



## NATIONAL NEWSLETTER No 4 of 2016

### Quote of the month

"Never doubt that a small group of thoughtful, committed citizens can change the world; indeed, it's the only thing that ever has."

**- Margaret Mead**

### In this issue

[AIDN NATIONAL NEWS](#)

[AIDN-NEW SOUTH WALES](#)

[AIDN-NSW MEMBERS' NEWS](#)

[AIDN-QUEENSLAND](#)

[AIDN-QLD NEW MEMBERS](#)

[DEFENCE TEAMING CENTRE \(DTC\)](#)

[DTC NEWS](#)

[AIDN-VICTORIA](#)

[AIDN-VIC NEW MEMBERS](#)

[AIDN-VIC MEMBERS' NEWS](#)

[AIDN-WESTERN AUSTRALIA](#)

[AIDN-WA MEMBERS' NEWS](#)

[DEFENCE & SECURITY NEWS](#)

[GENERAL NEWS](#)

[UPCOMING ACTIVITIES](#)

## AIDN NATIONAL NEWS

### AIDN NATIONAL EXECUTIVE OFFICER MOVES ON

Sue Smith, Executive Officer AIDN, will be leaving her role at the end of this month to provide more support to the AIDN-Victoria members.

Sue has been an invaluable partner in building, developing and delivering growth and improved performances for AIDN. Her services have ranged from reliably publishing our newsletter through to her important contribution in delivering to AIDN members the opportunities for engagement beyond the events offered by AIDN Chapters.

Sue's ability to support and nurture a range of relationships, through which she was widely trusted at all levels, has been invaluable. She has been a solid sounding board, providing insights into the services that make the most difference to AIDN members.

Sue has been a driving force in AIDN's growth into an effective voice for SMEs over the last 13 years as the AIDN National Executive Officer. It has been a wonderful journey and she has very much appreciated the support she has received from defence related SMEs, primes, Defence personnel and from overseas industry associations.

AIDN wishes her all the best for the future, after 13 years.



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## NATIONAL PRESIDENT'S MESSAGE

Greetings

To my fellow AIDN members..... hello and its heading into June in the Year of the Fire Monkey. What is happening to 2016!

AIDN National has continued its evolution with an endorsement of the penultimate Strategic Plan and Business Case last meeting. I am looking forward to the challenges of implementing a new future for AIDN at the National level. Again, please feel free to contact me at [president@aidn.org.au](mailto:president@aidn.org.au) as your input is valued.

There has been a number of "Changing of the Guard" announcements.

The most significant of the changes for this year is that Sue Smith, after over a decade of service to AIDN, has decided to step back from the National Executive Officer Role from 31 May 2016. After a well-deserved holiday, Sue will continue in her role as AIDN-Victoria Chapter Executive Officer.

Sue Smith is a highly respected member of the Australian defence industry community and is recognised by both stakeholders and peers for her valuable contribution in supporting small to medium business in the defence industry.

During her tenure with AIDN, Sue has worked with the National Executive to ensure that AIDN continued to be recognised as the premier organisation supporting Defence Small to Medium Enterprises (SMEs). She has worked closely with the AIDN Chapter Executive Officers to continue to grow member services and consolidate advocacy responses from member companies into numerous AIDN responses to Commonwealth policy. Sue maintained the secretariat function of AIDN National office throughout her tenure.

Sue will leave AIDN National level well placed to grow in its next phase of support for the Defence SME. She has left big shoes to fill. AIDN truly appreciates the effort she has put to the task of ensuring the national organisation functions well and we know that Sue will still support AIDN in her continuing role as the AIDN-Victoria Executive Officer.”

Also significant is that Sharon Blondell is ceasing as AIDN Administration Manager and she too is continuing with AIDN-Victoria.

AIDN National owes both of them a deep gratitude for their long services and we wish them well.

Finally there is the departure of a great AIDN contributor Mr Chris Burns AIDN SA President (the Defence Teaming Centre).

As President of AIDN I wish to make some remarks with regard to the departure of Chris Burns. Chris is to be the SA Mental Health Commissioner. I am glad such a worthy cause gets such a staunch warrior and AIDN wishes Chris all the best.

The DTC joined the AIDN National group from very early in our history. The DTC has been one of the most successful AIDN chapters, particularly with respect to its relationship with the SA Government and the funding it has gained. Often I have wondered why certain other State Governments cannot put the dots together and realise that supporting and encouraging their AIDN Chapter will gain great benefit for their State industry Chapter members. Chris ensured that the DTC remained with AIDN for national unity for the benefit of SMEs across Australia.

From my personal perspective, I have watched the risks Chris took to represent his State's Defence Industry and the national shipbuilding industry with some awe. Our national shipbuilding industry owes eternal thanks to the DTC efforts (combined with some fortuitous political landscapes) for the great AIC results recently announced. AIDN needs now to step up to take on the mantle and legacy left by Chris to grow the “Australian Made Defence” campaign truly to a National campaign.

I also believe that the “Australian Made Defence” campaign for Australian Industry benefited other major programs in LAND and the general defence approach to industry AIDN is experiencing.

Whatever you do Chris, AIDN across Australia owes you a vote of thanks. Thanks on behalf of AIDN for your dedication and sacrifice to our Australia wide SME effort. Your successor has big shoes to fill.

## Acknowledgements

I acknowledge particularly the assistance of your AIDN National Committee in their contributions to the future direction of AIDN and also the assistance and sage advice from the Deputy Secretary CASG Mr Kim Gillis and the Acting Assistant Secretary Defence Industry Policy Ms Kate Louis.

Thanks to Mike Deeks and the management of Civmec Pty Ltd for hosting the AIDN National April Meeting at their premises in Henderson WA. Thanks also to the AIDN-WA assistance with regard to this meeting. Our tour of the Civmec facilities was an eye opener regarding this new member of the Defence industry base.

## President and National Committee Activities

Our activities on your behalf in the last month are below.

- An endorsement of the Penultimate Strategic Plan and Business Case at our April Meeting in Henderson;
- The commencement of the Expression of Interest process for the appointment of our inaugural Chief Executive Officer. Expressions of Interest can be placed to [president@aidn.org.au](mailto:president@aidn.org.au) for anyone who feels they can take on the challenge of ushering the new era of AIDN collaboration with Defence and Government;
- Continued fruitful meetings with the Deputy Secretary CASG Mr Kim Gillis and Acting First Assistant Secretary Defence Industry Policy Division Ms Kate Louis to discuss how AIDN can assist them in transforming Defence industry policy and work much more closely with our partners in Defence.
- Appointment of the Interim Administration Officer for AIDN in Canberra, Ms Susan Chan. Susan has been appointed on an interim basis to ensure continuity of Services to members during this AIDN Transition. Susan can be contacted at [administration@aidn.org.au](mailto:administration@aidn.org.au)
- An initial meeting with Ms Kate Carnell the inaugural SME Ombudsman. AIDN looks forward to continued and growing interfaces with the SME Ombudsman;
- A submission of a joint AIDN/ABLDIU/Ai Group letter to the Secretary of Defence with regard to the issues around the

current Defence Security Clearance Policy.

- Attendance at the Ai Group Defence Council meeting in Canberra and subsequent meeting between Ai Group Defence Council/AIDN and ABI to discuss Defence security process concerns;
- AIDN Special General Meeting in March to endorse Constitution Changes that arose from the Strategic Planning process
- Attend North Asia Free Trade Agreements (FTA) Information Seminar
- Attend KPMG Defence White Paper 2016 seminar
- Attend Japanese Reception for the visiting fleet

#### Planned Activities

Establishment of the Interim AIDN administration function in Canberra under Alan Rankins continuing as President and acting as Interim CEO and Sue Chan as Interim Administration Officer. This move is simply to ensure continuity of services from AIDN National to the Chapters and will facilitate the continued prudent, considered and budgeted move to implement the revised Strategic Plan.

Formal endorsement of the Final AIDN Strategy and Business Plan and Constitutional Amendments at the AIDN National meeting in July.

Planning for the second annual AIDN National dinner in February 2017 has commenced.

Planning for the inaugural AIDN SME Summit later in 2016 continues.

Getting cracking on the approved AIDN organisational changes as we evolve the implementation of our Strategy!

We will continue to implement a plan for the re-invigoration of the AIDN-Tas Chapter.

AIDN has requested a meeting with the Hon Dan Tehan MP, Minister for Defence Materiel.

Attendance and support to the Defence & Industry Conference in Canberra

#### Contact details

All Chapter members should feel at ease in contacting me directly about any issues. If the matter you raise is related to member services, I will ensure your issue is raised with the appropriate Chapter President. I can be contacted via my AIDN email address [president@aidn.org.au](mailto:president@aidn.org.au) or my mobile 0413014480 during working hours.



## ▶ AIDN-NEW SOUTH WALES

### MESSAGE FROM THE AIDN-NSW PRESIDENT

Hello from the NSW chapter,

Another year is well underway although it seems to have just started. In fact, next month is our AGM. We expect to report a good result for 2015 and a sound basis for continuing forward. We always have room for new people on our committee too, so if you would like to contribute to your AIDN this way, please contact me or John Small. We have also arranged a presentation by Lockheed Martin to follow the AGM.

For the last month, Prime Minister Malcolm Turnbull has been talking up the contribution of Australia's industry to Defence in general, the new Submarines in particular, innovation and "Jobs and Growth". Through AIDN National, we have been contributing strongly to leveraging the opportunities this presents, with development of National's new business strategy and a

significant update to the industry policy contained in our SME Participation Plan. If anyone has any ideas for this area, we would like to hear about them as these policies are yet to be finalised.

We are also pursuing further engagement with DCNS to ensure all of our membership has the best opportunity to be part of the Submarine project. There should be an announcement on the next stage of this shortly.

This year we have been revitalising our original Breakfast format too, with presentations by members at a neutral venue to take place at least once a quarter.

I look forward to seeing you at a breakfast soon, and the AGM.

Regards,  
Medhat Wassef  
NSW President

## MARCH BREAKFAST

Some 25 people attended to hear from Favcote and Milspec Engineering on their capability and defence experience.

## APRIL BREAKFAST

Some 25 people attended to hear from Bentley and Kordia Solutions on their new and existing capabilities and defence experience.

## 2015 AGM 23rd JUNE

The AGM will be held at City Tattersalls on Thursday 23rd June from 12pm and will include a presentation by Lockheed Martin.

## 22nd ANNIVERSARY DINNER

The dinner this year will be at the Langham on Thursday 29th September.

## EXECUTIVE COMMITTEE MEETINGS

Your committee met on 27th April and previously on 24th March. Major outcomes were:

- Input provided to National on Business Plan/Strategy for the future, including the need for a sound business case on a move to Canberra for the National Executive and changes from the President /Committee /Executive Officer to a Chair/Board/CEO
- Input provided to National on an update to the SME Participation Plan for the current environment, including Industry as a Fundamental Input to Capability, Sovereign Capability, Innovation and an Australian Industry Participation Program
- Finances remain sound
- Initial planning for the Annual Dinner underway
- Strategy for a presentation with DCNS on the Submarine Project

## AIDN NSW LINKEDIN GROUP

Join the group and see the latest topics here: [Click Here](#)

## ▶ AIDN-NSW MEMBERS' NEWS

### QUICKSTEP GETS A FOOT INTO KOREAN AUTO MARKET

Manufacturer of advanced carbon fibre composites company Quickstep Holdings is pleased to announce its entry into the South Korean automotive market through a new sales contract with the Korea Institute of Science and Technology (KIST).

Quickstep will develop and supply composite manufacturing equipment, including its patented Resin Spray Transfer (RST) and Qure (Out-of-Autoclave) curing machine technologies, which KIST will use to develop prototype, demonstrator and niche-volume composite parts. Delivery is expected to be completed by the end of 2016 and will pave the way for further adoption of Quickstep's technologies in the growing South Korean automotive sector.

"This contract opens up the South Korean automotive market for Quickstep's process technology," David Marino managing director Quickstep said. "Our patented technologies will enable medium-volume production of carbon fibre composite

automotive parts, providing throughput of more than 10,000 parts per year."

"KIST is very well positioned within the automotive industry in South Korea, a sector that has made it a priority to develop lightweight carbon fibre solutions for future vehicles."

KIST is a well-respected, multi-disciplinary government research institute located in Seoul, South Korea, with a significant role in the development of South Korea's growing carbon fibre composite materials industry. It specialises in supporting Korean companies in the research, evaluation and introduction of new technologies into production environments.

"This will be the first system of this kind in South Korea and we are very pleased with our decision to work with Quickstep to design and manufacture it for us," Dr Jun-Kyung Kim, Jeonbuk Branch Composite Material Technology Institute director general said.

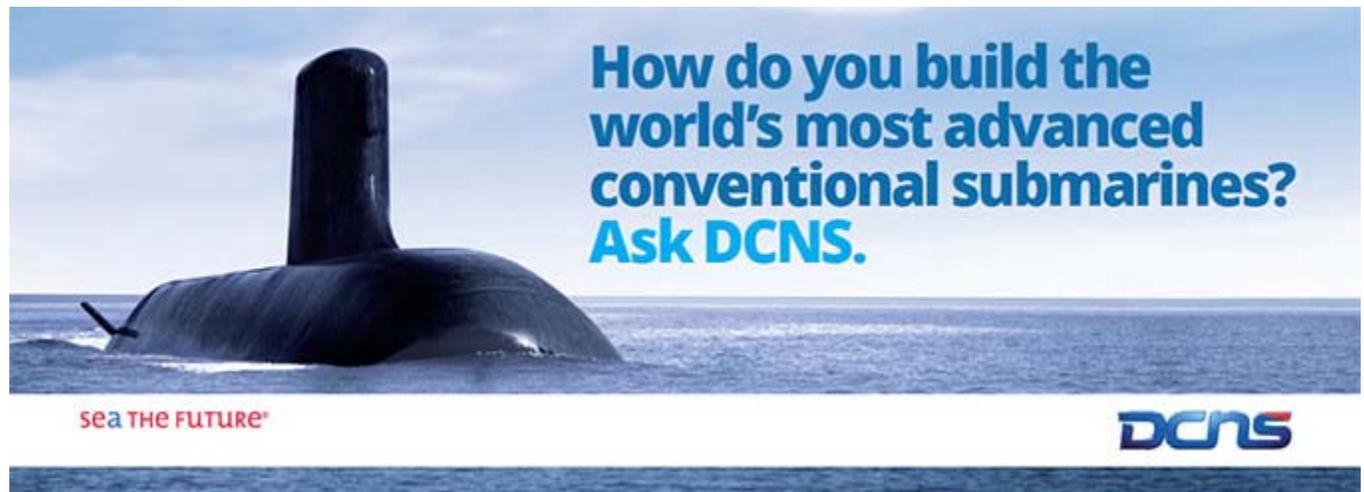
"The system will offer the complete capabilities that we need to continue and expand our research in the field of composite materials science, with our goal to become the world's leading researcher in this area."

The Quickstep manufacturing system supplied to KIST will be optimised for niche- to medium-volume automotive industry production. This contract will drive further development of the RST and Qure systems for higher volume production, well above the current capacity of existing systems used in the aerospace sector.

Quickstep's Qure and RST technology will enable KIST to produce Class-A surface quality parts at an overall lower cost, and will demonstrate the benefits of the system for industry uptake in the Korean market.

South Korea provides a number of opportunities for the uptake of Quickstep's process capabilities in the future, both in its fast-growing automotive market, as well as in its emerging aerospace manufacturing sector.

The carbon fibre sector is seen as a major growth area in South Korea with significant government and industry investment going into major initiatives such as Carbon Valley Project in Jeollabuk-do province, creating an internationally focused region for research, development and industry in areas such as carbon fibre, artificial graphite, and carbon polymers. [Courtesy of ADM](#)



## AVIATION AUSTRALIA, HAWKER PACIFIC TEAM ON TRAINING

Queensland aerospace training provider Aviation Australia will partner with Hawker Pacific to build portable maintenance training packages for the Asia Pacific and Middle East, under a teaming agreement signed in March and announced today.

The agreement formalises a relationship that has already seen Hawker Pacific engineers supervising and mentoring Aviation Australia's international students on several major projects since 2012, including an Air Niugini/Hawker Pacific/Aviation Australia Program now underway at facilities in Cairns that is seeing cadets training for the practical component of their European (EASA) training on live aircraft in an EASA 145 maintenance facility.

"We see some fantastic opportunities working with Aviation Australia," said Hawker Pacific's Chief Operating Officer Asia Pacific, Mr Doug Park. "In both the civil and military sectors we can package up the theoretical and practical training elements of avionics and mechanical technician training and then take it to the customer's preferred location. This initiative offers great flexibility coupled with a compressed training pipeline."

"Aviation Australia's International Diploma program is a great example of Australian expertise being exported globally and we see this program growing in the future as this enhancement to the training is marketed globally," said Bill Horrocks, CEO of

# DEFENCE TESTING



Austest Laboratories offers the most comprehensive and publicly available environmental, EMC and electrical testing facilities in Australia and New Zealand. This includes the most up to date EMC facilities, vibration and shock equipment, climatic chambers, pressure and altitude simulations and many others covering requirements of all commonly used defence specifications such as MIL-STD-461, MIL-STD-810, MIL-STD-167, MIL-STD-202, DEF-STAN 00-35 etc.

## OUR SERVICES INCLUDE:



- **EMC** (inc. Radio frequency interference emissions and Susceptibility)
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|-------------------|-------------------|
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| • MIL-STD-810G*   | • MIL-STD-883*    |
| • MIL-STD-167-1A* | • MIL-HDBK-2036*  |
| • MIL-STD-202G*   | • RTCA/DO-160*    |
- \* including previous versions



*Minister for Defence, Senator Marise Payne and Member for Lyndsay Fiona Scott MP with Petrolink's Barry Boné*

## MINISTER: DEFENCE DEPENDS ON COMPANIES LIKE PETROLINK

Minister for Defence Senator Marise Payne visited Sydney-based defence SME Petrolink Engineering in Penrith recently. The company specialises in the design, installation and sustainment of industrial petro-chemical storage and delivery systems.

During her visit to Petrolink Engineering with local Federal MP Fiona Scott, Senator Payne recognised the company's contribution as a long-time supplier to Defence.

"We depend on companies such as Petrolink Engineering to ensure that fuel facilities for Australian Defence Forces are maintained to a high level," Minister Payne said.

After a tour of Petrolink Engineering's office and workshop facilities, the Minister met with Petrolink Engineering MD and founder, Barry Boné and senior executives to discuss SME relationships with Defence and how these relationships can improve over time.

"The Minister listened intently to what we had to say," Boné said.

"She understood the importance that SMEs play with both Defence and major Defence contractors to ensure the smooth delivery of construction, engineering and maintenance programs."

"We were able to let the Minister know the specialised areas that we operate in and how successful we have been for over two decades," Boné added. [Courtesy of ADM](#)

▶ AIDN-QUEENSLAND

AIDN-QLD NEW MEMBERS



### LogiCamms

LogiCamms supports owners and operators of hydrocarbons, minerals and metals, and infrastructure assets with multidiscipline engineering consulting, project delivery, asset performance and maintenance services across our Consult, Deliver and Maintain business lines. Our long standing history in multiple industries spans customers and facilities across Australia, New Zealand, and internationally in areas from Papua New Guinea to Brazil to South Africa.

LogiCamms is listed on the Australian Securities Exchange (ASX code: LCM) and wholly owns New Zealand based oil and gas specialist, ITL Engineering, specialist consultancy Monarc Environmental and Registered Training Organisation, Competency Training. LogiCamms recently acquired Petromod, a leading maintenance, inspection and commissioning business.

Please contact:

Geoff Jenkins

Director Projects

Phone: 07 3058 7253



## RPR Trades Pty Ltd

We offer services and solutions that deliver specialized recruitment, optimized performance and mitigated risk for your industrial workforce.

**Recruitment:** skilled and semi-skilled blue collar workers through to lower management, on a permanent, contract or casual basis, either directly for clients or under a labour hire arrangement.

**Performance:** optimised performance and productivity of skilled and semi-skilled blue collar workforces, through sound assessment, training, reporting and management.

**Risk:** Mitigated risk through leading edge solutions in both safety and wellness, and industrial relations.

Please contact:

Jason Micallef

Regional Manager SEQ

Phone: 07 3456 5604

jason.micallef@rprtrades.com

## ▶ DEFENCE TEAMING CENTRE (DTC)

## DTC NEWS

### CODAN RADIO COMMUNICATIONS WINS US\$7.9 MILLION CONTACT

Codan Limited has entered into a US\$7.9 million contract to supply HF Radio equipment to a longstanding military customer. The equipment to be supplied is a combination of Codan manufactured equipment and third-party items.

This continues their efforts to access to larger and more diverse markets, and increasing the size and number of projects we can bid for. This contract represents a significant multi-vendor prime project win for Codan's Radio Communications business and positions us well to participate in large tenders in the future."

### FRAZER-NASH PROPELS STEM CAREER INTO THE FUTURE

Frazer-Nash Consultancy's internship student, Lisa Neldner, has received a grant by the South Australian State Development Department through the Defence STEM Internship Program. This prestigious grant enables students to gain valuable experience in Defence, science and technology through structured work placements with local companies. Lisa is working in conjunction with Frazer-Nash and researchers at Defence Science and Technology Group Edinburgh to assess rocket motor components being developed for future propulsion systems for Australia's Defence Force.

### COLLINS CLASS SUBMARINE CHILLED WATER SYSTEM PLC UPGRADE

The Chilled Water System onboard the Collins Class Submarine is a critical system, cooling of various compartments and equipment onboard. The heat is removed from the chilled water system to the fresh water cooling system via the Freon system.

SAGE Automation specialist engineers have worked in collaboration with ASC to replace the Programmable Logical Control (PLC) system for the Chilled Water System.

The works included the electrical and functional design specifications, safety hazard analysis, PLC and Human Machine Interface (HMI) coding, manufacture of the system, functional, Electro Magnetic Interference / Electro Magnetic Compatibility (EMI/EMC) and Factory Acceptance testing, as well as detailed system documentation.

SAGE will shortly deliver the PLC system to ASC for fitment to the Collins Class Submarine.

### GLOBAL WORKFORCE ARCHITECTS PROGRAM LAUNCHED

South Australian company, Workforce BluePrint with a 14 year track record as leaders in workforce planning and development, has launched the Global Workforce Architects Program in Austin Texas at SXSW.

From two countries to six last year and now 20+ countries worldwide, Workforce Architects provides the capabilities and skills for people to solve workforce problems, create more jobs, encourage entrepreneurship and where you have a plan for growth, ensure you have a workforce to match.

Picture: Workforce Blueprint

Caption: Workforce BluePrint's Wendy Perry with Premier Jay Weatherill in Austin Texas for the launch of the Global Workforce Architects Program.

## ELECTRIC RESULT FOR ADELAIDE ENGINEERS

Supashock has seen its bespoke shock absorbers take the DS Virgin Racing team to its first Formula E victory in the ePrix in Buenos Aires. "It's the biggest thing that has happened to us, Formula E is the next big thing" said managing director Oscar Fiorinotto. The success will help ensure a steady stream of first rate South Australian engineering graduates through his company's internship program.



At Mitsubishi Heavy Industries, we make much more than the world's largest and most advanced conventional submarines. We are one of the world's leading and most diversified industrial groups, with a proven track record in fields ranging from commercial aviation and transportation, to energy and the



The MHI Group also produces the MRJ (Mitsubishi Regional Jet).



environment, machinery, equipment and infrastructure, and integrated defense and space systems. Today, Australia is booming with ideas, and we want to contribute in every way we can — sharing ideas and technology to help make the nation more secure and prosperous for generations to come.



H-IIA/B rocket launch vehicles, and advanced Aegis-class destroyers.



## ▶ AIDN-VICTORIA

## AIDN-VIC NEW MEMBERS

AIDN-Vic welcomes the following 11 new members:



### 3M Australia Pty Ltd - - Personal Safety Division

3M is one of the world's leading manufacturers of a broad range of personal protective equipment designed to meet the workplace safety needs for all industries and situations.

Our global technology, manufacturing and knowledge network allow us to provide superior design, cross-over compatibility, expertise, comprehensive support and a continuously evolving range of safety solutions.

Our range of solutions for worker safety includes complete ranges of:

- Disposable, Reusable and Powered & Supplied Air Respirators
- E-A-R™ Earplugs
- PELTOR™ Passive Earmuffs
- PELTOR™ Electronic Communication Headsets
- Safety Glasses and Goggles
- Speedglas™ Welding Protection
- Environmental Monitoring and Detection Systems
- Scotchlite™ Reflective Material
- Fall Protection Solutions

Please contact:

Keith Hinson

ANZ Business Development Manager

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## Agent Oriented Software Pty Ltd

AOS provides strategic consulting, systems engineering and training services. Military simulation and synthetic environments form a major application area, covering a range of Live, Virtual and Constructive simulations, along with integration of complex behavioural models into existing physical simulations.

Knowledge transfer during these projects has enabled several key customers to independently continue development of these behavioural models following delivery.

Please contact:

Andrew Lucas

Managing Director

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## Collaborative ITS Consulting Australia (CICA)

Vision: To be the partner our customers rely on to guide them through the successful planning and delivery of complex technology projects. Collaborative ITS Consulting Australia Pty Ltd (CICA) as a business has been in operation since December 2012 however the CICA principals have more than 225 collective years of experience in the technical oversight, project management, and independent project assurance of complex and high risk infrastructure, defence and technology projects.

CICA consists of a team of dedicated specialists that combine many years of diverse industry experience operating at the highest level in the specification, design, procurement, development, testing, commissioning and operation of complex systems across Australia and internationally.

Please contact:

Peter Black

Principal Consultant

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[peter.black@collaborativeits.com](mailto:peter.black@collaborativeits.com)



## Francis Abourizk Lightowlers

Renown as one of Australia's leading technology, R & D / innovation and commercialisation law firms, Francis Abourizk Lightowlers (FAL) Lawyers combines legal expertise to develop commercial solutions that make long-term business sense for its defence sector clients.

FAL has long been engaged in providing advice on all legal issues that confront defence firms daily. We work with both local and global defence organisations and Australian universities in respect of regulatory requirements under US export controls, international regulatory requirements under ITAR and EAR; Defence Treaty Controls and compliance requirements of the Defence and Export Controls Office (under the Defence and Strategic Goods List) and Department of Foreign Affairs and Trade, in relation to Treaty requirements particularly in relation to the export of dual use goods and other goods covered under restricted export arrangements.

Founding partner Jenni Lightowlers leads FAL's defence practice.

Please contact:

Jenni Lightowlers

Partner

Phone: +61 3 9642 2053

jl@fal-lawyers.com



## HYDAC

HYDAC International is a world leader in Fluid Technology, operating in over 50 countries with more than 8,400 employees and 500 sales and service partners worldwide. HYDAC offers an extensive product range to cover all areas of fluid power including hydraulic and lubrication systems, hydraulic filtration, accessories, hydraulic Pumps, accumulators, valves, electronics, condition monitoring, process filtration, cooling systems and hydraulic cylinders.

With unmatched expertise and service, HYDAC is the competent partner throughout all industries, such as: Defence, mining, oil & gas, construction, agriculture, power generation and pulp & paper, just to name a few. Our focus is global presence and local competence to ensure we have local technical solutions available in most countries. HYDAC operates in Australia and New Zealand with world class technical sales engineering offices in Melbourne, Sydney, Newcastle, Brisbane, Adelaide, Perth and Auckland and a centre of excellence design, manufacturing and training centre in Melbourne.

Our technical training courses are nationally accredited and the only one of its kind in Australia offering practical training in a variety of topics, such as: Hydraulics, Accumulators and Thermal Optimisation. We also provide on-site reliability audit program, cleanliness solutions for oil & fuel, calibration services, engineering advice, bespoke design and drawings and hydraulic services.

Our products are locally engineered, manufactured and tested and they are under a quality system certified in accordance with ISO9001 and, most recently, we announced the ISO 29001 certification, which defines the quality management system for products and services in the oil & gas industry.

Please contact:

Peter Agius

National Sales & Marketing Manager

Phone: 03 9272 8907

info@hydac.com.au



Exceptional  
Workplaces\*

## Kimberly-Clark

The Efficient Workplace Programme from KIMBERLY-CLARK PROFESSIONAL\* is an innovative program that combines proven lean manufacturing principles with industry best practices and customised product solutions. Its designed to help you uncover the hidden opportunities that can make a big difference in safety and efficiency in the use of consumables. It helps you see industrial supplies through a different lens.

Please contact:

Claire O'Dowd

National Accounts / Government

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Claire.odowd@kcc.com



## NDZ Services

NDZ Industries Pty Ltd is full-service provider with Design, Engineering, Product Development, Project Management, Specialist CNC Machining, Fabrication, Installation, Maintenance and Repair capabilities.

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Tatjana Glogovac

General Manager

Phone: (03) 9357 0049

Email: mail@ndz.com.au



**powerjump technologies**  
australasia

## Powerjump Technologies Australasia Pty Ltd

Powerjump is a specialist electrical and electronics design vendor. We field a team of highly experienced electrical/electronic and mechatronic engineers.

Our clients include Ford/Sumitomo, Lear, Rio Tinto.ABB, Schneider, Lumen, Australian Helicopter and many more. We can provide contract resources, project consulting, sales, training and support of new system roll out.

We possess specific expertise in system level design to manufacture of industrial and automotive electrical harness.

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**RECTIFIER TECHNOLOGIES**

## Rectifier Technologies

RTP is an Australian company with a global presence. The design of switched-mode power converters is our core technology, and products based on RTP designs are widely used throughout the world in critical power applications.

Our innovative products have serviced the Industrial, Telecommunications, Utility, Standby/Backup Power, Rail, Renewable Energy, Defence and Emergency Power industries for over 20 years, providing high reliability power supplies.

Please contact:

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Group Director-Sales & Marketing

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**S.P. McLEAN  
ENGINEERING**



## SP McLean Engineering

S.P. McLean Engineering Pty. Ltd. is an innovative manufacturer of high quality stainless and carbon steel filtration solutions for aviation and industrial applications, as well as related structural components, platforms, hoppers and hand rails.

S.P McLean Engineering has been a specialist since 1999 in manufacturing components for the rolling stock industry. We are successfully managing complex and challenging requirements in a large production environment. Quality and on time deliveries are paramount to enabling us to remain the industry leader.

Please contact:

Steve McLean  
Director  
Mobile: 0438 084 702  
steve@spmclean.com.au



## Sterling Pumps Pty Ltd

Sterling Pumps is an ISO9001 certified Australian manufacturer of standard and custom-designed pumps, our manufacturing plant is based on the outskirts of Melbourne. Sterling provides a world-class product for a variety of heavy industry, oil and gas, mining, irrigation, fire and process industries. Our core product includes submersible pumps, sea water-lift pumps and surface mounted models with a variety of applications and flow rates.

Sterling has built and tested many pumps for many different needs such as: aircraft and ship re-fueling pumps, fire water pumps, submersible pumps, ballast pumps and custom built systems. These systems are designed by our in house team of engineers, documented and tested at our works to API 610, NFPA 20 or Australian standards.

Sterling's strength lies in its ability to design, machine and test any pump that it builds to ensure efficiency, the best price and customer satisfaction with the final product. Utilizing advanced manufacturing techniques and machinery Sterling is able to deliver the highest quality product on time and meeting specification requirements.

Please contact:  
Anton Merry  
Managing Director  
Phone: (03)5941 3400  
Anton@sterlingpumps.com.au

## ▶ AIDN-VIC MEMBERS' NEWS

### PENNANT CONFIRMS APPOINTMENT

Pennant is pleased to announce with immediate effect, David Stephan is appointed Director of Pennant Australasia Pty Ltd.

David brings to the role 30 years of Defence and Industry experience which includes 23 years with Pennant Australasia. David will support the highly successful Defence Aviation Training Academy project whilst continuing to develop our Integrated Logistics Support Software Services.



### PENNANT CELEBRATES 15 YEARS

Pennant Australasia Pty Ltd, a leading supplier of advanced integrated logistics software tools and advanced training solutions, is celebrating its 15th anniversary in Australia. As part of the Pennant International Group.

Pennant Australasia can trace its Australian roots back to the early 90's with the launch of our first generation of Logistics Support Analysis and modelling tools.

Since that time Pennant's commitment to our Australasian Defence and Industry customer has remained a high priority and led to the development of innovative and quality solutions for the Australian market.

Our recent successes have led to an expansion of our business with the introduction of products and services in the Advanced

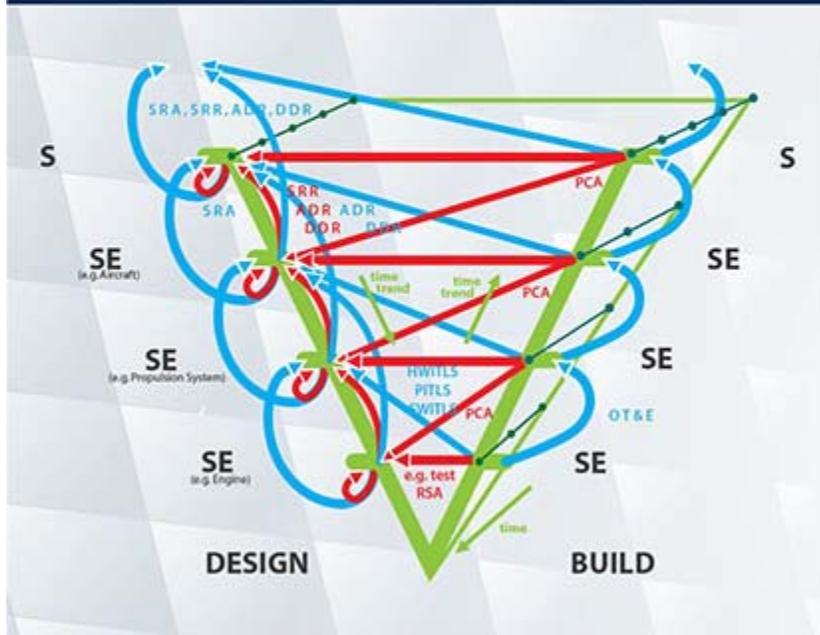
Technical Training arena, with Pennant now involved in several long term contracts with Defence and Industry partners.

Pennant Australasia is proud to support the Australian Defence Industry and look forward to supporting it for many more decades to come.

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PROJECT PERFORMANCE  
INTERNATIONAL

## BABCOCK INTERNATIONAL GROUP CHOOSE MADe™ FOR SUPPORTABILITY ANALYSIS

Australian software developer PHM Technology (PHMT) today announced that the Maintenance Aware Design environment (MADe™) software solution will be used by Babcock's Analytic Solutions business to provide engineering analysis in support of design optimization, asset data management, technical risk management and operational improvements for its customers.

A specialist consulting and software solutions business, Babcock's Analytic Solutions business has a deep subject matter expertise in asset management disciplines, and a commitment to innovative technologies; delivering enterprise wide performance improvements to asset intensive industries including defence, energy, utilities and transport.

"MADe™ offers a unique capability for model-based analysis of physical asset systems, one that integrates the necessary engineering analyses in one tool," said Dr Mark Parsons, Director at BAS "this means that we can offer a superior systems engineering insight to our customers with significant cost and schedule advantages for project execution."

"Babcock is a globally recognised brand in asset management based on their track record of delivering successful customer outcomes," said Mr Stecki, CEO of PHM Technology. "their decision to use MADe™ demonstrates that our technology offers unique analysis capabilities for advanced engineering companies and projects."



*LtoR Erika Hughes, Frank McGuire MP & Paul Hughes Integra Systems*

## INTEGRA LASER TECHNOLOGY LAUNCH BOOSTS PRODUCT DEVELOPMENT AGILITY

Progressive thinking, disruptive technology, results focussed collaboration and speed to market are the key drivers to manufacturing success in Australia. Recently an award winning, industry leading family business based in Melbourne's north, Integra Systems, announced its acquisition of fibre optic laser technology that will provide the market with speed, agility and responsiveness to ensure product development remains at the cutting edge in Australia.

With innovation as the cornerstone of Integra's culture, since 1991 Integra has enabled and empowered clients with fully integrated solutions from ideation to execution in key areas of industrial design, product design engineering, mechanical engineering and prototyping. This is then followed by empowerment through Integra's highly efficient in-house advanced manufacturing and metal processing systems and project management expertise.

The Honourable (Hon) Frank McGuire MP, Local Member for Broadmeadows and Parliamentary Secretary for Medical Research visited the Integra Systems facility in Broadmeadows to officially launch this new state of the art technology on behalf of Lily D'Ambrosio, Minister for Industry, Energy and Resources. "Integra Systems is demonstrating its forward thinking by investing in the cutting edge new technology which will enable it to expand its operations and provide an innovative service to manufacturers" says Lily D'Ambrosio.

At a time when segments of the manufacturing industry are in decline and under stress, businesses such as Integra are accelerating with their progressive and transformative approach. "Innovative thinking, space for creative experimentation and enabling technology to make it happen are essential ingredients to success" says Paul Hughes Managing Director of Integra Systems.

"This exciting acquisition will provide our clients with the responsiveness they need to remain competitive in a highly contested global market", says Paul. "Technology is advancing at a rapid pace and we make it our mission to ensure our clients are provided with the best technology and solutions available to enhance their business performance outcomes."

Like-minded collaboration between Integra, government, universities, industry advocates, suppliers and clients will ensure success in this industry in Australia.

The fibre optic laser technology has also empowered Integra with its own product development. It has enabled Integra to create a WorkSmart Collection of electronic sit stand ergonomic solutions that were also launched today. In particular the electronic sit stand desk converter called the Integra BioSmart, is an ergonomics game changer for the office environment.

To assist with the purchase of this technology, Integra was fortunate to receive funding from Melbourne's North Innovation and Investment Fund. The Fund was established by Victorian and Commonwealth governments and Ford Australia to grow

manufacturing and create jobs in Melbourne's northern suburbs.



*The NTP's Airborne Navigation Trainer aboard a RAAF B300 King Air aircraft.*



## AXALTA COATING SYSTEMS COATS LATEST GENERATION OF TRUCKS FOR AUSTRALIAN ARMY

The Australian Defence Force (ADF) has received its first medium and heavy-duty trucks in Brisbane, with coatings supplied by Axalta Coating Systems, a leading global supplier of liquid and powder coatings, under the Land 121 Phase 3B Defence program. The delivery of the first 12 trucks and 70 trailers are a landmark achievement for Axalta, as they are considered the world's most modern army vehicles designed to revolutionize the ADF's logistical capabilities.

"We are extremely happy that this successful delivery also happens at a time when Axalta is celebrating its 150 years of innovation, leadership and growth in the coatings industry. It is strong proof of Axalta's expertise and capability to serve our customers"

Axalta, working with Rheinmetall MAN Military Vehicles Australia (RMMVA), provides the entire supply chain for its paint products – production, supply, warehousing and distribution, both locally and internationally. To optimize application techniques and ensure quality control, Axalta also provides technical support and training for paint application.

"I am extremely proud of Axalta's achievements as part of the Land 121 program," noted Michael Cash, President of Industrial Coatings. "With painted components originating from up to a dozen global locations, Axalta's ability to assess site capabilities, design customized training, implement strict quality controls and establish efficient supply chains for its coating products, has ensured these cutting-edge military vehicles are delivered just as the Australian Defence Force had envisioned. Axalta has truly demonstrated our customer-focused capabilities through this project."

To create the Army's camouflage pattern on the vehicles, Axalta produces the entire suite of paints, including hardeners, thinners, primers and the colors required for the pattern. Complying with the Australian Paint Approval Scheme (APAS), all coating products are produced in Australia, then exported for application where the equipment is being manufactured. For such a highly specialized project, Axalta also developed customized product solutions, including special application techniques designed to improve cycle times and coating productivity.

"We are extremely happy that this successful delivery also happens at a time when Axalta is celebrating its 150 years of innovation, leadership and growth in the coatings industry. It is strong proof of Axalta's expertise and capability to serve our customers," added Cash.

The Land 121 program aims to replace the current fleet of Australian Defence Force vehicles, modules and trailers. RMMVA signed the Land 121 Phase 3B contract in 2013 to supply the Commonwealth of Australia with more than 2,500 medium and heavy military logistical trucks, all of which must be pre-treated and painted with Axalta's APAS certified paint.

The advertisement for the SE Workshop™ Systems Engineering in Practice is set against a dark red background with a faint image of a person working at a computer. The top left features the logo for EGGLER TECHNOLOGY TRAINING, which includes a stylized 'E' and 'G' icon. To the right of the logo, the text 'SE WORKSHOP™' is written in a large, bold, white font, with 'SYSTEMS ENGINEERING IN PRACTICE' in a smaller font below it. The main headline reads 'A NEW AND INNOVATIVE APPROACH BASED ON LEARNING BY DOING' in white, bold, uppercase letters. To the right of this headline, the text 'Designed by practitioners for practitioners' is written in a white, italicized font. Below the headline, there is a section titled 'The SE Workshop teaches a proven systems engineering methodology that can be applied to any technology domain.' followed by a paragraph stating 'Delivered by experts in the field, this hands on course develops knowledge, skills and understanding so that organisations can:' and a bulleted list of five points. To the right of this list is a 'Testimonial' section with a quote: 'I finally understand how to practically apply the systems engineering method in an integrated manner.' Below the testimonial is a table titled 'Course Dates' with columns for location and dates. At the bottom left, there is a dark red box with the text 'Specialising in Technology Training' in white. At the bottom right, there is a section titled 'Full course details at' followed by the website address 'www.ece.net.au/seworkshop'.

**EGGLER**  
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**SE WORKSHOP™**  
SYSTEMS ENGINEERING IN PRACTICE

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for practitioners*

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*'I finally understand how to practically apply the systems engineering method in an integrated manner.'*

**Course Dates**

|           |                    |
|-----------|--------------------|
| Canberra  | 11-15 July 2016    |
| Melbourne | 8-12 August 2016   |
| Sydney    | 5-9 September 2016 |
| Adelaide  | 10-14 October 2016 |
| Perth     | 7-11 November 2016 |
| Darwin    | 5-9 December 2016  |
| Brisbane  | 6-10 February 2017 |

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[www.ece.net.au/seworkshop](http://www.ece.net.au/seworkshop)

## BAE SYSTEMS APPOINTS AUSTRALIAN CHAIRMAN

BAE Systems Australia recently announced the appointment of Dr Ian Watt AO to the newly-created position of Non-Executive Chairman, Australia.

Dr Watt brings extensive knowledge of Australia's strategic challenges in Defence and Security, as well as an intrinsic understanding of Government at a Federal level. He has a career that spans nearly 20 years at the highest levels of public service, including as Secretary of the Department of Prime Minister and Cabinet. He also served as the Secretary of the Department of Defence, and was Australia's longest serving Finance Secretary.

Since leaving the public service in 2014, Dr Watt has taken up a number of Directorships, and currently holds Board roles with Citigroup, Smartgroup Corporation, O'Connell Street Associates, the Committee for Economic Development of Australia and the Grattan Institute where he is also the Chair of the Public Policy Committee. Dr Watt is also currently serving as the Chair of the National Innovation and Science Agenda Implementation Committee, as Chair of the Advisory Council for the University of Wollongong's SMART Infrastructure Facility and is a Member of Male Champions of Change.

Glynn Phillips, Chief Executive of BAE Systems Australia said of the announcement: "Dr Watt's depth of experience will help

guide our Australian business as we consider the opportunities to support the Government meet its strategic defence challenges.”

Guy Griffiths, Group Managing Director of BAE Systems’ International Operating Group also commented: “Australia continues to be a key growth market for the Group. The appointment of Dr Watt will help improve our engagement with Government so that we can continue to play a leading role in helping protect the nation.”

## BAE SYSTEMS TO CONTINUE AIRBORNE NAVIGATION TRAINING SUPPORT

BAE Systems Australia has secured a two year contract extension which will see the Company continue to provide through life support of the Navigation Trainer Project (NTP) for the Australian Defence Force (ADF).

The Company will provide maintenance and engineering support for the NTP’s Airborne Navigation Trainer and Synthetic Navigation Trainer systems until mid-2018.

The systems provide support for No. 1 Flight Training School, which trains the next generation of Royal Australian Air Force (RAAF) Air Combat Officers and Navy Aviation Warfare Officers at RAAF Base East Sale, Victoria.

BAE Systems Australia Aerospace Director Steve Drury said: “The NTP is critical to providing quality air combat and aviation warfare training for ADF aircrew. We’ve been sustaining these systems for 12 years and, in that time, have delivered systems availability at 100 per cent. We look forward to continuing to provide that high standard of training support to sustain ADF capability.”

Through life support is provided by BAE Systems’ maintenance team onsite at RAAF Base East Sale and is supported by its engineering team at Edinburgh Parks, South Australia.



## AEROSONDE UAV FITTED AS HYBRID QUADCOPTER

Textron Unmanned Systems has developed and successfully flown an Aerosonde 4.7 Small Unmanned Aircraft System (SUAS) fitted with Hybrid Quadrotor technology (below) which allows the aircraft to takeoff and land vertically, significantly increasing mission flexibility particularly when operating from small ships.

Aerosonde is headquartered at Notting Hill, a suburb of Melbourne, Australia where the Aerosonde UAVs are designed and manufactured.

AAI, the UAV division of Textron, purchased it several years ago. Changes for the VTOL capability involved Latitude Engineering, a US company which has developed several hybrid quadcopter UAVs.

Textron says the system retains the efficiency, speed and endurance of the standard Aerosonde 4.7 but with the addition of VTOL capabilities as well as its service proven abilities but within a smaller, more portable footprint. The VTOL enabling engines are battery powered.

It also said that with the potential to add VTOL capabilities its mission possibilities are “almost endless”.

The system could be launched from the smallest operational areas which add an array of applications. The Australian Navy is currently planning to evaluate seeking ship borne VTOL UAVs. Aerosondes have flown more than 130,000 hours. Source: APAR

## AUSTRALIAN NAVY TO ACQUIRE SENTIENT KESTREL VIDAR SYSTEM FOR A SCAN EAGLE UAV

The Australian Navy will acquire a Sentient Kestrel VIDAR maritime surveillance system for installation in an Insitu Scan Eagle according to the manufacturer of the equipment.

The planned acquisition was revealed in a pre-AUVI 16 trade show event in New Orleans. The equipment has also been

ordered by Cobhams for installation in the Bombardier Challenger 604s being fitted out for its Australian Maritime Safety Authority contract.

Sentient enables an aircraft to carry out surveillance over an area 80 times greater than an aircraft not fitted with the equipment.

The manufacturer said that last year an Australian Navy Insitu Scan Eagle was fitted with the equipment and during a trial 10.5- hour flight along the New South Wales coast surveyed 13,000 square miles of ocean.

When fitted to a Scan Eagle the equipment requires two fuselage plugs fore and aft of the wing as well as an additional tail fin.  
Source: APAR

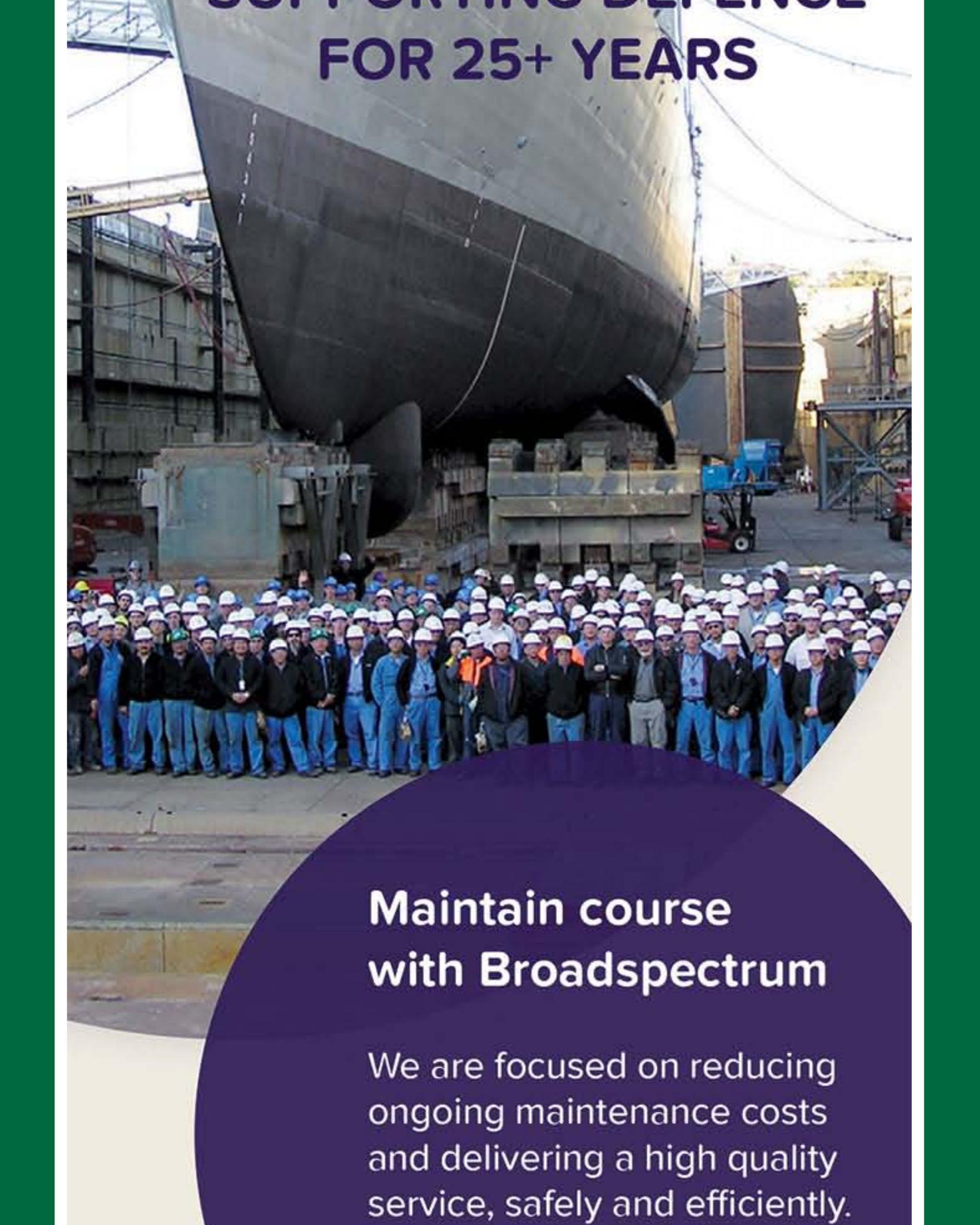


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A large group of workers, many wearing white hard hats and blue work clothes, are posed for a group photo in a shipyard. They are standing in front of a massive, dark-colored ship hull that is being worked on. The background shows industrial structures, cranes, and other parts of the shipyard. The scene is brightly lit, suggesting an outdoor or well-lit indoor environment.

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## BAE SYSTEMS WELCOMES MULTI-BILLION DOLLAR INDUSTRY ALLIANCE ON SHIP SUSTAINMENT

BAE Systems Australia welcomed the signing of a new sustainment agreement between the Australian Government and the Defence Industry to support the Royal Australian Navy's ANZAC class frigate fleet.

The partnership, which includes BAE Systems Australia, Saab Australia Pty Ltd, Naval Ship Management Pty Ltd and the Commonwealth of Australia, is valued at over \$2 billion over eight years - at the heart of which is the Royal Australian Navy's (RAN) requirement for improved capability and availability of the fleet.

BAE Systems involvement in the alliance, known as the Warship Asset Management Agreement (WAMA), will ensure the Company continues to play a leading role in the sustainment of Australia's surface fleet.

Many of BAE Systems maritime facilities will contribute to the program including asset management in Rockingham (Western Australia), platform engineering and integration support in Williamstown (Victoria), and major refit and upgrade implementation at Henderson (Western Australia). The initial eight year agreement period begins on 1 July 2016.

The WAMA includes a Life of Type Assurance Program (LOTAP) for the frigate fleet which will begin next year with the first ship, HMAS Perth. The scope of work includes improving the ship's engines, propulsion, lighting, heating, cooling, communications systems. The work will begin in April 2017 at Henderson. The first \$107m phase of this program has been awarded for the design and long-lead procurement to commence.

BAE Systems Australia Chief Executive Glynn Phillips said: "This new alliance is a demonstration of how the industry can work together to deliver the support the Royal Australian Navy requires. It ensures that the ANZAC class ships will be supported for the remainder of their naval service, allowing the capability to be in place until they are replaced by the Future Frigate fleet.

"Our work on this program will allow BAE Systems to retain important skills in engineering and program management across the country that will contribute to our proposed work on the Future Frigates program for which we have been down selected.

"Our involvement in this alliance reflects the outstanding work that we have been doing to date in the sustainment of the ANZAC class fleet, and the upgrade of these frigates with a world leading Anti-Ship Missile Defence (ASMD) capability at our Henderson shipyard."



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## ADF UNIFORMS SUPPLIER BUCKS THE TREND

Bendigo and Melbourne based apparel manufacturer ADA has defied manufacturing sector trends, reporting a 12.5 per cent increase in staff over the past 12 months. The company is now operating the largest dedicated uniform manufacturing facility in Australia out of Bendigo.

ADA CEO Matt Graham said that ADA's Bendigo factory has long been a quiet achiever, opening in 1991 with just 40 employees, and now employing more than 100 people all of whom live in Bendigo or within 20 kilometres of the city.

"ADA has a strong commitment to the long-term sustainability and capability of Australian manufacturing", Graham said. "Our Bendigo factory now manufactures more than 1.5 million garments every year, and has supplied over 5 million garments to clients around the world over the last 10 years."

"So we see our future as a Victorian apparel manufacturer as prosperous and exciting", he said.

While Victoria has traditionally held the mantle as Australia's textile manufacturing capital, competitive pressure from imports has meant the sector has suffered 25 per cent decline over the past five years.

"ADA has continued to thrive in Australia's flagging manufacturing sector because we place emphasis on, ideas, innovation and incorporating new global technologies into our business", Graham said.

"With a 100-year history of creating uniforms designed to keep our armed services safe, we are now also applying our expertise to make work safer for Victoria's police force, ambulance workers, and utility workers," he said.

ADA is now a commercial company, emerging from what was previously the Commonwealth Government Clothing Factory – which began operating in 1912 and was responsible for the manufacture and supply of uniforms to Australia's fighting forces through two World Wars.

Today, ADA continues to support the Australian army with top-quality uniforms, designed for agility and safety. And with the ADF predicted to significantly increase its uniform orders over the next three years, Bendigo Factory Manager, Kerry Hodges, believes that the future for ADA in Bendigo is looking bright.

"ADA's Bendigo factory is about to enter a period of rapid growth over the next 6-12 months, mostly due to a significant increase in orders from the defence sector over the next three years," Hodges said.

"We have over 80 seamstresses working in our Bendigo factory making ADA uniforms, knowing that their purpose is creating something that helps people get home from work safe each day," she said. [Courtesy of ADM](#)

## DASSAULT SYSTEMS CONGRATULATES DCNS AND AUSTRALIAN GOVERNMENT ON HISTORIC NAVAL DEFENCE COLLABORATION

France-based DCNS was awarded a multi-year contract by the Australian government for the design of 12 future submarines for the Royal Australian Navy. DCNS, whose naval systems are recognised worldwide for their operational, innovative multi-mission capabilities, is using Dassault Systèmes' 3DEXPERIENCE platform to manage the entire lifecycle of its products, from concept through engineering, to build, maintain and operations services.

DCNS must manage extreme complexity and high-level integration to provide its clients, industrial systems and equipment partners, and supply chain with the most modern cooperation tools and digital interface. Adopting marine and offshore industry solution experiences based on the 3DEXPERIENCE platform provides the major catalyst to increase capacity and flexibility as well as the most competitive and efficient solutions.

This is a historic international achievement for DCNS. Dassault Systèmes is the technology partner of choice to accompany global industrial innovators on large-scale, long-term international projects, and will closely collaborate with Australian subcontractors on this program. The 3DEXPERIENCE platform enables pioneers in their respective marine and offshore segments to virtually experience next generation concepts for the open seas before a structure reaches the water, from one of the world's major cruise ship builders, to the leading international classification society, to high performance competitive sailing teams.

## L-3 AUSTRALIA ANNOUNCES OPENING OF NEW FACILITY IN CENTRAL MELBOURNE

L-3 Australia announced recently its plans to open a new Design, Engineering and Support facility in South Wharf, Melbourne, Victoria. The South Wharf facility will house design and support engineers and includes a state-of-the-art communications system laboratory that will provide a testing and support environment for the Royal Australian Navy's submarine and surface fleet. The new facility is a critical part of L-3 Australia's growing presence in maritime communications and electronic systems integration, along with ongoing support to current and future L-3 programs in the region.

"We are pleased to announce that L-3 Australia will be a proud contributor to the South Wharf community, with this new facility leading our ongoing efforts to best support Australian operations," said Alan Titheridge, corporate vice president of L-3 Australia Operations. "Victoria's highly skilled workforce is a rich source of talent that enables L-3 to build upon our extensive national support base. The opening of this new facility reaffirms our long-standing partnership with the Australian government and local industry, as well as our commitment to broaden access to L-3's products and services."



## ADF TAKES DELIVERY OF FIRST LAND 121 3B VEHICLES

The ADF has officially received the first trucks and trailers from two Australian companies on behalf of the Commonwealth as part of project Land 121 Phase 3B.

Assistant Minister for Defence Michael McCormack recently congratulated Rheinmetall MAN Military Vehicles Australia and Haulmark Trailers Australia on the delivery of the vehicles and trailers.

"I am delighted to accept today on behalf of the Australian Government the first 12 trucks from Rheinmetall MAN Military Vehicles Australia and the delivery of more than 70 trailers from Haulmark," Assistant Minister McCormack said.

"The \$3.4 billion project will deliver a range of modern medium and heavy trucks, modules and trailers which will revolutionise the ADF's tactical logistics capability now and well into the future."

Phase 3B of the program will replace the Unimog, Mack and S-Liner fleets, translating to the delivery of approximately 2,700 trucks, 3,800 modules and 1,700 trailers.

"Today's deliveries are on time, on budget and will provide a significant enhancement to Defence's logistics capability by offering increased protection, larger payloads and enhanced off-road mobility," Assistant Minister McCormack said.

"Approximately 40 per cent of these trucks will be supplied with enhanced ballistic and blast protection for our deployed

soldiers.

"Some trucks will also have an innovative integrated load-handling system which will enable the operator to remain protected inside the cabin while loading and unloading cargo.

"As part of the Army's digitisation program, all of the trucks will be fitted to accommodate the ADF's Battle Management System as well as a suite of military radios."

Assistant Minister McCormack said the local activity involved in this project is contributing to building and sustaining Australian industry capability and creating jobs and growth opportunities.

"There is a wide range and utilisation of Australian capability throughout the course of the project including design, development and manufacturing right through to provision of through-life support services including maintenance, engineering and supply support."

Haulmark Trailers Australia is a proven and trusted Australian Defence industry partner, having recently delivered almost 2,000 trailers to accompany Defence's G-Wagons under Land 121 3A.

Rheinmetall has engaged a range of local Australian companies to deliver fully integrated truck and module mission systems.

Other Australian companies engaged in the project as subcontractors to Rheinmetall are G.H Varley from Newcastle; RPC Technologies and Thales Australia, both from Sydney; Sea Box International from Canberra; and Holmwood Highgate and Penske Commercial Vehicles both from Brisbane.

## SIEMENS HELPS AUSTRALIA'S 'INNOVATION AGENDA' WITH TRANSFORMATIVE TECHNOLOGY AND UNIQUE PARTNERSHIP

- \$2.5m high temperature super conducting technology and research agreement – transferred from Germany to Australia – supporting Australia's 'Innovation Agenda'
- Three way partnership with Defence Science & Technology Group, Queensland University of Technology (QUT) and Siemens
- High Temperature Superconductor Technology (HTS) potential applications include transforming large scale motors (reduced size and weight by one third), through to levitation of trains, more efficient electric motors for cars and remote power generation
- Improved bilateral relations between Australia and Germany – technology and IP transfer and partnership for commercialization

Recently Assistant Innovation Minister Wyatt Roy and Siemens CEO Jeff Connolly unveiled prototype high temperature super conductor technology, which Siemens transferred from Germany into a partnership with Defence Science & Technology Group and QUT.

The ceremony took place at QUT and marks a significant step forward in Australia's innovation journey with global partnerships. Considered to be a transformative technology, the \$2.5 million dollar investment includes Siemens' equipment which will be used to explore applications for Australia's maritime defence and industrial power requirements. The intent is to transition research findings into technology that can be trialed at sea.

Assistant Minister for Innovation Wyatt Roy, commended the initiative and positive implications that the research partnership will have on an array of Australian industries:

"This partnership between QUT, Siemens and the Defence Science and Technology Group highlights the meaningful, world-changing innovation that can come from collaboration between research, the private sector and government," Mr Roy said.

"It's also a strong sign of the confidence in Australia's innovation ecosystem," he said.

Siemens Australia CEO, Jeff Connolly, said the unique partnership reinforces Siemens' legacy of Australian investment and exemplifies the benefits of defence knowledge transfer and strong bilateral relations between Australia and Germany.

"This is a proud moment for Siemens. We have invested over 15 years HTS knowledge from Germany and together with local industry partners we are transferring that knowledge to Australia and helping the nation revolutionise how power is used in maritime defence, shipbuilding, power and transport."

"Our ability to continuously innovate as a nation hinges on the availability of technology and infrastructure that can facilitate and support the 'ideas boom'. It relies on doing things quicker, more cost effectively and with minimal impact on the environment," said Mr. Connelly.

For the Australian Navy, this partnership opens a pathway to more energy-efficient vessels with significant leaps forward in size, weight and capacity. HTS will also mean less environmental impact and reduced operating costs

HTS technologies under development today in superconducting motors, generators and magnets can carry high-density currents with virtually no loss and have the potential to reduce the size and weight of conventional motors by more than 30 per cent.

“This first innovation launched out of our partnership gives people a clear view of the potential for more energy-efficient ships and more effective capacity utilisation. These ships will also have less environmental impact and will be cheaper to operate,” Mr. Connolly said.



## BOOST FOR REGIONAL MANUFACTURING AS ORICA AND THALES TEAM UP

Thales and Orica, the world’s largest provider of commercial explosives, have signed a 10-year contract for Thales in Australia to produce five million explosive boosters each year, in a deal that is good news for regional manufacturing.

Boosters are small explosive devices that help detonate larger charges, and are used extensively across Australia’s mining and construction industries.

The new contract with Thales will replace imported products with Australian ones, and strengthens Orica’s leading position in this market.

The order will increase manufacturing activity at the Benalla (Vic) and Mulwala (NSW) facilities operated by Thales, including the establishment of a new multi-million dollar production line for the boosters, designed and built in Victoria. The boosters themselves are an advanced new product designed by Orica.

“At a time of ongoing economic uncertainty, this is a great result for manufacturing in regional Victoria and New South Wales,” said Thales in Australia CEO Chris Jenkins. “Not only are we increasing employment and production levels at the sites, we’re also giving a leading Australian company committed to technology and innovation the reassurance of a high quality supply chain based in this country. Credit to Orica for investing in local skills and local manufacturing. We would also like to thank the Department of Defence for their strong support of this initiative.”

Orica CEO Alberto Calderon said: “The agreement with Thales will make Orica even more competitive in Australia, with better quality booster products. It will enhance security of supply for our customers, and be more efficient for Orica. Solidifying a deal with Thales, with its reputation and leadership in technology and innovation, is an excellent strategic fit for Orica. In addition, sustaining jobs in regional Australia as a result of this agreement is a very positive flow-on benefit for the broader community.”

The new contract sustains around 100 jobs. Approximately 200 people currently work at Benalla, and 400 at Mulwala. Key Australian component suppliers will also benefit through increased annual orders from Thales as a result of the deal.



## FINMECCANICA TO BECOME LEONARDO

Italian aerospace and defence conglomerate Finmeccanica will change its name to Leonardo by January 1, 2017, giving its helicopter division (the former Agusta Westland) its third name in a year.

A recent shareholders meeting agreed to the name change, inspired by the man considered Italy’s greatest technical thinker and futurist, Leonardo Da Vinci. During his life from 1452 to 1519 he envisioned, among other things, helicopters and armoured

tanks.

Initially deciding to move to Leonardo, Finmeccanica will now market itself as Leonardo Finmeccanica until December 31 to ensure the required continuity and communication in relationships with foreign countries.

Leonardo Finmeccanica's helicopter division builds the (formerly Agusta Westland) AW139, which is becoming increasingly popular in Australia in the emergency services field, operated by both Australian Helicopters and Toll Group.

Its aircraft division supports fighter, trainer, transport and aerial surveillance aircraft, while the aero structures division provides structures for Boeing's 767, 777 and 787 and the Airbus A320, A321 and A380.

The company has annual revenues of around 13 billion Euros (A\$20 billion) and employs more than 47,000 people worldwide. Source: [Aviation Business](#)

## SUMMER INTERNSHIPS YIELD NEW MECHANISTIC MODELLING PROGRAM

The successful development of a new mechanistic modelling program and user interface for the optimisation of drill-point geometry has reinforced the value of DMTC's summer internship program.

Under the leadership of Dr Steve Dowey of industry partner Sutton Tools, undergraduate students set out to create a mechanistic modelling program designed to predict the thrust, torque and power while undertaking drilling operations.

The team's objective was to correct any errors found in previous published models and to further study and derive accurate cutting force information for the required materials.

The team first ensured convergence of the models, then validated the model against production and experimental data. Finally, they used non-linear optimisation algorithms to optimise drill geometry.

Based on the acquired data, the team developed an optimisation program that specifies the drill geometry with minimum thrust requirements. They then created a user interface.

The software developed is open source and the algorithms have been modified to use published data for specific cutting forces. This program has broad application beyond the specific materials tested.

Further work is required to verify the optimised drill geometry with experimental drill tests to validate this model. Future models could then be expanded to include more complex drill features such as curved cutting lips as well as additional drill designs.

This work showcases the importance of DMTC summer internships with industry partners.

## MARAND GROWS GLOBAL FOOTPRINT IN F-35 PROGRAM

AIDN-Vic member, Marand Precision Engineering, has been selected as the supplier for a global contract to build full size F-35 Joint Strike Fighter (JSF) training aids for program partners to use world-wide.

This achievement will see Marand as the sole supplier to prime contractor Lockheed Martin, for the detailed design and manufacture of the F-35 Engine and Lift Fan Removal and Installation Trainer (ELFRIT).

Head of the Joint Strike Fighter Program within the Capability Acquisition and Sustainment Group (CASG), Air Vice-Marshal (AVM) Leigh Gordon, said Marand had been an industry leader in the program so far.

"Marand has been an extraordinary performer in the global F-35 program already, manufacturing the F-35 vertical tails, being the original equipment manufacturer for the complex F-35 engine trailer, supplying thousands of production tools and now sole supplier for the ELFRIT," AVM Gordon said.

Acknowledging the successful and increased participation of Australian industry overall on the global F-35 program, AVM Gordon said Defence expects there will be further opportunities within Australia to provide regional and global support for F-35 systems and components.

"Australian companies have been successfully awarded \$US554.5 million worth of production and development contracts as at December last year," AVM Gordon said. "This figure represented an increase of almost 30% over the previous 12 months."

"As the global F-35 program continues to mature, Australian companies who have been awarded contracts for F-35 production work will be in good stead to compete for future opportunities above the initial contracts awarded."

Defence estimates that Australian industry contribution to the F-35 program production, subject to continued industry competitiveness, will reach \$US2 billion by 2022-23, with further opportunities anticipated beyond this time.

The F-35 program demands industry provides continuous quality and value to keep their place in the supply chain which in turn is driving outcomes in capability and affordability for global F-35 partners and customers including Australia.

“Australian industry success in the F-35 global supply chains reflects the intent of the recently released Defence Industry Policy Statement particularly in regards to driving competitiveness and export potential,” AVM Gordon said.

This announcement builds on recent significant achievements for Marand including multiple F-35 contracts and a prestigious award from Head of the Australian JSF Program for exceptional leadership and industry contribution in the F-35 Program.

## ▶ AIDN-WESTERN AUSTRALIA



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## ▶ AIDN-WA MEMBERS' NEWS

### U.S. NAVY FUNDS ADDITIONAL LITTORAL COMBAT SHIP

Austal Limited (Austal) is pleased to announce construction of one additional Littoral Combat Ship has been funded by the U.S. Navy.

LCS 26 will be the eleventh Independence-variant Littoral Combat Ships built by Austal as prime contractor, with the U.S. Navy exercising an option in addition to Austal's existing 10-vessel block-buy contract. Funding for LCS 26 has been confirmed by the US Navy as not to exceed the congressional cost cap of US\$564 million increasing Austal's order book to approximately A\$3 billion.

Austal Chief Executive Officer Andrew Bellamy said: “It is pleasing to see the Navy's ongoing confidence in Austal's ability to produce these high quality vessels.

“We are working hard to increase production efficiencies and reduce costs as the program matures and look forward to constructing the newly funded ship, which secures work at our US shipyard through to CY2021.”

Austal has seven LCS at various stages of construction at its shipyard in Mobile, Alabama, under a 10 vessel, US\$3.5 billion contract the U.S. Navy awarded to Austal in 2010. With the U.S. Navy also exercising its option to fund LCS 26, the total Independence-variant LCS constructed by Austal will be 13 ships; 2 as subcontractor (LCS 2 and LCS 4) and 11 as the prime contractor (LCS 6 onwards). Three LCS have been delivered.

Meanwhile, Austal is also progressing well under its \$1.6 billion contract to construct ten 103-metre Expeditionary Fast Transport (EPF) vessels for the U.S. Navy. Six EPF have been delivered, with the remaining vessels under construction at Austal's US shipyard. Austal is also procuring long-lead materials for EPF 11 under an additional contract with the U.S. Navy.

# Defence Trade Control Act

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The Defence Trade Controls Act 2012 (DTC Act) came into force on 2 April 2016. This will change the way business is done in the defence sector.

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If you transact in the defence industry, with information, hardware, technical data and/or services related to an item that has been manufactured or modified for a military application you need to ensure your company's compliance. Take steps to ensure you are compliant with the new DTC legislation.

Contact us today for assistance.

[www.goalgroup.com.au/itar-compliance](http://www.goalgroup.com.au/itar-compliance)

## PACIFIC PATROL BOATS

The Prime Minister announced on 18 April the combined first and second pass approval for the replacement Pacific Patrol Boats. Austal Ships Pty Ltd has been selected as the preferred tenderer to construct and maintain up to twenty-one replacement steel-hulled Pacific Patrol Boats in Henderson, Western Australia.

Subject to negotiations, this program is estimated to be worth more than \$500 million and will directly create over 130 jobs.

Austal proposes to conduct support of the replacement Pacific Patrol Boats including deep maintenance from Cairns, Queensland. In total, through-life support and sustainment (including deep maintenance) for the Pacific Patrol Boats is valued at a further \$400 million over the life of the boats.

## NSM JOINT VENTURE WILL CONTINUE TO PROVIDE LONG TERM MAINTENANCE SUPPORT SERVICES FOR ANZAC CLASS SHIPS

UGL Limited recently announced that Naval Ship Management (Australia) Pty Limited (NSM), a 50:50 joint venture between UGL and Babcock Pty Limited, has entered into the Warship Asset Management Agreement (WAMA) with the Commonwealth of Australia to provide long term maintenance support services for the ANZAC Class Ships. WAMA is part of a wide-scale reform of the long-term sustainment of the ANZAC Class Ships which will deliver a more efficient and cost-effective solution to the Commonwealth in sustaining these critical Defence assets. Under the alliance agreement, BAE Systems Australia Defence Pty Limited (BAE), Saab Australia Pty Limited (Saab), NSM and the Commonwealth will provide maintenance, capability enhancement and sustainment services for the fleet.

This evergreen agreement will extend over the life of the ANZAC Class Ships which are expected to remain in service for a period of at least 15 years. Following a transition period of 18 months commencing on 1 July 2016, a Program Agreement will be established under WAMA, covering scope of work for a period of five years. It is expected that NSM's revenue associated with this initial period, including transition and the first Program Agreement to be in excess of \$500 million (UGL share in excess of \$250 million). Subsequent program agreements will be awarded under WAMA, subject to the achievement of certain

KPIs.

NSM's existing agreement to provide ship repair and maintenance services under the ANZAC Ship Group Maintenance Contract (GMC) will be terminated as part of the transition to WAMA, with services currently delivered under the GMC to be provided under WAMA's Program Agreement.

UGL's CEO Ross Taylor said: "UGL is very pleased that NSM, along with alliance partners BAE and Saab, will continue to provide services to the Naval fleet of ANZAC Class Ships in partnership with the Commonwealth." "The ongoing success of NSM is testament to UGL's depth of experience in maintenance and asset management combined with Babcock's expertise as the UK's leading naval support business.

NSM provides UGL with a meaningful footprint and credibility in Australian Defence to seek growth opportunities within this sector. "UGL, in joint venture with Babcock, looks forward to working in alliance with the Commonwealth, to deliver an efficient and cost-effective solution in the long term sustainment of the ANZAC Ships."

## ▶ DEFENCE & SECURITY NEWS

### BAE SYSTEMS DELIVERS SIGNIFICANT UPGRADE TO ANZAC FRIGATE

BAE Systems Australia has undocked the sixth ANZAC Class frigate of the eight vessel Anti-Ship Missile Defence (ASMD) program demonstrating an important maritime industry capability that has been developed at the facility.

After successfully program managing 600,000 hours of complex systems integration and engineering work on the hard stand at the Henderson facility, HMAS Parramatta will now begin the Test and Trials phase of the project.

Ship seven, HMAS Toowoomba is mid-way through her upgrade and HMAS Stuart will be docked next month so that work can begin on the final ship.

Under the ASMD program, each ship's combat management system is being upgraded and a new infrared search and track system is being introduced, together with a new dual navigation radar. At the same time as each ship is receiving its ASMD upgrade, a number of other significant engineering and structural changes that are unique to each vessel are also being made. These include enclosing the quarter deck, galley refurbishment and modifications to accommodate combat helicopters.

Across the ASMD program around 30 local and national subcontractors and more than 100 Australian suppliers are involved in the ASMD program, demonstrating BAE Systems' commitment to enhancing the Small to Medium Enterprises within Australia that further strengthen Australian Defence Capability.

BAE Systems Australia Chief Executive, Glynn Phillips said:

"The work we're doing at Henderson demonstrates the quality of our engineering, program management and builds on the flexibility of Australian industry capability that is only possible with an experienced Australian maritime defence provider. Our highly skilled workforce is at the core of our capability, ensuring that the project achieves the quality, cost and schedule milestones despite the enormous complexity of such work. Our team, together with our ANZAC Alliance partners, is very proud to support the Royal Australian Navy and its efforts by successfully implementing a world leading defence capability."

The project is being undertaken through the Anzac Ship Integrated Material Support Program Alliance comprising BAE Systems, Saab Systems and the Defence Department's Capability and Sustainment Acquisition Group. The size and scale of the project is considerable. Much of the equipment and operating systems are removed from each ship which is then rebuilt in a program that has taken several years and which is on schedule and on budget.

### NEW CONTRACT BIDS FOR AEROSPACE SUPPLIERS

Boeing and the Commonwealth have agreed to extend and expand the company's critical support for Australian aerospace suppliers with new contract bid opportunities.

Building upon a past agreement that placed significant work packages with Australian industry, the new two-year contract with the Defence Strategic Policy and Intelligence Group will continue to grow the nation's aerospace support capabilities and ensure Australian innovation remains a valuable component of the global aerospace supply chain.

Through Boeing's Office of Australian Industry Capability, Australian companies have won more than \$350 million in supplier contracts since 2007. Those contracts primarily supported Boeing's commercial and defence programs.

Based on business requirements, new contract bid opportunities for Australian suppliers could also include research and

development programs, training and support, and work packages from Boeing's non-Australian suppliers.

"It is especially gratifying as the first OEM to participate in Defence's Global Supply Chain Program that we are able to renew this important agreement during our centenary year," Syd Blocher vice president of Boeing Defence, Space & Security Global Sales and Marketing for Australia & Southeast Asia said.

"The suppliers we work with across Australia have proven they have what it takes to compete for and win new business in our highly complex industry, and we hope to bring even more Australian companies into our global supply chain."

In addition to contractual work, Australian companies will continue to benefit from Boeing expertise in lean manufacturing, program management, proposal writing and marketing as part of the company's commitment to mentor and grow small and medium-sized enterprises. [Courtesy of ADM](#)

## KBR AWARDED CONTRACT AS TRAINING SERVICES PROVIDER FOR LANDING HELICOPTER DOCK SHIPS

KBR, Inc. announced recently that it has been awarded a five year contract by the Royal Australian Navy (RAN) to provide the training services for the Canberra Class Landing Helicopter Dock (LHD) ships in Sydney, Australia.

In collaboration with the RAN, KBR's Training Solutions Team will evolve the current LHD transition-into-service training system into a world class sustainment training system that produces ships' crew who are qualified and ready to perform their roles the moment they join the ships.

The new RAN training facility in Sydney will use more simulation and emulation in a modern training system, using a blended approach in a contemporary learning environment.

The LHD ships are the largest vessels ever constructed for the Australian Defence Force. HMA Ships Canberra and Adelaide can each transport over 1000 troops, 100 armored vehicles and 12 rotary wing aircraft.

"KBR has a long history of delivering innovative training solutions to defence and government agencies and we are pleased to continue our successful partnership with the Royal Australian Navy," said Rob Hawketts, Vice President, Government Services Asia Pacific.

KBR is a leader in the delivery of major projects and solutions to government, defence, resources and infrastructure clients in Australia, the Asia-Pacific (APAC) region and around the world. KBR's Government Services APAC business is headquartered in Canberra.

Expected revenue from the contract will be included in the second quarter 2016 backlog of unfilled orders for the Government Services segment. The contract value was not disclosed.



## ▶ GENERAL NEWS

### ENVIRONMENTAL WORKING GROUPS

Environmental Working Groups are administered through the Govdex website. Registrations for attendance, meeting agendas and useful environmental information such as Capability Development contact officers can be undertaken/sourced at this site.

For members who are not already members of the EWGs via Govdex please contact AIDN admin@aidn.org.au for assistance with registration.

Aerospace Environmental Working Group (AEWG)

The last AEWG was held on Friday 29 April 2016 in Canberra. This AEWG focused on the 2015 Defence White Paper, Integrated Investment Programme, the progressive implementation of First Principles Review and Plan Jericho. More details will be provided on Govdex. The date for the next meeting will be advised when known.

#### Land Environmental Working Group (LEWG)

The last meeting of the LEWG was held on Wednesday 6 April in Canberra. The second meeting will be held in Adelaide in conjunction with Land Forces Conference in September.

#### Maritime Environmental Working Group (MEWG)

The last MEWG was held on Friday 8 April 2016 in Canberra. The date for the next meeting will be advised when known.

#### C4ISREWG Environmental Working Group

The C4ISREWG Environmental Working Group meeting was conducted 09 September 2014 in Canberra. The date for the next meeting will be advised when known.

#### Synthetic Environmental Working Group (SEWG)

The last SEWG was held on Thursday 17 March 2016 at "The Common Room", University House ANU in Canberra. The date for the next meeting will be advised when known.

## PERSONNEL CHANGES

Rod Kenafacke, BAO for Victoria and Tasmania has moved on and so has Kate Surian. Victorian companies should Free call 1800621783 or email [casg.baonetwork@defence.gov.au](mailto:casg.baonetwork@defence.gov.au) for assistance

THE NEW HEAD of Aerospace in the Australian Department of Defence's Capability and Support Group is Air Vice Marshal Cath Roberts. She replaced AVM Leigh Gordon who is now Head Joint Strike Fighter. Previously AVM Roberts was director general of the Joint Strike Fighter acquisition and sustainment.

New Chair for International Air Services Commission University of New South Wales lecturer Dr. Ian Douglas been appointed as chairperson of the International Air Services Commission, the independent statutory authority that allocates capacity entitlements to Australian airlines for the operation of international airline services.

## ▶ UPCOMING ACTIVITIES

### CIVSEC 2016 – Civil Security and Civil Defence

Date: 31 May – 2 June

Location: Melbourne

Web: [www.civsec.com.au](http://www.civsec.com.au)

Email: Chris MacFarlane  
[expo@amda.com.au](mailto:expo@amda.com.au)

CIVSEC 2016 is a major international showcase of technologies, expertise and ideas in the fields of civil security and civil defence. It will address the complex and increasingly important and inter-related challenges of border control, law and order, terrorism prevention and disaster response and relief management. The forum will bring together experts, innovators and government professionals from throughout Australia, the Indo-Asia-Pacific region and indeed the world.

### D+I CONFERENCE 2016

The 2016 Defence and Industry Conference will be held on Wednesday 15 June at the National Convention Centre Canberra.

Kim Gillis, Deputy Secretary Capability Acquisition and Sustainment Group (CASG), stated that the conference provides a platform for government-to-business and business-to-business interactions.

[Click Here](#)

### ADM's Defence Cyber Security Summit

Date: 21-22 June 2016

Location: Hotel Hyatt, Canberra

Organiser: Information with ADM

Website:  
[www.admevents.com.au/defence-conference/cyber-security-conference](http://www.admevents.com.au/defence-conference/cyber-security-conference)

The annual Cyber Security Summit is Australia's only Canberra-based annual Defence conference. This pre-eminent gathering has featured keynote addresses from the Minister for Defence, the Chief of the Defence Force, Chiefs of both the Army and Navy, and the Deputy Secretary and First Assistant Secretary from the newly created Capability Acquisition and Sustainment Group. Budgetary analysis will be provided by ASPI, and industry perspectives will be delivered by CEOs of the nation's leading defence suppliers.

Land Forces 2016

Date: 6-8 September 2016

Location: Adelaide Convention Centre

Organiser: Land Defence Australia

Website: <https://www.landforces.com.au>

A broad range of conferences, symposia and forums will be conducted in conjunction with the Land Forces trade show. See the website for more details about the various programs and trade show details.

For more details on overseas events please check the AIDN web site under Whats News/Defence Information.

Contact your local AIDN Chapter for more info on the above activities:

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[admin@aidn-wa.org.au](mailto:admin@aidn-wa.org.au)

## Have you got a story or a news item to tell?

Anything from a recent success story to a new product or service, we want to hear about it.

Why? So we can tell all our Member Companies about it, and also the many other people with an interest in the defence, security and aerospace sector who receive the AIDN Newsletter.

Articles are to be limited in size and submitted by email to [sue.smith@aidn.org.au](mailto:sue.smith@aidn.org.au). This is a free service to members.

## CAN WE HELP YOU?

If you would like any further information or require any assistance with defence industry issues, please contact the AIDN office:

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[admin@aidn.org.au](mailto:admin@aidn.org.au)  
ABN: 37 252 416 031 ARBN 115 614 803  
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