

Wavelength

ASC News | Winter 2011

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Message from the Managing Director

Eighteen months ago I arrived in Australia to take over the reins of the only remaining Australian Prime. It is a challenge that I embraced.

My initial assessment of the company was that what has emerged over the last 25 years is a set of submarine and shipbuilding skills that are comparable to any.

But the challenge for me has been to take these skills and build ASC into the most efficient and effective company it can possibly be. We have made significant progress and have seen major improvements on both the submarine and shipbuilding sides of the business.

Efficiencies improved significantly on the submarine side after implementation of several initiatives including, a Production Work Management system to allow effective planning of tasks and resources on the submarine, a Material Flow system to improve the movement of material off and on the boat during maintenance activities and the use of a grid layout and visual management board in the maintenance hall.

As a result labour efficiency has increased by 60% in the last 12 months.

On the shipbuilding side improved efficiency initiatives included a lessons learnt process, an increase in facilities capacity, implementation of a unit tracking system that allows for a better focus on progress and implementation of the Lean Principles giving employees the skills to make improvements.

In May we opened our doors to the public for ASC's inaugural Community Open Day. The day was a great success with more than 3,000 people coming through our door. We thank the AWD Alliance and our capability partners for their contribution.

We hope to make this day an annual event and extend the accessible area to allow the community to view more of the work that goes into maintaining the Collins Class submarines and building the AWDs for the RAN.

The new financial year holds many challenges but I am confident that the world-class team at ASC will continue to deliver excellent outcomes for our customer.



Steve Ludlam
Managing Director and Chief Executive Officer

ASC on show

On Sunday, 15 May, ASC opened the doors to its shipyard to the public for the first time in an event jointly hosted by the Air Warfare Destroyer (AWD) Alliance.

More than 3,000 people made the trip down to Osborne to take advantage of the unprecedented opportunity to look behind the scenes of two of the most complex defence projects in Australia – maintenance of the Collins Class submarines and construction of the Hobart Class air warfare destroyers.

ASC Managing Director and Chief Executive Officer Steve Ludlam said the response from the community was overwhelming.

"The crowd numbers indicated just how much interest there is in the work we do and gave us the opportunity to

demonstrate our commitment to building and maintaining Australia's frontline naval capability," Mr Ludlam said.

The public followed a carefully designed trail that showcased the capabilities of the AWDs and the Collins Class submarines. Displays also illustrated what it takes to build the AWDs and maintain the submarines for the Royal Australian Navy.

Large steel blocks that are being fitted with equipment including pipes, ventilation ducts and cabling were also on display.

But the best attraction by far was the opportunity for visitors to interact with the men and women involved in both projects.

Continued on page 2.



Welcome: ASC opened the doors to its shipyard in May for the Inaugural Community Open Day.

ASC on show - *continued*

One visitor expressed their extreme gratitude to the staff who attended. "It is such a wonderful opportunity to come out to ASC to get an understanding of what exactly the company does and where all the money goes. It has been a very worthwhile experience."

Another visitor added: "Listening to the ASC staff explaining the shipbuilding process was fascinating. They were animated, extremely knowledgeable and showed an obvious passion for what they do. It was a remarkable experience and I left with a heightened respect for all involved."

ASC General Manager – AWD Project Paul Gay said the day was a huge success due in part to all the employees who participated and demonstrated they are passionate about what they do.

ASC hopes to make the day an annual event with the next open day pencilled in for early 2012. Watch the press and the ASC website for more details closer to the time.



Success: ASC Open Day visitors enjoy taking a look around the ASC South shipyard.

Government announces changes to the AWD construction program

The Minister for Defence Stephen Smith and the Minister for Defence Materiel Jason Clare announced the reallocation of construction work for the \$8 billion Air Warfare Destroyer (AWD) project on Thursday, 26 May.

The Air Warfare Destroyer (AWD) Alliance, consisting of ASC, Raytheon Australia and Defence Materiel Organisation, welcomed the announcement.

AWD Alliance Chief Executive Officer Rod Equid said the reallocation approach was developed cooperatively with the three shipyards, ASC in Adelaide, BAE Systems in Williamstown and Forgacs in Newcastle, and had become necessary due to the concurrent work for the two major shipbuilding programs – AWDs and Landing Helicopter Dock (LHD) Ships.

“The combined build up of work has led to a capacity issue at the Williamstown shipyard and this restructuring is the best way to achieve relief and minimise delays to the project that could have been up to 24 months if no action was taken,” Mr Equid said.

As a result additional block fabrication work has been allocated to ASC and Forgacs. The Alliance has also allocated blocks to shipbuilder and AWD Platform Designer Navantia in Spain.

“The reallocation of work will relieve the production pressures and will reduce the expected impact to the AWD schedule,” Mr Equid said.

“Changing the allocation of work within the program at this time makes sense. It will ensure work on block production is not reduced at this critical time in the construction program and will bring about the best outcome for the project.”

“Forgacs and ASC have the ability to build the capacity to take on additional block work following the completion of new blast and paint facilities and increases in their production workforce. Navantia is an experienced shipbuilder building the Spanish F100 and also has the capacity to immediately take on additional work.”

The three AWDs are being built using a modular construction process. This involves building a total of 93 separate

steel blocks at the three shipyards with three sonar block assemblies built in Spain and the United Kingdom.

The construction of up to 13 blocks will be reallocated to ASC and Forgacs. BAE Systems will complete the structural steel and initial outfitting work on seven of the nine steel blocks it has started work on. In addition, up to five blocks will be reallocated to Navantia in Spain.

The change in allocation of work is not expected to result in any reduction in the production workforces within Australia.

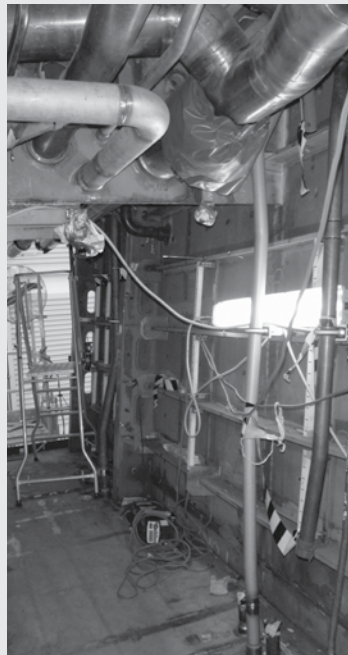
“Construction is underway on 27 of the 31 blocks for the first ship with around 800 people currently working to build these blocks across Australia. Problems in the early stages of construction for a project of this size and complexity are not unusual. What is important is they are quickly recognised and fixed,” Mr Equid said.

The AWDs will be consolidated at the South Australian Government’s Common User Facility at Techport Australia.

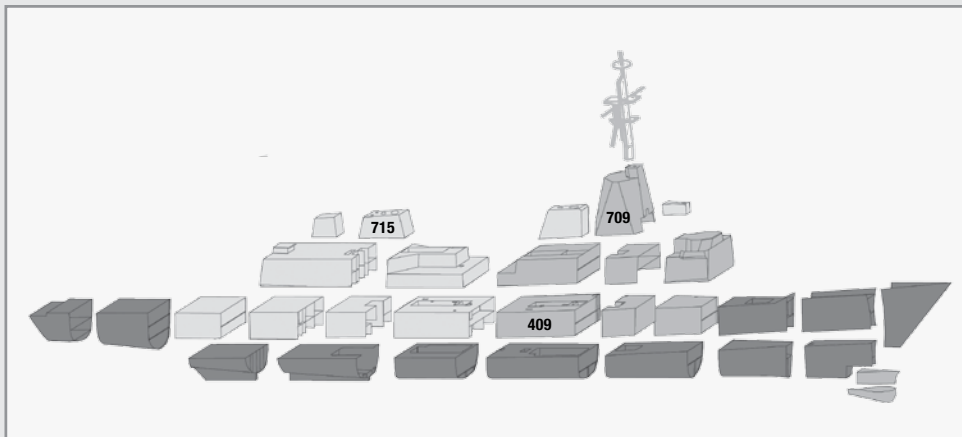
Progress in the shipyard



Complex: Panel 709 in rotation.



Progress: Block 409 Passage.



Intricate: The 31 blocks that make up an AWD.

Work is progressing at ASC’s shipyard (ASC South) where construction of the Royal Australian Navy’s three Air Warfare Destroyers (AWDs) is underway.

More than 162,776 man hours have been spent to date (as at 14 June) with 726 people working to make this project a success. This includes 490 non production and 236 production workers, numbers which will continue to grow as the project expands.

There is currently a significant amount of outfitting work in progress in an effort to move the blocks into the blast and paint phase of construction.

Block 715 was the first to test the facility. Block 409 has now successfully completed its Pre-Outfit 1 work scope, which involves installing the maximum outfit work. It was transported by the Self Propelled Modular Transporters to the Blast and Paint chamber and was the second Block to make use of the facility.

The rotation of panel 709, a complex shaped panel which forms part of the Combat System area, was rotated to commence the installation of bulkheads and other ship structure. It was then returned to the fabrication area to be joined to the next level of the tower block.

Construction of the blocks continues at shipyards operated by Forgacs in New South Wales and BAE Systems in Victoria. Delivery of the first block to ASC is expected in August, while a second delivery is expected towards the end of the third quarter.

ASC Managing Director and Chief Executive Officer Steve Ludlam said the quality of work at the ASC shipyard continues to remain high and on track.



Moving: Block 715 moving into the Blast and Paint Chamber.

ASC hosts employers for Navy Employer Challenge



Challengers: The group of eight involved in the Defence Reserves Navy Employer Challenge Day accompanied by Chief Petty Officer Mick Turnbull and ASC Submarine Manager (far right), Scott McCluskey.

ASC North and the youngest of the Collins Class submarine fleet, HMAS Rankin, were a major drawcard for Port Adelaide Enfield Council Mayor, Gary Johanson and a number of other employer representatives taking part in the recent Defence Reserves Navy Employer Challenge Day.

The day is designed to introduce employers and potential employers of Reservists to the military environment, the kinds of tasks and trades Reservists are involved in, as well as showcasing the invaluable skills gained that benefit their civilian workplace.

There are approximately 45,000 Active and Standby Reservists across the Navy, Army and Air Force, representing about 45% of the total Defence Force. To become a Reservist a supportive employer is required to allow time away from work to participate in various training tasks and commitments. The Defence Reserves Navy Employer Challenge Days aims to encourage more employers to offer supportive programs.

Chief Petty Officer Mick Turnbull said ASC was included in the day's proceedings due to the Company's large profile in the community and the exciting opportunity to tour a submarine, allowing the employers to get a feel for specific tasks Reservists are involved in.

"Reservists have served on submarines in the past and



Experience: Mayor of Port Adelaide Enfield, Gary Johanson and three fellow Navy Employers getting a taste of life on a submarine.

still serve on submarines in some capacity. If there is a requirement for extra ship company the Reservists will fill in the spaces and help out," Chief Petty Officer Turnbull said.

"Reservists will often help out in the sea trial phase of the submarine maintenance which shows the capability that reservists can give to defence."

Mayor Johanson has been a supportive employer of Reservists for 10 years. He believes Reservists have an extra edge over other employees, with a greater level of passion and ethics.

The Port Adelaide Enfield Council has one of the Nations's best council policies for Reservists and the Mayor is doing all he can to promote similar supportive workplaces to other employers.

Mayor Johanson was extremely impressed with the opportunity to tour ASC and HMAS Rankin.

"I have seen a submarine from the outside but am very fortunate to have the opportunity to go onboard, as it is something very few people in the world can do," Mr Johanson said.

The Defence Reserves Navy Employer Challenge Day is an annual occurrence and another group of employers will visit ASC next year.



Eager: Mayor of Port Adelaide Enfield, Gary Johanson begins his climb into HMAS Rankin.

CEOs sleep rough

ASC Managing Director and Chief Executive Officer Steve Ludlam and AWD Alliance Chief Executive Officer Rod Equid spent the night sleeping rough in a cardboard box on Thursday, 16 June as part of their involvement in the 2011 Vinnies CEO Sleepout.

The CEO Sleepout was held over night at the Adelaide Zoo with 85 CEOs enduring the wind, rain and cold winter temperatures. No mattresses, food or other luxuries were allowed and they only received a basic meal of soup and bread.

The engineering skills of our leaders were put to the test when they were given just cardboard to build a shelter for the night. After security moved them on from a position next to the Alligator enclosure (where an Alligator recently escaped) Mr Ludlam and Mr Equid modified a picnic table into a sturdy cardboard house. There was no sheltering under the rotunda for these tough CEOs.

Mr Ludlam and Mr Equid raised around \$8,000 towards the worthy cause.

Mr Ludlam said he enjoyed the opportunity to switch from making decisions to making a difference.

"The CEO Sleepout was a great opportunity to join fellow South Australian CEOs in an effort to raise awareness of homelessness in a wealthy country," Mr Ludlam said.

"There are hundreds of homeless people living and sleeping on the streets every night in South Australia with around 105,000 throughout Australia. The least I could do is put myself in their place for one night and raise money for the ongoing provisions of Vinnies' homeless services across the country.

"It was a cold, rough night, but something I am very pleased to have done. Thank you to all who donated and helped raise the money needed to make a difference."



Roughing it: ASC Managing Director and Chief Executive Officer Steve Ludlam and AWD Alliance Chief Executive Officer Rod Equid rose to the challenge and slept rough for the night as part of the 2011 Vinnies CEO Sleepout.

You have to be in it to win it

Several ASC entrants were named finalists in the Defence Training Centre (DTC) Awards, a prominent South Australia Defence industry competition with winners announced at an annual dinner in May.

The DTC Awards aim to recognise companies and individuals who have made a significant contribution to the development of the defence industry in South Australia.

In the category of Innovation, ASC Platform Systems Manager Martin Childs and Specialists Systems Engineer Jason Height, along with a number of industry collaborators, successfully engineered a system to provide access to secure email, audio

and video via wireless throughout a Collins Class submarine. This provides submarine crews access to personalised entertainment from the comfort of their bunks.

Additionally, shipboard communication is enhanced by pervasive email access - including access to external networks when alongside.

ASC Innovation Manager Margaret Law, Senior Safety/Systems Manager Roger Merritt and industry collaborators designed and implemented a Masters program in Military Systems Integration. This project was chosen as a finalist in the category of Workforce Development.

Unfortunately ASC was not successful on the night but Jason Height said it was fantastic for the onboard Wireless network Research and Development project to be nominated.

"The team involved produced a quality, innovative and cost effective solution to a difficult problem," Mr Height said.

"I am certainly proud of the work that was done by the team as it illustrates the level of competency and breadth of skill available at ASC. Obviously we were a little disappointed to miss out on an award, but the strength and maturity of the technology presented by the other nominees can't be denied."

Blast and paint begins at ASC



Ready: Block 715 ready for blast in the northern end of the main Blast and Paint Facility.

May marked the start of blast and paint work at a new \$8 million facility at ASC's shipyard (ASC South). The work involves blasting and then painting the steel blocks that will be used to build three air warfare destroyers (AWDs) for the Royal Australian Navy.

Blast and paint work is one of the final stages of block production before the blocks are consolidated to build the warship. Once the blocks are painted, the final fit-out work is done to install pipes, cabling and equipment.

The AWDs are being built using a block strategy, which involves each ship being constructed in 31 separate blocks at three shipyards and then assembled at the Government of South Australia's Common User Facility at Techport Australia.

Block 715 was the first of the blocks to test the facility, followed shortly after by block 409, marking the start of what will be a huge job at ASC South.

The blast and paint stage involves abrasive blasting to clean the metalwork and then painting the surfaces including steel plate and structure, equipment foundations, pipework and cable trays.

ASC Managing Director and Chief Executive Officer Steve Ludlam said the start of blast and paint work was another important step forward in delivering the AWDs.

In December 2010, the Minister for Defence Materiel Jason Clare announced the contract to carry out the blast and paint work had been awarded to Transfield Services as part of a contract worth more than \$35 million.

"The contract with Transfield Services will create jobs for more than 60 people over the next six years. Transfield will do paintwork on the blocks built at our shipyard and will also blast and paint the complete ships when they are assembled on the Common User Facility," Mr Ludlam said.



Thanks: Darryl Penney, Production Senior Supervisor Blast and Paint (left), thanks Warrick March, Facility Engineering Senior Supervisor, for the hard work that has been put into getting the facility up and running.



Movement: Block 409 moving into the Blast and Paint Facility.

Rally team gets a third

ASC has joined forces with the Royal Australian Navy in sponsoring a team in the Western Australian Rally Championship.

Headed by Leading Seaman Justin White, the team will join Australia's best rally drivers to battle it out in six major events over the course of 2011 throughout regions of WA. At the end of the rally series the team with the best accumulative time will be declared the winner.

The season kicked off on Saturday, 16 April with the Quit Forest Rally in the picturesque WA holiday town of Busselton. Leading Seaman and Captain Justin White was joined in the cockpit by his fiancée Kristin Paus.

All events in the series are to be held on gravel roads in forest plantations and on this occasion the WA pea gravel was a challenge to all drivers, being described as "slipperier than ice". Finding grip on the surface proved tricky, causing the ASC sponsored team to overshoot a corner or two.

Leading Seaman White said the team's main goal was to finish the 354km race and also have fun, but they exceeded their expectations by coming third.

"Coming third overall in our class was an achievement and an added bonus, especially considering five teams retired in the first stage," he said.

Although they completed the race with a great result, it was not without mechanical problems.

"We broke an engine mount, a CV joint and exhaust manifold. Short service times and no service crew only allowed us to fix what we could to keep us in the race."

At the finish line the team received a warm response from the thousands of spectators who turned up to watch the event.

"We had a blast! And we came out of it with flying colours," Ms Paus said.

Follow the team throughout the rest of the 2011 rally season on Facebook. Search for 'Navy Rally Team 2011.'



Competition: Leading Seaman Justin White and fiancée, Kristin Paus negotiate one of the many corners while competing in the 2011 Quit Forest Rally near Busselton WA.

ASC pioneers new safety initiatives

In the spirit of creating a safer work environment, employees at ASC's shipyard (ASC South) recently undertook training which has enabled the introduction of a number of new safety initiatives. The new training and initiatives fit within the company-wide Safety Culture Transformation Program (SCTP) and are well timed to coincide with the ramp up of production on the Air Warfare Destroyer (AWD) project.

ASC South's production crew was the first to undergo new training in December when they established a site-first Emergency Response Group (ERG), improved the use of Job Safety & Environmental Analysis (JSEA's), undertook training in the Take 5 principles and provided the first feedback to ZEAL Group who are assisting ASC to improve safety.

The dedicated ERG is a team of individuals who have acquired the skills to provide an immediate emergency response to an incident. These new skills are also supported by a comprehensive upgrade to site safety equipment including a brand new Portable Alarm Control Panel, Fire Fighting Assembly and Fire Fighting Basket, which were all designed and manufactured inhouse to ensure they met ASC requirements to the letter.

Other training, including adjustments to the use of JSEA's and a renewed emphasis on Take 5, focussed on avoiding incidents altogether.

Further to these immediate practical measures, Zeal Group is assisting ASC with the Safety Culture Transformation Program and has conducted a series of interviews with

some general managers and first reports. This was followed by focus groups involving a cross section of employees.

Information and feedback was sought on our current safety situation, including what is working well and what could be improved. ZEAL also looked at what best practice in safety would look like and what broad issues could impact on ASC South over the next five to 15 years.

Once the program has been successfully implemented at ASC South, rollout will commence across ASC North and ASC West.



Introduction: The ASC-designed and constructed Portable Alarm Control Panel, Fire Fighting Assembly and Fire Fighting basket – yet another tool in the ASC South safety arsenal.



1. Stop, step back, observe.
 2. Walk through task.
 3. Identify hazards.
 4. Control and communicate.
 5. Safety complete task.
- Stop - Think - Act**

Teamwork yields results on shop floor

Close collaboration between the Production Planning and Production Departments at ASC North, with assistance from Human Resources, has resulted in a secondment program which is helping to support new work processes to improve efficiency on the shop floor.

This collaboration has seen expertise and knowledge from experienced production employees, who are now undergoing training as planners, used to learn and conduct parts of the new planning process.

The Production Planning Department is responsible for the development, vetting and revision of the Work Packs which provide a scope of work to Production on the submarine.

ASC Production Planning Manager Stuart Hughes said the collaboration has been very successful.

"It helps us in Planning to have members from the Production teams to further complement the already vast experience of our current staff in generating quality Work Packs whilst investigating feedback from the guys at the coalface," Mr Hughes said.

"Ultimately, this initiative is proving to be a real winner for both parties, with Planning benefiting from the production employee's experience while, at the same time, the participants get to learn a completely new and highly sought after skill set."

Current participants in the program include mechanical tradespersons Michael Staker and Martin Katschner.

"When I saw the sign go up for expressions of interest I thought I'd throw my hat in the ring," Mr Staker said.

"So far it's working out well and I can already see where having someone like me, who has a bit of on the job experience, can help with the planning process."

Additionally, Larry Noorland (Mechanical) and Andrew Howells (Electrical) are providing support by undertaking some of the Work Pack feedback and investigations.

Last stages of construction under way

ASC is in the final phase of construction of two Outfit Support Towers (OSTs) which will complete infrastructure requirements at our shipyard, ASC South.

Home to the construction and consolidation of the Hobart Class Air Warfare Destroyer (AWD) project, the shipyard is ASC's largest infrastructure program since the establishment of the Collins Class submarine facility (ASC North) in 1989.

Once completed, the OSTs will act as the primary access points on to the ships while being consolidated on the Government of South Australia's Common User Facility (CUF). The OSTs are currently under construction at the property boundary between ASC South and the CUF where they will stay for the duration of the AWD project.

The first of the OSTs is expected to be fully completed and fitted out in August with the second being finalised in September.

They will house several support functions including workshops, tool stores, consumable stores, toilets, change rooms, lunchrooms and office space dedicated to the team in charge of completing the AWD construction.

The OSTs are designed so that the floor levels are aligned with the deck levels of the AWD. Access cuts through the ship's hull into critical spaces will provide ASC workers and subcontractors with safe, direct and unimpeded access on to and off the OSTs. This will eliminate the need for workers to travel up and down the ship ladders wasting valuable time.

The concept of the OSTs has been developed with the aid of Bath Iron Works, ASC's technical partner, where OSTs have been in use since 2001.



Support: The two Outfit Support Towers under construction will complete infrastructure requirements at ASC's shipyard (ASC South) to support the building of the Royal Australian Navy's air warfare destroyers.

Defence Budget overview



Announcement: Minister for Defence Material Jason Clare.

The Federal Budget was handed down on Tuesday, 10 May and with this came the announcement that none of the key Defence White Paper projects – including the 12 future submarines will be affected.

The Government will continue to invest in Force 2030 as set out in the 2009 Defence White Paper, *Defending Australia in*

the Asia Pacific Century. A comprehensive package of air, land, maritime and networked information capabilities is being progressed to ensure the Australian Defence Force of the 21st Century will have the capabilities required to meet future strategic challenges.

Budget papers reveal that the design phase for the SEA 1000 Future Submarine Project is now scheduled for 2011-15 with a decision to purchase expected to be made around 2019-20.

Minister for Defence Material Jason Clare said that in the next 10 years Defence will spend more than \$150 billion on the acquisition and maintenance of Defence Equipment.

"The amount to be spent in Australia is expected to jump from about \$5.5 billion a year to \$7.5 billion by the end of

the decade. That means more jobs for the Defence Industry and that's good for the Defence State," Minister Clare said.

A lot was said about the Defence Budget in the first two weeks after it was handed down and Minister Clare sought to clarify some points including the confusion about a fourth air warfare destroyer.

"There have been some suggestions that plans for a fourth air warfare destroyer have been "scuttled" in the Budget. Let me clear this up. Four years ago the former government announced the construction of three ships and that is what we are doing."

He also said that some funding for Defence projects has been pushed back and said this was due to some projects that are running late.

"On average major defence projects in Australia are delivered 20% late. That is better than the US and the UK. But that doesn't mean the current situation is good enough," Minister Clare said.

Work will be done to ensure Defence is more efficient in the future. Over the next few months the government will also be rolling out the next stage of reforms to Defence.

Minister Clare said that the results would be good for taxpayers and, most importantly, good for the Australian troops.

The first of a new breed

Able Seaman Stores Naval Submariner Stacey Jelley has become the first ever Collins Submarine Qualified Stores Naval in Australia's Submarine Force, when she was presented with her "dolphins" in May. This is a significant milestone in onboard logistical support for submarines.

Able Seaman Jelley joined the Royal Australian Navy in April 2005 and has served in the surface fleet onboard HMAS *Adelaide* and HMAS *Perth*. While working at Fleet Logistics Support Element, Fleet Base West, Jelley was offered the opportunity to undergo submarine training.

To become a submariner in the past would have required Able Seaman Jelley to change categories. Today she has the option to serve in submarines at sea up to the rank of Chief Petty Officer Stores Naval Submariner.

There is now one extra way for highly motivated individuals to work in the Royal Australian Navy's Submarine Force.



Qualification: Commanding Officer HMAS *Waller* James Harrap presents Able Seaman Stores Naval Submariner Stacy Jelley with her dolphins badge.

The Alliance on target

The Air Warfare Destroyer (AWD) Alliance, consisting of ASC, Raytheon Australia and Defence Materiel Organisation, has continued to reach milestones in the first half of 2011.

Among other achievements, including the completion of the blast and paint facilities at ASC and Forgas and reaching the final stages of construction of the Outfit Support Towers, is the completion of the Combat System arm of the project.

The Hobart Class Combat System is designed to provide the AWDs with an advanced air-defence system capable of defeating enemy aircraft and missiles at ranges in excess of 150 kilometres. A number of vital combat systems equipment deliveries have recently arrived or are expected soon, including:

- The gunmounts for each ship;
- The X/Ka SATCOM for the first ship; and
- The Vertical Launch System for the first ship which is due to arrive early next year.

The first two shipsets of Aegis equipment have successfully completed United States Navy factory acceptance testing and the Alliance received the first of eight Aegis equipment shipments for HMAS *Hobart*.

The three external communications procurements – electronic warfare, radios and satellite communications – are also now in contract. Integration of the subsystems with the core Aegis system is also progressing well.

PM announces new service chiefs



Appointment: New Chief of Defence Force, Lieutenant-General David Hurley.

Prime Minister Julia Gillard and Defence Minister Stephen Smith announced the Australian Defence Force's new service chief appointments to take effect in July 2011.

Chief of Defence Force ACM Angus Houston retired on 4 July, and was replaced by Vice Chief of Defence Force LTGEN David Hurley who was promoted to the rank of General.

Chief of Air Force AIRMSHL Mark Binskin replaced LTGEN Hurley as VCDF, and Deputy Chief of Air Force AVM Geoff Brown assumed the role of CAF and was promoted to Air Marshal.

Chief of Navy VADM Russ Crane retired on 7 June, and was replaced by Deputy Chief of Joint Operations, RADM Ray Griggs who was promoted to Vice Admiral.

Chief of Army (CA) LTGEN Ken Gillespie retired in July and was replaced by Army's Forces Commander, MAJGEN David Morrison who was promoted to LTGEN. There is no word yet on who will fill the deputy service chief roles.

Ludlam on the list

ASC Managing Director and Chief Executive Officer Steve Ludlam has been named as one of Australia's Top 100 Most Influential Engineers for the second year running.

The list is compiled and published by Engineers Australia magazine and is designed to draw wider attention to the many engineers who fulfil influential roles in society including business leaders, drivers of innovation and politicians.

To be eligible for selection, candidates must have an engineering degree, be based in Australia - independent of their nationality - and currently employed (rather than retired). This ensures the list remains a dynamic reflection of influential engineers each year.

The top 100 list is divided into seven categories in order to reflect the wide areas in which engineers are involved, including; Industry, Consulting, Public Service, Associations, Academia/Research, Politics/Others and Innovation/Expertise.

Mr Ludlam was included within the Industry category which takes into account a number of factors including the size of the organisation the candidate is responsible for, measured by revenue and number of personnel and the industry sector the candidate's organisation is operating in.

Engineers Australia was impressed with Mr Ludlam's achievements in overseeing the opening of ASC's shipyard and commencement of Air Warfare Destroyer (AWD) production as well as the smooth restructure of the company and the increase in levels of efficiency and revenue.

"The list demonstrates the depth of the pool of engineers in leadership positions in Australia and I am very humbled to have been included," Mr Ludlam said.

ASC recommits support to Engineers Australia

ASC has recently recommitted to supporting the Engineers Australia Professional Development Program (PDP) by renewing its agreement with the organisation.

The PDP is a planned period of professional formation that is structured around an identified job and career progression, and includes work-based training and assuming responsibility in appropriate roles. It can be tailored to match both the professional formation needs of employees and the business requirements of an organisation.

ASC General Manager - Engineering Jack Atkinson said ASC, through its Graduate Program, fostered careers from entry level all the way through to the most senior roles and encouraged all of its engineering and technical personnel to achieve Chartered status as soon as they had the experience to qualify.

"The recent renewal of the PDP agreement with Engineers Australia has coincided with a drive within ASC to actively encourage those who have the experience to qualify but who have been slow to document it," Mr Atkinson said.

"The promotion of the program to our staff demonstrates the importance ASC places on Chartered status in an increasingly technically regulated world.

"The PDP, which provides mentoring assistance for each engineer in developing their submission for certification, is an absolutely essential ingredient to ensure our engineers receive formal recognition of their expertise.

"The achievement is recognised as an important step in the career of all Professional Engineers, Engineering Technologists and Engineering Officers."

Participation in a PDP is open to engineers across all fields and all types of enterprise. There are currently about 6,000 engineers with 300 participating organisations on an Engineers Australia's PDP.

Engineers Australia's PDP and ASC's Graduate Program complement each other, as the engineers are rotated onto different projects for experience, then encouraged to demonstrate their new competencies in the form of Career Episode Reports. This process enhances an engineers experience, maturity and capability, ready for Chartered Status and leadership in the future.



Agreement: ASC General Manager Engineering Jack Atkinson and Engineers Australia South Australia Division President Dr David Cruickshanks-Boyd renewing their commitment to the Professional Development Program.

ASC is now on Facebook!



ASC recently joined the ranks of Facebook. Like us on Facebook by visiting www.facebook.com/ascptyltd. There you will find photo albums cataloguing ASC projects, ASC videos, updates on life at ASC as well as job openings across all ASC sites.

Join us today!



Vox Pop

ASC held the inaugural Community Open Day on Sunday, 15 May. We asked ASC employees and Open Day volunteers what they enjoyed most about the day.



Kim Jury
Ship Area Manager

The thing I enjoyed the most was the turnout. It was a surprise to see how many people in the general public have genuine interest in the project. It was also great to see some old ASC North friends come in and see what we are achieving.



Jake Bald
Apprentice

There were two things I enjoyed most about the ASC Open Day: the pride I felt in showing everyone who came along the fantastic facility I work in every day; and the number of people who asked me how they could get on the ASC apprenticeship scheme.



Mat Hunter
General Manager, HR

I enjoyed meeting the families of some of our people. It is important that our people can show their families, friends and the community their workplace and be proud to be a part of ASC. I also enjoyed taking my three year old son around the yard and introducing him to my team. It was a relaxed atmosphere and it was obvious that people were enjoying the day.



Zoe Mitchell
Receptionist

What I enjoyed most about the ASC Open Day was the response Security received from the public – we didn't receive a single negative comment the whole day! There were so many smiles and votes of thanks as people exited the gates. Overall I thought it was a fun and exciting day for all.