

The Traverse Board

Newsletter of the Friends Of The Paul McGuire Maritime Library Inc

March 2016

Proudly Supporting the Paul McGuire Collection of The State Library of South Australia.

News From The Friends

PRESIDENT'S ANNUAL REPORT

February 2016

The past year has, as always, been an interesting and enjoyable one for the Friends, and I have been pleased at the generally good numbers at our meetings,

The British Hotel has proved to be an excellent spot for our gatherings, this may have helped a little too.



Next Meeting

The March Meeting will feature Annie Roberts from The Friends Of The One And All telling us of the plans for that vessel.

Date: Tuesday **March 22nd 2016**

Time: Dinner 7:00pm – meeting 8:00 pm

Venue: **British Hotel, Port Adelaide.**

Cost: **Donation**

Dinner: Please let Julian know if you will attend for dinner on 0414 365 294.

Last March we enjoyed a tour of the "City of Adelaide", our guide for the day was Peter Christopher, one the prime movers in the effort to secure the ship for Port Adelaide. She is one of only two composite-built ships remaining, and it was interesting to see how she was constructed all those years ago.

Our navigator Friend, Mark Sinclair, told us of his circumnavigation of Kangaroo Island at our May meeting, quite an undertaking but it seems he did it without turning a hair, just sailed off one day and came back a week or so later!

In April a milestone was reached when Cape Horner Alf Jervis chalked up 100 years of life, and a very full life, too. This was celebrated at the Police Barracks, Thebarton. press on Alf.

Not much later, in June, we noted the passing of Neil Cormack, well-known naval architect and shipwright who was a generous supporter of the friends with his gifts of books, always happy to share his knowledge.

For our meeting in July Neil showed a DVD which sent a chill through us all, on the sinking of the Russian cruise ship "Mikhael Lermontov" in waters off the South Island of New Zealand. Amazing that only one life was lost, but so many others aboard were devastated by the experience, all brought about by the foolhardy antics of the pilot, who escaped the punishment he truly deserved.

In September Kingsley Haskett regaled us with tales of the boat-building industry of Port Adelaide, of which not much remains after being vandalised by the State government. However it was an entertaining evening, enjoyed by all present.

Our Annual Dinner was well attended, in October, once again at the R.S.A.Y.S. We enjoyed the company of Valmai Hankel also Squadron Commodore Rae Hunt with her husband Jeff, and so had a happy mix of people altogether.

Last thing for 2015 was our visit to the State Library to view the acquisitions of the past year under the guidance of new liaison person, Valerie Balagengadaran It was great to see these new (and old) books, some of which the Friends purchased for the McGuire Collection. Better get in there for a look-see! Pity that only four people managed to attend on the day, though.

At our recent AGM the committee structure was endorsed for another year, we watched film of two shipwrecks on the coast of New Zealand, and to cap it all welcomed no less than four new members, wonderful!

Looking forward to seeing you all at our next gathering, on Tuesday, March 22nd.

Regards, Julian.



British

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The Traverse Board

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Recent Visitors to Port Adelaide



The *Young Endeavour* 5th February 2016



Endeavour Replica 19th February 2016

The *Endeavour* was followed through the bridges by the *One and All*



The *Endeavour* under sail approaching Outer Harbor
Photo Trevor Powell



The *Queen Elizabeth* leaving Outer Harbor late in the evening of the 16th February
Photo Trevor Powell



The *Archie Badenoch* returning after delivering passengers to the *Endeavour*.



From last year: the *Celebrity Solstice* 20/2/2015
Photo Trevor Powell

Volatility tips Australia towards Japanese submarine bid?



A Collins-class submarine of the Australian Navy which will be replaced by the new submarines, Image: Royal Australian Navy

Australian Foreign Minister, Julie Bishop, told media during her recent visit to Japan that volatility in the region required a closer co-operation between Australia and Japan.

This comment was widely interpreted as a sign of inclination towards the Japanese bid for the Australian A\$40 billion submarine deal.

Separately, Australian news site SMH reported that the Japanese Foreign Minister Fumio Kishida during the same meeting urged the Australian government to award the deal to Japan stressing the strategic advance the cooperation between the two countries would bring.

Speaking to journalists after the meeting, the Australian minister however noted that a definite decision would be made only after the competitive evaluation process was completed.

Chief executive of Mitsubishi Heavy Industries, Japan's primary bidder, was reported as saying that both French and German options had "shortcomings". Namely, he insisted that the French proposal of retro-fitting a nuclear submarine with a diesel engine was not a good idea.

Media also reported analysts commenting the German option of scaling up a 2.000 tonne submarine to a 4.000 tonne one as a solution being wrought with "significant engineering challenges".

Also, U.S. officials have been reported as saying that the U.S. feared the French defence contractor, DCNS, who would be building the submarines would leak confidential information about the U.S. technology that would be fitted on the subs.

The Future Submarine Program is the largest Defence procurement program in Australia's history and represents an investment in the order of \$40 billion in Australia's security. A decision on who will be building the Collins-class successor submarines is expected to be made mid-year after Australia's new Defence White Paper is released.

Navy Today February 16, 2016

Navy commemorates the bombing of Darwin

Royal Australian Navy 20th February 2016

NAVY personnel and a patrol boat have taken part in Australian Defence Force commemorations in Darwin to mark 74 years since the largest single attack by a foreign power on Australian soil.

Up to 400 people were injured and 236 Australian and allied military personnel and civilians were killed in attacks by Japanese fighter aircraft on 19 February 1942.

About 200 Japanese fighter aircraft were launched from four aircraft carriers to conduct bombing raids on the then small city of Darwin.

The Japanese forces overwhelmed local defences, with all except one of the allied aircraft in Darwin destroyed and 14 vessels sunk or grounded.

The largest loss of life was suffered on the American Clemson class destroyer, USS Peary, which sunk with the loss of 88 crew from a ship's complement of 101.

The 2016 commemorations began at the memorial for the USS Peary in Darwin's Bicentennial Park.

There was significant representation at the service from across the Australian Defence Force and US Marines based in Darwin.

The USS Peary commemoration was followed by a large scale commemoration at the Darwin Cenotaph, with the highlight being a flypast by an RAAF AP-3C Orion aircraft and a gun firing re-enactment by members of Darwin's 1st Brigade, while the Armidale Class Patrol Boat HMAS Maitland provided a Navy backdrop in Darwin Harbour.

Navy Chaplain Dan Hynes lead prayers at both services.

"Seventy-four years ago, Darwin sustained an overwhelming attack," Chaplain Hynes said.

"A small and remote community at the time, today Darwin has grown into a vibrant centre of the Australian Defence Force and the centre of the Top End.

"What is significant is that then, Australians and US forces stood side-by-side to protect their interests, a partnership that continues strongly to this day in Darwin."

Wreaths were laid by dignitaries, officials and members of the public including Brigadier Ben James (Commander 1st Brigade), Colonel Brian Bailey (Deputy Commander Northern Command), Commander John Navin (Commanding Officer HMAS Coonawarra) and Wing Commander Wes Perrett (Commanding Officer RAAF Darwin) representing the ADF, while Colonel Dan Wilson represented US Forces in the Top End.



Commemorations in Darwin 74 years after the largest single attack by a foreign power on Australian soil.

THE SCIENCE BEHIND MARINE PARKS

by John Turnbull* *Afloat December 2015*

Australians love our coast. Almost 90% of us live within an hour's drive of the ocean. Once there, we swim, surf, boat, fish, snorkel, dive or just play on the beach. Our coastal lifestyle is deeply ingrained in our culture, even in our National anthem, and is something we want to preserve for generations to come.

Protecting our coastal lifestyle means ensuring our seas are clean and healthy, and conserving our wonderful marine life. Marine Parks are one of the best conservation tools available to us. By developing management plans and putting aside areas specifically for biodiversity conservation, we can restore the natural balance of our marine ecosystems.

The science that supports Marine Parks, and particularly sanctuary zones, is overwhelming. There are too many supporting scientific papers to quote here, but a few recent ones are:

- NSW, October 2015; sanctuary zones increase abundance of target species; large zones do this more quickly than smaller ones.
- Sydney, July 2015; two studies show local fully protected areas have seven times the abundance of large fish, three times the diversity of large fish and 50% more diversity in target species (Ferrari and Johnston, in preparation for publication).
- NSW, June 2015; snapper in marine sanctuaries are larger and more abundant, with 58% more fish of legal size.
- Worldwide 2014; study of almost 2,000 sites shows sanctuary zones have an average of five times the biomass and twice the diversity of large fish.

In 2014, 222 marine scientists signed a public statement in NSW emphasizing "sanctuary zones ... must be the corner stone of marine conservation ... to help reverse the decline in marine health, build resilience of marine life to climate change and serve as buffers against overharvest which often occurs under conventional fisheries management."

Today, NSW has six Marine Parks: Lord Howe Is, Byron Bay, Solitary Islands, Port Stephens, Jervis Bay and Batemans Bay.

There is, however, one marine bioregion wholly in NSW which does not have a Marine Park; Hawkesbury, including Sydney. In 2012, the Independent Scientific Review of NSW's Marine Parks recommended that this gap in marine protection be addressed as a matter of priority. The NSW Government is currently conducting an assessment to determine how and where to situate a Marine Park in the region.

Marine Parks balance recreation with conservation. They are "multi-use" which means that recreational activities are permitted throughout most of each park. A well-designed management plan balances the conservation of marine biodiversity with the various activities such as boating, diving, fishing and research. Our existing Marine Parks have some of the best marine life and recreational opportunities available in NSW.



Lord Howe Island



Sunrise over the Solitary Islands Marine Park – NSW Government Marine Parks

Marine Parks are like money in the bank; the increases in biodiversity and biomass are investments that preserve marine species and build resilience. The science supporting Marine Parks, and particularly sanctuary zones, has never been stronger.

As more of us live along ourcoasts, it is increasingly important that we manage our fragile marine ecosystems properly. We owe this to each other, to share fairly our incredible marine life. And we owe it to future generations, who will inherit the legacy of the decisions we make today.

* John Turnbull, BE, MBA, MMarScMgt, is President, Underwater Research Group of NSW.

Jervis Bay Marine Special Park
Diver with a weedy seadragon (Phyllopteryx taeniolatus)
Photos NSW Government Marine Parks



Jervis Bay Marine Special Park
Mangroves on Currambene Creek

Marine Park of the Month – January 2016

Date posted: 01 January 2016 DEWNR

Encounter Marine Park

Each month Nature Play SA in partnership with the Department of Environment, Water and Natural Resources (DEWNR) honours one of South Australia's National Parks, with January seeing us celebrate Encounter Marine Park.

A Marine Park is similar to a National Park. Instead of protecting ecosystems on land it mainly protects marine habitats such as reefs, sandy shorelines, seagrass meadows, and estuaries which all occur within Encounter Marine Park.

Throughout January there are a range of activities being run including Eco Beach Adventures at Port Noarlunga on 31 January and many other that can be seen on the National Parks Calendar of events.

The Marine Park extends from the base of the Fleurieu Peninsula to the north-eastern coast of Kangaroo Island and the Coorong. There are plenty of opportunities to observe and encounter marine life at places such as Port Noarlunga, Aldinga, Rapid Bay, Cape Jervis, Victor Harbor, Port Elliot, Bashams Beach, Antechamber Bay, Penneshaw, American River and Kingscote. You can also visit the park via the Deep Creek Conservation Park and the Coorong National Park.



Encounter Marine Park is home to leafy seadragons, whales, dolphins, seals, sea lions, sharks, cuttlefish, octopus, stingrays, hundreds of shorebirds and different types of fish such as the blue groper and blue devil.

It is culturally significant to the Kaurna, Ngarrindjeri and Ramindjeri people. Tjilbruke Dreaming falls within Encounter Marine Park and plays a significant role in local Aboriginal culture.

In December Nature Play SA explored the Park with rangers and some local families. The experience was captured on the Nature Play SA Blog. On the blog you will also find the '20 Things to Discover in Encounter Marine Park' poster that provides families with some places to go, wildlife to spot and other interesting things to discover.

Check out www.environment.sa.gov.au/marineparks/home for maps and more information about Encounter Marine Park. Or drop into the Victor Harbor Natural Resource Centre (check online for opening hours).



3 scenes from Second Valley a popular fishing spot.

Boost to Australian Wheat Export Cargoes

Last Updated on Monday, 25 January 2016 17:28

Written by John Young (Marine and Asia-Pacific Correspondent)



Wallaroo

The plan by Adelaide-based Viterra to introduce long term agreements (LTAs) to allocate port capacity at its six South Australian bulk wheat ports has been given the go-ahead by the Australian Competition and Consumer Commission (ACCC).

The LTAs will replace the current auction system as the primary method of allocating shipping capacity at the six ports. Adelaide, Ardrossan, Port Giles, Port Lincoln, Thevenard and Wallaroo. They will be introduced for the 2016- 17 shipping year, as the capacity for the current year has already been allocated through the auction system and the first-in- first-served process.

The LTAs will be available to export customers for an initial fixed term of three years, with a minimum commitment of 25,000 tonnes of capacity in each of the three years. Capacity will also be reserved for short term allocation each year.

The ACCC Commissioner Cristina Cifuentes said: "The ACCC considers that Viterra's proposal, submitted in November, substantially addresses concerns raised in its draft assessment to not approve Viterra's proposal made in June."

The key amendments of the November proposal included a mechanism for the ACCC to review the initial longterm capacity allocation process and a reduction of the initial term of the LTAs from five to three years.

http://www.seabreezes.co.im/index.php?option=com_content&view=article&id=2035:boost-to-australian-wheat-export-cargoes&catid=29:asia-pacific&Itemid=50

New Antarctic Icebreaker for Australia

Last Updated on Saturday, 02 January 2016 19:34

Written by John Young (Marine and Asia-Pacific Correspondent)

Rendering of the Antarctic design ship DMS Maritime, a wholly-owned subsidiary of Serco Australia, has been chosen by the Australian Government as the preferred bidder to build a new research and supply icebreaker vessel for the Australian Antarctic Division (AAD) of the Department of the Environment.

Under the proposed deal, DMS Maritime's subcontractor Romania-based Damen Schelde Naval Shipbuilding will design and build the 156m long ship, which will replace the Aurora Australis, 6,574gt, built by Carrington Slipways Pte Ltd, Newcastle, NSW, in 1990 for P&O Maritime Services management.



DMS Maritime will operate and maintain the ship in support of the Australian Antarctic programme and she is expected to supply cargo, equipment and personnel to Australia's three permanent research stations within its Antarctic territory as well as its research station on Macquarie Island.

http://www.seabreezes.co.im/index.php?view=article&catid=29%3Aasia-pacific&id=1992%3Anew-antarctic-icebreaker-for-australia&tmpl=component&print=1&layout=default&page=&option=com_content&Itemid=50

Australia 'Unable To Protect Domain' in Southern Ocean

Last Updated on Tuesday, 17 March 2015 19:31

Written by Justin Merrigan (Asia-Pacific Correspondent)

The Australian Defence Vessel (ADV) Ocean Shield, appeared in Hobart late in February sparking speculation it may soon start pursuing illegal fishers in the Southern Ocean.

The ship arrived as an ocean security research fellow said Australia is unable to protect its sovereignty in Antarctic waters. Dr Sam Bateman, a retired Navy Commodore and Fellow at the Australian National Centre for Ocean Resources and Security, said the large Australian waters in the Southern Ocean were increasingly being targeted by illegal fishing.

He said Australia was also unable to respond to search and rescue obligations, which were becoming more frequent due to increased fishing and cruise ship activity.

"Both these requirements, I see, are going to increase quite significantly in the years ahead," he said.

"We've had a number of incidents already this year where Australia actually couldn't do anything, despite the fact we had the primary obligation to respond."

Earlier in February, when the disabled Tasmanian fishing ship the Antarctic Chieftan became trapped in ice northeast of Antarctica's McMurdo Sound, it was a US Coast Guard vessel that went to her rescue.

Dr Bateman said a New Zealand naval patrol vessel responded to three foreign boats fishing illegally in Australia's Economic Exclusion Zone (EEZ) in January. Australia detected the boats by aerial patrol.

Dr Bateman said Hobart would be a logical place to base an ice class offshore patrol vessel. "If it was a naval vessel, its home port would probably be in one of the major dockyards, say in Sydney," he said.

"But Hobart would certainly be a logical forward-operating base for such a vessel. When it was undertaking regular operations in the Southern Ocean and Antarctica, it wouldn't be going back to Sydney all the time, it could operate out of Hobart."

The government has allocated funding for a new icebreaker to replace the ageing Aurora Australis, the tender process for which was due to close at the end of February. Plans for the new Antarctic icebreaker were dealt a blow when one of two competing shipping companies pulled out of the longrunning tender process. P&O Maritime, which operates the Aurora Australis, abandoned the project after three years of work, blaming what it says was an unusual procurement process.

http://www.seabreezes.co.im/index.php?option=com_content&view=article&id=1728:australia-unable-to-protect-domain-in-southern-ocean&catid=29:asia-pacific&Itemid=50

Australian Navy sets up training platform for Hobart-class destroyers

The Royal Australian Navy's new weapon system training platform for the Hobart-class destroyers has recently recently been certified.

A leading seaman electronics technician took to the firing panel recently during a weapons certification firing trial of the Mk 25 25mm Typhoon at West Head Gunnery Range, Flinders Victoria.

The event marked the final stage of the acceptance of the Air Warfare Destroyer Close Range Defence System part task trainer comprising of the Mk 25 Mod 2 Typhoon, operating console and simulator.

On completion of the firing certification process, the system will be available to provide initial training to weapon system operators and maintainers posted to the HOBART Class guided missile destroyer (DDG).

The Navy is planned to have three Hobart Class destroyers to provide air defence for accompanying ships in addition to land forces and infrastructure in coastal areas, and for self-protection against missiles and aircraft.

The West Head Gunnery Range occupies an area of approximately 16 hectares on the Mornington Peninsula, and is located approximately 70km south of Melbourne.

The Range was originally used by the Army in the 1890s as a shore battery and was taken over by the Royal Australian Navy in 1958.

<http://navaltoday.com/2016/02/22/australian-navy-sets-up-training-platform-for-hobart-class-destroyers/?uid=459>



Ocean Shield –
J Merrigan



Image: Royal Australian Navy

Optus, Electrotech all at sea with ferry Internet connections

18 February 2016 By Peter Dinham

Published in ITWire Telecoms & NBN



Optus and Electrotech have combined to ensure passengers on the Spirit of Tasmania ferry service are able to stay connected to the Internet while travelling between the mainland and Tasmania.

Under the partnership, Optus and Electrotech - a maritime communications and navigation equipment provider - will deliver satellite data streaming services alongside telemetry services, which provide communications visibility between the ferry and staff.

The solution includes SeaTel 6012—33 systems supplied, installed and commissioned by Electrotech to deliver the high bandwidth Internet.

Optus Satellite Vice President Paul Sheridan said the introduction of consumer data services is great news for travellers on the Spirit of Tasmania, and vessel owner TT Line.

“The two pronged technology deal will see service delivery for enterprise use – in order to keep the ferry and staff in communication, as well as additional capacity provided to allow passengers to connect to the internet.”

Electrotech’s Managing Director Stephen Renkert said the addition of wideband Internet via satellite to the newly refurbished vessels is an exciting development and “opens up a wide range of possible commercial services TT Line are now able to offer their customers.”

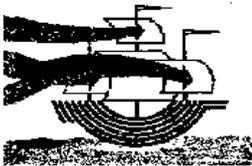
“Ensuring a purpose built design for this enterprise solution, rather than a re-purposed consumer internet solution was a critical success factor.

“In a digitally connected world people want access to news and information, or social media whenever and wherever they choose.”

Membership subs are now due. Please return the form below to the treasurer at the address shown.

Alternately you may pay your subs on 22nd March.

You can renew online: <http://www.fpmml.org.au/membership.shtml>.



The Friends Of The Paul McGuire Maritime Library Inc.

Membership Renewal

Ordinary Memberships are all due for renewal in January each year. Please send your \$30 to

The Treasurer,
The Friends Of The Paul McGuire Maritime Library Inc.
PO Box 3144
ABERFOYLE PARK 5159

Name _____

Address _____

_____ Postcode _____

Contact phone: _____ Alternative Phone: _____

We can send *Traverse Board* via email. Email Address: _____

Every member: if your contact details have changed please fill in the new details above and send the form to the Treasurer.