



- World's largest aluminium shipbuilder
- Shipyards in US, Australia and Philippines
- Service/Support Centres in Darwin, Cairns, San Diego and Singapore
- Only Australian company in world's top 100 Defence Contractors & Australia's largest Defence exporter
- Prime contractor for 2 major US Navy shipbuilding programs & only foreign company to Prime Contract ships for the US Navy
- The sole supplier of Commonwealth patrol capability for last 18 years. Bidding next version the Offshore Patrol Vessel (OPV)



Seaspovill

- >\$1.3 billion in revenues.
- >4700 employees globally.

#### Ships Delivered FY2017 = 10

- 2 USA, 6 Henderson & 2 Philippines:
- 1 x LCS10
- 1 x EPF8
- 2 x HSSV's (strictly speaking only 1; 1 was delivered in FY2016)
- 1x CMS 70m
- 1 x Swire 57m
- 2 x 2Go 30m
- 2 x Capes

#### Ships Under Construction as at FY 2017 reporting = 14 9 USA, 1 Philippines, (3 since), 2 Henderson & 2 China:

- 1 x PPB
- 1 x Mols
- 1 x FRS
- 2 x Aulong
- 6 x LCS (14, 16, 18, 20, 22, 24)
- 3 x EPF (9, 10, 11)

#### Sustainment Programs = 32

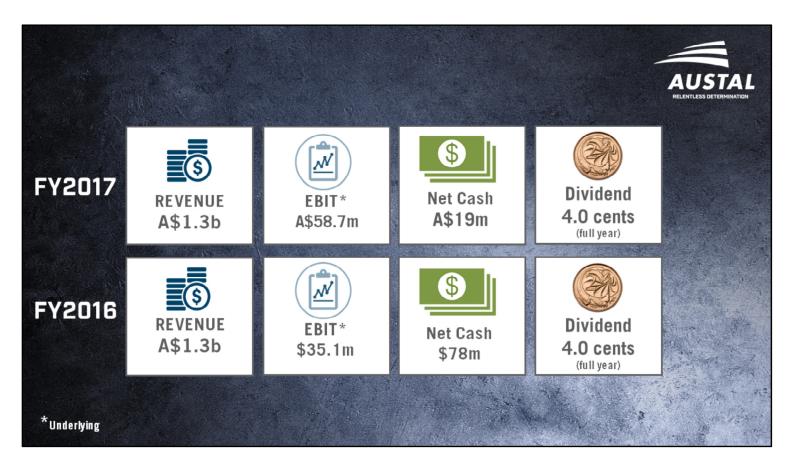
- 10 x Capes (8 x ABF, 2 x RAN)
- 7 x Armidales
- 5 x LCS (delivered)
- 8 x EPF (delivered)
- 2 x HSSV's

#### **Vessel Programs**

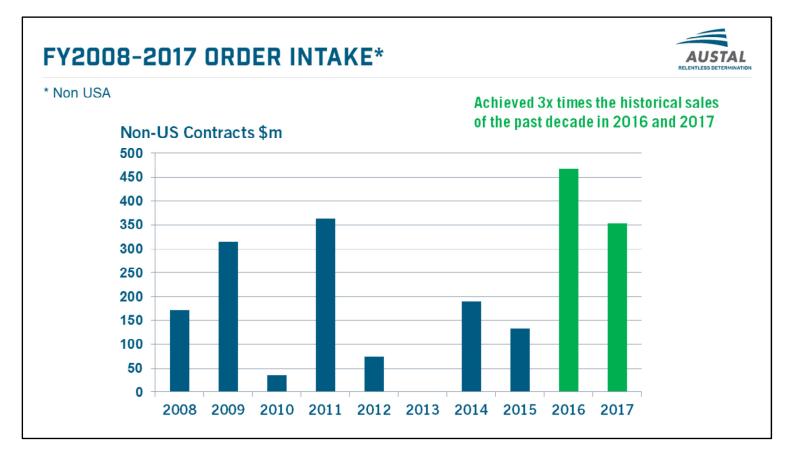
- Commonwealth of Australia 19 x PPB-R
- US Navy 14 x LCS and 12 x EPF
- Molslinjen 109m catamaran
- 2Go 2 x 30m ferries
- FRS 1 x 56m Ferry
- Seaspovill 1 x 50m ferry + 3 additional recent awards

# Ferry Orders in Last (approx.) 18 months = 13 1 x Mols 1 x Seaspovill 2 x 2Go

- 1 x FRS
- 2 x Aulong
- 1 x VS Ferries Corp1 x Fjord Line
- 2 x Wisdom Marine2 x FOSA



- Revenue was flat as expected and we have indicated that will continue into 2018 as US revenues
  decline as the shipbuilding programs hit steady state, and non-US businesses grow, based on recent
  order wins.
- Underlying EBIT was above our projected range of \$50-\$55M and showed a sharp improvement over the previous year which had been affected by LCS problems in the USA. Philippines made a small profit of lowish turnover and Henderson made a loss because of costs of sustainment on Cape Class.
- Dividend has remained at 4C for the full year and effective dividend rate of [X]% fully grossed up. Expect dividend to remain.



- \$820.1m in contracts over calendar years 2016 and 2017 ~ 64% previous 10 years
- Size and quality of non-USA book has been growing substantially and represents one of our best through our history
- Includes \$305m PPB and 4x circa \$100m ferries. Total order intake over previous 18 months is well over \*\*\*[\$2.5B]\*\*\* over last 2 years.
- Opportunities remain strong with multiple new Ferry and Defence programs ahead.

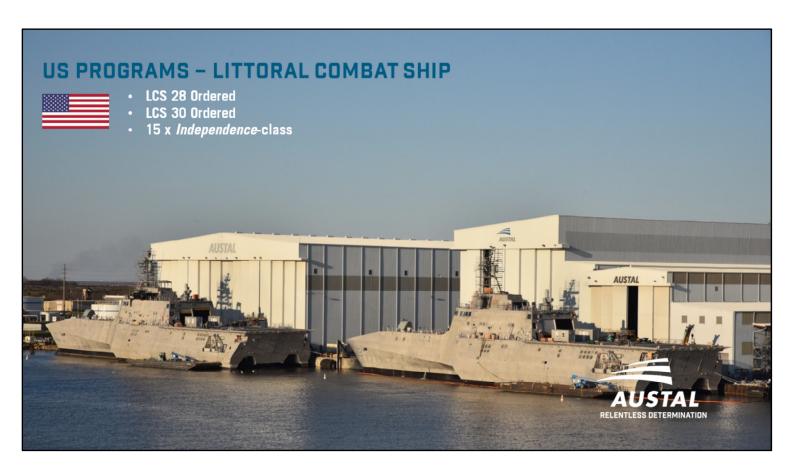
## **COMMERCIAL VESSELS - TRENDING UP AUSTAL** 8 **⊌** MOLSLINJEN 7 6 5 4 3 2 Larger vessels > 100 1 metres 0 **Higher contract values** 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017

- You can see that in 2016 and 2017 vessel awards are at a peak level (\$820.1m in contracts)
- A major difference however is the quality of the opportunities. We now have 4 x circa 100M+ vessels in the order book but only built 6 in the last 20 years



#### **PERFORMANCE**

- LCS 8 USS Montgomery commissioned September 2016
- LCS10 USS Gabrielle Giffords delivered 23 December 2016, commissioned June 2017
- LCS 12 USS Omaha delivered Sept 2017
- LCS14 in next few months
- 3 issues on LCS:
  - · Program performance;
  - New orders; and FFG-X.
- Program performance has improved substantially post the shock trials with production now in a steady rhythm with substantial cost efficiencies being demonstrated. We have already delivered better than 20% cost savings and expect to get to nearer 30% on man hours.
- Mobile believed to be the lowest cost naval producer in the USA.



#### • ORDERS

- LCS 28 (Yet to be named) contract announced June 2017
- LCS 30 (Yet to be named) contract announced October 2017
- 15<sup>th</sup> Independence class LCS to be built by Austal
- Order value to date in excess of \$8 billion
- LCS 28 & 30 won as a result of a cost shoot out with the Freedom variant
- Austal's Independence Class won (even though it is a fundamentally more expensive ship to build). This resulted in a 2 ship award.



- FFG(X) Request for Proposals anticipated November 2017; Austal has prepared an 'up-gunned', LCS based Frigate solution as shown
- US Navy may award as many as three design contracts for the FFG(X) competition.
- 6 companies who may bid on the program: Austal USA, BAE Systems, Fincantieri, General Dynamics Bath Iron Works, Huntington Ingalls Industries and Lockheed Martin.
- Expect LCS to transition to FFG-X earliest 2020
- SPECIFICATIONS

Hull: Trimaran Length: 419 ft Beam: 104 ft Draft: 15 ft

Full Load Displacement: Approx. 3,500 MT

Speed: More than 32 kts

Range: More than 4,300 nm @ 12 kts

Berthing: 130

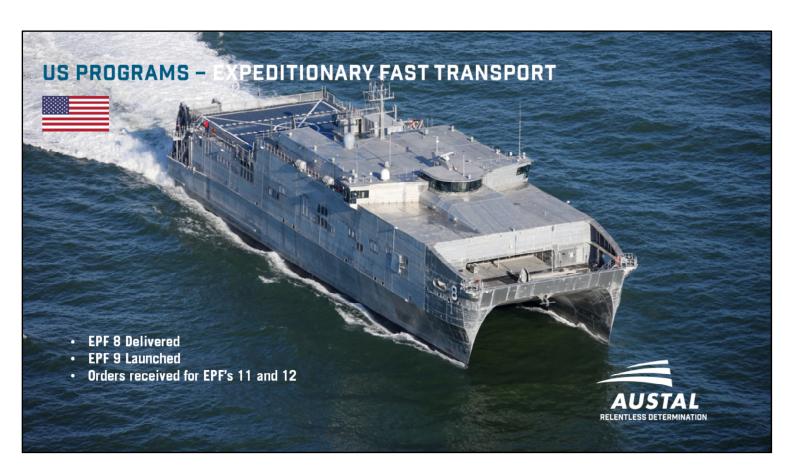
Mission Bay Size: 7,000 sq ft

Watercraft Operations: 2x 7m RHIB launch

and recovery, up to sea state 3

Flight Operations: 1x H-60, up to sea state 5

Hangar: 1x H-60 and 1x MQ-8C



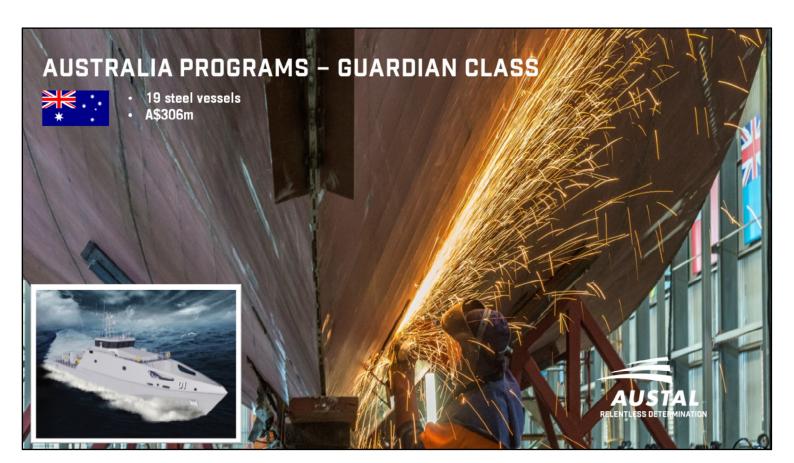
- EPF 8 USNS Yuma delivered April 2017
- EPF 9 USNS City of Bismarck launched June 2017
- Orders received for EPFs 11 and 12 bringing total contract value to more than \$2 billion
- Orders for EPF's 11 and 12 announced September 2016



- 12 vessels from 2018
- 2 in Adelaide, 10 in Henderson
- \$1.5B Acquisition program with a \$2B support program to be bid later
- OPV80 RAN design from Fassmer
- Decision expected in next 2-4 weeks
- This program is the single most important project Henderson has ever bid or is likely to bid as it creates a backbone of work for the next 15-20 years. Ensures Henderson survives. Other Defence, commercial and sustainment work will see Henderson develop further.



Video of OPV80 RAN (shown at Pacific 2017)



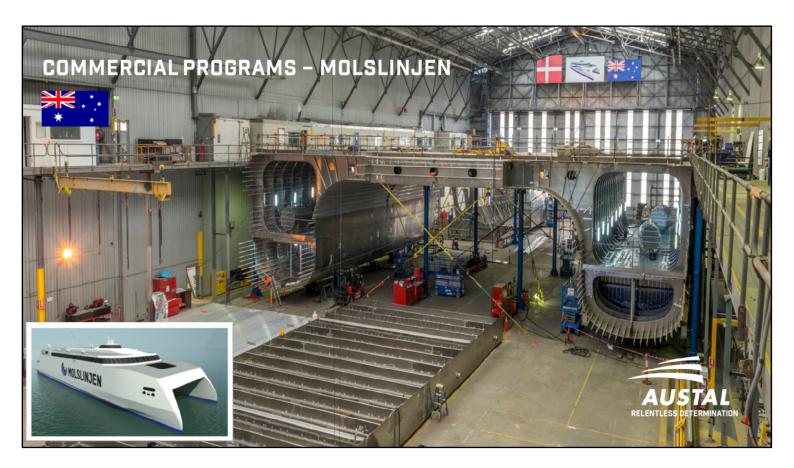
- Guardian Class Pacific Patrol Boat Replacement
  - 19 steel hull vessels for 12 Pacific Islands
  - 11 tonnes aluminium, 85 tonnes steel per vessel
  - 150 workers at peak, from mid 2018 thru to mid 2022
- Dedicated PPB shipbuilding facility Hope Valley Road, Naval Base
- Launch date of Boat #1 June 2018; Boat #19 Dec 2022
- Delivery date Boat #1 October 2018; Boat #19 April 2023
- First vessel under construction; on schedule for delivery in 4<sup>th</sup> quarter 2018. Hull currently completing painting.
- 2<sup>nd</sup> vessel commencing construction November 2017
- Program on schedule and cost but still a year before final delivery



- SEA5000 9 Frigates for RAN from 2020
- Austal teaming agreement with ASC to offer local, Australian owned solution for Frigates construction
- Future of Australian owned shipbuilding will be defined by this program
- Frigate down selected by mid CY18
- Political support for Austal in this program is improving



- Capes 9 and 10 for Royal Australian Navy commenced construction December 2015
- Cape Fourcroy delivered April 2017
- Cape Inscription delivered May 2017
- Austal providing in-service support to Australian Border Force and Royal Australian Navy vessels (10 in total) through Henderson, Darwin and Cairns



- Molslinjen (Denmark) 109 metre high speed vehicle passenger ferry 'Express4'
- Approx \$100million contract
- 827 tonnes of Aluminium, Lightship Weight 1400 tonnes
- Approx 300 peak resources occurring early 2018
- 10th Aug 2018 Launch
- Handover 10th Jan 2019
- 21 month Construction Period from cut metal till handover.
- Test bed program for major and ongoing production improvements



- 109 metre high speed vehicle passenger ferry for Fjord Line, Norway
- A\$108million contract
- Launch July 2019
- Delivery January 2020
- 100 workers engaged at peak production
- 860 tonnes aluminium
- First large vessel build for Philippines. Previous largest was 80m.
- Philippines improvement developing well.
- Build will trigger up to US\$30M of additional infrastructure



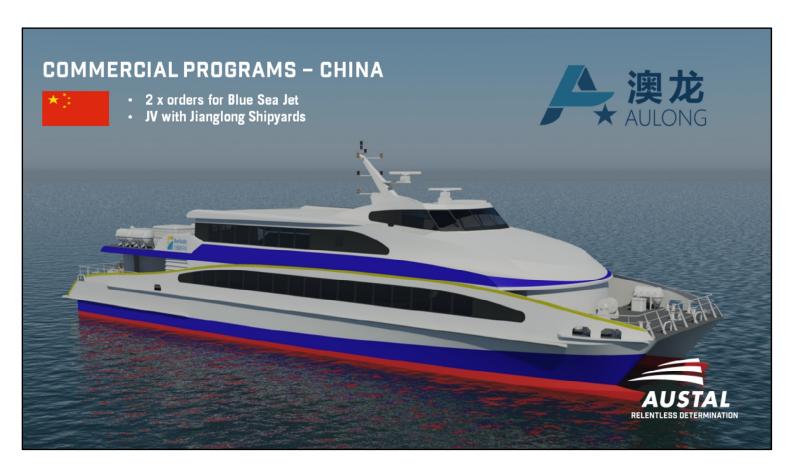
- 2 x 117metre trimarans for Fred Olsen SA of Spain (Canary Islands)
- A\$190million
- Adds to Benchijigua Express 127m trimaran designed and built by Austal in 2005
- One build in Australia, one in Philippines (TBC?)
- New version under development for last 12 months. Before award.
- Austal only company in the world to design and construct large Trimarans. Major differentiator.
- Key advantage is seakeeping. Big issue for ferry reliability and passenger comfort.



- 1 x 50 metre high speed passenger ferry for Seaspovill (South Korea)
- Delivered July 2017
- \$13million
- 256 workers engaged during production
- 73 tonnes aluminium



- 2 x 30 metre high speed passenger ferries for 2GO (Philippines) delivered June 2017 contract value A\$16million 251 production workers engaged 37 tonnes aluminium each
- 1 x 56 metre high speed passenger ferry under construction for FRS (Germany) Launching Jan 2018, Delivery March 2018 265 workers engaged 127 tonnes aluminium
- 2 x 50 metre high speed passenger ferries under construction for Brave Line (Wisdom) of Taiwan Launching Dec 2018 and Jan 2019, Delivery Feb and April 2019 99 tonnes of aluminium each
- 1 x 30 metre high speed passenger ferry scheduled for construction for VS Grand Ferries (Philippines) Launching April 2018, Delivery May 2018 69 workers engaged 36 tonnes of aluminium



- Aulong joint venture with Jianglong Shipbuilding established June 2016
- First contract from Blue Sea Jet of China 42 metre high speed passenger ferry in August 2016 A\$10 million anticipated delivery Nov 2017
- 2<sup>nd</sup> contract from Blue Sea Jet 35 metre high speed passenger ferry in August 2017 A\$5.6 million cutting metal April 2018
- As mandated by the Chinese government, passenger ferries over 25years will be forced to be scrapped
- Analysis shows that 31 units (high-speed aluminum passenger ferries) operating in Guangdong province will be built/replaced in next five years; valued at approx CNY2.5bn/ AUD500 million.
- According to economic research center of China Shipbuilding Industry Corporation, during the 13<sup>th</sup> Five Year Plan (2016-2020),demand for law enforcement (patrol) boats will be CNY50-100bn /AUD\$10bn-20bn



- 'Rashid Behbudov' 70 metre Large Offshore Crew Transfer Vessel (LCTV) for CMS of Azerbaijan completed in approx 12 months following hybrid build across Philippines and Australian shipyard – delivered Sept 2016 – Incat Crowther Design
- 'Pacific Kestrel' 57 metre Large Offshore Crew Transfer Vessel (LCTV) for Swire Pacific Offshore delivered November 2016 Incat Crowther Design 393 workers engaged 143 tonnes of aluminium
- Market slowing rapidly due to oil price falls. Do not expect further sales in next 2 years at least.



- Key strategy has been to build a reliable long term revenue stream from sustainment from the Navy ships built by Austal in Australia, USA and rest of the world.
- 4 x Armidale Class Patrol Boats have been completed under the remediation contract / program; HMAS Wollongong, Childers, Armidale and Launceston; 7 in total.
- Cape Class fleet (8 x ABF and 2 x RAN) sustained by Austal through teams based in Henderson, Cairns and Darwin entire fleet has been serviced.
- Austal USA established well in this market.
- Income has grown year on year by ~\$40 million and is now at circa \$190 million p.a. with further increases expected in FY2018.

## **EFFICIENCY IMPROVEMENTS Man Hours Per Tonne** OH 20% Labour (Production & Design) PS0 Costs **HSO** labour HSO OH HS0 costs 18 HSO costs 6 **HSO** costs HS0 target 12cost differential differential **TODAY** 18 months months ago months ago

- Austal's aim is to be the most efficient shipbuilder in our class in the world.
- Major improvements made on MOLS vessel and clear focus on future reductions.
- Showing the cost build from the Philippines to Henderson.





#### **KEY STRATEGIES**

- Win the FFG-X Program in USA to seal long term future.
- OPV and Frigate role in Australia to underpin operations for decades.
- Maintain and stretch leadership position in Fast Ferries worldwide.
- Continue focus on sustainment growth for lower risk continuous income.
- Develop our people and facility resources.
- Thereby drive increasing shareholder returns.

### **DISCLAIMER**



David Singleton, Chief Executive Officer Telephone: +61 8 9410 1111

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