



DEFENCE WEEK

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EM Solutions targets American market

Tom Muir

Canada has issued a request for proposal (RFP) to companies for supply of mobile satellite communication terminals for their national army vehicles. The RFP was released under the land command support system life extension (LCSS LE) project on behalf of the Department of National Defence (DND), following extensive consultations and engagement with the industry.

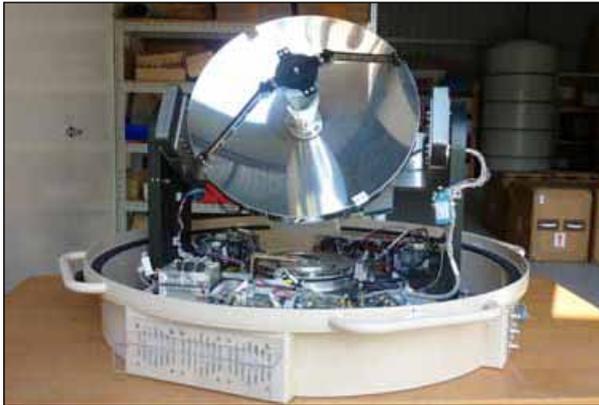
This appears to be an opportunity for EM Solutions' newly-appointed **Todd Hershberger** to gain a foothold for the company's Satcom on the move (SOTM) in the Canadian market.

Canada's Public Works and Government Services minister Diane Finley said the government is committed to providing the Canadian Army personnel with the best possible equipment required for missions at home and abroad.

"This project is another step in helping to ensure a first-class, modern military that is well-equipped and ready to conduct its missions safely and effectively for many decades to come," the Honourable **Rob Nicholson**, QC, Minister of National Defence and Member of Parliament for Niagara Falls said.

The **industrial and regional benefits (IRB) policy** applies to the acquisition, which will ensure that the winning contractor creates economic benefits equal to the contract value in Canada. Referred





Ka-band SOTM terminal tested on PMV

engineered for users needing to communicate with the latest **Ka-band broadband satellites** even when moving in the most turbulent vehicles, such as off-road or in heavy sea states.

A complete communications subsystem comprising antenna, RF system, and tracking platform, EM Solutions' SOTM system comes configured with a complete Ka-band WGS certifiable transceiver. This unique terminal, developed for the Australian Army, achieves pointing errors of less than 0.2 degrees through a proprietary tracking system that is GPS immune. It avoids the use of expensive inertial navigation units based on GPS, using instead a novel yet proven closed loop control technique. The system can be customised for a range of expected motion profiles, and features best in class DC power consumption, weight, and mechanical profile

to as **satellite communications on the move (SOTM)**, the mobile terminals supplied under the project are expected to enable the army vehicles to communicate with their tactical headquarters or command posts through satellite and maintain that communication while mobile.

The LCSS LE project aims to boost critical information exchanges within specific Canadian Forces (CF) vehicle fighting platforms during combat operations.

EM Solutions Ka-Band satellite on the move (SOTM) system is



There are fewer patrols being carried out by bay-class boats to ensure the larger ACV Ocean Protector has enough crew

Massive job losses predicted for Customs

The head of the Australian Customs and Border Protection Service has told a Senate Estimates hearing that about 600 staff members would have to be sacked in the next four years.

Customs chief executive **Michael Pezzullo** told senators the agency's "current operating model is not sustainable".

"Meeting the requirements of our service and meeting fiscal policy directions will require very tough choices to be made," Pezzullo said.



"However given the efficiencies that we have already identified and achieved, many of these choices have already been made.

"With program reductions that are in the forward budget, we are not talking about cutting fat or even muscle and tissue, we will soon be going through bone and out the other side."

Pezzullo said that over the past four years the ACBPS budget had dropped by more than \$560 million, forcing the agency to cut about 740 staff positions.

That included 37 frontline jobs in regional port offices that were lost last year.

He has warned further funding cuts of \$733 million, imposed in the last budget, will force about another 600 jobs to go.

"Given the high operational tempo being experienced across many areas of the service, we are trying to maximise our expenditure on frontline resourcing, for example to deal with illegal maritime immigration and remote area border patrols in northern Australia," he said.

He later added that "not all savings can be achieved ... in the back of office".

Pezzullo said the service has tried to quarantine its border protection patrols from budget cuts "but even that's become stretched".

He told the committee that last financial year there were fewer patrols carried out by bay-class boats to ensure the larger **ACV Ocean Protector** and **ACV Triton** had enough crew.

"Those vessels are critical for safety-of-life-at-sea issues, responding to mass SOLAS situations," he said. - *ABC News*



The efforts could save the JSF program US\$600 million

Manufacturing technologies could save JSF program US\$600M

The Office of Naval Research's (ONR) manufacturing technology effort will potentially save the Joint Strike Fighter US\$600 million over the life of the program through small investments in projects with a high return on investment.

One of the recent projects was focused on improving the fabrication of the JSF's wing skin. The wing skin is manufactured by using a system called an automated fibre replacement machine. The machines are designed to be used by another material, not the material used to make the JSF, **Neil Graf**, ONR program officer, told *Inside the Navy* during a recent interview.

"When you run that material through these machines they tend to clog up the machine, they tend not to work well . . . it takes a long time to layout the wing skin or a part using that material system," he said.





A scene from the 2012 Land Warfare Conference

Land Warfare Conference to become Land Forces

Katherine Ziesing

Some *ADM* readers may have noticed that the biennial Land Warfare Conference (LWC) has all but disappeared. This is because the organisers of the Avalon Air Show and the Pacific Maritime shows, the Aerospace Maritime and Defence Foundation of Australia a not-for-profit corporation, have been granted the task by Chief of Army to reorganise how the event is run.

To be known as **Land Forces**, Land Forces 2014 will run between September 22 and 25 in Brisbane next year. The event will still have the annual Chief of Army exercise/conference running alongside it with the usual trade show attached. Like other domain shows, there will a plethora of parallel symposia on relevant land topics.

Finer details of the transfer to the AMDA are still being confirmed.

ADM comment: The cost of the show to exhibitors and delegates was kept relatively low thanks to government organisation efforts. We hope that whatever guise LWC wears, it will remain an accessible show to all members of Defence and Defence industry.

At least the timing will mean that we won't have to be in Brisbane during the **G20 summit** dogfight in November!

December/January ADM 2013 advertising BOOK SOON!

In the December/January edition:

- ADM editor Katherine Ziesing interviews Defence Minister David Johnston
- Top 40 and Top 20 SMEs survey
- Project reviews
- Bonus distribution to ADM2014
- And much more!

For advertising rates and bookings email by November 26 davidjones@yaffa.com.au





Andrew Rankin 2013
Export Awards Finalist

Aviation Australia recognised at Premier of Queensland Export awards

Aviation Australia has been selected as a finalist in the Education and Training category at the 2013 Premier of Queensland Export Awards.

In 2012, Aviation Australia was awarded finalist in the same category and despite challenging global markets in the aviation industry, the company has maintained an international competitive advantage through delivery of its internationally recognised training programs.

Aviation Australia is a world class aviation training centre of excellence, established to support the growth of the aviation and aerospace industries in Australia and all over the world. Over 30,000 personnel have gone through the facilities, for more than 150 customers, for both civil and military aviation organisations worldwide.

The company was founded by the Queensland State Government in 2001 and exported its first product, a Certificate IV in Aeroskills, in 2002 to Air Nugini; a relationship it maintains today.

In 2003, training was delivered to countries within the Asia-Pacific region and in recent years to the Middle East. Key customers within the Middle East include the **Royal Oman Police, Saudi Arabian National Guard** and to the **Security Aviation Command**.

"In the last financial year, 41 per cent of Aviation Australia's revenue was made up of its export products," **Bill Horrocks**, CEO of Aviation Australia said.

The **University of Queensland** won this category and **Tropical North Queensland Institute of TAFE** was also awarded as a finalist.

November ADM 2013

OUT NOW!

- ADM editor Katherine Ziesing interviews Defence Teaming Centre CEO, Chris Burns
- JP2072: a potted history
- Beersheba and beyond – digitising Army
- Where to now for NCW
- And much more!

For subscription information email
judyhinz@yaffa.com.au





Graduation of future defence leaders

The Defence Teaming Centre (DTC) held its inaugural South Australian Defence Industry Leadership Program (SADILP) in 2010, graduating 18 participants, 2011 saw 28 participants, and 2012 saw 23 Participants.

In a graduation ceremony on Wednesday November 20, honoured by the attendance of His Excellency Rear Admiral **Kevin Scarce** AC CSC RANR, Governor of South Australia, 22 new graduates of the SADILP joined the alumni of the program as the future leaders of the SA defence industry, stepping up to the mantle as our future CEOs and managing directors of the businesses that are so vital to the State's economy.

"SADILP has provided me with an outstanding opportunity to meet other industry leaders from South Australia and develop a long lasting professional based network," **Ben Kelly**, program manager aerospace of **Raytheon Australia** and SADILP 2013 Graduate said. "The program has focused on self-reflection as a leader, effective communication and developing those soft skills, all aspects of leadership that are invaluable and needed be an effective leader. A highlight has been the social events and fundraising activities for **The Repat Foundation** which has bought the course together for a very worthy cause."

The program offers high level training and development of future leaders, taking them through a program of professional development training, visits to defence and infrastructure facilities, field trips which included the Defence Reserve Exercise Executive Stretch, the challenging task of producing concept papers on contentious defence industry topics and presentations from key defence industry speakers.

The 2013 SADILP included participants from within defence industry, participants from Prime organisations such as **Lockheed Martin**, to the Small-and-Medium enterprises, such as **J&H Williams**, that comprise the backbone of the industry. Also, this year we welcomed participants from other industries with an interest in the defence sector.

The Merit Award, recognising commitment and contribution to the defence industry and the program while demonstrating leadership qualities and determination, was awarded to **Steve Furber**, manager defence projects from **Kadego Pty Ltd**.

The Achievement Award dedicated to a person that demonstrated their willingness to grow personally and professionally as well as exemplifying attitude, motivation and self-awareness, was awarded to **Mat Borgas**, engineer from **Babcock Pty Ltd**.

The final award, chosen by the program "Sheriff" and aptly named The Sheriff's Award, was awarded to someone who built the programs sense of camaraderie, team work and most importantly fun. This year's recipient of the Sheriff's Award was **Tammy Chau**, **Babcock Pty Ltd**.



ASPI Reports

The following papers are all available as downloads from www.aspi.org.au

Cold calculations: Australia's Antarctic challenges

This Strategic Insights paper looks at the range of Australian objectives in Antarctica, the assumptions that underpin those goals, and the options open for us to best achieve our aims. It's hoped that this report will inform those responsible for formulating and implementing our Antarctic policies.

A stitch in time: Preserving peace on Bougainville

A decade after the successful peacekeeping mission, and a year and a half before the window opens for a referendum on Bougainville's political status, the peace process is dangerously adrift.

This Special Report by **Karl Claxton** and **Peter Jennings** sets out a plan to help deliver a sustainable solution for next steps in the peace process. An Australian-led preventive development effort, conducted in close cooperation with our regional partners, is needed to avoid the future requirement for a larger, costlier, riskier, and more intrusive peacekeeping mission than the limited intervention appropriate in 1997-2003.

Moving beyond ambitions? Indonesia's military modernisation

This paper by **Benjamin Schreer** examines the TNI's current modernisation, including the degree to which the capability balance between the ADF and the TNI could shift; the degree to which the TNI will strengthen its capacity to defend the Indonesian archipelago and contribute to regional security; and the implications of a relative shift in Indonesia's military power for the Australia-Indonesia defence relationship.



ADM Online: Weekly Summary

A summary of the latest news and views in the defence industry, locally and overseas. Check out our webpage for daily news updates on the ADM home page and make sure you bookmark/RSS this for a regular visit.

This week, **Lockheed Martin's Long**

Range Anti-Ship Missile achieved another successful flight test, with the missile scoring a direct hit on a moving maritime target.

The Raytheon Company and Lockheed Martin **Javelin Joint Venture** received a US\$176 million contract for the production and delivery of 842 Block I Javelin missile rounds and 120 command launch units.

And, after three days of the hardest and most complex **Science, Technology, Engineering & Maths competition** in the world Australian students have taken out five major awards including first place and the Bernie Ecclestone Trophy for the third year in a row.



International



The Boeing-built P-8A Poseidon is expected to enter into IOC

IOC close for US Navy P-8A Poseidon

The US Navy is set to declare initial operational capability (IOC) of the Boeing-built P-8A Poseidon long-range maritime patrol aircraft.

Reuters cites sources familiar with the program as saying that the US Navy will deploy the first aircraft in December 2013, following the IOC decision.

Based on Boeing's 737-800 commercial aircraft and the P-8A is armed with weapons such as torpedoes, depth charges and **Harpoon anti-shiping missiles**. A navy official said that the decision will also allow the US Navy to commission the first squadron of the P-8A aircraft this winter for operational missions.

"This program milestone supports navy plans and operational force structure for the maritime patrol community," the official said.

Fitted with upgraded APS-137D(V)5 maritime surveillance radar and signal intelligence SIGINT system, the anti-submarine warfare (ASW), anti-surface warfare (ASuW), intelligence, surveillance and reconnaissance (ISR) aircraft can support broad-area, maritime and littoral operations.

Declining to comment on the expected decision, Boeing spokesman **Chick Ramey** said an announcement would be made very soon. "We have been working hand-in-glove with the navy to help prepare for the first fleet deployment."

The Boeing-led team for the P-8A Poseidon program includes **CFM International, Northrop Grumman, Raytheon, Spirit AeroSystems, BAE Systems** and **GE Aviation**. The US Navy is considering procurement of 117 P-8A aircraft to replace its existing turbo-prop P-3 Orion fleet.

Entries are now open ADM/DMO Industry Team of the Year Awards for Excellence 2013

Click [here](#) to get more information on the awards and to download the entry pack. We're expecting a strong field of contenders in all four categories. So industry, get talking to your SPOs and DMO contacts. DMO and SPOs, get talking to your industry partners.





*The company will deliver
103 Leopard 2 MBT*

Indonesia to buy updated Leopard MBTs

Rheinmetall Group has received a contract from the Indonesian Ministry of Defence (MoD) for supply of tracked armoured vehicles, logistical support and ammunition to the national army.

Under the €216 million contract, the company will deliver a total of 103 overhauled and modernised **Leopard 2 main battle tanks (MBTs)**, along

with 42 upgraded **Marder 1A3 infantry fighting vehicles (IFVs)**, and 11 various armoured recovery and engineering vehicles.

Additional supplies include associated documentation, training equipment, logistical support, as well as initial rounds of practice and service ammunition. The contract reflects Indonesia's requirement to modernise its ability to respond to potential threats to its territorial integrity. In addition, the country also needs equipment that corresponds to the military standards of its partner nations, so as to participate in UN peacekeeping and peace enforcement missions.

The contract was originally signed in December 2012, and comes into full force after the successful completion of all legal formalities, making Indonesia the 18th Leopard 2 MBT user nation, according to the company.

Indonesia initially planned Leopard 2 tanks purchase from the Netherlands, but failed to finalise the contract due to strong opposition from the Dutch legislators, in the wake of the country's rampant human rights violations across the archipelago, especially in Papua New Guinea.

Manufactured by **Krauss-Maffei Wegmann (KMW)**, the Leopard 2 is a successor to the **Leopard 1 MBT**, and is designed to engage moving targets while moving over rough terrain. Equipped with digital fire control systems with laser rangefinders, a fully stabilised main gun and coaxial machine gun, and advanced night vision and sighting equipment, various Leopard 2 variants are currently operational with the armed forces of Germany and other European and non-European nations.

Deliveries under the contract are scheduled to take place progressively during 2014-2016. -*Army-technology.com*

ADM Defence Supply Chains Conference

Date: 4 - 5 December 2013, Adelaide

Enquiries: Keith Barks, Tel: +61(2) 9080 4342;
Email: Keith.barks@informa.com.au





21 new C-27J aircraft have been delivered to the US Air Force for "retirement"

New Spartan C-27J aircraft headed for the AMARG Boneyard?

The US Air Force official responsible for the storage and preservation of some 4,000 airplanes said in an interview this week that the arrival of 21 new C-27J aircraft for

"retirement" has drawn inaccurate perceptions of the future of those airlifters, and that they can be returned to flyable status within 60 days of his group being asked to do so.

Colonel Robert Lepper, the commander of the 309th Aerospace Maintenance and Regeneration Group (AMARG) at Davis-Monthan Air Force Base, AZ - known almost universally as the boneyard - spoke with *Inside the Air Force* on November 13.

He said that probably the most high-profile issue his group is dealing with today involves the C-27J, the future of which is being debated now among US Special Operations Command, the Coast Guard and the Forest Service after the US Air Force decided to divest the fleet.

Lepper said preserving the 21 C-27Js in the fleet has required a relatively small amount of work - he estimated around 100 man-hours - and that because those aircraft are almost new and have not been in storage for very long, they could be returned to flying condition in around 30 to 60 days.

AMARG has not yet been given direction to begin reconditioning any of those airplanes to get them ready for operational use, he said, even the third of the fleet that has been promised to SOCOM. And Lepper was critical of members of the public and the press who jumped to conclusions about the future of the C-27J once the decision was made to send it to the Arizona desert.



The Hurricane Hunter will be the first to launch the fuel-saving enhancement

NOAA "Hurricane Hunter" to launch Rolls-Royce T56 series enhancement

The WP-3D "Hurricane Hunter" aircraft of the National Oceanic and Atmospheric Administration (NOAA) will be the first customer to fly with the fuel-saving T56 Series 3.5 engine enhancement package developed by Rolls-Royce.

The engine enhancement package has demonstrated nearly 10 per cent reduction in fuel use during recent flight testing in **C-130 aircraft**, also powered by Rolls-Royce T56 engines. The enhancement allows T56 engines to operate at significantly lower turbine temperatures, extending parts life and improving reliability by 22 per cent.

The two-year, firm-fixed price contract with NOAA covers standard overhauls plus technology insertion in ten engines for two aircraft and spares. Rolls-Royce will contract with **Lockheed Martin**, manufacturer of the aircraft, to plan and conduct flight testing of the new enhancement packages, as well as complete engine qualification. The first NOAA WP-3D aircraft with the Series 3.5 enhancements are expected to re-enter service beginning in early 2015.

The Rolls-Royce Series 3.5 engine enhancement package has completed all requirements for US Air Force qualification on the C-130 and recently received **FAA** certification for the commercial version of the T56 engine. The US Air Force has estimated that incorporating the engine enhancement into its C-130 fleet would save US\$2 billion, while extending the life of the fleet for decades.



The agreement includes 238 vehicles

Denel and Patria win South African AWP contract

Denel Land Systems and Patria have signed an agreement for the production and delivery of the Patria AMV 8x8 armoured wheeled vehicle to South Africa.

The agreement includes 238 vehicles, out of which five pre-series vehicles have already been delivered during the development phase. The first 16 serial vehicles will be assembled by Patria in Finland.

These vehicles are specially designed and customized to meet the unique requirements of operational deployment in the demanding African environment. The vehicle, known as **Badger** in South Africa, is a best-of-breed in its class and will contribute to the modernisation of the South African National Defence Force (SANDF).



Northrop Grumman demonstrates Electronic Attack Capability on a Group III Unmanned Aircraft



Northrop Grumman has integrated electronic attack payload on the Bat unmanned aircraft

Northrop Grumman Corporation has integrated and employed an internal miniature electronic attack payload on the Bat unmanned aircraft, marking the first time that such a system was used in operation on a Group III (small, tactical) unmanned aircraft system.

The demonstration involved the jamming of radars during the **Marine Aviation Weapons and Tactics Squadron One (MAWTS-1) Weapons and Tactics Instructor (WTI) event** at Naval Air Weapons Station China Lake in October.

“Bat continues to demonstrate capabilities that can normally only be achieved by larger, more expensive unmanned aircraft,” George Vardoulakis, Northrop Grumman’s vice president of Medium Range Tactical Systems said.

The Pandora electronic attack payload is a low-cost derivative of Northrop Grumman’s family of upgraded digital **APR-39 systems**. The lightweight, multifunction payload provides electronic attack, support and protection. Pandora was integrated on Bat in less than two months. During the WTI event, the Bat completed multiple flights in collaboration with fixed wing and other unmanned platforms. Bat is a tactical, runway independent unmanned aircraft that can be launched from land or sea. Its flexible design allows for quick installation of a variety of payloads and enables rapid, expeditionary deployment.



Atlante UAS departing Almeria

Airbus Military and Cassidian play key roles in Perseus program

Airbus Military and Cassidian recently demonstrated an Airbus Military CN235 aircraft equipped with the FITS Fully Integrated Tactical System, and a Cassidian Atlante



Unmanned Aerial System (UAS).

Flying over the Mediterranean Sea, the CN235 of **Spain's Guardia Civil** detected and tracked simulated and real suspicious boats and passed the resulting imagery and data in realtime to onshore mission controllers to decide on action.

And operating from Almeria airport in South East Spain – the first time that a UAS has been flown from a civil airport in Europe - the Atlante showed how unmanned aerial systems can be integrated into a combined surveillance operation by passing simulated data and imagery to ground controllers. Atlante's unique capability to operate in civil airspace and its operational flexibility, make it the first tactical UAS that is capable of performing both military and civil missions also during night-time conditions.

In addition to providing Atlante, Cassidian is responsible for the technical coordination of the entire Perseus project, ensuring delivery of an integrated and verified, interoperable system-of-systems for the Perseus exercises and demonstrations.

For the demonstrations in late September, Airbus Military upgraded the **FITS** equipment on a Guardia Civil CN235 with an enhanced satellite communication system compatible with Inmarsat's Swift Broadband; a new Airbus Military high-speed datalink; and a secure version of the maritime **Automatic Identification System (AIS)**. Those functionalities complemented the aircraft's standard detection and analysis equipment.

Acting on intelligence gathered by the Guardia Civil, and alerted by the Perseus Mission Support Centre, the aircraft and its crew were able to intercept a small vessel simulating a suspicious boat heading towards the Spanish coast from Morocco, as was planned in the exercise.

FORTHCOMING EVENTS.....page 14



FORTHCOMING EVENTS

For a full list of defence and industry events, head to **ADM's** online events page at www.australiandefence.com.au

Trade Controls Summit 2013

DATE: 20 November, 2013, ANU, Canberra

ENQUIRIES: Wendy Green, Ph: 02 6120 5111;

Email: wendy.green@thalesgroup.com.au

Join industry colleagues for a day of presentations and discussion of Australian and US export controls. Network with professionals in your industry and learn best practices for managing your export compliance obligations from leaders in the field.

CMAX Capital Hill Industry Briefing

DATE: 2 December, 2013, National Press Club, Canberra
7.00am for 7.15am. Event to conclude by 8.45am

ENQUIRIES: cmax communications, Ph: 02 6161 8627;

Email: canberra@cmmaxcommunications.com.au

This will be the first formal address by the Minister for Defence Senator the Hon David Johnston at the National Press Club and will provide industry leaders with an insight into his expectations and hopes for both the defence industry and the Department of Defence. Minister Johnston's address will discuss outcomes of the AUSMIN meeting and his thoughts on the development of the Government's Defence White Paper. Click [here](#) for registration.

ADM Defence Supply Chains Conference

DATE: 4 - 5 December, 2013, Hotel Grand Chancellor, Adelaide

ENQUIRIES: ADM Events - Keith Barks, Ph: 02 9080 4342;

Email: keith.barks@informa.com

Web: www.admevents.com.au

It is recognised that it can be difficult for SMEs to find the right entry portal to an entity as large and diverse as defence primes. SMEs are a vital element in major defence acquisition contracts through the supply of sub-systems and components, as well as the establishment and sustainment of Australia's defence capability. SMEs are the links in the supply chains supporting the operation and maintenance of these capabilities. SMEs can also be the birthplace of many of the innovative

**ADM will
be in
attendance**

technologies that contribute to Australia's defence capability edge.

Singapore Air Show

DATE: 11 - 16 February, 2014, Changi Exhibition Centre

ENQUIRIES: Web: <http://www.singaporeairshow.com>

Singapore Airshow is all about creating opportunities for aerospace industry representatives across the world to connect, do business, find out about the latest innovations and exchange ideas to spearhead developments across the industry.

ADM will
be in
attendance

Defence and ITAR Trade Controls from a non-US Perspective - workshops

DATE: 12 - 28 February, 2014, various locations and dates

ENQUIRIES: Web: <http://export-controls-training.com/training/face-to-face/2-day-defence-and-itar-training-february-14>

For those new to the topic, the course will be an ideal and comprehensive introduction to this extremely important topic. For those with prior experience or knowledge, the course provides a good opportunity to brush up on recent changes, ask questions, and network with defence trade control managers from other businesses. This workshop is proudly supported by Enterprise Connect's Defence Industry Innovation Centre for SME's. **Free to SME's**

ADM 2014 Defence/Industry Congress

DATE: 25 - 26 February, 2014, Canberra

ENQUIRIES: ADM Events - Keith Barks, Ph: 02 9080 4342;

Email: keith.barks@informa.com

Web: www.admevents.com.au

This major Defence/Industry Conference has evolved into a pivotal event in the Defence calendar, attracting over 250 delegates each year. More details to come.

ADM will
be in
attendance

The Submarine Choice: ASPI's International Conference

DATE: 8 - 10 April, 2014, Canberra

ENQUIRIES: Lynne Gozzard, Ph: 02 6270 5109;

Email: lynnegozzard@aspi.org.au

Join distinguished international and Australian speakers for two days of debate on Australia's Future Submarine choice. Topics include: The Strategic Context; the Navy's Perspective; Regional Perspectives; Design Options; Industry and Economics; Project Management; Lessons from Abroad.



Centenary of Military Aviation Air Show 2014

DATE: 1 - 2 March, 2014, Point Cook, Victoria

ENQUIRIES: Web: <http://www.airforce.gov.au/>

The event highlights the significant advances in military aircraft during the past 100 years.

Old Crows Conference

DATE: 18 - 19 August, 2014, Hotel Grand Chancellor, Adelaide

ENQUIRIES: Web: www.oldcrows.org.au

Full details are yet to be released.

SimTect 2014

DATE: 25 August, 2014, Adelaide

ENQUIRIES: Web: <http://www.simtect.com.au/>

SimTecT is the annual Simulation Technology and Training Conference held by Simulation Australia. Since its inception in 1996, SimTecT has grown to become Australasia's premier simulation conference for industry, government and academia.

ADM will
be in
attendance

Land Forces Conference 2014

DATE: 22 - 26 September, 2014, Brisbane

The Land Forces Conference is a major event for users, providers, academics, designers and manufacturers to meet, present, share and exchange new and visionary ideas on Land Systems. More details to come.

ADM will
be in
attendance

