

# ADM AUSTRALIAN DEFENCE MAGAZINE DEFENCE WEEK

## PREMIUM EDITION

SERVING THE BUSINESS OF DEFENCE



L-R: Jay Martin, Simon Staffell, Mark Williamson, Richard Davis and the forum moderator Professor Rory Medcalf, head of the National Security College at ANU. DAVID JONES/ADM

## CIVSEC 2018: ADM's Review

**Nigel Pittaway | Melbourne**

**The second biennial Civil Security Congress and Exposition (CIVSEC) was held at the Melbourne Convention and Exhibition Centre this week, building on the inaugural event held in 2016.**

Run by the Aerospace Maritime Defence and Security Foundation of Australia (AMDA), the three day event was held on May 1-3 and took place in parallel with the invitation-only Police Conference (PC18), which attracted the Police Commissioner of Australia and the Chief Police Officer of the ACT.

According to AMDA officials, CIVSEC 2018 had around 2,000 delegate registrations over the three day period and the modest exposition hall attracted 74 exhibitors, displaying a range of capabilities and products.

The conference itself was broadly organised into threads, including the Strategic Security Summit, which the organisers touted as the 'primary thought leadership forum' in the civil security sphere. Other threads included forums such as 'Civil Security in the 21st Century', the Cyber Security Careers Forum, the AustCyber Pitchfest and the DST Group-led 'Science and Technology Innovation

### IN THIS ISSUE

CIVSEC 2018: ADM's Review	<b>1</b>
Defence cooperation a focus of French visit	<b>3</b>
EOS announces \$12 million RWS contract	<b>5</b>
Australia joins NATO cyber centre as domain heats up	<b>7</b>
Lockheed wins global sustainment contract for F-35s despite cost concerns	<b>9</b>
US approves sale of Vipers to Bahrain	<b>11</b>
SMA wins Navantia contract for Future Frigates	<b>12</b>
API teams with PA for new blaster	<b>13</b>
Forthcoming Events	<b>16</b>

for Civil and National Security' series of discussions and presentations.

In kicking off the latter on the opening day of the conference, Chief Defence Scientist Dr Alex Zelinsky launched the Australian Government's National Security Science and Technologies policy and priorities document. The document sets out the newly-created National Security Science and Technology Centre's role in helping national security agencies with understanding and prioritising their science and technology requirements and to co-ordinate research and development efforts to meet the ever-evolving threat.

Dr. Zelinsky told delegates that national security has been a growing concern over the last two decades and that the environment is becoming increasingly unstable, with threats forever changing and that timely and accurate intelligence is vital to countering the emerging threats.

"Science and technology can be an integral part of national security," he said.

He highlighted the government's six national security priorities in this area: cyber security; intelligence exploitation; border security and identity management; investigative support and forensic science; preparedness, protection, prevention and incident response; and technology forecasting.

On the second day of CIVSEC 2018, the Strategic Security Summit Stream launched the 5RD Council, a 'Five-Eyes' initiative to co-operate on civil security research and development in an unclassified forum.

Dr Richard Davis, Chief Technology Officer National Security at the NSSTC said the 5RD initiative is a multi-lateral forum with the aim of, "informing and co-ordinating public safety, research, development and evaluation (RDT&E) to expand capacity and deliver more efficient and cost-effective access to results."

CIVSEC 2018 was the first public unveiling of the 5RD Council, and was represented by Dr Davis, Director General Defence Research and Development Canada Dr Mark Williamson, the UK Home Office's Science & Technology Officer Simon

**"National security has been a growing concern over the last two decades and the environment is becoming increasingly unstable"**



ADM /DAVID JONES



CIVSEC 2018 Innovation award winners

ADM/DAVID JONES

Staffell, and Jay Martin, Director of Research & Development Partnerships (S&T Directorate) with the US Department of Homeland Security.

The CIVSEC Innovation Award winners include Fivecast (cyber security), Intelligent Security Australia (physical security and policing), and DST and the University of Melbourne (disaster relief, emergency management and humanitarian services plus the National Innovation Award). High commendations went to Zirkata and DroneShield.

A more in-depth look at CIVSEC 2018 will appear in the June issue of *ADM*.

## Defence cooperation a focus of French visit

**Prime Minister Malcolm Turnbull and President Emmanuel Macron of France have announced a range of agreements to enhance bilateral defence cooperation, including the establishment of an annual Australia-France Defence Industry Symposium.**

Minister for Defence Industry Christopher Pyne will co-chair the symposium with his French counterpart, Minister Florence Parly, and said he was looking forward with working with Minister Parly to progress the initiative.

"The Australia-France Defence Industry Symposium will focus on identifying further opportunities to deepen our defence industry and capability cooperation for the benefit of both nations. Australian and French businesses already have a strong track record of partnering to develop and deliver innovative capabilities," Minister Pyne said.

"In February, I had the pleasure of congratulating Australian business Thomas Global and France's Safran Group on establishing a partnership to manufacture and maintain defence equipment in Australia."

President Macron and PM Turnbull also announced research agreements between Flinders University and Centrale Nantes university, between Flinders University, Thales, and ENSTA Bretagne, and between ENSTA Bretagne and the University of Adelaide.



The first agreement will investigate the use of nanocomposite technologies for manufacturing marine propellers and 3D printing of metal-polymer composite materials. Professor Arnaud Poitou, director of Centrale Nantes, said the collaboration promises to advance global understanding in the field of marine technology.

"Centrale Nantes is pleased to welcome Flinders University to join our world leading researchers in Nantes. The research teams at Flinders will further enhance our efforts in this area to assist in developing the maritime technologies of the future" Professor Poitou said.

The second agreement will design a demonstrator for the automatic connection of maritime electro-optical links and will also test autonomy algorithms on robotic swarms at sea.

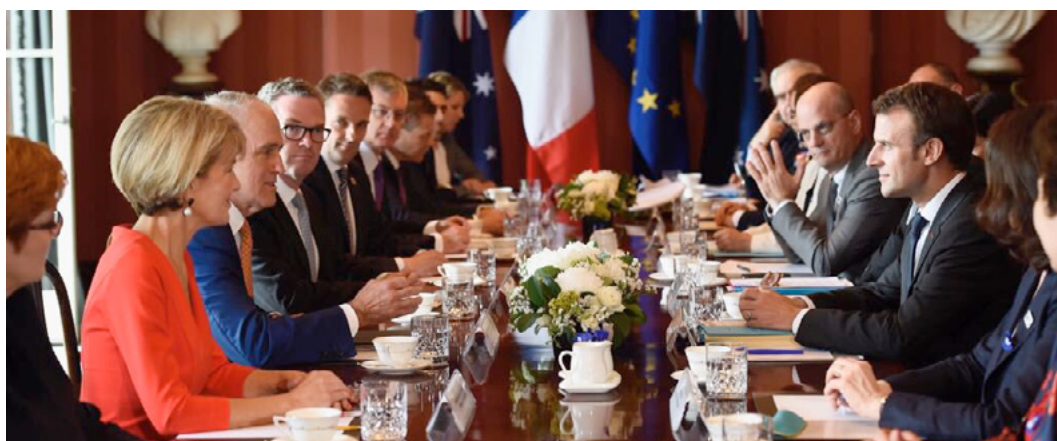
"[The agreement] provides a long term framework for collaboration in naval robotics applicable to both submarine and surface ship sonars, including opportunities to share testing facilities, operate exchange programs and facilitate joint research projects," Thales Australia CEO Chris Jenkins said.

The third agreement will offer a dual Master's degree in engineering from ENSTA Bretagne and the University of Adelaide. The degree will see students – both experienced engineers and recent undergraduates – spend one semester in Brest, France, one semester in Adelaide, and a third semester in a jointly supervised industry internship.

"Our new, dual Master's program will feed directly into the defence engineering skills base available to South Australia, as the state prepares for \$89 billion of defence spending on submarines and surface ships over the coming years," Professor Pascale Quester, Deputy Vice-Chancellor of the University of Adelaide, said. "The program will target technicians and engineers from Australia or internationally who are seeking to upskill or transition from other industry sectors, such as manufacturing."

Finally, Defence Minister Marise Payne and French Assistant Minister for Defense Mrs Genevieve Darrieussecq signed a Mutual Logistics Support Agreement (MLSA), which will improve ADF and French Armed Forces combined operations by enabling mutual access to logistics services, resources and logistics training.

**"The Australia-France Defence Industry Symposium will focus on identifying further opportunities to deepen our defence industry and capability cooperation"**



PM Malcolm Turnbull and senior Australian ministers meeting with the French delegation in Sydney.

CHRIS PYNE VIA TWITTER

"We conduct vital humanitarian assistance and disaster relief training with the French, including through the upcoming Exercise Croix du Sud, and this treaty will improve our ability to work together in response to events in the South Pacific," Minister Payne said.

PM Turnbull and Ministers Payne and Pyne also thanked President Macron and the French Government for its ongoing support for Australia's \$50 billion Future Submarine Program.

The symposium and research agreements were announced as part of the Australia-France Initiative (AFiniti) signed by Turnbull and President Macron.

AFiniti will strengthen collaboration on emerging priorities in Australian-French cooperation.

## EOS announces \$12 million RWS contract

Katherine Ziesing | Canberra

**Building on the \$600 million Remote Weapons Stations (RWS) contract of last year and the opening of their new [Canberra production facility](#), EOS announced at their annual general meeting last month that they are on track for another strong year of growth.**

EOS has received new orders for \$12 million of remote weapon systems for delivery in 2018. These orders, from one existing customer and one new customer, will be met by scaling up production later 2018.

EOS has previously forecast 2018 production of remote weapon systems of 240 units at approximately 20 units/month. The production achieved for Q1 2018 was 40 units, as forecast, and a production rhythm of 20 units each month has also been achieved at the new plant.

"2018 is an exciting year of transformation for EOS," Grant Sanderson, CEO of EOS' defence business said to ADM. "Building on the outstanding work of the



EOS' RWS offers significant cost and weight savings.

EOS/DEFENCE

team over the past five years the company is expanding into a true Australian multinational entity, with \$250 million in expected revenue per year in 2019.

"That project is just based on our current orders. Our ambition is to obviously continue to grow beyond that and there will be further announcements soon about our plans over the medium term."

Building on their successful RWS business, the company is looking to provide a range of solutions in the SHORAD (Short Range Air Defence) space, with a focus on anti-drone activities. This includes technology based around their existing missile capability with the Stinger launcher, the R-400S Mk2 currently in full-

rate production that can lock airborne targets and deliver air-burst rounds to destroy UAS at ranges up to two kilometres, and a laser or directed energy system also deployed from the RWS. The US Army has supported development of this technology and EOS intends to grow this business with the [opening of a new site](#) in Huntsville Alabama to meet demand from that customer.

"EOS is confident that we will soon be the largest Australian Defence exporter and that we can use that position to expand our ability to support the future technical capability development of the ADF," Sanderson said to *ADM*.

Improvements in materials and technology now allow EOS to produce a RWS which can mount all small arms and crew-served weapons at lower cost and weight than previously possible. This includes most 5.56mm, 7.62mm and 12.7 mm weapons. The new RWS was partially developed using Australian Department of Defence funds under the Priority Industry Capability framework, and will be qualified for production later in 2018, with fielding in 2019.

The RWS is designated R-150 and provides significant cost and weight savings over all prior generations of RWS for small arms.

There is a substantial market emerging for the replacement or upgrade of RWS for these applications.

The space side of the business is [also making gains](#) with the \$35 million

**"Improvements in materials and technology now allow EOS to produce a RWS which can mount all small arms and crew-served weapons at lower cost and weight than previously possible"**



EOS' RWS mounted on an Australian PMV.

EOS/THALES/DEFENCE





An RWS round takes out a drone.

EOS

centre at Stromlo in the ACT up and running along with the \$30 million centre at Learmonth, which is also now operational. The company has invested heavily in this side of the business, acknowledging that it won't be profitable until next year at the earliest.

An agreement [signed with Lockheed Martin](#) in 2015 sees the company working on space situational awareness (SSA) in terms of debris tracking. As ADM has previously reported, the EOS space network is privately owned and operated, but SSA operations are dual-use and preservation of the space environment requires both military and commercial satellites are protected. For reasons associated with managing the balance in a dual-use environment, EOS has agreed in principle to locate many of its global sensors within defence bases or facilities. A single site may host multiple sensors.

## Australia joins NATO cyber centre as domain heats up

Ewen Levick | Sydney

**Foreign Minister Julie Bishop has launched a 'temporary embassy' in Tallinn, Estonia, that will facilitate Australian participation in the NATO Cooperative Cyber Defence Centre of Excellence (CCDCOE).**

The 'pop-up' Embassy will be in Tallinn for 12 months.

Minister Bishop also confirmed that a member of the ADF will be seconded to the centre for three months each year. This year Australia observed Locked Shields, the world's largest cyber defence exercise.

"Australia welcomes the opportunity to deepen engagement with the world-leading cyber defence experts at the NATO CCDCOE," Minister Bishop said. "Now, more than ever, we must engage with the international community to set clear expectations for responsible state behaviour in cyberspace."

Australia has been unusually transparent in this space, and was the first state

to publicly acknowledge its offensive cyber capabilities in 2016. According to PM Malcolm Turnbull, these will be used to respond to serious cyber-attacks, to support military operations, and to target offshore cyber-criminals.

In a [recent report](#), ASPI noted some of the advantages and disadvantages of cyber capabilities like Australia's, which are subject to rules of engagement and international law.

Cyber can serve as a potent force multiplier for existing operations – the report references Israel's use of cyber to temporarily disable Syria's air defences and allow bombers to fly undetected during the 2007 raid on a Syrian nuclear reactor.

Cyber operations also have a global reach, offer asymmetric advantages at relatively low cost, and can engage targets that cannot be reached conventionally. The Stuxnet worm that hit Iran's nuclear centrifuges is a case in point.

The downsides are that cyber is unlikely to be effective when used on its own, and cheap, brute-force attacks (WannaCry, for example) are not tactics likely to be used by a state abiding by a rules-based international order.

These, however, are exactly the sort of attacks that other states freely use to gain operational and strategic advantages. Russia used blunt-force DDOS attacks to disrupt Ukrainian communications and gain an operational advantage during the invasion of Crimea. It also used 'troll farms' and other online tools to influence the 2016 US presidential election.

This disparity in tactics places the ADF and Australian defence industry on the defensive.

That is not necessarily a disadvantage, but it does mean that the ADF and wider industry must be prepared. States like Russia that are prepared to use cheap, blunt-force cyber-attacks and other online tools do not discriminate between military and civilian targets. Information on system capabilities and vulnerabilities may be easier to glean from the supply chain than from the end user.

**“States like Russia that are prepared to use cheap, blunt-force cyber-attacks and other online tools do not discriminate between military and civilian targets”**



One ADF member will be seconded to the NATO cyber centre in Estonia each year.

CCDCOE/ARNO MIKKOR





NATO won this year's Locked Shields exercise.

CCDCOE/ARNO MIKKOR



The exercise involved around 4,000 virtualised systems and more than 2,500 attacks.

CCDCOE/ARNO MIKKOR

Ultimately, the difference in how nations choose to use cyber reflects their relative happiness with the current global order. A revisionist state like Putin's Russia, which is seeking to challenge the West's conventional supremacy, relies heavily on the asymmetric advantages that cyber offers. It is a tool that can be used freely with a low risk of triggering a conventional conflict.

Minister Bishop subtly rebuked Russia's use of cyber in her remarks. "The international rules based order applies online, just as it does offline."

That is not the case in practice. Asymmetric advantages like cyber offer revisionist states an advantage precisely because they do not follow established rules.

Australia needs to prepare accordingly. Participating in cyber exercises in Estonia will certainly aid in the ADF's preparation, but more needs to be done to secure Australian industry, particularly SMEs, in the increasingly contested online domain.

For more information on cyber issues, see the forthcoming May edition of *ADM*.

## Lockheed wins global sustainment contract for F-35s despite cost concerns

**The F-35 Joint Program Office has awarded Lockheed Martin a US\$1.4 billion sustainment contract to support operations for the F-35 fleet around the globe despite government concerns on costs.**

The annual contract funds sustainment support activities for aircraft currently in the fleet, as well as building enterprise capacity to support the future fleet of more than 3,000 aircraft.

Activities include air system maintenance, pilot and maintainer training, depot activation, sustaining engineering, data analytics and predictive health management; supply chain logistics, and more.

"This contract is critical to ensuring the transformational F-35s are mission



LOCKHEED MARTIN/USAF

**“We are confident we will deliver more capability at less cost than legacy aircraft”**

ready to support our men and women in uniform,” said Bridget Lauderdale, vice president of F-35 global sustainment at Lockheed Martin. “We are taking aggressive actions to improve F-35 aircraft availability and reduce sustainment costs. As the sustainment system matures and the size of the operational fleet grows, we are confident we will deliver more capability at less cost than legacy aircraft.”

The claim for lower costs comes despite the [recent news](#) that the current cost per plane is too high for the US government.

Vice Admiral Mat Winter said Lockheed was not being as collaborative and as cooperative as he had hoped. “They could be much more cooperative and collaborative. We could seal this deal faster. We could. They choose not to, and that’s a negotiating tactic.”

VADM Winter has ordered a ‘Deep Dive Initiative’ into the costs of the top 100 suppliers, who produce about 85 per cent of the value of the plane, to determine how much it actually costs to build an F-35.

Newer aircraft are averaging between 60 and 70 per cent availability.

Australia [took delivery](#) of the next lot of F-35s in early April, which are now operating out of Luke Air Force Base in Arizona. Five more aircraft are expected to be delivered to Luke AFB by the end of 2018, which is also when the first two planes [are expected](#) to arrive in Australia.

#### MOST READ ONLINE AT [WWW.AUSTRALIANDEFENCE.COM.AU](http://WWW.AUSTRALIANDEFENCE.COM.AU)



1. [Shadow Defence Minister Richard Marles outlines ALP defence policy](#)
2. [L3 wins OPV subcontract](#)
3. [Rheinmetall’s SkyShield sold to Asian customer](#)
4. [Special Report: Sea 5000 and ASW capability – making sense of a complex picture](#)
5. [ADM’s Top 40 Defence Contractors 2018](#)

# US approves FMS of helicopters to Bahrain

**The US State Department has approved a possible foreign military sale of AH-1Z 'Viper' attack helicopters to Bahrain for an estimated cost of US\$911.4 million.**

Bahrain has requested 12 AH-1Z attack helicopters, 26 T-700 GE 401C engines (24 installed and two spares), 14 Hellfire Missiles, and 56 Advance Precision Kill Weapon System IIs.

The request also includes 15 Honeywell Embedded GPS Inertial Navigation Systems, including support equipment, spare and repair parts, tools and test equipment, technical data and publications, training, and other related elements of logistics and program support.

The principal contractors will be Bell Helicopter, Textron, and General Electric.

The AH-1Z Viper attack helicopter is being marketed in Australia by Bell and BAE Systems as a replacement for Army's Tigers under [Land 9000 Phase 3](#). Under the teaming agreement, BAE Systems will oversee helicopter maintenance, sustainment, and support training with Bell as the OEM.

The Tigers have been the [subject of concerns](#) including fumes in the cockpit, a rocket launcher pod falling-off the aircraft, and communications systems compatibility issues.

The other contender to replace the Tigers is Boeing's Apache.

As with all US FMS notices, the notice of the Viper sale to Bahrain is required by law and does not mean the sale has been concluded.

**"The AH-1Z Viper attack helicopter is being marketed as a replacement for Army's Tigers"**



A USMC AH-1Z Viper prepares for takeoff aboard the USS *Anchorage*.

SGT. Jamean Berry



# SMA wins Navantia contract for Future Frigates

**Navantia Australia has contracted Australian company Scientific Management Associates (SMA) to develop and deliver specialised integrated logistic support documentation for its F-5000 future frigate design.**

SMA will support the F-5000 Plans for Training Support, Facilities, Disposal and Usage Upkeep.

**“SMA’s ILS managers and practitioners will assist Navantia Australia with technical advice and participate in the Integrated Product Team”**

“Navantia Australia is committed to providing the most capable frigate for Australia,” Navantia Australia managing director Donato Martinez said. “In addition to the F-5000’s world-leading anti-submarine and general-purpose capabilities, we are committed to a highly capable logistics and maintenance program to ensure the Royal Australian Navy has full availability of these ships.”

SMA’s ILS managers and practitioners will bring their operational and technical backgrounds to assist Navantia Australia with technical advice and to participate in the Integrated Product Team for the final phase of the [Sea 5000 tender](#).

“SMA’s personnel have extensive experience in the analysis, development, delivery and ongoing support of training, documentation and logistic support products for complex commercial and military systems and equipment,” SMA general manager John

Robertson said.

“We are excited about the opportunity to support Navantia Australia on this major national program. Working with Navantia Australia will provide us with future opportunities to contribute to international programs.”



A rendered image of Navantia's F-5000 design.

NAVANTIA AUSTRALIA

# API teams with PA for new blaster

**API and PA, an Italian high pressure accessory manufacturer, have finalised arrangements that will lead to 1,000 bar pressure cleaners being built in Australia.**

A recent visit from PA sales manager Stefania Benetti and administration delegate Alberto Benetti to API's headquarters at Castle Hill in Sydney cemented the relationship. Arrangements were finalised to use PA high pressure accessories up to 1,000 Bar.

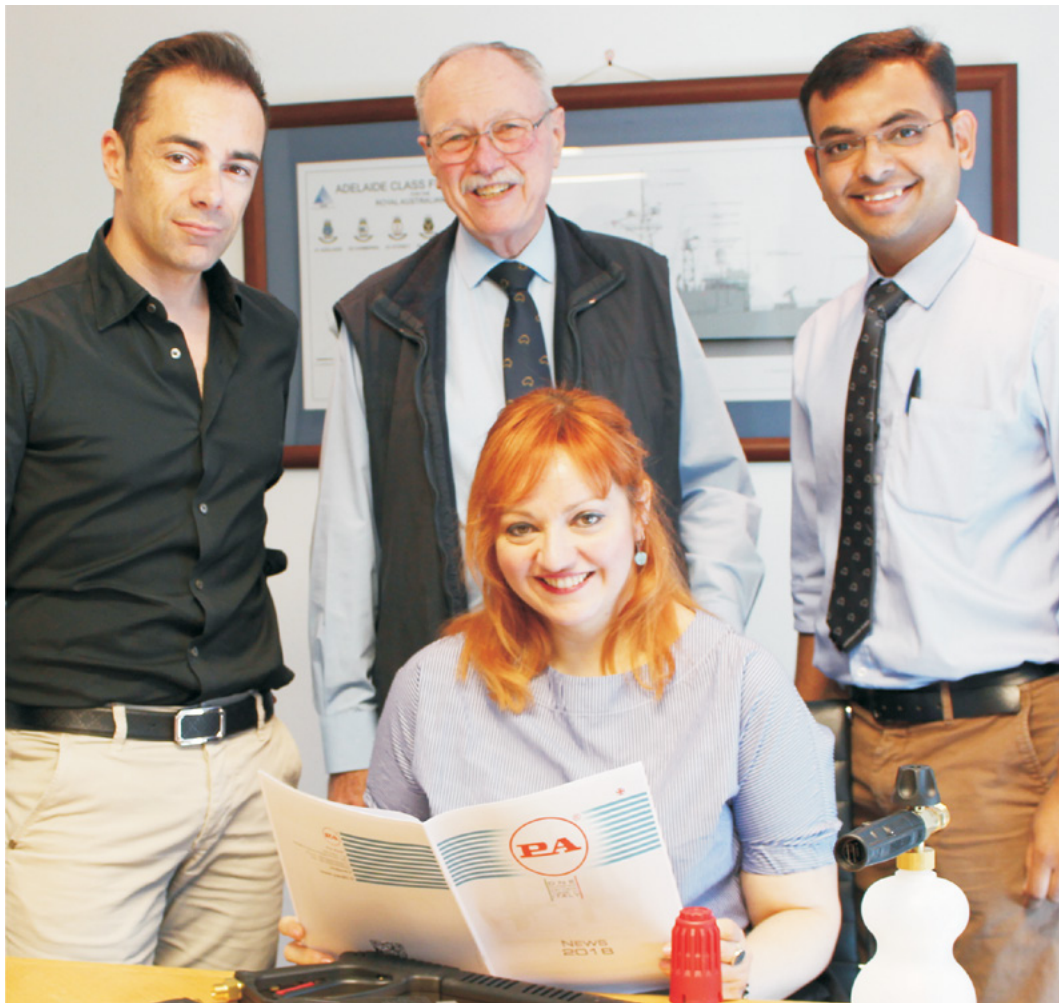
Stefania and Alberto Benetti also introduced new accessories, including unloaders, safety valves, couplings and 1,000 bar-rated spray guns.

The new machines are being designed by chief engineer John Hales.

"Moving into the 1,000 bar (15,000 psi) range is a logical step for us," Hales said. "We changed the way people think about hydro blasters when we began building large volume runs of 500 bar Raptors."

"Although the high pressure pump is the heart of any pressure cleaning system, the accessories, from humble couplings through to sophisticated unloaders and

**"Gradually we will work into bigger flows and higher pressures to provide key market sectors"**



Alberto Benetti, John Hales and Mal Patel (API product manager) and seated, Stefania Benetti.

API

guns, is what makes those water based hydraulic circuits work.”

API is currently doing pump and engine match compatibility evaluations for the 1,000 bar professional.

“We will probably start with 800 bar machines running off 70 hp diesels to deliver 21 lpm flow,” Hales said. “Gradually we will work into bigger flows and higher pressures to provide key market sectors like mining, ship maintenance and production, or for grit blasting applications.”

“Working with PA means that these big machines will have the best quality accessories,” Hales said. “We have been pleased to work with the PA engineers on the development of these high pressure tools to make this a successful combined effort.”

The new blasters are expected to finish production later this year.

## PEOPLE ON THE MOVE

Paul Finch has been appointed as Director, Research and Technology for Rheinmetall Australia, a newly created role that will drive research and development activities across the company. Mr Finch steps into the role after more than two years as Australian Program Director for Rheinmetall's Land 400 Phase 2 program. A primary focus for Mr Finch will be the establishment of a Technology Centre for Light-Weight Applications (TECLAB) in Melbourne, which will develop technologies to improve capability under land programs and and collaborate with research and technology stakeholders.



## CONTACT DETAILS

### MANAGING EDITOR

Katherine Ziesing

T: 0419 014 308

[katherineziesing@yaffa.com.au](mailto:katherineziesing@yaffa.com.au)

### ONLINE EDITOR

Ewen Levick

T: 02 9213 8249

[ewenlevick@yaffa.com.au](mailto:ewenlevick@yaffa.com.au)

### ASSOCIATE PUBLISHER

Kylie Leonard

T: 07 3087 5101

[kylieleonard@yaffa.com.au](mailto:kylieleonard@yaffa.com.au)

### ART DIRECTOR

Ana Heraud

### SUBSCRIPTIONS

Martin Phillpott

Toll Free 1800 807 760

[martinphillpott@yaffa.com.au](mailto:martinphillpott@yaffa.com.au)

### CONTRIBUTORS

Julian Kerr

T: 0418 635 823

[jhrhkerr@bigpond.net.au](mailto:jhrhkerr@bigpond.net.au)

Nigel Pittaway

M: 0418596131

[nigelp@iprimus.com.au](mailto:nigelp@iprimus.com.au)

Copyright © 2017



### PUBLISHED BY

Yaffa Media Pty Ltd

17-21 Bellevue St,

Surry Hills NSW 2010

T: 02 9281 2333

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

### ADM CANBERRA OFFICE

PO Box 4783, Kingston ACT 2604

T: 02 6203 9535

### ADM BRISBANE OFFICE

PO Box 9165,

Wynnum Plaza Qld 4178

T: 07 3348 6966

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

**SUBSCRIPTIONS** [GREATMAGAZINES.COM.AU](http://GREATMAGAZINES.COM.AU) **CALL** 1800 807 760 **EMAIL** [SUBSCRIPTIONS@YAFFA.COM.AU](mailto:SUBSCRIPTIONS@YAFFA.COM.AU)

All material appearing in ADM is copyright. Reproduction in whole or in part is not permitted without permission in writing from the publisher. The publishers accept sole responsibility for the contents of this publication, which may in no way be taken to represent the views of the Department of Defence, the Australian Defence Force or any other agency of the Commonwealth of Australia.



# Forthcoming Events

## ADM EVENTS

More detail on **ADM** Events can be found on our dedicated website: [admevents.com.au](http://admevents.com.au)

- [ADM Women in Defence Awards](#) – 27 July 2018
- **ADM STEM in Defence Summit** – 21 August 2018
- **ADM Defence Integrated Logistics and Sustainment Summit** – 31 August 2018
- **ADM Defence Estate & Base Services Summit** – 19 September 2018
- **ADM Defence in Northern Australia Summit** – 10-11 October 2018

## CDIC Introduction to the Defence Market Seminars (May)

**Date** 1-15 May 2018

**Locations** Perth, Darwin, Katherine & Adelaide

**Register** [Business.gov.au](http://Business.gov.au)

The Centre for Defence Industry Capability is delivering a nationwide series of seminars for businesses that are seeking to learn about opportunities in the defence market.

## ASDEFCON TD/IP Roadshow

**Location** Sydney, Melbourne, Newcastle, Cairns, Brisbane, Adelaide, Perth, Darwin

**Date** 2 May – 5 July

**Register** [procurement.ASDEFCON@defence.gov.au](mailto:procurement.ASDEFCON@defence.gov.au)

Following the official launch of the new ASDEFCON Technical Data/ Intellectual Property (TD/IP) framework on 11 April, roadshows have been scheduled around the country from May to July 2018. The roadshow is open for both Defence and industry personnel to attend. Each roadshow will comprise a general overview of the new framework and interactive sessions.

## NZDIA Member Meeting

**Location** Wellington, NZ

**Date** 9 May 2018

**Register** [www.nzdia.co.nz](http://www.nzdia.co.nz)

Details of the venue will be included in the event attendance confirmation email. Lieutenant General Tim Keating MNZN, Chief of Defence Force, will be joining for lunch with Helene Quilter, Secretary of Defence. We are also able to advise of the indicative timeline for procuring the DEI Professional Services Alliance. Our intended procurement approach will include a Registration of Interest at the end of Qtr 2 2018, followed by a Request for Proposal in Qtr 3 2018.

## National Manufacturing Week 2018

**Date** 9-11 May 2018

**Location** Sydney

**Website** [NMW2018](http://NMW2018)

NMW2018 will feature a full conference program, alongside over 150 companies showcasing the cutting edge technologies leading this transition towards highly skilled, advanced manufacturing.

## Women in Defence and Security Network: Speed Mentoring Event

**Location** Canberra, ACT

**Date** 10 May 2018

**Register** <https://www.aspi.org.au/event/women-defence-and-security-network-speed-mentoring-event>

Participants will have access to women mentors working across several different fields, including intelligence and national security, cyber security and STEM, academia, international aid and foreign policy, politics, media and journalism, international trade policy, NGO's and civil society organisations, industry and defence. Mentoring sessions will be structured, and we will provide sufficient guidelines to all participants prior to the event.

## ANI Vernon Parker Oration

**Date** 10 May 2018

**Location** Canberra

**Register** [Sticky Tickets](#)

John Berry, the President of the American Australian Association and former US Ambassador to Australia is to give the Lockheed Martin Vernon Parker Oration at the dinner event.

## Policy vs Practice: How Diversity Sparks Innovation

**Date** 15 May 2018

**Location** National Press Club, Canberra

**Website** <https://www.engineersaustralia.org.au/Event/policy-vs-practice-how-diversity-sparks-innovation>

Christine Zeitz, CEO of Leidos Australia, will draw on her experience as the CEO of a technology/engineering based company to discuss the links between a diverse workforce and innovation and how to narrow the gap between policy and practice. She will discuss the important role of leaders in establishing the right settings to promote diversity and put rhetoric into action.

## Meet the Chiefs – Secretary of Defence

**Date** 18 May 2018

**Location** Canberra

**Register** [DefenceWatch](#)

Defence Secretary Greg Moriarty will speak at the National Press Club for the first time since taking on the role.

## Association of Old Crows conference 2018

**Date** 28-30 May 2018

**Location** Adelaide

**Website** [AOM events](#)

The Australian Chapter of the Association of Old Crows will hold its biennial Electronic Warfare (EW), Electromagnetic Spectrum Management Operations, Cyber Electromagnetic Activities (CEMA), Information Operations (IO) Convention focusing on the *"Interoperability and Collaboration in the Indo-Pacific Region"*, seeking to investigate both organisational and technical interoperability and collaboration across EW, CEMA and IO battlespace.

## PASA MRO for Procurement Conference

**Date** 5-6 June 2018

**Location** Stamford Plaza, Brisbane

**Website** <https://procurementandsupply.com/events/pasa-mro/>

This two-day special event will give your organization the insight to gain greater control of your MRO and spare parts inventory spend, address your key issues with MRO and spare parts inventory management and unlock the significant hidden costs-savings associated with MRO procurement. The conference examines issues such as who should own and control MRO and spare parts, why most companies underestimate its importance, and how to develop a good MRO strategy that can improve your bottom line.

## Building Australia's Strategy for Space: ASPI

**Date** 13-15 June 2018

**Location** QT Hotel Canberra

**Website** [www.ivvy.com.au](http://www.ivvy.com.au)

The conference will bring together distinguished international and Australian experts for two days of debate on Australia's long-term strategic plan to grow its burgeoning space industry.

## IFRS Next

**Location** Canberra

**Date** 28 June

**Register** <https://www.regionalsecurity.org.au/event-2861870>

Future strategic leaders will deliver six-minute bursts about a topic they're passionate about and they also feel is of importance to Australia's national security. Expect innovative thinking and insights, even some controversy. It runs for one hour in the arthouse-style setting of Palace Electric Theatre, and is followed by a networking event. It is your chance to engage in conversation with Australia's future security leaders.



## Defence + Industry Conference and Gala Awards 2018

**Date** 1 August 2018

**Location** Canberra

**Website** [CASG](http://casg.gov.au)

The annual CASG and Defence Industry gathering in Canberra to discuss policy and programs with a range of speakers gathering to discuss the way forward. A Gala Awards night will take place on the evening preceding the event, where *ADM's* Essington Lewis Awards will be presented, recognising excellence in collaboration.

## Project and program management symposium

**Date** 14-15 August

**Location** UNSW @ ADFA, Canberra

**Register** [www.pgcsymposium.org.au](http://www.pgcsymposium.org.au)

The annual Project and Program Management Symposium provides a forum that brings together project management people to share knowledge and improve the governance and controls skill sets available to deliver successful project outcomes for the nation. A highlight of the symposium is its access to thought leaders from the USA and Europe. Each year, selected speakers from overseas are brought to the symposium to share knowledge and provide an international perspective on project and portfolio management.

## Hunter Valley Defence Conference 2018

**Date** 30-31 August 2018

**Location** Crowne Plaza Hunter Valley

**Website** [HunterNet](http://hunternet.com.au)

The 2018 Defence Conference will focus on driving collaboration and engagement between Defence Primes, the region's SME's, academia and Defence. A highlight of the conference will be the spectacular low flying aerial show from Matt Hall Racing, followed by a gala dinner.

## Land Forces 2018

**Date** 4-6 September 2018

**Location** Adelaide

**Website** [www.landforces.com.au](http://www.landforces.com.au)

Presented in collaboration with the Australian Army, LAND FORCES 2018 is an international industry exposition to showcase equipment, technology and services for the armies of Australia and the Indo-Asia-Pacific.

## 9th SIA Biennial Conference 2018

**Date** 7-8 November 2018

**Location** Canberra

**Website** [www.submarineinstitute.com/sia-conferences](http://www.submarineinstitute.com/sia-conferences)

The theme is currently under development however opening reception to be held on 6th November at the Canberra Rex Hotel

## MilCIS 2018

**Date** 13-15 November 2018

**Location** Canberra

**Website** [www.milcis.com.au](http://www.milcis.com.au)

In November each year, the Defence Chief Information Officer Group (CIOG) partners with the UNSW Canberra and the Institute of Electronic and Electrical Engineers (IEEE) to present MilCIS.

### TEAM DEFENCE AUSTRALIA EVENTS

- **SOFIC 2018** – 21-24 May 2018, Tampa, US
- **Eurosatory 2018** – 11-15 June 2018, Paris, France
- **AUSA 2018** – 8-10 October 2018, Washington DC, US
- **Euronaval 2018** – 23-26 October 2018, Paris, France
- **Indo Defence 2018** – 7-10 November, Jakarta, Indonesia

For more information go the [business.gov.au](http://business.gov.au) TDA webpage [here](#). TDA EOIs will open a few months prior to the event – to keep up to date [register](#) for the CDIC newsletter.