

# ADM

AUSTRALIAN DEFENCE MAGAZINE

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## DEFENCE WEEK PREMIUM EDITION



Graeme Crawford, Acting CEO of Civil Aviation Safety Authority (CASA) and Director of Aviation Safety, was one of a number of speakers who addressed the 200 plus delegates at the Canberra conference. PHOTIX – CANBERRA PHOTOGRAPHY SERVICES / AAUS

## RPAS IN AUSTRALIAN SKIES 2021 CONFERENCE

Kicking off yesterday, the Australian Association of Unmanned Systems (AAUS) conference has seen the gathering of both civil and military delegates to hear about the latest technology and policy.

**KATHERINE ZIESING | CANBERRA**

Graeme Crawford, Acting CEO of Civil Aviation Safety Authority (CASA) and Director of Aviation Safety set the scene for the 200 plus delegates at the Canberra conference that is also streaming. The agency conducted more regulation services in the last 12 months than the previous 12 months, mostly around unmanned systems.

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"Many are more complex than much of the other regulation work done by the organisation," he said. "This trend is only set to continue."

The changes in policy around drones are also filtering through the aviation and wider communities with recreational drone registration a requirement from 1 July 2022.

"Over 22,000 commercial drones are registered but we estimate that there are over 40,000 that still need to be registered," Crawford said. "Registration is currently free, but a levy will be determined by government in the near future."

On the civil front, drones are becoming an increasingly common sight in suburban

and regional skies. The agency, along with its industry and other government agency partners, are working on engagement and collaboration strategies to educate the emerging wave of recreational drone users.

**"WE ESTIMATE THAT THERE ARE OVER A MILLION RECREATIONAL DRONES IN AUSTRALIA BUT HOW MANY LAST PAST BOXING DAY REMAINS TO BE SEEN"**

"We estimate that there are over a million recreational drones in Australia but how many last past Boxing Day remains to be seen," Crawford joked.

He also spoke of the work with Air Services on a range of automated approvals processes that will not incur fees. This is an ongoing package of work and will be regularly updated at events like this.

Jason Harfield, CEO of Air Services Australia explained that the aviation age since the 1950s has been a challenge of the time, with new technologies and demands on air space.

"The increasing complexity of the current environment does not have linear growth, it's increasing in complexity and exponentially as air space becomes more congested," Harfield explained, looking at the increasing demand on all classes air space globally. "After 2030 is when exponential growth really kicks off."

"You can have blame, or you can have safety when it comes to independent investigations," according to Greg Hood, the Australian Transport Safety Bureau (ATSB) chief commissioner. The ATSB's concentration on rail, maritime and aviation accident investigation with a focus on safety and public confidence was challenged by COVID-19 over the past 12 months but Hood is proud of the work he and his relatively small team have accomplished over this challenging period.

More Defence presentations are being made today at the conference and ADM will also be following up on them, stay tuned.





The project will provide the first stage of essential, land-based facilities and infrastructure requirements at Fleet Base West. DEFENCE

## NAVY RELEASES NEW INFRASTRUCTURE WORKS TO MARKET

**The RAN has released significant infrastructure works to market in the first stage of the Navy Capability Infrastructure Subprogram – 3 Building Works, involving the construction of new facilities and infrastructure at HMAS *Stirling* and Henderson in WA.**

ROYA GHODSI | SYDNEY

**N**CIS-3 is one of five NCIS works packages planned at HMAS *Stirling* and Henderson, all serving to deliver facilities to support the operation of the new replenishment ships, Arafura Class OPVS, and Hunter Class frigates.

Expressions of Interest for the NCIS-3 project close on 19th March 2021. Requests for Tender will open in April and the project is scheduled for completion in late 2024. Full details can also be accessed through ADM's *Tender Bulletin* which will also include any updates to the program as they come to light.

The project will provide the first stage of essential, land-based facilities and infrastructure requirements at Fleet Base West, primarily to support the introduction into service of Navy's new fleet of ships; the new Supply class replenishment ships, the Arafura Class Offshore Patrol Vessels (OPVs, the first of which was launched this week) and the Hunter Class frigates.

Works will also include a variety of new buildings and facilities fit to support the increased number of navy personnel living and training onsite, including office accommodation, warehousing, living-in accommodation and supporting services infrastructure.

Site establishment for the project, managed by Lendlease, began last month. The

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1. [War with China is not inevitable](#)
2. [Nuclear and conventional submarines are not mutually exclusive](#)
3. [Defence launches the Arafura class OPV enterprise](#)
4. [Varley Group buys Norship](#)
5. [Loyal Wingman takes flight](#)

**“TARGETS HAVE REPORTEDLY BEEN SET IN PLACE TO ENSURE THE MAXIMISATION OF LOCAL INDUSTRY AND INDIGENOUS BUSINESS ENTERPRISE PARTICIPATION”**

HMAS *Stirling* works are scheduled to commence this month and will be completed in August 2024, and the Henderson works are scheduled to commence in August 2021 for completion in July 2023.

Targets have reportedly been set in place to ensure the maximisation of local industry and indigenous business enterprise participation.

“A Local Industry Capability Plan has been prepared for the project, with a target of 85 per cent local participation during the delivery phase,” a Defence spokesperson told ADM. “Local participation has been defined as being within 50 kilometres of the project sites.

“Subcontractor and supplier trade packages have been structured to maximise the opportunities for local business to be involved in the project.

“Further, the project is targeting four per cent Indigenous participation by contract price.”

Defence’s investment into the new ships and their supporting infrastructure form part of the government’s \$75 billion planned expenditure on maritime capability through to 2029.

The 12 new Arafura Class OPVs are currently under construction under Project Sea 1180, and will be replacing Australia’s current Armidale class and Cape Class patrol boats. The first two vessels are being built at ASC Shipbuilding’s yard at Osborne, and production for the remaining 10 will move to WA, where the keel of Ship 3 (*Pilbara*) was laid at Cvmec’s Henderson facility last September in what was a key milestone for the program. The first of the OPVs is scheduled to enter full service in 2022 on constabulary and border protection duties.

Meanwhile, prototyping for the Hunter Class frigate program is currently underway at the shipyard in Osborne, with construction scheduled to begin in December 2022. Keep an eye out for the next edition of the print copy of ADM that will be looking at this program in depth. The vessels will begin entering service in the late 2020s replacing the eight Anzac Class frigates, which have been in service since 1996.



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RAAF's fleet of P-8A Poseidons and M-55A Peregrine aircraft will forward operate from the Cocos (Keeling) Islands.

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## NEW FORWARD OPERATING BASE TO BE BUILT ON COCOS (KEELING) ISLANDS

**Defence has opened expressions of interest for a new airborne electronic warfare/ISR forward operating base to be built on the Cocos (Keeling) Islands to host M-55A Peregrine EW aircraft.**

**EWEN LEVICK | MELBOURNE**

Although the expression of interest does not explicitly state which aircraft the base will support, the project falls under the Air 555 Phase 1 program for infrastructure related to the introduction of the M-55A Peregrine EW aircraft at RAAF Base Edinburgh. The contract for Air 555 infrastructure at Edinburgh was awarded to Lendlease in December 2020.

Defence has previously said that the operating concept for the Peregrine fleet is a main operating base at RAAF Edinburgh and three forward operating bases in Townsville, Darwin and the Cocos (Keeling) Islands.

The forward operating base on the islands will be a modular facility pre-built on the Australian mainland. The successful contractor will be responsible for delivering and installing the base on the islands and maintaining it for 12 months afterwards.

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All three of the Peregrine's forward operating bases will include a data handling and minor maintenance capacity as well as storage facilities for the Peregrines' self-protection flares.

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**"THE FORWARD OPERATING  
BASE ON THE ISLANDS WILL  
BE A MODULAR FACILITY"**

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Defence has previously told a parliamentary committee that the Peregrine fleet will share the air operations facility and minor explosive ordnance storage facilities at RAAF Darwin with the P-8A Poseidons. The P-8As will also be forward deployed to the Cocos (Keeling) Islands, although it is not clear whether the two aircraft will also share facilities there.

Interestingly, the Capital Facilities and Infrastructure arm of Defence is running Air 555 Phase 1 in conjunction with Air 7000 Phase 1B, which involves constructing facilities to support the MQ-4C Triton when that fleet begins to arrive in Australia from 2023.

Despite the commonalities between the Peregrine, Poseidon and Triton fleets, ADM has previously reported that upgrades on the Cocos (Keeling) islands to support Poseidon operations did not necessarily allow the islands to also support Triton operations. It is unclear whether the Peregrine forward operating base will indirectly introduce this capability.

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## FUJISTU, KBR AND LEIDOS TO UPGRADE DEFENCE ICT

**Fujitsu has signed a three-year contract with Defence, working with Defence industry partners KBR and Leidos, to uplift and modernise Defence's existing and planned future ICT environments under the deployable ICT capability contract.**

The companies will provide services including service desk functions, end-user and workstation support, VoIP and email communications, collaboration tools, network infrastructure, and network services management across all Defence operations.

Defence's deployed ICT network environments provide essential command, control, situational awareness, and allied/partner interoperability services for ADF personnel serving on deployed operations and exercises. This includes troops in the field, ships at sea, and joint headquarters and support bases deployed domestically, regionally and across the globe.



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The companies will provide services including service desk functions, end-user and workstation support.

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Key deliverables of the Defence contract include the continuous sustainment of in-service deployed ICT environments that are an essential part of Defence's operational capability; centrally-governed security and accreditation and enterprise governance that will align deployed ICT with Defence's wider networks; enhancing the capacity and skillsets of Defence's ICT workforce; and building strategic partnerships that encourage performance and prioritises continuous improvement.

"Fujitsu is pleased to continue its longstanding relationship with the Department of Defence and to be working collaboratively with Defence's industry partners KBR and Leidos," Graeme Beardsell, CEO, Fujitsu Australia and NZ, said. "Where together we will deliver a comprehensive solution that will provide exceptional support to critical Defence operations. Through our strategic partnership with Defence, we look forward to provisioning surge capacity and enhancing skills with our ADF colleagues."

Leidos said that its contract is valued at \$47.3 million over a three year period.

"We have a longstanding relationship with Defence CIOG, providing innovative, secure and sustainable industry-leading solutions and services," Paul Chase, Leidos Australia Chief Executive, said. "Defence is highly reliant on information and digital communication wherever they operate. Through this contract we will provide security services within the deployed ecosystem."

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The completed pod installation includes a new four-blade propeller arrangement.

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## HMAS CANBERRA COMPLETES MAINTENANCE PERIOD

**The recent completion of HMAS Canberra's maintenance is the first time an operation on such a scale had been performed in Australia.**

CASG's Head Maritime Systems Rear Admiral Wendy Malcolm said successful completion of the maintenance period at Fleet Base East in Sydney was testament to the collaboration between Defence and Australian industry.

Rear Admiral Malcolm also said the maintenance period of the landing helicopter dock (LHD), undertaken at the Captain Cook Graving Dock, was a challenging undertaking.

"This task was particularly complicated, not just because of the sheer size and weight of the equipment, but also because this has never been undertaken in Australia, and all while in a COVID-19 environment," RADM Malcolm said.

"HMAS Canberra had her two pods and associated propellers replaced and returns to Navy service in great shape with some much improved capabilities.

"The magnitude of this undertaking exemplifies the commitment of so many people, including Prime contractor NSM and our own Amphibious Combat and Sealift Enterprise."

Rear Admiral Malcolm said the pod replacement entailed intrusive internal work and significant preservation activities, but also required a large number of support



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**“HMAS CANBERRA HAD HER TWO  
PODS AND ASSOCIATED PROPELLERS  
REPLACED AND RETURNS TO NAVY  
SERVICE IN GREAT SHAPE”**

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structures and accessories, which were designed and constructed locally, in order to complete the installation.

“The ‘Australianisation’ of the supply chain and upskilling of the local Siemens technicians has also been a real highlight of the project,” RADM Malcolm said.

“A naval maintenance operation of this scale has never before been undertaken in this country’s history, from the design and manufacture of a range of supporting equipment, the complicated logistics of delivering the huge pods and propellers and, finally, to a suite of engineering and sustainment challenges involved with conducting a task of such large proportions.”

After the completion of the pod installation, *Canberra* is now preparing for sea trials, where the new pod and propellers will be put through their paces.

The National Naval Shipbuilding Enterprise is already planning for Navy’s second LHD, HMAS *Adelaide*, to enter the dock to begin the same maintenance activity.

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## NIOA SIGNS MOU WITH DAY & ZIMMERMAN

**NIOA and Day & Zimmermann have signed a new three-year Memorandum of Understanding, which includes a four-year supply program of 81mm HE and practice mortar ammunition for the ADF as well as the opportunity to provide other Day & Zimmermann munitions products suitable for export to Australia.**



Soldiers fire an 81mm Mortar during Exercise Diamond Catalyst at Shoalwater Bay Training Area.

DEFENCE

**“WE LOOK FORWARD  
TO CONTINUING TO  
WORK WITH NIOA”**

The new arrangement will strengthen and extend the current MOU and collaborative arrangements that aid the growth of sovereign munitions capability in Australia.

“We look forward to continuing to work with NIOA in meeting the ammunition requirements for the ADF,” Michael Yoh, President of Day & Zimmermann Munitions and Government said. “Day & Zimmermann’s core competencies in the design and production of ammunition coupled with our many years of operating ammunition plants for the US Army makes us a great partner in complementing NIOA in Australia.”

Day & Zimmermann’s expertise includes mortar ammunition, artillery ammunition, tank ammunition, grenades, 40mm ammunition and breaching charges.

## TAFE QUEENSLAND TO TRAIN GUARDIAN CLASS CREWS

**The government has awarded TAFE Queensland a \$36 million contract to provide mariner training and support to the Navy crews of the Guardian-class Patrol Boats, removing the contract from the Australian Maritime College (AMC) in Tasmania after three decades.**

The funding is being delivered as part of the \$2 billion Pacific Maritime Security Program.

Acting Minister for Defence, Senator Marise Payne, said the Pacific Maritime Security Program training contract was designed to adapt and adjust, to meet the needs of Pacific partners.

“A modern and innovative training approach offered by TAFE Queensland will have significant strategic benefits in the Pacific,” Minister Payne said. “TAFE Queensland has already established important relationships and arrangements with the Commonwealth and Pacific Island country governments, industries and communities.

“This, coupled with their established infrastructure in Australia and experience in delivering services in the Pacific, will enable TAFE Queensland to help achieve the outcomes of the Pacific Step-Up Program and the Pacific Maritime Security Program.

“This contract builds upon the success of the previous Pacific Patrol Boat training services contract, by providing new contemporary training for the Guardian-class Patrol Boat crew.”

**CHANGING OUR WORLD**





The crew of a Tongan Guardian-class patrol boat prepare to march onboard after the ship was officially handed over.

DEFENCE

**“A MODERN AND INNOVATIVE  
TRAINING APPROACH OFFERED  
BY TAFE QUEENSLAND WILL  
HAVE SIGNIFICANT STRATEGIC  
BENEFITS IN THE PACIFIC”**

Attending the contract signing in Cairns, Member for Leichhardt, Warren Entsch welcomed the announcement.

“I am thrilled that TAFE Queensland has been awarded this significant contract which will bring economic benefits to the region,” Entsch said. “Cairns is ideally located to mount and sustain maritime patrol and hydrographic operations, and the base is well served by the local Cairns ship repair industry.”

Under the Pacific Maritime Security Program, Australia is replacing the existing Pacific Patrol Boats with 21 new Guardian-class Patrol Boats to 12 Pacific Island nations and Timor-Leste to enhance regional maritime capability and capacity.

In a statement cited by the ABC, AMC principal Michael van Balen said he was ‘disappointed’ but also understood why the decision was made given TAFE Queensland’s proximity to the South Pacific.

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# FORTHCOMING EVENTS

## ADM EVENTS

More detail on ADM Events can be found on our [dedicated website](#).

- [Defence Estate and Base Services Summit](#) – 07 July 2021, Hotel Realm | Canberra
- [STEM in Defence Summit](#) – 16 August 2021, Emporium Hotel | Brisbane
- [Northern Australia Defence Summit](#) – 28 October 2021 | Darwin

## MARCH 2021 AVIATION AUCTION

**DATE** 12 March 2021  
**LOCATION** 80 Beach Road, Lara, Victoria  
**WEBSITE** [australianfrontlinemachinery.com.au/march-2021-aviation-auction](http://australianfrontlinemachinery.com.au/march-2021-aviation-auction)

With Australian Frontline Machinery – This huge ex-Military Aviation Auction includes 8 Pilatus PC-9/A Aircraft, 4 Schleicher ASK 21 Mi Gliders, an Aermacchi MB-326 'Macchi' grounded Jet Training Aid and over 200,000 Spare Parts direct from ADF up for auction on the 12th March 2021. Please check individual listings for each aircraft. Inspection held on 15th – 19th March 2021\*. Inspection advised, video inspections available. \*Subject to change

## BATTLEPLAN FOR LAND FORCES

**DATE** 23 March 2021  
**LOCATION** Online  
**WEBSITE** [www.eventbrite.com.au](http://www.eventbrite.com.au)

With the upcoming Land Forces 2021 being held in Brisbane, AIDN has designed a workshop to assist AIDN members and the wider Defence Industry community to plan their individual organisations' journey to Land Forces in June 2021. This interactive workshop will include targeted trade show and marketing information, and attendees will be provided with a number of electronic templates and tools.

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## UNDERSTANDING INTEGRATED MANAGEMENT SYSTEMS CERTIFICATION

**DATE** 23 March 2021  
**LOCATION** Online  
**WEBSITE** [saiaassurance.com.au/government-understanding-integrated-management-systems-certification](https://saiaassurance.com.au/government-understanding-integrated-management-systems-certification)

ISO Certification is a prerequisite when tendering to supply to Defence. In this webinar presented on Tuesday 23, March, SAI Global trainer, Kester Brown will uncover how Integrated Management Systems can position you to attract and retain more customers, reduce costs and duplication, and implement more robust risk management.

## LOCATE21

**DATE** 30 March – 1 April 2021 (rescheduled dates)  
**LOCATION** Brisbane Convention and Exhibition Centre  
**WEBSITE** [locateconference.com/2021](https://locateconference.com/2021)

Due to COVID-19, Locate20 has been rescheduled for Locate21 happening in Brisbane March 30 – 1 April 2021. The event will focus on how geospatial technologies are intersecting with business, Government and defence to address national challenges. It's Australia's premier spatial conference with the inclusion of over 50 inspiring thought-leaders including speakers from government, academia, the defence force, technology, mining, natural resources and more. We believe this conference is of interest to defence personnel.

## CHIEF OF ARMY SYMPOSIUM

**DATE** 19-20 April 2021  
**LOCATION** Brisbane Convention and Entertainment Centre

In previous years, the Chief of Army's Land Forces Seminar (CALFS) was an event focused on counterpart engagement and featured as part of the broader Land Forces Exposition. In 2021, the Chief of Army's Symposium (CAS) will replace CALFS and will include a number of activities focused on partnerships, technology, innovation and people. It is scheduled to be held at the Brisbane Convention and Entertainment Centre over the period 19-20 April.



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**ARMY ROBOTICS EXPOSITION 2021****DATE** 20 April 2021**LOCATION** Brisbane Convention and Entertainment Centre

Army is hosting the Army Robotics Exposition 2021 (ARX 2021) to facilitate observation and demonstration of RAS concepts and technologies. ARX 2021 will provide an opportunity for Defence personnel including Capability Manager Delegates to view available technologies and innovations which may be applied to the future operating environment.

**TRUSTED AUTONOMOUS SYSTEMS SYMPOSIUM 2021****DATE** 20-22 April 2021**LOCATION** Townsville**WEBSITE** [tasdcrc.com.au/symposium2021](https://tasdcrc.com.au/symposium2021)

Trusted Autonomous Systems is pleased to launch information and registrations for the Accelerating Trusted Autonomous Systems Symposium, 20-22 April 2021 at 'The Ville' Townsville. There will be a breadth of perspectives on offer and interactions for those in academia and industry to senior Australian Defence Force (ADF) in leadership roles in Robotics, Autonomous Systems and Artificial Intelligence (RASAI). The Symposium is focussed toward a physical audience with a comprehensive technical capability to support virtual attendance and participation.

**HUNTER DEFENCE CONFERENCE****DATE** 22-23 April 2021**LOCATION** Crown Plaza, Hunter Valley**WEBSITE** [www.hunterdefence.org.au](http://www.hunterdefence.org.au)

The Hunter Defence Conference will be held in April next year at the Crown Plaza in the Hunter valley. More details will be available soon.

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## **LAND FORCES 2021**

**DATE** June 1-3 2021  
**LOCATION** Brisbane Convention Centre  
**WEBSITE** [landforces.com.au](http://landforces.com.au)

The biennial LAND FORCES exposition is an international industry event to showcase equipment, technology and services for the armies of Australia and the Indo-Asia-Pacific. The Land Forces 2021 team is now setting about ensuring the event will achieve its goals of providing an effective platform for the exchange of ideas on key land forces issues and of taking Australian industry to the world.

## **ROTORTECH 2021**

**DATE** 15-17 June 2021  
**LOCATION** Royal International Convention Centre, Brisbane  
**WEBSITE** [rotortech.com.au](http://rotortech.com.au)

The new dates for Rotortech will be Tuesday 15 June to Thursday 17 June 2021. The venue, the Royal International Convention Centre in Brisbane, is unchanged. Rotortech is the region's premier helicopter and unmanned flight systems showcase and forum, featuring more than 100 participating companies and key speakers from industry and government. We believe that deferring Rotortech to its new June 2021 dates will achieve this goal by moving the event to a time where the COVID situation will have improved and the current uncertainties will have passed.

## **SUBMARINE INSTITUTE NUCLEAR SEMINAR 2021**

**DATE** 15 July 2021  
**LOCATION** Australian Strategic Policy Institute Auditorium  
**WEBSITE** [submarineinstitute.com/events/Nuclear-Seminar](http://submarineinstitute.com/events/Nuclear-Seminar)

In October 2019 the Submarine Institute of Australia and UNSW, hosted a single day seminar, aimed at stimulating national discussion on a holistic approach to a nuclear industry. The 'conversation' is to be continued with the next seminar focusing more specifically on nuclear propulsion for submarines and the associated industry. Nuclear powered propulsion should be considered as an option for submarines entering service at some time in the 2040s and beyond.

## PROJECT AND PROGRAM MANAGEMENT SYMPOSIUM

**DATE** 10-12 August 2021 (rescheduled dates)  
**LOCATION** Canberra Rex Hotel  
**WEBSITE** [pgcsymposium.org.au](http://pgcsymposium.org.au)

Foresight is more valuable than hindsight! PGCS 2021 is designed to help project and program managers, and their sponsors and senior managers, develop the skills and understanding needed to deliver projects success in the next decade. Creating the organisational capability needed to underpin the consistent delivery of successful projects in the 2020s starts at the top. Now in its 8th year, PGCS 2021 will focus on ways to build the foundations needed to create project and program success

## AVALON 2021

**DATE** 23-28 November 2021  
**LOCATION** Avalon Airport  
**WEBSITE** [www.airshow.com.au/airshow2021](http://www.airshow.com.au/airshow2021)

The Australian International Airshow and Aerospace & Defence Exposition is one of Asia-Pacific's most prestigious aviation and aerospace events and the most comprehensive aviation, aerospace and defence exposition in the southern hemisphere. Avalon hosts multiple concurrent conferences and expo streams, across the spectrum of Defence, Airlines, Business and General Aviation, Sport and Recreational Aviation, Airports, MRO, Space, Unmanned Systems, Air Safety and Ground Equipment.

## 2022

## INDO PACIFIC 2022

**DATE** 12 May 2022  
**LOCATION** ICC Sydney  
**WEBSITE** [pacificexpo.com.au](http://pacificexpo.com.au)

INDO PACIFIC, the biennial International Maritime Exposition, will combine an extensive exhibition presence, a comprehensive conference program and a schedule of networking and promotional opportunities. It will be the 12th iteration of this internationally renowned event, and will be a critical link event for Defence, government and industry as Australia defines how it will invest \$90 billion on new ships, submarines and their systems and support.

## 2022 MARITIME ROBOTX CHALLENGE

**DATE** 11-17 November 2022  
**LOCATION** Sydney International Regatta Centre  
**WEBSITE** [dst.defence.gov.au/event/2022-maritime-robotx-challenge](https://dst.defence.gov.au/event/2022-maritime-robotx-challenge)

Robonation and Defence Science and Technology Group are hosting the 2022 Maritime RobotX Challenge, an international autonomous maritime robotic vehicles competition. This competition will give teams of university students a unique opportunity to develop their autonomy skills. Using the WAM-V surface craft, participants will develop an autonomous maritime system that will be put through its paces in a series of tasks in the maritime domain.

### VARIOUS DATES

## ASDEFCON TD /IP ONLINE COURSES

**DATE** Various  
**LOCATION** Online  
**WEBSITE** [defence@majortraining.com.au](mailto:defence@majortraining.com.au)

Defence have begun online delivery of its short course on the Technical Data / Intellectual Property (TD/IP) clauses in its ASDEFCON suite of templates. These clauses provide far more flexibility and scope to deal with TD/IP issues than the previous ones. Defence will offer a number of spaces to Defence Industry on each online course to ensure the new TD/IP regime is successfully adopted by industry. These positions are centrally funded by Defence.

## ICCPM ONLINE WORKSHOPS

**DATE** Various  
**LOCATION** Online  
**WEBSITE** [iccpm.com/online-workshop-webinars](https://iccpm.com/online-workshop-webinars)

Designed to support project teams who are experiencing new challenges due to COVID-19 concerns – Learn how to mitigate new risk levels, effectively deploy virtual teams, manage messy problems and more. ICCPM Online Workshops and Webinars provide you with an easily accessible and engaging option to continue your training from anywhere in the world. These options provide you and your team with a conducive learning environment to support your complex project success.