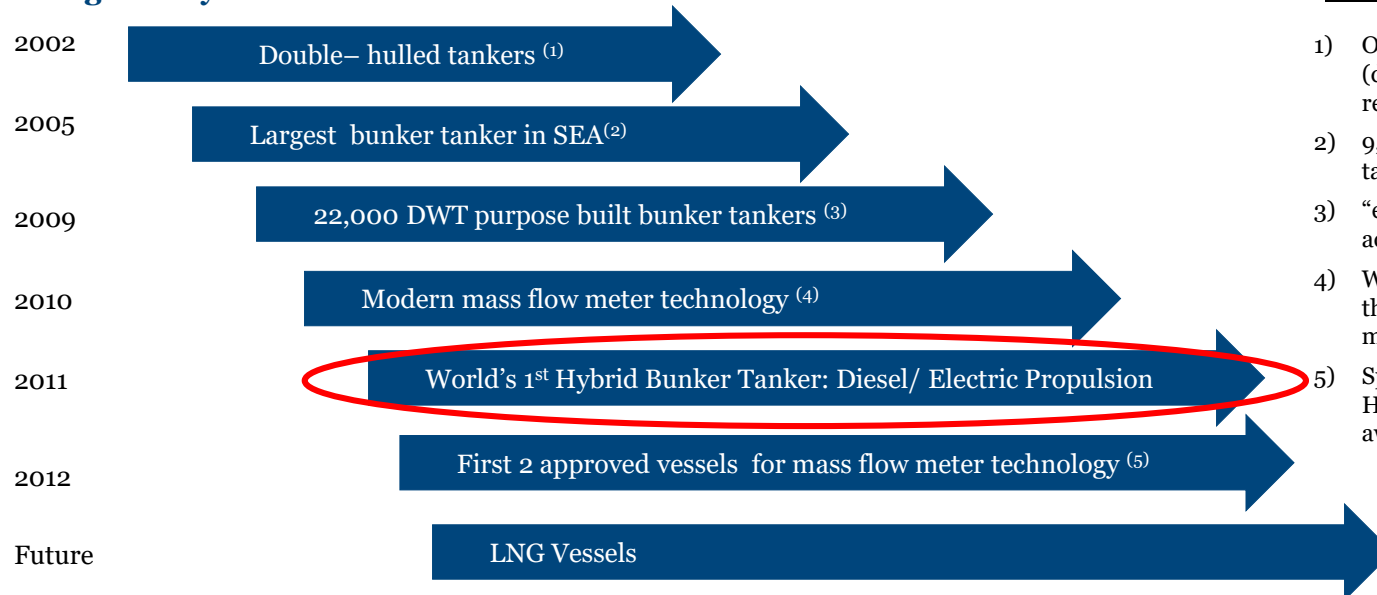




Hong Lam Marine is often seen as the innovation leader in the bunkering sector, setting the benchmark for others

- One of Hong Lam Marine's critical success factors is its ability to anticipate and respond quickly to customer transportation needs and regulatory changes
- Mr Lim Teck Cheng, Executive Chairman of Hong Lam Marine, has always been at the leading edge of the industry. He is widely recognised by The Maritime and Port Authority of Singapore ("MPA") and clients as an innovator particularly in vessel design, having been featured in various publications

Long history of innovation and certification



Notes

- 1) Ordered double hull tankers in 2002 (delivered in 2003), preceding regulation implemented in 2004
- 2) 9,000 DWT double hull bunker tanker
- 3) "exceptionally large" bunker tankers according to Purvin & Gertz
- 4) Worked with MPA & Spring to study the feasibility of modern mass flow meter technology
- 5) Special license category created with Hong Lam Marine the first to be awarded

Fleet Vessels (<https://www.honglam.com.sg/fleet/>)

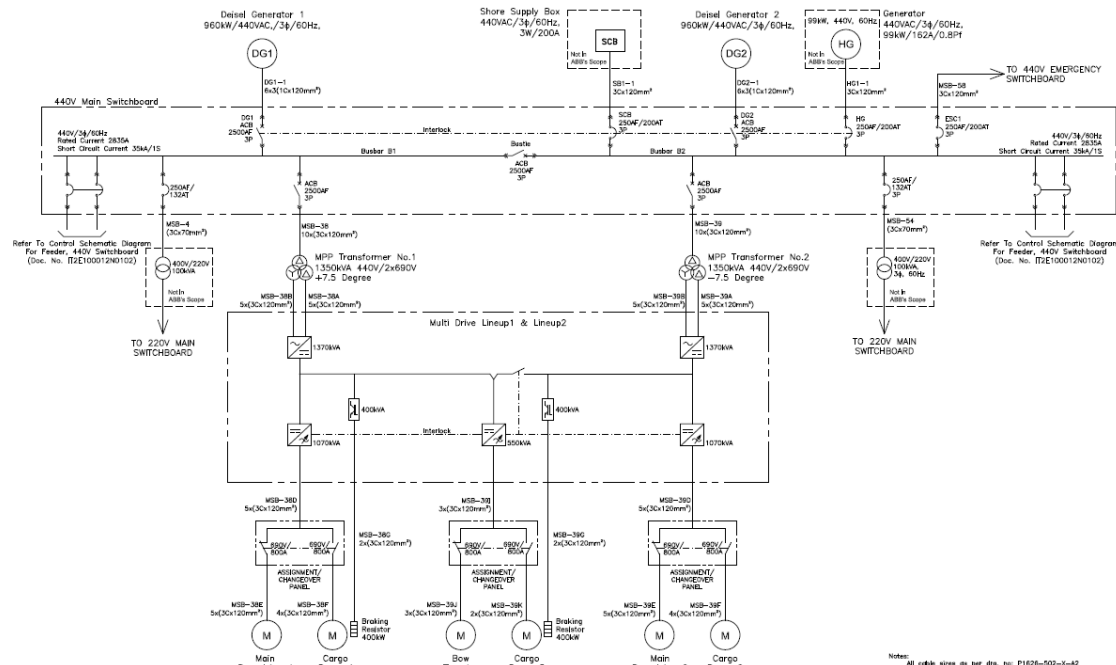
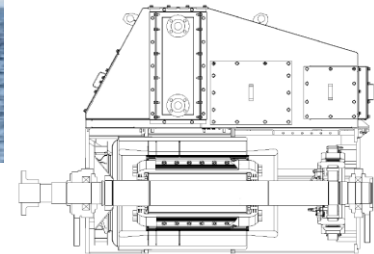


Hantong Shipyard, China
Emissary (2011)
Total of 6 Vessels
Daihatsu

ABB

Electric Propulsion System

- 2 x 960 kW Main Generator
- 2 x 1140 kW Main Generator
- 2 x 800 kW Main PM Motors
- Main Switchboard
- Assignments Panels
- Power management system
- E/R Automation System
- ACS 800 Drive System
- Step Up Transformer 440/690V



Notes:
All cable sizes as per dtd. no. P1626-502-X-A2



Hantong Shipyard, China Enchant (2012) Total of 4 Vessels

Daihatsu

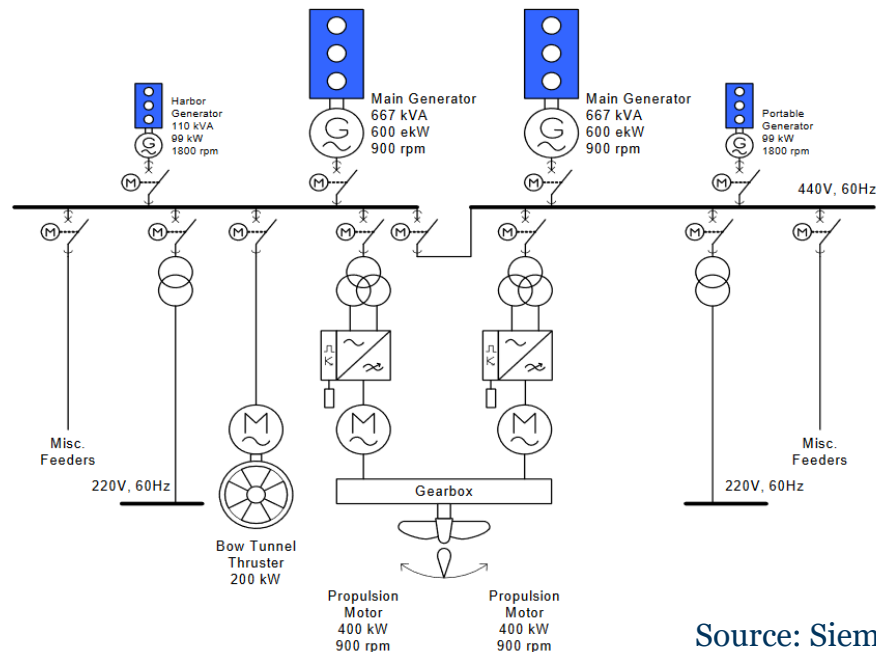
2 x 6 De-18, 625 kW @ 900 rpm

Siemens

Electric Propulsion System

LV SINAMICS Drive

- 2 x 600 kW Main Generator
- 2 x 400 kW Main thruster system
- 440V Main Switchboard
- Frequency Converter
- Power management system
- Automation System



Source: Siemens



Pros vs Cons

Pros

- Smaller Total Power Output.
- Generator load balance can be achieved.
- Arrangement of equipment can be designed freely allowing for a wide cargo space.
- Ship manoeuvrability is improved
- High torque at low speed navigation.
- Low vibration and low noise
- Comfort Improved
- Reduced Emissions (Green Ship)

Cons

- Higher Initial CAPEX
- Special Training for Crew
- Specialist Workshops - Repairs
- Specialist Workshops Fault Finding



Operational Experience

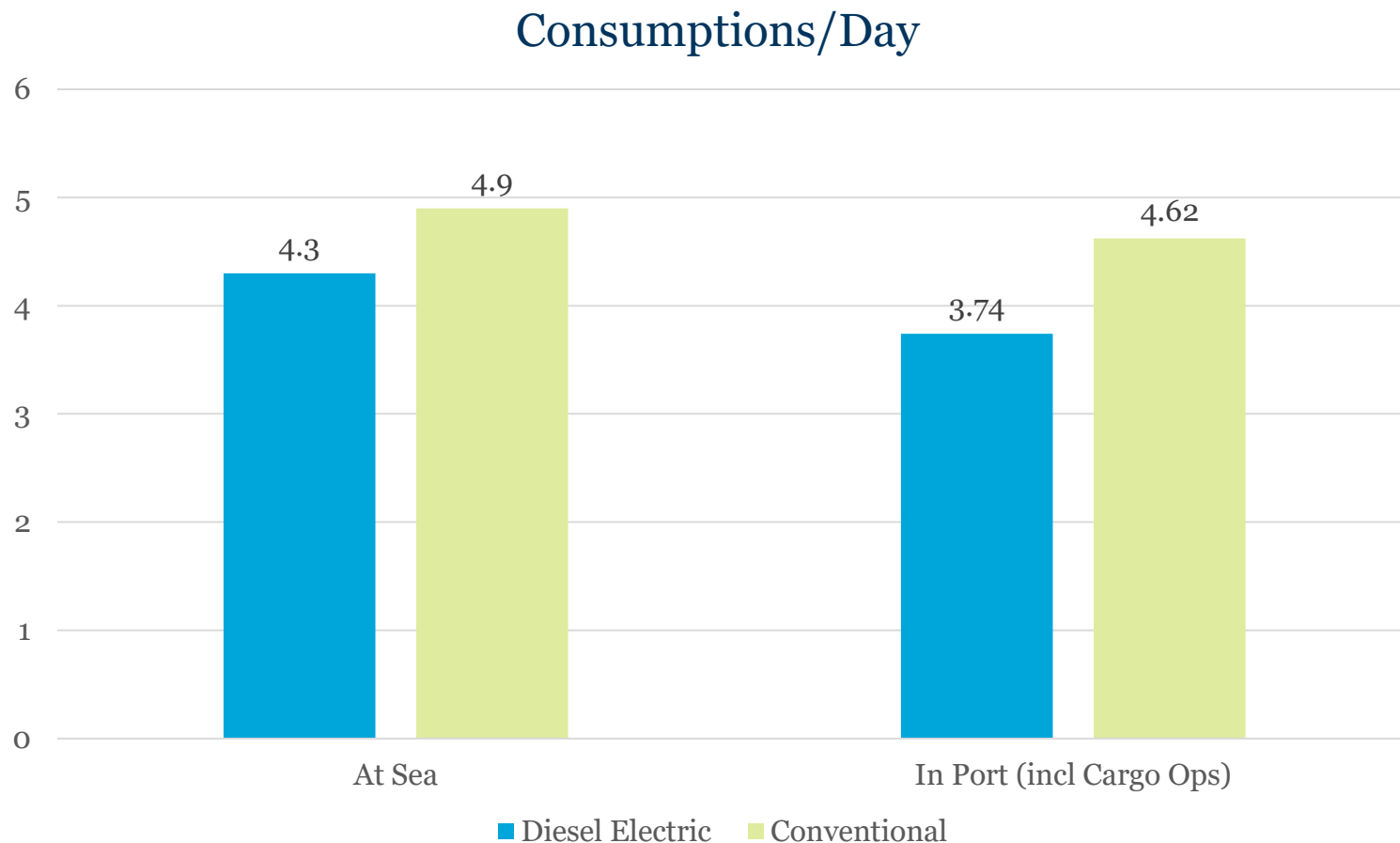
Operational Experience

- Easy Manoeuvrability.
- Easy Control - COP Discharge.
- Prompt Readiness
- Lower Lube Oil Consumption
- Less Maintenance
- Dry Dock / Off hire reduced
- Use of HG during Idle Periods
- E/R Layout - More Spacious





Fuel Consumptions





Drivers / Challenges – Electric Harbour Craft

Drivers

- Regulatory Requirements
- Reduced GHG / Emissions
- Health Benefits
- Reduced Fuel Cost
- Reduced Annual Tonnage Tax

Challenges

- High CAPEX
- Low Freight Rates
- Crew operations



Disclaimer

The information contained in this presentation is for information purposes only, and does not constitute or form part of any offer or invitation to sell or the solicitation of an offer or invitation to purchase or subscribe for, or any offer to underwrite or otherwise acquire any securities of Hong Lam Marine Pte Ltd (the "Company") or any other securities, nor shall any part of this presentation or the fact of its distribution or communication form the basis of, or be relied on in connection with, any contract, commitment or investment decision in relation thereto in Singapore or any other jurisdiction. No reliance may be placed for any purpose whatsoever on the information set forth in this presentation or on its completeness. This presentation has been prepared solely for information used by the Company for presentation purposes and may not be reproduced or redistributed to any other person.

The information ("Confidential Information") contained in this presentation does not contain all relevant information relating to the Company or its securities, particularly with respect to the risks and special considerations involved with an investment in the securities of the Company. No part of this document shall form the basis of or be relied upon in connection with any contract or commitment whatsoever. This presentation is strictly confidential and has been prepared by the Company to you solely for your reference. The Confidential Information is subject to change without notice, its accuracy is not guaranteed and it may not contain all material information concerning the Company. The information contained in this presentation has not been independently verified. No representation, warranty or undertaking, express or implied, is made as to, and no reliance should be placed on, the fairness, accuracy, completeness or correctness of the information or the opinions contained herein. Neither the Company nor any of their respective directors makes any representation or warranty (express or implied) regarding, and assumes any responsibility or liability for, the accuracy or completeness of, or any errors or omissions in, any information or opinions contained therein. None of the Company or any of its members, directors, officers, employees, affiliates, advisors or representatives nor any other person will be liable (in negligence or otherwise) for any loss howsoever arising from any use of this presentation or its contents or otherwise arising in connection with the presentation.

This presentation may contain forward-looking statements which are statements that are not historical facts that may be identified by their use of words like "plans", "expects", "will", "anticipates", "believes", "intends", "depends", "estimates", or other words of similar meaning and that involve substantial risks and uncertainties. You should not unduly rely on such statements. All statements that address expectations or projections about the future, including, but not limited to, statements about the strategy for growth, product development, market position, expenditures, and financial results, are forward-looking statements. Forward-looking statements are based on certain assumptions and expectations of future events. The Company does not guarantee that those assumptions and expectations will be realised. Actual future performance, outcomes and results may differ materially from those expressed in forward-looking statements as a result of a number of risks, uncertainties and assumptions.

Representative examples of these factors include (without limitation) general industry and economic conditions, interest rate trends, cost of capital and capital availability, competition from other companies, shifts in customer demands, customers and partners, changes in operating expenses including employee wages, benefits and training, governmental and public policy changes and the continued availability of financing in the amounts and the terms necessary to support future business. You are cautioned not to place undue reliance on these forward-looking statements, which are based on current view of the Company's management on future events. The Company does not assume any responsibility to amend, modify or revise any forward-looking statements, on the basis of any subsequent developments, information or events, or otherwise.

The information in this presentation has not been independently verified, approved or endorsed by any manager or adviser retained by the Company. No representation, warranty, express or implied, is made as to, and no reliance, in whole or in part, should be placed on, the fairness, accuracy, completeness or correctness of the information and opinions in this presentation. It is not intended that these materials provide, and you may not rely on these materials as providing, a complete or comprehensive analysis of the Company. The information and opinions in these materials are provided as at the date of this presentation, and are subject to change without notice. None of the Company or its affiliates, advisors or representatives, makes any representation as to, or assumes any responsibility with regard to, the accuracy or completeness of any information contained here or undertakes any responsibility for any reliance which is placed by any person on any statements or opinions appearing herein or which are made by the Company or any third party, or undertakes to update or revise any information subsequent to the date hereof, whether as a result of new information, future events or otherwise and none of them shall have any liability (in negligence or otherwise) for nor shall they accept responsibility for any loss or damage howsoever arising from any information or opinions presented in these materials or use of this presentation or its contents or otherwise arising in connection with this presentation.

The distribution of this presentation in certain jurisdictions may be restricted by law and, accordingly, this presentation is being communicated only to persons who have requisite experience in matters relating to investments and are persons to whom it may be lawful to communicate it without contravention of any unfulfilled registration requirements or other legal restrictions in the jurisdiction in which they reside or conduct business or in which they receive this presentation.



Thank You