

# THE MORSE

## OSBORNE NAVAL SHIPYARD

**We're already well into 2022 with the first three months flying past in a blur. Much has happened at Osborne Naval Shipyard (ONS) since the last issue of The Morse, and we'll discuss some of those events here.**

The main topics for discussion at the end of 2021 were the confirmation that Collins Class full-cycle docking works would remain at ONS, the cancellation of the Attack Class Submarine Program, and the commencement of a partnership with the US and UK known as the AUKUS Program. Upgrade programs for the Collins Class submarines and the Air Warfare Destroyers were also announced for implementation at ONS.

The first of twelve Offshore Patrol Vessels (OPV) was also officially launched at the ONS in December 2021, and the prototyping team for the Hunter Class Frigate Program

(HFCP) progressed the third block build in the new Osborne South yard.

As a key enabler of the Government's Naval Shipbuilding Enterprise, expansion and modernisation of the ONS into a world-class, fully integrated shipbuilding hub for naval shipbuilding programs continues, with a new western carpark, pedestrian access bridge for workers, additional offices and outfitting support towers for the Osborne south yard anticipated to commence in the near future.

ANI has moved into new offices at the shipyard, bringing most staff under one roof for the first time since the company's inception in 2017. ANI also launched a new website – [www.ani.com.au](http://www.ani.com.au) – where news about the expansion and modernisation of the shipyard, and progress of the shipbuilding programs, will be shared including photos and videos.

*The first Offshore Patrol Vessel, the Arafura, was launched in December 2021 from the ONS*





# PROJECT NEWS

## Osborne North Development Project



The CSPIF was completed in March 2022

**The Osborne North Development Project (ONDP) was commenced by ANI in 2018 to provide naval shipbuilding infrastructure to support the Attack Class Submarine Program.**

With the Federal Government's decision to end the Attack Class Program in September 2021, works on the ONDP were initially suspended then stopped, with ANI now in the final stages of winding up contract works. Further progression of construction works on ONDP are now subject to decisions around the delivery of nuclear-powered submarines in Australia, led by a Defence Taskforce.

However, the Combat System Physical Integration Facility (CSPIF) and the HV and fire system substations were all nearing completion at the time the decision was made to put the ONDP on hold, so it was deemed appropriate to complete these facilities. This was achieved, and the facilities were handed over to the ANI Operations Team at the beginning of March 2022.

With the successful completion of these elements of the ONDP project, we take this opportunity to thank several groups and organisations.

Firstly, we thank the Lefevre Peninsula community, particularly those living and working adjacent the shipyard, for their continued patience during construction activities. Impacts during construction of infrastructure on nearby residents and businesses can be frustrating, so we are grateful for the support and understanding our local community has shown over the last few years.

We also thank the individuals representing local resident and environmental groups who met (and continue to meet) regularly with ANI's Community and Stakeholder Relations Manager to discuss environmental initiatives on this and other projects around the precinct. We have appreciated their input and look forward to continuing our work with these representatives in the future.

Whilst the decision to stop the ONDP works is disappointing for the companies who tendered and were selected to be involved on the project, some great achievements were made as a team during construction and every individual should feel proud of what they contributed. This includes our construction partners, managing contractor Laing O'Rourke, design consultant KBR, and all subconsultants and subcontractors on the ONDP.



More than 5,000 native plants are planted around ANI's new head office at ONS





## ANI Head Office

**Staff can now cohabitate in shared offices with the completion of ANI's new head office at ONS.**

Previously working across multiple locations including Port Adelaide, the shipyard, and project site offices, management and staff could not be happier with the finished product which incorporates an open plan office with breakout spaces to support day-to-day office activities. The ability to interact daily has enriched the company culture and facilitated greater efficiencies across all departments.

The quality of workmanship in the construction and finishes are commented on by visitors to the office, and the design has enabled everyone to quickly benefit from the practical layout and community feel that has been created. Large meeting rooms provide the accommodations needed to support the numerous shipyard stakeholder engagement activities ANI undertakes, and this is complemented by communal amenity areas for staff.

Consistent with other ANI developments, more than 5,000 native plants have been planted around the new office, and First Nations artworks and languages have been incorporated as part of our continued recognition of the traditional landowners.

Over 35 Australian-owned businesses worked on the project using more than 90% Australian content.

The project was managed by ANI's Project Team, supported by JAA (project management and advisory consultants), Hames Sharley (architects) and consultancy firms WGA, BCA Engineers and URPS. South Australian company, Sarah Constructions successfully delivered these quality facilities, supported by a range of trade partners, achieving ANI's objectives in safety, cost effectiveness and timely delivery.

## New Carpark

**Whilst worker parking exists on the southern side of the Osborne South yard, additional carparking still needs to be delivered to accommodate the workforce expected at peak shipyard production.**

To achieve this, ANI is progressing the construction of a pedestrian bridge over the rail and a new ground-level carpark within the land it owns between the shipyard and Victoria Road. This new carpark will accommodate up to 1,500 worker vehicles with provisions for motorbikes, bus access and cyclists.

The carpark will include additional plantings within stormwater swales and around the perimeter, as well as infrastructure to enable solar capability going forward. It will be fenced and gated with authorised pass access only to prevent unauthorised access and use of the carpark.

Over recent years, surplus soils have been relocated to this area from other projects in readiness for the future construction of this carpark. Site amenities from the ONDP were also recently relocated to this area to house the small workforce required for these projects.

Environmental management measures such as water trucks, reduced speeds and water wheel washes will be implemented during construction to minimise dust and the spread of mud on the roads to and from the site.

Pedestrian bridge construction works will commence in April 2022, followed by carpark construction in September 2022. All works are expected to be completed by the end of 2022.





# SHIPBUILDING PROGRAM NEWS

## Offshore Patrol Vessels

**I**n a major milestone for the Royal Australian Navy and Luerssen Australia, the first of the new Arafura Class Offshore Patrol Vessels, *Arafura* was officially launched in December last year in Osborne, South Australia.

In cooperation with several Australian partners and with knowledge transfer from Germany, Luerssen Australia is leading a fully Australian build team to build 12 vessels, one of which is the *Arafura*. Another of the vessels is currently under construction at the Osborne Naval Shipyard, with a further ten vessels being built in Henderson, WA.

The launch event was attended by the Governor of South Australia, Premier of South Australia, Minister for Defence and the Chief of the

Royal Australian Navy.

At the event, Chief Executive Officer of Luerssen Australia, Jens Nielsen said:

"This launch is an important moment in the life of *Arafura*, and it is an opportunity to celebrate and recognise the hard work and commitment of hundreds of people," said Mr Nielsen.

"Everyone who has worked on *Arafura* has a unique place in the Royal Australian Navy's history and you should be proud of your achievements, thank you."

Luerssen Australia has a long-term strategy for building and sustaining minor warships and large vessels in Australia, in line with the Federal Government's continuous naval shipbuilding strategy and is committed to delivering the Arafura Class OPVs on time and on budget.

## Hunter Class Frigate Prototyping

**T**he Hunter Class Frigate Program (HFCP) reached yet another milestone, with the structural manufacture of the third steel prototyping unit successfully completed.

The unit was transferred from the Steel Fabrication and Unit Assembly Hall into the Block Consolidation Hall, where it will join the first two prototype units.

At a sizable 232 square meters, 2.9 meters high and weighing over 37 tonnes, the unit is a formidable example of Australia's sovereign shipbuilding and design capability.

This unit, along with the other two already situated in the Block Consolidation Hall, and another in progress, will comprise the first of a total 22 blocks that will make up the ship – with this block in particular being located in the middle of the ship.

The first two prototyping units are currently undergoing hot work, which includes the installation of seats and foundations.

● — AUSTRALIAN  
— ● NAVAL  
● ● INFRASTRUCTURE

61 Veitch Road | Osborne SA 5017 | PO BOX 2404, PORT ADELAIDE SA 5015

☎ +61 8 8131 9000

✉ [enquiries@ani.com.au](mailto:enquiries@ani.com.au)

f @OsborneNavalShipyard

in @AustralianNavalInfrastructure

[www.ani.com.au](http://www.ani.com.au)

