

15 May 2018

Share Price:	\$1.75
Valuation:	\$2.06
12mth price target:	\$2.06

**Brief Business Description:**

Commercial and naval marine design and construction.

**Hartleys Brief Investment Conclusion**

Austal (ASB) generates the majority of its earnings from US naval contracts. Additional earnings are derived from commercial vessel construction and marine services

**Chairman & CEO:**

John Rothwell AO  
David Singleton

**Top Shareholders:**

Allan Gray Australia Pty Ltd 18.6%

**Company Address:**

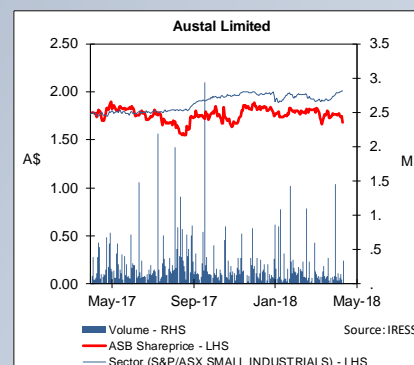
100 Clarence Beach Road  
Henderson WA

<b>Issued Capital:</b>	349.4m
- fully diluted	359.9m
<b>Market Cap:</b>	\$609.7m
- fully diluted	\$609.7m
<b>Net Debt (FY 18e)</b>	\$3.8m

	FY16a	FY17a	FY18e
Op Cash Flw	102.1	-37.9	75.2
Free Cash Flw	77.1	-91.4	56.1
<b>NPAT* (A\$m)</b>	- 71.7	32.7	47.9
EPS (\$, bas)	- 20.5	9.3	13.7
P/E (basic)	-8.5x	18.7x	12.8x
P/E (diluted)	-8.8x	19.2x	13.1x
EV / EBITDA	-7.6x	6.6x	6.1x
DPS (cps)	4.0	4.0	4.0

Dividend Yield	2.3%	2.3%	2.3%
N.D. / equity	-11%	10%	1%

Source: Hartleys Research. \* normalised



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## AUSTAL LIMITED (ASB)

### OPV work goes to Civec vs. Commercial expansion

Lürssen Australia have announced that Austal Limited (“Austal”, “ASB”, “Company”) will not be taking part in the Australian Navy’s 12 vessel Offshore Patrol Vessel contract. This is despite the best efforts of the Government to try and facilitate the construction of 10 vessels at ASB’s yard in Henderson. ASB had originally backed Fassmer (in a rival bid to Lürssen), however after Lürssen were announced as prime contractor ASB were still given the opportunity to negotiate a commercial agreement with Lürssen to construct the 10 vessels at their yard. Lürssen and ASB could not reach a satisfactory agreement and as a result Lürssen have confirmed subcontracting arrangements with ASC and Perth-based Civec Construction and Engineering for steel fabrication and construction. As previously announced the first two OPVs will be built by Lürssen and ASC at the Osborne Naval Shipyard in South Australia, starting this year. The remaining 10 OPVs will be constructed at Civec’s new facility (currently under construction) in the Henderson Maritime Precinct in Western Australia, from 2020.

### Commercial to fill most of the void, major expansion announced

We had valued this contract at 23c per share net to ASB (total NPV of \$2.10). Given the current strength in the commercial market we expect ASB will be able to fill most of this ‘spare capacity’ with higher margin commercial awards. So, in the near term the impact on earnings and profit of not participating in this contract will not be material but it is still a disappointing outcome and increases the uncertainty around workload for Henderson longer term (particularly if the commercial market slows down). A key highlight for ASB continues to be the strength in the commercial market (the Company have just announced a major expansion of capacity at Henderson and in the Philippines). ASB achieved \$380m of new commercial orders in 1HFY18, leaving the total commercial order book at \$435m at the end of December (with ASB’s unique Trimaran hull a key differentiator - with 9 ASB trimarans already in operation around the world, another 7 under construction and 5 on order). ASB so far in 2HFY18 have announced the award of a \$68m trimaran ferry with JR Kyushu. Overall the Company expects commercial revenue to increase circa 50% in FY2019.

### 2H18 Outlook – Maintain Neutral Recommendation

Company revenue guidance for FY18 is A\$1.3-1.4bn with US shipbuilding EBIT margins in the 6-8% range. In Australia, PPB is expected to generate circa 20% revenue growth into FY19. In the Philippines, throughput is expected to approximately double from FY18 to FY19/20 on the back of the commercial order book. Overall the Company expects commercial revenue to increase circa 50% in FY19. Major news flow in 2018 will now be focused on; i) Further commercial wins, and ii) the down select to one bidder for the Frigates for the RAN. We have removed our valuation of the OPV contract from our Group NPV but have largely filled this void with an increase in commercial awards. The net result was a 6c reduction in our NPV10 to \$2.03ps. Based on the average multiples for the S&P/ASX 300 Industrials (ex-BIP and Tech) sector and our NPV10 we derive a 12-month forward target price of \$2.06 per share (from \$2.10). Maintain our Neutral Recommendation.



## HIGHLIGHTS

Lürssen Australia have announced that ASB will not be taking part in the Australian Navy's 12 vessel Offshore Patrol Vessel contract. This is despite the best efforts of the Government to try and facilitate the construction of 10 vessels at ASB's yard in Henderson. ASB had originally backed Fassmer (in a rival bid to Lürssen) but after Lürssen were announced as prime contractor ASB were still given the opportunity to negotiate a commercial agreement with Lürssen to construct the 10 vessels at their yard. Lürssen and ASB could not reach a satisfactory agreement and as a result Lürssen have confirmed subcontracting arrangements with ASC and Perth-based Cvmec Construction and Engineering for steel fabrication and construction.

As previously announced the first two OPVs will be built by Lürssen and ASC at the Osborne Naval Shipyard in South Australia, starting this year. The remaining 10 OPVs will now be constructed at Cvmec's new facility (currently under construction) in the Henderson Maritime Precinct in Western Australia, from 2020.

<http://cvmec.com.au/facility/henderson/>

We had valued this contract at 23c per share net to ASB (out of our total NPV of \$2.10). Given the current strength in the commercial market we expect ASB will be able to fill most of this 'spare capacity' with higher margin commercial awards.

So, in the near term the impact on earnings and profit of not participating in this contract will not be material but it is still a disappointing outcome and increases the uncertainty around workload for Henderson longer term (particularly if the commercial market slows down).

### **Commercial to fill most of the void – major capacity expansion announced**

A key highlight for ASB continues to be the strength in the commercial market. ASB achieved \$380m of new commercial orders in 1HFY18, leaving the total commercial order book at \$435m at the end of December (with ASB's unique Trimaran hull a key differentiator - with 9 ASB trimarans already in operation around the world, another 7 under construction and 5 on order). ASB so far in 2HFY18 have announced the award of a \$68m trimaran ferry with JR Kyushu. Overall the Company expects commercial revenue to increase circa 50% in FY2019.

The Company have also announced that they are undertaking a US\$30m expansion of the yards at Henderson and in the Philippines to meet this commercial demand. Works have commenced and will be funded from ASB's ongoing cash reserves. Completion of the works are expected during CY2018 at Henderson (A\$6m spend) and in early CY2019 in the Philippines (US\$18 upgrade).

Key commercial contracts include;

#### **Australia;**

- Mols (\$100m, 109m vehicle / passenger ferry)

Over 50% complete and on schedule.

- Fred Olsen Lines (combined \$190m, two 117m trimaran ferries)

Construction of the first ferry will commence shortly.

- JR Kyushu (\$68m, 83m trimaran ferry)

Construction of the vessel will commence in late 2018.

#### **Philippines;**

- FRS (\$22m, 56m vessel).

Ferry will be delivered in 2HFY18.

- VS Grand Tours (\$5m, 30m ferry)

Construction has just commenced.

- Fjord Line (~ \$108 m, 109 m vehicle passenger ferry).

First metal was cut February 2018.

- Braveline (\$44m, 2 x 50 m ferries)

Construction will commence in 2HFY18.

- Aremiti ferry (\$30m, 49m ferry)

Construction will commence in 2HFY18.

#### **China;**

- 6 x ~ \$5-6 m, 35m high-speed catamarans in Aulong Joint Venture (ASB 40%).

## RECOMMENDATION & RISKS

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### INVESTMENT THESIS & RECOMMENDATION

Austal's achievements in establishing itself as a primary supplier to both the Australian Navy (and especially) and US Navy is quite simply a tremendous achievement.

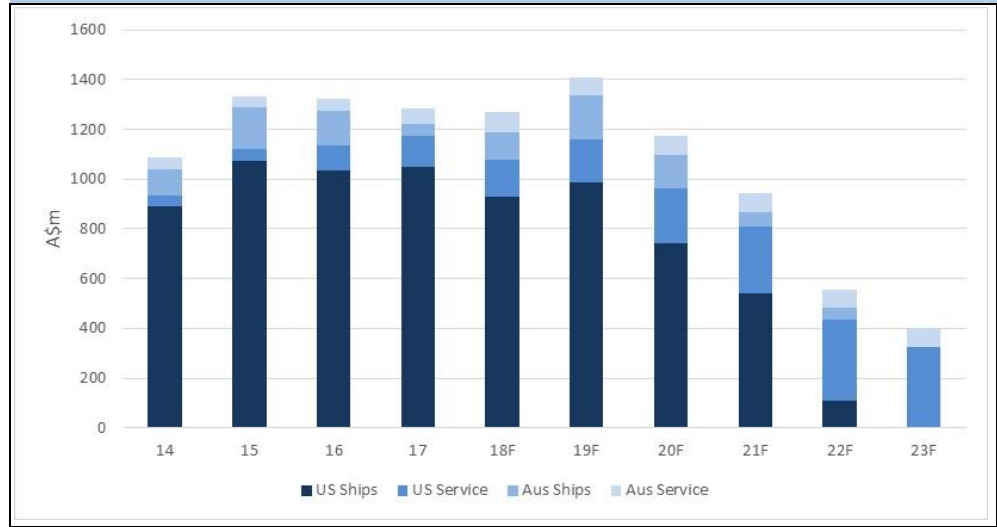
However, it has not been without its teething problems and the volatility in the share price over the past five years reflects that (a low of 52c in late 2012 to a high of \$2.43ps in late 2015).

The Company is on the verge of taking another leap forward. Winning a substantial portion of the Royal Australian Navy's Future Frigates Programme will underpin the Company's Australian business for decades to come and further confirm its credentials in steel hull ship building, important to participate in tenders for large vessels globally going forward.

However, it is the US Navy's LCS/Frigate contract that will likely determine the extent of upside for ASB in the near future. If the Company secures at least a portion of this extension contract, it will along with the Australian Future Frigates contract position them reputationally to compete for a larger number of global contracts against the major defence contractors.

ASB to maintain utilisation of their existing three yards at close to capacity has to secure additional contracts in the next 12-18 months as highlighted in the chart below.

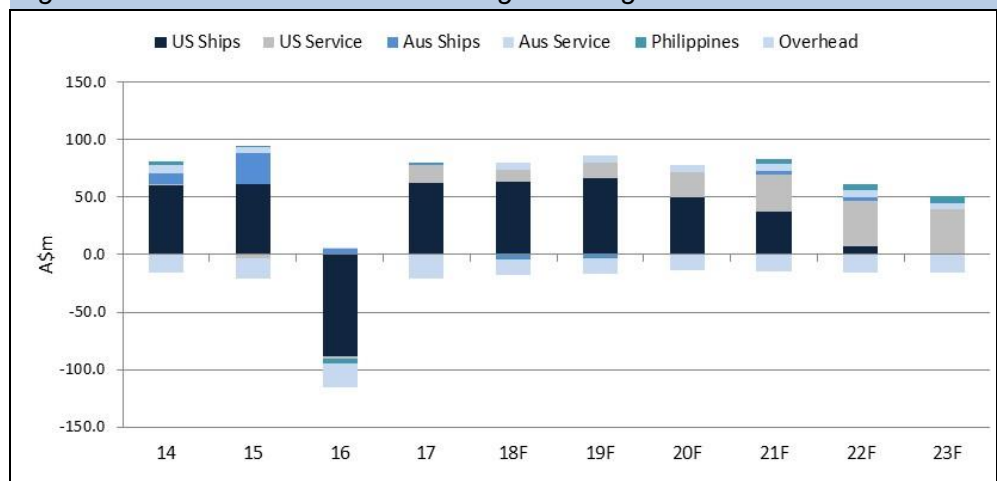
**Fig. 1: Revenue Outlook – Existing Backlog**



Source: Hartleys Research

Sustainment revenue going forward will provide a significant high margin source of income both in the US and Australia and would naturally increase further as more Naval vessels are built. This is a significant change for ASB versus the past and will assist in smoothing out earnings going forward.

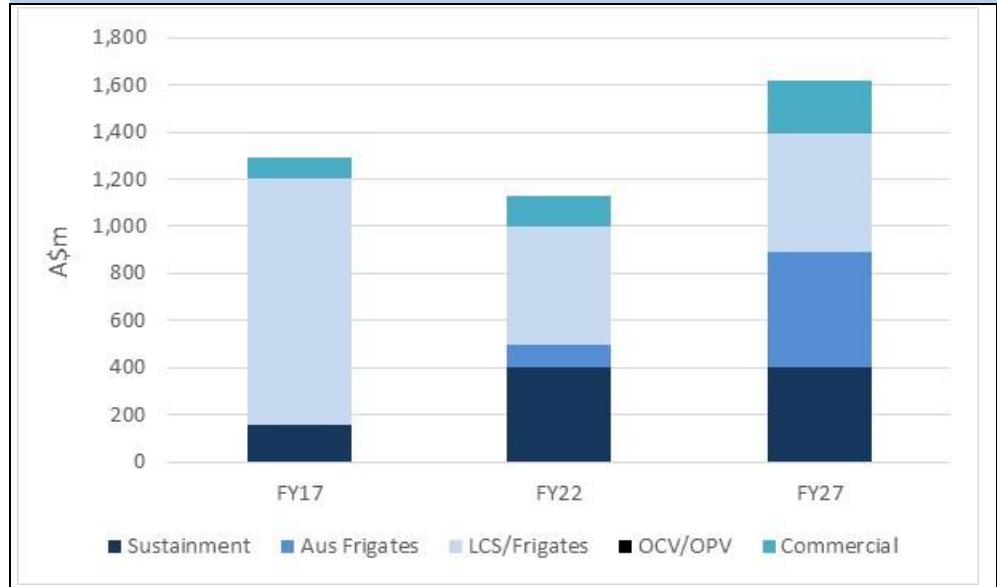
**Fig. 2: EBIT Outlook – Existing Backlog**



Source: Hartleys Research

However, in the near term the outlook for revenue and earnings is underpinned by continued strength in the commercial market and existing US Navy orders. Longer term, the two Frigate contracts (US Navy LCS/frigate extension and the RAN's Future Frigate programme) will be crucial, both are likely to be awarded in the next 18-24 months. At the moment, we assume 50% is awarded to ASB from the former and 25% from the latter.

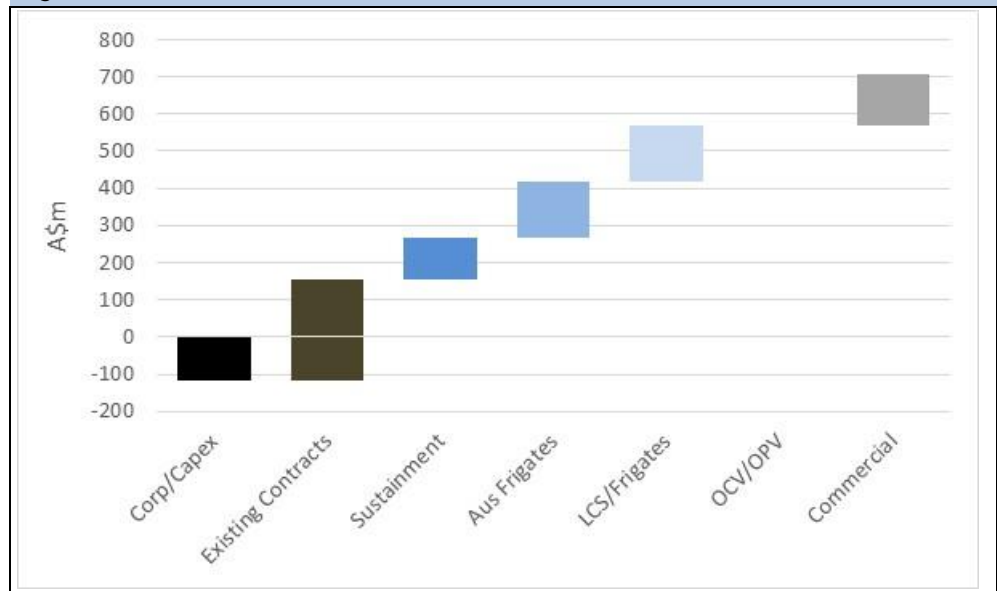
**Fig. 3: Long Run Revenue**



Source: Hartleys Research

We have removed our valuation of the OPV contract from our Group NPV but have largely filled this void with an increase in commercial awards. The net result was a 6c reduction in our NPV10 (Net Present Value discounted at 10%) to \$2.03per share (on the basis of a long run AUD/USD exchange rate of US\$76c per A\$1). We have also decreased our NPV marginally further on the back of slightly higher capex than expected.

**Fig. 4: NPV10 – Base Case**



Source: Hartleys Research

Again, the downside for the stock price if it does not win a significant portion of the Future Frigate and LCS/Frigate contracts would obviously be material. However, not as significant as suggested by simply removing these from our NPV10 analysis. We would expect a significant portion of the freed-up capacity to be filled over time with commercial contracts (where the market is improving) and we would expect the US Navy to also keep the Mobile yard at a reasonable level of capacity through further

sustainment work and perhaps an extension to the successful Expeditionary Fast Transport programme (beyond the current 12 vessels).

ASB is unique in that there are no other Naval contractors listed on the ASX. So, we have selected the S&P/ASX 300 Industrials (ex-BIP and Tech) as the most relevant benchmark for investors. Based on the average multiple for this sector and our NPV10 we derive a 12-month forward target price of \$2.06 per share (from \$2.10).

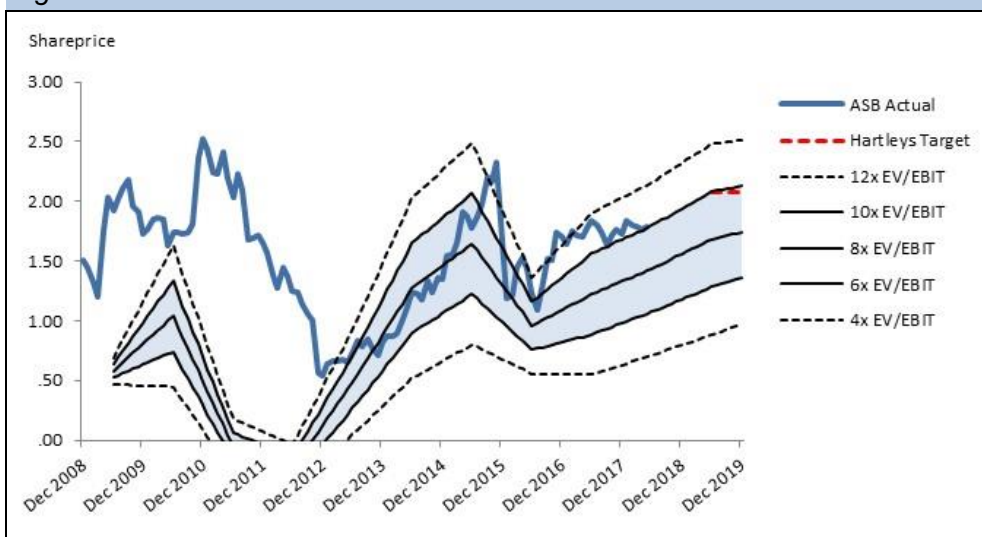
**Fig. 5: Valuation - Target Multiples**

Valuation						
	S&P/ASX Industrial: FY19 Multiple	ASX Comps	Target Multiple	Wgt.%	Tgt Price	
EV/EBIT	8.6x	12.3x	10.8x	10%	2.12	
EV/EBITDA	5.8x	8.0x	7.0x	25%	2.06	
Earnings	13.8x	18.7x	16.5x	30%	2.14	
Div Yield	2.9%	3.1%	2.7%	0%	1.83	
NPV				35%	1.96	
<b>Valuation</b>					<b>\$2.06</b>	
upside from current						18%

Source: Hartleys Research

As discussed, if the Company does win larger portions of the Future Frigates and LCS/frigate programmes than we currently assume then a premium to the Industrials Index may be warranted.

**Fig. 6: EV/EBIT Band**



Source: Hartleys Research

## RISKS

A key risk for ASB, similar to other industrials, is the ability of management to replenish the order book. Capital intensive businesses, such as shipbuilding, require a relatively high level of plant capacity utilisation in order to generate an economic return. An inability to replenish the order book can lead to earnings disappointments. Such disappointments can be very difficult to predict and share price reactions can be severe and immediate upon disclosure by the company. Specific risks for ASB include cuts to the US and Australian naval budgets, failure to secure a portion of upcoming major contract awards and / or a sharp appreciation in the AUD / USD exchange rate.

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## SIMPLE S.W.O.T. TABLE

Strengths	<p>Order book secures revenue through to FY18 and into FY19.</p> <p>Sustainment revenue: Contract with the US Navy should allow ASB to generate annuity service revenue from the LCS fleet once operational.</p>
Weaknesses	<p>Currently heavily reliant on a single customer (the US Navy).</p> <p>Capital intensive business that requires a relatively high level of yard utilisation to maintain margins.</p>
Opportunities	<p>Potential to win further orders from the US Navy, especially the LCS/frigate extension.</p> <p>Australian Governments' \$89bn Naval replenishment programme, opportunity to secure a portion of the Future Frigates Program.</p>
Threats	<p>The majority of ASB's revenue is USD based. A strengthening of the AUD against the USD, therefore, could impact reported AUD earnings.</p> <p>Cuts to the US Navy's budget could have a long-term impact on ASB earnings.</p>

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Source: *Hartleys Research*



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www.hartleys.com.au	info@hartleys.com.au

*Note: personal email addresses of company employees are structured in the following manner: firstname.lastname@hartleys.com.au*

## Hartleys Recommendation Categories

Buy	Share price appreciation anticipated.
Accumulate	Share price appreciation anticipated but the risk/reward is not as attractive as a "Buy". Alternatively, for the share price to rise it may be contingent on the outcome of an uncertain or distant event. Analyst will often indicate a price level at which it may become a "Buy".
Neutral	Take no action. Upside & downside risk/reward is evenly balanced.
Reduce / Take profits	It is anticipated to be unlikely that there will be gains over the investment time horizon but there is a possibility of some price weakness over that period.
Sell	Significant price depreciation anticipated.
No Rating	No recommendation.
Speculative Buy	Share price could be volatile. While it is anticipated that, on a risk/reward basis, an investment is attractive, there is at least one identifiable risk that has a meaningful possibility of occurring, which, if it did occur, could lead to significant share price reduction. Consequently, the investment is considered high risk.

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