

Navy League of Australia Vic-Tas Division

May 2018

NEWSLETTER



“Keeping Watch over the Maritime Wellbeing of Australia”

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HMAS WARRAMUNGA USES NEW 3D PRINTER



RAN frigate HMAS Warramunga uses new 3D printer at innovation workshop The Royal Australian Navy (RAN) has announced it is adopting new technologies and implementing latest solutions on-board its Anzac-class frigate HMAS Warramunga with the establishment of the vessel's own Deployed Innovation Workshop. The workshop was established during preparation for the ship's deployment on Operation Manitou in the Middle East region.

It is primarily based around a three-dimensional (3D) printer, new electronic kits and multiple civilian software tools. HMAS Warramunga's Able Seaman Electronics Technician Luke Pozzi has already used the new 3D printing equipment to design, print and fit a temporary replacement part at sea. When faced with an issue relating to a pressure sensor, which restored the system to its full functionality.

Pozzi said: "We looked for options and thought 'why not just print a fix', and within 24 hours we were able to print and fit the part. "Initially we weren't sure if it would work, so it was quite a buzz when the system came up to the correct pressure."

Call The Hands_NHSA Newsletter_Issue 18_April 18

Photo from <https://www.naval-technology.com/news/ran-frigate-hmas-warramunga-uses-new-3d-printer-innovation-workshop/>

POLLIE PEDALLING

February 25, 2016 ·



For nearly 20 years Pollie Pedal has raised over \$4 million for charity and this year the ride is supporting Carers Australia.

This April, the 2018 Pollie Pedal started in Melbourne and finished in Canberra, riding through regional communities in Victoria and New South Wales.

Partnering with Soldier On, this year's ride will continue to raise funds and awareness to support those who have served our nation.

Total funds raised were \$454,842.

[HTTPS://WWW.FACEBOOK.COM/TONYABBOTTMP/?HC_REF=ARRJ1GDOO1HOPDVKCXIHBYY4L8Z1OYGMJGEI1ZLVF8RJQPL3LREBUHRFOZH13CXIKY&FREF=NF](https://www.facebook.com/TONYABBOTTMP/?HC_REF=ARRJ1GDOO1HOPDVKCXIHBYY4L8Z1OYGMJGEI1ZLVF8RJQPL3LREBUHRFOZH13CXIKY&FREF=NF)

CHALLENGES ON THE SOUTH CHINA SEA

Three Australian warships have had an exchange with the Chinese military in the South China Sea as they made their way to Vietnam on a good-will mission.

China's military issued "robust" challenges to three Australian warships as they travelled through the South China Sea to Vietnam this month.

Defence sources say the confrontations between HMAS Anzac, HMAS Toowoomba and HMAS Success and the People's Liberation Army occurred before the Australian vessels' arrival for a three-day goodwill visit in Ho Chi Minh City. One official, speaking on the condition of anonymity, told the ABC exchanges with the PLA Navy were polite but "robust".



CURRENT ADF DEPLOYMENTS

Operation	Location	Personnel	Government Mandate
Accordion	Middle East Region	500	Ongoing
Aslan	Sudan	25	Reviewed Annually
Manitou	Middle East Region	240	Ongoing
Mazurka	Egypt	27	Ongoing
Okra	Middle East Region and Iraq	600	Ongoing
Paladin	Israel/Lebanon	12	Reviewed Annually
Resolute	Australian Maritime Interests	600	Ongoing
Highroad	Afghanistan	300	Ongoing

Periodic Operations

- South China Sea/Indian Ocean - Operation GATEWAY ADF assets are dedicated to these operations' taskings periodically. The number of personnel involved vary on each occurrence.
- South West Pacific - Operation SOLANIA ADF assets are dedicated to these operations' taskings periodically. The number of personnel involved vary on each occurrence.
- South West Pacific Nations - Operation RENDER SAFE is the ADF's enduring commitment to the removal of Explosive Remnants of War which continue to pose a potential danger to communities across the South West Pacific.

<http://www.defence.gov.au/Operations/>

NEW DEFENCE FORCE BOSS



ON 20 April 2018, Lt Gen Campbell was announced to be the nation's new chief of the defence force replacing Air Chief Marshall Mark Binskin in July. Prime Minister Malcolm Turnbull has promoted the former head of Tony Abbott's hardline anti-people smuggling program, Operation Sovereign Borders, to lead the Australian Defence Force as part of sweeping changes to the nation's top brass.

Lieutenant General Angus Campbell joined the Australian Army in 1981, graduating from the Royal Military College - Duntroon in 1984. He was assigned to the Royal Australian Infantry Corps and initially served as a platoon commander in the 3rd Battalion (Parachute), The Royal Australian Regiment (3RAR).

He then served in troop and squadron command appointments within the Special Air Service Regiment. In 2001 he was appointed the Commanding Officer of the 2nd Battalion, The Royal Australian Regiment (2RAR). While in command, the battalion group deployed to East Timor, as a component of the United Nations Transitional Administration East Timor.

Lieutenant General Campbell has also served in a range of staff appointments including as Aide-de-Camp to the Chief of Army, as a strategic policy officer in Army Headquarters, an instructor at the Australian Command and Staff College and as Chief of Staff to the Chief of the Defence Force.

In late 2005, he joined the Department of Prime Minister and Cabinet as a First Assistant Secretary to head the Office of National Security and was subsequently promoted to Deputy Secretary and appointed to the position of Deputy National Security Adviser. In these roles he was responsible for the preparation of advice to the Prime Minister on national security matters and coordinating the development of whole-of-government national security policy.

Upon his return to the Australian Defence Force in early 2010 he was appointed to the rank of Major General and led the Military Strategic Commitments staff in Defence headquarters until January 2011, when he assumed command of Australian forces deployed in the Middle East Area of Operations. He subsequently served as Deputy Chief of Army from February 2012 to September 2013, when he was promoted to his current rank to command the Joint Agency Task Force responsible for the implementation of Operation Sovereign Borders. He was appointed Chief of the Australian Army on 16 May 2015. He holds a Bachelor of Science (Honours) from the University of New South Wales, a Master of Philosophy in International Relations from Cambridge University and he is a graduate of the Australian Army Command and Staff College. His hobbies include hiking, distance running, military history and gardening. He is married to Stephanie and they have two adult children.

The current Chief of Navy, Tim Barrett is also stepping down to be replaced by Rear Admiral Michael Noonan.

<https://www.smh.com.au/politics/federal/operation-sovereign-borders-chief-angus-campbell-to-become-australian-defence-force-chief-20180416-p4z9ui.html>

MISSION TO SEAFARERS - BUSIER THAN EVER

Our team of four ships visitors with our chaplain visited 490 of the 2050 ships that docked in Melbourne Ports in 2017, amounting to 24% of the visitable ships.

They met with over 3,500 seafarers, chatting with them and sharing their stories. Taking the average ship's gangway of fifty steps, the team climbed equivalent of twenty Rialto buildings to achieve this!

The Mission Volunteers not only saw the crews on board, but with over 8,500 picked up and brought to the Flying Angel Club, we had a busy 2017. The volunteers assisted with over 100 events, tours and activities, all to ensure the Seafarers have a 'Home away from Home'. In the first half of 2018, the Victorian Government will commence restoration works on fabric of the building. As works are expected to start at the roof, passers-by will certainly see activity – we have a lot of roof! The building complex, an icon of Melbourne and an asset to the whole Victorian community as well as our home, deserves this attention. Beyond shoring up the fabric, there is much to do in refurbishing the building so that it can be a home to the Melbourne Seafarers Centre and so that it can be a place of welcome to all, and in particular better display Melbourne's maritime heritage. We are pleased to be working with a diverse collection of Melbourne maritime heritage enthusiasts to make the Mission a centrepiece of a tourism-friendly heritage experience in Docklands, a precinct stretching from the restoration of the *Alma Doepel*, *Enterprise* and *Steam Tug Wattle* in North Basin to the *Polly Woodside* on South Wharf. We are also very happy to be working with the City of Melbourne and the Riverlee corporation in the development of Seafarers Rest park between us at the Yarra; we particularly appreciate that Riverlee corporation aims to make the most of proximity of iconic Mission complex in its Shed 5 development. Between them, this development and Seafarers Rest will revive our neighbourhood – and make your experience in visiting us better still.

<https://mailchi.mp/115324dbbbe0/mission-to-seafarers-ship-to-shore-newsletter-autumn-1355521?e=4ed7a92720>

RAN AT THE SHRINE ON ANZAC DAY 25 APRIL 2018



The Royal Australian Navy has marched through the heart of Melbourne with a 1000-strong contingent to mark Anzac Day. More than 700 personnel from HMAS *Cerberus* and Navy's Recruit School on the Mornington Peninsula travelled in their ceremonial winter uniforms from Frankston to the historic Flinders Street Station via special metro rail services, joining 300 more Navy members on Swanston Street before marching from Melbourne Town Hall on Swanston Street to the Shrine of Remembrance at Domain. Senior Naval Officer – Victoria, Commodore Greg Yorke, said Navy's connection to Melbourne over the past century made today's large procession of personnel particularly special.

<http://news.navy.gov.au/en/Apr2018/Events/4584#.WuWRtIhubIU>



<https://www.facebook.com/RoyalAustralianNavy/photos/pb.123855294295846.-2207520000.1525251524./2121031181244904/?type=3&theater>

GROGAN FATHER AND SON ON ANZAC DAY



Photo from <https://www.3aw.com.au/meet-the-father-son-combination-who-led-melbournes-anzac-day-march/>

Text provided by Marty Grogan.

ANZAC Day was very special for the Grogan Family this year in the 100th year since the end of hostilities in 1918.

Marty and his Son DARREN were selected to lead the Melbourne Parade which was very special and poignant as it is Marty's last year in the Navy and the first time they have marched together in Darren's 30 year career.

It was also the first time Marty has ever saluted his son and to do this in Melbourne at the head of the Parade was a very proud moment for him.

Members of their Family have served during the First (One was killed and another highly decorated) and 2nd World Wars (Both Darren's Grandfathers) Korea, Borneo, Malaya, Indonesian Confrontation, Far East Strategic Reserve, Vietnam, 2nd Gulf War and Afghanistan."

AIR VICE MARSHALL TRACEY SMART AM COMMANDER JOINT HEALTH



AVM Tracy Smart joined the Air Force in 1985 and completed her medical training at the Flinders University of South Australia in 1987. After completing Intern and Resident Medical Officer training at Adelaide hospitals, she commenced full time duty in the RAAF in January 1989, serving as a Medical Officer at RAAF bases Amberley (1989) and Pearce (1990), and Senior Medical Officer (SMO) at RAAF Pearce in 1991.

AVM Smart undertook specialist training in Aviation Medicine during a posting with the Royal Air Force (RAF) in 1992-3, completing a Royal College of Physicians Diploma of Aviation Medicine and instructing in the subject at the RAF Aviation Medicine Training Centre, RAF North Luffenham. On return to Australia she was promoted to Squadron Leader and posted as SMO 6 RAAF Hospital (1993), and then as SMO RAAF Williamtown (1994-5). During the latter posting, AVM Smart was deployed to the United Nations Assistance Mission in Rwanda as senior RAAF officer and aeromedical evacuation coordinator (1995).

AVM Smart completed tours as Chief Instructor (1996) and, upon promotion to Wing Commander, Commanding Officer of the RAAF Institute of Aviation Medicine (AVMED) from 1997 to 1999. As part of these duties she was the Investigating Medical Officer on a fatal RAAF F-111 accident investigation in Malaysia in 1999, for which she was awarded a Chief of Air Force Commendation.

AVM Smart undertook an exchange tour with the United States Air Force from 2000 to 2001, holding the positions of Chief, Flight Medicine Operations, and Chief, Flight Medicine Safety and Human Performance, in the Command Surgeon's Office, Air Combat Command, Langley Air Force Base, Virginia. Upon return to Australia in 2002 she was posted as Staff Officer 1 Clinical Policy, Defence Health Services Branch, but immediately deployed to Timor Leste as Chief Health Officer, HQ Peacekeeping Force and Australian Senior Health Officer in Timor Leste from January to August of that year.

AVM Smart was again posted as Commanding Officer, AVMED in February 2003. During this posting she deployed to the Middle East Area of Operations as Senior ADF Health Officer and Deputy Validating Flight Surgeon in support of coalition operations in Iraq and Afghanistan.

In August 2004, AVM Smart was promoted to Group Captain and assumed the role of Officer Commanding, Health Services Wing. In this role she commanded all Air Force health units and dispatched health teams in response to a number of operations and natural disasters.

AVM Smart also deployed as part of a Medical Assessment Element to assist in evacuation operations in Beirut during the July 2006 war in Lebanon.

AVM Smart attended the Australian Defence College's (ADC) Defence Strategic Studies Course in 2008. She was promoted to Air Commodore on 5 February 2009 and assumed the dual positions of Director General Corporate Health Management in Joint Health Command, and Director General Air Force Health Services. From 2010 to 2012 inclusive AVM Smart performed the role of Director General Garrison Health Operations in Joint Health Command, in which she managed health care at over 70 locations on Defence bases throughout Australia and oversaw a major reform in health service delivery in the ADF. From 2013 to 2015 inclusive AVM Smart was Director General Strategic Health Coordination with responsibility for policy and research coordination, military medical advice, the Australian Army Malaria Institute, the ADF Family Health Program, and the development and implementation of the Defence eHealth System.

In November 2015, AVM Smart was promoted to Air Vice-Marshal and assumed the positions of Commander Joint Health and Surgeon General of the ADF on 3 December 2015.

AVM Smart was awarded a Master of Public Health (Defence) from the University of Queensland in 2007 and a Master of Arts (Strategic Studies) from Deakin University in 2009. She is a Fellow of the Royal Australasian College of Medical Administrators, the Australasian College of Aerospace Medicine, the Aerospace Medicine Association (US) and the Centre for Defence and Strategic Studies; and an Academician of the International Academy of Aviation and Space Medicine. AVM Smart is also an Honorary Fellow of the Australasian College of Health Service Management and is a graduate of the Harvard Business School Advanced Management Program. She has authored, or co-authored, fifteen published articles, a book chapter, and over 80 papers for presentation at scientific meetings in Australia and internationally, primarily in the areas of aviation medicine, aeromedical evacuation, and military medicine.

AVM Smart is a member of the Prime Minister's Advisory Council for Veterans' Mental Health. She was made a Member of the Order of Australia (AM) in the 2012 Queen's Birthday Honours List.

<http://www.defence.gov.au/Health/Home/Bio.asp>

MARVELLOUS MARITIME PRECINCTS IN THE USA

Author and photographer, Tim Ryan, NLA Vic-Tas Div Member

Continuing the journey south down to New York the South Street Seaport located near the Wall Street



financial precinct features a museum and several historic sailing ships and other vessels. The steel-hulled four-masted barque Peking built in 1911 in Hamburg for the German company F. Laeisz, better known as the Flying P-Line has previously been the main exhibit at South Street but was returned to its birthplace last year to be preserved and displayed with other historic vessels on the Hamburg waterfront.

Peking is a very significant ship and was one of the last generation of sailing ships used in the nitrate trade from Chile and wheat trade from Australia returning to Europe via Cape Horn.

Four-masted barque Peking



Sailing Ship Wavertree

However another significant sailing ship displayed at South Street is the Wavertree built at Southampton, England in 1885 for R.W. Leyland & Company of Liverpool. Wavertree has recently been restored to its former glory and is now the major attraction at the Seaport along with the Banks fishing schooner Lettie G Howard which was built in Essex, Massachusetts in 1893. The famous Ambrose light ship is also on display for access by visitors.



USS Intrepid

Heading up New York's Westside and located near the Manhattan Cruise terminal is the Intrepid Sea, Air & Space Museum one of America's leading historic, cultural and educational institutions. The Museum is centred on the former Essex class aircraft carrier USS Intrepid, which was commissioned in 1943.

Intrepid survived numerous Japanese Kamikaze and torpedo attacks during World War II and also participated in the Vietnam conflict. Intrepid also played an important role as one of the primary recovery vessels for NASA during the Mercury, Gemini and Apollo space programs and several space capsules are displayed on the ship's expansive hangar deck.

Opened in 1982, the Intrepid Museum has since welcomed more than 10 million visitors and serves as an educational centre and a monument to all who have served in the armed services. A recent addition to the flight deck is the former space shuttle Enterprise which is destined to become a great attraction for visitors to the Museum along with the world's fastest commercial supersonic aircraft, a British Airways Concorde which is located on the wharf beside the ship. The former USS Growler, a USN experimental submarine is also on display at the museum.



Fireboat John J. Harvey

Further downstream moored at Pier 66 on the Hudson is an interesting little vessel the former Fireboat John J. Harvey, launched in 1931 which, served the City of New York and New York Harbour until retired in 1994. John J. Harvey was the largest and fastest firefighting vessel when built capable of pumping 18,000 gallons per minute. The vessel assisted in many incidents on New York Harbour including fighting the fire aboard the former French Liner Normandie which was destroyed at its berth in February 1942 while fitting out as a troopship for the US Navy.

Preserved by a dedicated group of volunteers the fireboat now serves as an operational museum and education centre and frequently offering trips on New York Harbour. On September 11 2001, John J. Harvey was recalled to service by the FDNY and served with distinction alongside the FDNY fireboats Fire Fighter and John D. McKean pumping water at the devastated World Trade Centre site for several days until water mains in lower Manhattan were restored to service.

Any visitors to New York and interested in classic ships have a new tourist destination to visit at the little-known Maritime Industry Museum at Fort Schuyler in the Bronx. The Museum features the importance of the United States as a seafaring nation with a large collection of ship models, historic artefacts, nautical photographs and prints from the many steamship companies that have comprised the US merchant Marine over the past two hundred years.

The Fort Schuyler Museum is housed on the campus of the State University of New York (SUNY) Maritime College at historic Fort Schuyler, The Bronx, New York. Four wings of the fort's irregular pentagon-shaped edifice face Long Island Sound and its juncture with the East River.

The narrow land-spit now known as Throgg's Neck, upon which the Maritime College is located takes its name from John Throgmorton, who obtained a license to settle there from the Dutch Governor of New Amsterdam on October 2, 1642.

Construction of the fort began in 1833 and housed heavy guns to protect this strategic waterway from any invaders that may have attacked from the sea and particularly Long Island Sound and was built to accommodate a garrison of 1,250 men. In December 1845, the fort was ready for its armament of 312 seacoast and garrison guns, six field pieces and 134 heavy guns. The installation of the armament was completed in 1856, and the fortification was named Fort Schuyler, in honour of General Philip Schuyler, who commanded the Northern Army during the War of Independence. The fort was built of granite brought from nearby Greenwich, Connecticut and constructed in an irregular pentagon, shape and is said to have been the finest example in the United States of the French type of fortification for the purpose of both sea and land defence.

One of the wings of the old fort has now been converted into an extensive library while two other wings are used as classrooms for the College and the Museum. Visitors to the museum enter through fort's sally port (fortified entrance), and cross St. Mary's pentagon to enter the spectacular entry arch in the centre bastion where the museum entrance is located. The museum collection also serves as a depository for maritime industry books, periodicals, documents, papers, prints, photographs, and old steamship company records.



SS Empire State (VI)

Berthed outside the Fort Precinct is the Maritime College's current training ship the classic 172m SS Empire State (VI) which was laid down in 1961 as SS Oregon at Newport News Shipbuilding and Drydock Company, Newport News, Virginia.

Based upon the Mariner Class C-4 cargo ship hull, the C-4 vessels were designed in the early 1950's for the US Maritime Administration (MARAD), under the leadership of Admiral Edward L. Cochrane, to provide a nucleus of fast sealift capacity for the US Military after the limitations of the World War II era Liberty / Victory Ships were highlighted by the Korean War.

The 17,723 tonne vessel was built for States Steamship Company and was launched on September 16, 1961 and delivered to her owners in February of 1962 for service in various Pacific trades. In the 1970s, the vessel was purchased by Moore-McCormack Lines for the South American trade and renamed Mormactide and operated by that company until 1982 when it was taken out of service and sold to United States Lines but never operated by them. The ship was transferred to the Federal Government Reserve Fleet and later converted to a training ship in Wisconsin and re-named Empire State VI being delivered to the State University of New York Maritime College in 1989.

Each year in the Spring the Empire State undertakes a 90-day voyage to Europe and return on behalf of the Maritime College with a complement of 684 cadets and 107 officers and crew. Officially the veteran ship remains part of the US Maritime Administration's ready reserve fleet for use as a troop ship if required and along with the similar TS Kennedy from the Massachusetts Maritime Academy, the vessel was most recently used in 2017 for relief work in Puerto Rico following the damage caused by Hurricane Maria.

To be continued - Philadelphia region



**NAVY
CADETS**

AUSTRALIAN NAVY CADETS

TRAINING SHIP VOYAGER

146 Nelson Place Williamstown
VIC 3016

Email: tsvoyager@cadetnet.gov.au

INVITATION TO TS VOYAGER ANNUAL INSPECTION

On Sunday 6th May 2018, TS Voyager will be conducting its annual Ceremonial Divisions as part of our Annual Assessment. We will be competing against other Cadet units within Victoria for the title of 'Best in Flotilla'. A title TS Voyager has won on numerous occasions in recent years and will be vying to receive two years consecutive.

The winner of each Flotilla then goes on to compete for the 'Navy League Efficiency Trophy' as the Best Cadet Unit in Australia, which TS Voyager won in 2007 and was runner-up in 2011 and were drafted to compete for last year.

On behalf of TS Voyager, I would like to invite you and/or a representative from your organisation to our Ceremonial Divisions Parade, where you will have a chance to see the Cadets and Staff putting their skills into action. The day will include a Ceremonial March Past, a Review by the Flotilla Commander, as well as specialised instructional classes for cadets.

WHEN: Sunday 6th May 2018
WHERE: TS Voyager, 146 Nelson Place, Williamstown
DRESS: W2's – Winter Ceremonial Uniform, with medals
TIME: 0940 (9.40am) arrival for a 1000 start. **Please arrive on time, as we will be commencing at 10am sharp.**
RSVP: tsvoyager@navycadets.gov.au by Friday 4th May 2018

I would like to take this opportunity to thank you for your ongoing support of TS Voyager and the Australian Navy Cadets. Community support is vital for the success of our unit and the ANC as an organisation; we look forward to seeing you at our Ceremonial Divisions Parade.

Yours sincerely,

Loretta Coste
Lieutenant ANC
Commanding Officer
TS Voyager
Mobile 0411 566 675

MRH-90 Taipan



Type	Multi Role Helicopter
Manufacturer	Australian Aerospace (Eurocopter subsidiary)
Number in use	6 (from a pool of 46 shared with the Australian Army)
Origin	Europe (as part of the NH Industries consortium)
Length	16.13 metres
Height	5.23 metres
Weights	<ul style="list-style-type: none">• 6,400 kilograms (empty)• 10,600 kilograms (max takeoff)
Speed	300 kilometres per hour (maximum)
Range	800 kilometres
Crew	2 pilots, 2 loadmasters
Engines	2 × Rolls-Royce Turbomeca RTM322-01/9 turboshaft, 1,662 kW (2,230 shp) each
Performance	<ul style="list-style-type: none">• Service ceiling: 20,000 feet• Rate of climb: 8 metres per second

The Multi Role Helicopter (MRH) will replace the ADF's existing Black Hawk and Sea King fleets with increased and improved capability, ability and capacity to meet emerging requirements. 46 MRH-90 aircraft will be acquired for Navy and Army.

The first two aircraft were accepted into service in Brisbane on 18 December 2007 in a ceremony attended by The Hon Greg Combet MP, Parliamentary Secretary for Defence Procurement.

The MRH-90 capability will have more built-in safety features that meet or exceed today's requirements and utilise the latest technology including composite materials and fly-by-wire systems that will provide more efficient maintenance.

When completed, the MRH-90 will be available for two airmobile squadrons, one special operations support squadron, and one maritime support helicopter squadron able to provide airmobile and maritime support capability to the ADF from land bases as well as the Canberra Class Amphibious Assault Ships.

<http://www.navy.gov.au/aircraft/mrh-90-taipan>

Sikorsky MH-60R Seahawk



Type	Anti-submarine/Anti-surface/Search and Rescue helicopter
Manufacturer	Sikorsky/Lockheed Martin
Origin	USA
Number Ordered	24
First Delivered	2013
Last Delivered	2016
Speed	180 knots
Range	245 nautical miles
Crew	4
Engines	2 x General Electric T700-GE-401
Weapon Systems	<ul style="list-style-type: none">• AGM-114 Hellfire air-to-surface missiles• Mark 54 anti-submarine torpedo
Operated by	725 Squadron

The MH-60R Seahawk is the Royal Australian Navy's next generation submarine hunter and anti-surface warfare helicopter and will form a very important part of its operations for years to come. The MH-60R is equipped with a highly sophisticated combat systems designed to employ Hellfire air-to-surface missiles and the Mark 54 anti-submarine torpedo. The primary missions of the 'Romeo' helicopter is anti-submarine warfare and anti-surface warfare. Secondary missions include search and rescue, logistics support, personnel transport and medical evacuation. The MH-60R and its mission systems will replace the fleet's S-70B-2 Seahawk aircraft.

The Australian Government approved the acquisition of 24 MH-60R Seahawk 'Romeo' naval combat helicopters at a cost of over \$3 billion. The helicopters are largely military off-the-shelf built by Sikorsky and Lockheed Martin and were acquired through the Foreign Military Sales (FMS) process from the US Navy.

Navy will have the capacity to provide at least eight warships with a combat helicopter at the same time, including Anzac Class frigates and the new Air Warfare Destroyers. The remainder will be based at HMAS *Albatross* in Nowra, New South Wales, and will be in various stages of the regular maintenance and training cycle.

<http://www.navy.gov.au/aircraft/sikorsky-mh-60r-seahawk>

HMAS Toowoomba's MH-60R helicopter



HMAS Toowoomba's MH-60R helicopter conducts a flare firing en-route to South East Asia. Imagery is available on the Navy Image Library at <http://images.navy.gov.au/S20180645>.

Image taken by ABIS Steven Thomson.

MH-60R Seahawk helicopter



HMAS Ballarat's embarked MH-60R Seahawk helicopter conducts a forward passenger transfer with HMAS Rankin.

Imagery is available on the Navy Image Library at <http://images.navy.gov.au/S20180377>.
Image taken by ABET Grahame Kelaher.

SHRINE REPORT

Legacy Day



The 87th annual [Legacy Anzac Commemoration Ceremony](http://www.legacy.org.au/anzac-commemoration-ceremony) for Students saw Victorian children come together on Friday in support of those left behind when veterans pass away.

Melbourne Legacy president Hugh Robertson said the organisation was “honoured to ensure the sacrifices of loved ones are never forgotten through education and commemoration”.

“While the majority of Legacy’s beneficiaries are widows, many of whom are in their 80s and 90s, we are receiving more requests for support from families of veterans who have served post-1991,” he said.

Among those paying respects today were an honour guard of cadets from Melbourne High School and students from Feilding High School in New Zealand.

Victorian Governor Linda Dessau AC said Legacy performed a vital service and thanked volunteers for their “tireless” work.

<http://www.heraldsun.com.au/news/victoria/students-honour-veterans-at-legacy-anzac-commemoration-ceremony/news-story/008027446e1368f29c1e9bc91dbbbcc8>

ANZAC Day Dawn Service

Thousands gather in honour of service

In a public expression of respect for those who have served their country, an estimated 35,000 people attended the 2018 Anzac Day Dawn Service commemorations at the Shrine. Demonstrating the ongoing commitment to honouring service and sacrifice by the community of Victoria.

This year’s Veteran’s Address was delivered by Group Captain Annette Holian, an Orthopaedic Surgeon with extensive experience in trauma and disaster response who has served on multiple deployments including Afghanistan, East Timor and Bandeh Aceh.

For the first time, veterans of recent conflicts led the Anzac Day March from Federation Square to the Shrine, with Navy father and son Warrant Officer Martin (Marty) Grogan OAM RAN and Captain Darren Grogan CSM RAN leading the procession. An estimated 10,175 current service men and women, veterans and descendants participated in the March.

Shrine CEO, Dean Lee reflected that *Victorians are resolute in honouring those who have served and died in defending our way of life. The growing participation in commemoration is proof they will never be forgotten.*

GPCAPT Annette Holian's Dawn Service Veteran's Address



Your Excellency, Parliamentarians, Senior Officers, my community.

In the predawn light we gather on this holy ground to remember those who served and those that we lost. We honour the bravery of those who left comfortable lives, family and jobs to answer Australia's needs. We honour the sacrifice families made to keeping the world and Australia safe. We reflect on what we can give in return.

For many today, thoughts will turn to the diggers of World War one. I discovered a long and honourable history of army service by men in my family, including a Military Medal earned by Gunner George Ridgway on 24th April 1918. I have great uncles

buried on the western front, others remembered on the Menin gate- branches of the family snipped off too soon. One was Private Hedley Howard Thomas. A stretcher bearer, he was shot and killed by a sniper in July 1918 whilst tending to a wounded soldier.

12 months on, a baby boy was named for him. Another Hedley Thomas. He served with the Royal Australian Engineers in Papua New Guinea in World War 2. My living Uncle Hedley is with us today. I honour his service and those of his generation. We remember too those who served in Korea, Vietnam and other conflicts who received little support from our community on their return.

But today I stand before you as a woman, a mother, a sister a daughter. I stand for current and recent serving members of the ADF. I stand for the medical teams who served in our longest war. I stand as an orthopaedic surgeon with the honour of representing my generation in my city.

As a child growing up in Reservoir, I did not feel brave, but I was encouraged to try new things, to be who I wanted to be. I did not take the well-trodden path but made my own. Medicine was my calling. Surgery my passion. I did not plan to be a military surgeon, but in uniform I was able to go forward with our men and women and support them in austere and dangerous environments as they support us in securing peace. I have taken the opportunities as they arose. And they have taken me to extraordinary places and to serve with the very finest medical teams.

In Afghanistan our combined surgical and ICU teams were only small: 3 doctors, 5 nurses and 2 medics. We were never off-duty. I watched our two ICU nurses work 12 hr shifts on and off for three weeks straight to keep a local policeman alive. The doctors working in ICU were also on duty in the trauma bay and operating theatre. No relief. No rest in place. No moment when we couldn't be recalled to the trauma bay. Members who hold their values high and live them as they work. Caring compassionate humble people who are not afraid to show their humanity.

I want you to know the stories of those veterans who live amongst you now. We can live our lives cocooned in the comfort of our homes, never reaching our potential. But these men and women had the courage to let go of comfort. It did not mean they were not afraid. They acknowledged their fears, stepped forward took risks and served anyway.

We learned resilience through adversity. We learned to get through the challenges together. We explored the limits of our potential and found those limits far greater than we suspected. Yet now so many struggle to find employment.

Ask veterans about their service, what stories their medals tell. I want you to know of their bravery, their courage on bases, in hospitals and in the field. You will be inspired by their stories.

To me my medals represent personal hardship, specific challenges and many victories. Medical battles with scalpels, antiseptics, blood and dressings. Mateship and loss. Laughter and humour. Mine remind me of the people I cared for on deployment. A hungry child who lost an eye to a rock thrown by a farmer defending his crops. An 8yo who was shot as he slept. They reflect my efforts to save the remnants of a soldier's hands, lost when his grenade went off- enough to allow his home country to restore his ability to hold his baby. The soldiers we cared for who despite all odds made it off our operating table and back home.

They remind me of the emotion we faced. Living in the devastation in Aceh with streets and rivers choked with debris and thousands of bodies. The two survivors we cared for on a ship where on a clear sunny day we lost a helicopter and nine members of the Australian Defence Force. Those lost were medical teams and the helicopter crew. The dignity we gave our dead as we prepared them for their journey home. The grief we felt at their loss, but the leadership that supported us to complete the mission in their honour. In the dust of Oruzgan the pride we felt as Australians receiving those injured in the battle of Ana Kalay. The comfort they felt when they heard our accents and saw our Australian flag. A moment of familiar humour when I asked a soldier 'Crikey mate, what happened to you?': and he responded in kind: 'Shot in the guts, Ma'am!'. My medals remind me of the way we cared for those men not only as medical staff but as family before sending them back towards Australia, to safety.

Wondering always if we had done enough. If we were enough. Could someone else have done better? Through exercises and deployments, I have faced my own mortality I have crystallised what is important to me. Nurturing and supporting my family and junior doctors Ensuring our soldiers are backed by the very best medical care when they put themselves at risk.

I have raised my children to be courageous and independent. To get up even when totally overwhelmed. To show up and shift their thinking, to seize golden opportunities with open arms. To identify their values. To stand up for what they believe in. To speak up for those who have no voice.

I ask you, my community, to take up this challenge. I ask you to be brave. Stand up for what you believe in. Speak up for others. To be kind especially to yourselves. We are all imperfect, but that does not make us unworthy.

As a leader, whether in front of the group or from within. To help every member reach their potential, To encourage your children regardless of gender to be brave. Especially encourage girls to be brave, to stretch their experiences, to try, to fail, to get up and try again.

Acknowledge the small moments of courage in every day. Raise up the most vulnerable among us and give them a voice support each other, our youth and our veterans.

I ask you to join me in doing what we can every day to make life better for the veterans who served this community and allowed us to live with our current freedoms.

Honour their service, respect their sacrifice and support their families.

Give them connection and our community will reap the rewards.

LEST WE FORGET

EXHIBITIONS



For Humanity

Until 24 March 2019
West Gallery

What does it mean to save lives as others are taking them? Medics on the frontline give gripping accounts of their experiences. Stories of immense trauma are offset against moments of touching humanity. Sometimes when the stakes are high it is these flashes of compassion and humanity that endure.



Nerves and Steel

Until 29 July 2019
South Gallery

Discover the struggles and glory of the Allied forces against Japan's powerful navy and the role that the Royal Australian Navy played from December 1914 to September 1945 in securing the ultimate Allied Victory.



The Light Horse

Until 21 October 2019
East Gallery

While Australian infantry served in the grim trenches of the Western Front, their comrades in the Australian Light Horse were fighting a dynamic campaign of manoeuvre against the Ottoman Turks in the desert wastes of Sinai, Palestine and Syria. Featuring historic and contemporary paintings, and memorabilia from the now legendary light horseman.

TALKS & EVENTS



Courage in the Skies

Thursday 10 May, midday
Auditorium

Jim Eames recounts the remarkable story of Qantas and its crew in the face of the Japanese advance towards Australia. Flying unarmed planes through war zones, and at times under enemy fire, the airline supplied the front lines, evacuated the wounded and undertook surprising escapes.



Curator Talk: For Humanity

Tuesday 15 May, 11am
Departs from the Education Centre

Victorian service men and women since 1945 have helped the sick and wounded in war and peacekeeping across the world, sometimes in dire conditions and desperate circumstances. Join curator Dr Ian Jackson on a tour of this exhibition and discover how treatments and technologies have changed, but the need for courage and compassion has not.



Friends of the Shrine Luncheon

Friday 1 June, 1pm
Visitor Centre

An exclusive event for Friends of the Shrine members—the perfect way to meet fellow Friends. Joining us is guest speaker Group Captain Annette Holian, Shrine Governor and Orthopaedic Surgeon. Group Captain Holian has a background in trauma and disaster response and following the lunch will lead a Friends tour of the Galleries focusing on the history of medicine in war.



The Last Fifty Miles

Wednesday 23 May, 6pm
Auditorium

There were fifty miles to victory and defeat, fifty miles to collapse and renewal, and fifty miles to a new place for Australia among the nations of the world. They were among the most significant fifty miles in our history. Join Adam Wakeling as he explores the final battles for the Australian troops in the First World War and their significance.



From Rwanda to Afghanistan

Tuesday 29 May, midday
Auditorium

Wing Commander Alex Douglas, one of the first Australians to be awarded a Medal for Gallantry, will reflect on the key issues underpinning effective medical treatment on the front line. Alex's three decade career as a medical officer on active service has spanned the army, air force, Africa and Asia.



Leadership of Prime Minister John Curtin

In 1941, Australian troops were far from home fighting Axis forces across North Africa and the Middle East. By 1942, Japan had advanced on Singapore and seized Australian territories in New Guinea while America joined the Allies in the Pacific. John Edwards will discuss the leadership of Prime Minister John Curtin during this pivotal time in Australian history.

Presenter: John Edwards

Date: Wednesday 6 June, midday

Cost: \$5.00 (non-refundable if cancelled within 48 hours of the event)

Location: Shrine Auditorium

SERVICES

The Battle of Coral Sea Commemoration Service 2018

6 May 2018, 12:00pm

Wreath Laying on the Forecourt

Shrine Representatives:

Shrine Governor Commander Terry Makings AM

Shrine Governor Lieutenant Commander Chris Le Marshall

73rd Anniversary of Victory in Europe (VE Day)

Tuesday 8 May, 11am

Wreath Laying on the Forecourt



On 7 May 1945 the German High Command authorised the signing of an unconditional surrender on all fronts in the aftermath of Hitler's death: the war in Europe was over. On 9 May 1945, some 10,000 gathered to observe VE Day at the Shrine.

American Ex-Servicemen Association

Sunday 27 May, 2pm

Wreath Laying on the Forecourt



The Association was formed for the purpose of promoting the welfare of American ex-servicemen and women in Australia and to secure better relations between our two nations. A reception in the Shrine Visitor Centre follows this annual service.

Shrine Representatives:

Shrine Governor Major Maggie More RFD

Shrine Governor Lieutenant Commander Chris Le Marshall

Victorian Aboriginal Remembrance Service

Thursday 31 May, 11am

Wreath Laying on the Forecourt



Indigenous Australians have served in the Australian defence forces since the Boer War. Over 50 Indigenous ANZACs fought at Gallipoli, and more than 3,000 Aboriginal and Islander Australians served in the Second World War. This service commemorates their contributions and stories.

DISCOVERING THE SHRINE

HMVS Cerberus

(Located in the Colonial Section of the Galleries of Remembrance)



*Above: The model by Wally St John of Boronia, Victoria
Gift to the Maritime Trust of Australia by Sarah and Baillieu Myer AC, June 2007*

Cerberus was the pride of the small Victorian Naval force. The powerfully armed, modern turret warship arrived in Melbourne on 9 April 1871.

Its ballast tanks allowed the ship to sit low in the water, which made it less of a target and its armoured breast work protected it from enemy fire. In 1924, Cerberus was scuttled as a breakwater, just offshore at Half Moon Bay in Melbourne.

PODCASTS

Podcasts are available at <http://www.shrine.org.au/Whats-On/Video-and-Podcasts>:

Website: <http://www.shrine.org.au> Telephone 9661 8100.

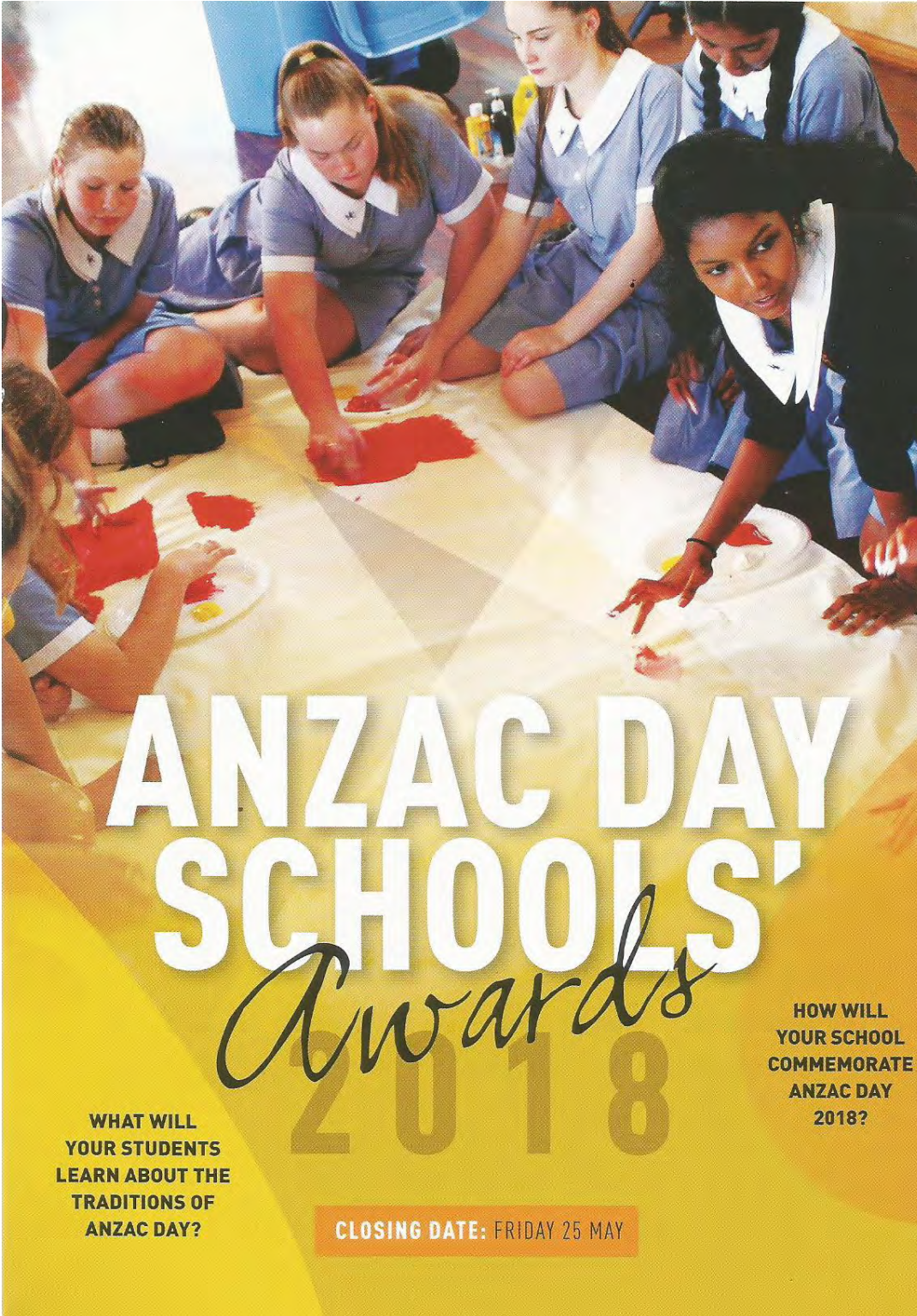
Note: there is now a \$5 charge for all public programs and bookings are recommended.

Editors: Ken Crook and Lynda Gilbert.

ERRATUM – Rosemary Creswell is the daughter of Sir Roy Dowling (April edition).

ANZAC SCHOOLS AWARDS

The ANZAC Day Schools' Awards are designed to encourage schools to commemorate ANZAC day and engage in learning about Australia's war time history. For more details, contact the Commemorations Officer on 133254 or email education@dva.gov.au



**ANZAC DAY
SCHOOLS'**
Awards
2018

WHAT WILL
YOUR STUDENTS
LEARN ABOUT THE
TRADITIONS OF
ANZAC DAY?

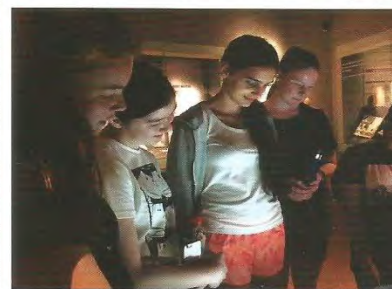
CLOSING DATE: FRIDAY 25 MAY

HOW WILL
YOUR SCHOOL
COMMEMORATE
ANZAC DAY
2018?

THE PREMIER'S SPIRIT OF ANZAC PRIZE

THE PREMIER'S SPIRIT OF ANZAC PRIZE

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