



## Australasian Institute for Maritime Archaeology Inc

### Newsletter

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## Americans Invade Kangaroo Island!

The year 2006 at Flinders University has issued another round of postgraduate students and new staff to the Maritime Archaeology Program. Straight off the boat, Ms. Jennifer McKinnon (Lecturer) and Ms. Claire Dappert (PhD Candidate) hit the ground running with a research program for Kangaroo Island's maritime heritage. Kangaroo Island, located just off the coast of South Australia's Fleurieu Peninsula, is a relatively untapped island of maritime cultural resources. Both McKinnon and Dappert have received research grants from Flinders University to fund two programs designed for understanding early shipping and shipbuilding practices on Kangaroo Island.

The broad scope of Dappert's project seeks to understand US shipbuilding activities in the maritime cultural landscape of Australia. US shipbuilding activities in Australia have received little attention by maritime historians and archaeologists; however, preliminary research conducted by Dappert has revealed that US shipbuilders were active in Australia during the early nineteenth century. The construction site of the schooner *Independence* by the US brig *Union* at American River, Kangaroo Island, is one archaeological site that elucidates the presence of American shipbuilding found in the historical record (continued on page 12).

Claire Dappert and Jennifer McKinnon  
Flinders University



Unidentified shipwreck shelter hut door, date unknown (Courtesy Flinders Chase National Park Museum).

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## AIMA NEWS

### President's Report

Hi all,

Well it has been a big last couple of months with the progressive Iron Steel and Steam Shipwrecks Seminar being held in Fremantle, Melbourne and Sydney during June. Thanks to all of the organisers the seminar was well attended and most successful, and AIMA intends to make all of the papers available on-line and in report form. A full report and a number of recommendations resulting from the seminar are presented later in this issue of the Newsletter.

In Victoria the opening night of the seminar was combined with the Heritage Council Award ceremony, which this year was presented to members of Southern Ocean Exploration (Greg Hodge, Mark Ryan, Peter Taylor and Mick Whitmore) all Maritime Archaeology Association of Victoria (MAAV) members and AIMA/NAS graduates. It was great to see the group receive this well deserved award and accolades for their efforts in discovering, and working closely with Heritage Victoria in reporting, the wrecks of the SS *Queensland* and SS *Kanowna*.

Some good news is that the Department of Environment and Heritage recently announced that AIMA would receive \$1800 for administrative costs under the Grants to Voluntary Environment and Heritage Organisations (GVEHO) grant scheme.

A commercial salvage firm Deeptrek recently sought sole rights to the recovery of all shipwrecks in St Helena Island, a British Overseas Territory in the Atlantic Ocean. A prime target was the salvage of the Dutch East Indiaman *Witte Leeuw* (1619) in St Helena harbour. Along with other international members of the Advisory Council for Underwater Archaeology (ACUA) AIMA provided advice to St Helena government officials, heritage groups and the British Overseas Territories Office in London recommending that a permit should not be issued – at time of writing it appears that the UK/ St Helena government will not be issuing a permit.

Following a request from Flinders University AIMA Council agreed to provide \$2000 towards the ongoing publication of the Maritime Archaeology Monographs and Report Series (MAMARS). The money will assist in printing new issues and reprints of sold out copies, and allow the report to accumulate DEST points enabling it to apply for research publication funding in the future. AIMA members will benefit by being able to buy copies of the reports at cost price (around \$5-10 depending on size). Contact Peta Knott at Flinders University of South Australia for further information.

Further good UNESCO news is that Portugal and Mexico have recently approved all steps for ratification of the UNESCO Convention for the Protection of Underwater Cultural Heritage and are awaiting UNESCO formal recognition. Once recognised this will bring the total number of ratifying nations to nine, leaving eleven places until the Convention comes into force in international law.

The AIMA/ASHA Darwin conference registration form is now on-line on the AIMA website, early bird registration closing date is 29 July 2006.

Hope to see you in Darwin!

Ross Anderson  
AIMA President

### Secretary's Report

Membership renewal due by 1 July 2006: Members please note that your AIMA membership renewal will be due very soon. Current membership ends on 30 June and renewals should reach the secretary by 1 July. The new membership renewal/subscription form is available on the AIMA website, please download the form and send it with payment to the secretary at the Maritime Archaeology Dept., WA Museum.

Bulletin Volume 30: Please note that the next issue of the AIMA Bulletin, Volume 30, will be ready in a few months. It will be sent to members of the 2005-6 membership year. Please ensure that you have updated your

contact details (particularly your mailing address) with the AIMA Secretary if it has changed since your last membership renewal/subscription.

AIMA/ASHA Conference 2006, Darwin, NT: AIMA Members intending to attend the upcoming conference (14–18 Sept) are reminded that the dateline for the early bird discount is 28 July.

Jen Rodrigues

## Iron, Steel and Steamship Seminar

Iron, Steel and Steam progressive Seminar ( Fremantle/Melbourne/Sydney)

Seminar Convenor & Organiser Fremantle M. McCarthy

Melbourne convenor Cass Phillippou

Sydney convenor Kieran Hosty.

In late June, the International Iron, Steel and Steamship Progressive Seminar celebrating firstly the presentation of the SS *Xantho* engine after over a century underwater and after twenty years of excavation (deconcretion), conservation, disassembly, more treatment, some restoration and re-assembly, got underway, commencing (for all bar Paul Mardikian (HL Humley & Andy Viduka (MTQ) who were to commence their travelling seminar with a visit to *Yongala*) at Fremantle on the night of Friday 23 June. Approximately 150 people attended the *Xantho* public lecture opening proceedings and then about 120 *Xantho* expedition, and conservation participants, volunteers, support staff and Broadhurst family attended the celebratory speeches, engine viewing and a 'BYO everything BBQ' on the Sunday night. Then with the twin themes of that celebration and the results of the last two decades of iron, steel and steamship archaeology in Australia in mind the seminar proper commenced on the Monday morning. In attendance were delegates from Britain (Ray Sutcliffe & Bob Mealings), the US (Paul Mardikian and John Broadwater), Hong Kong (Jonathan Ytse ship conservator) and the eastern & northern states (Andy Viduka, Peter Taylor and David Steinberg).

Speakers, presentations and topics at Fremantle before an audience averaging 40 people included, museum diving conservator Kalle Kasi's pictorial 'Xantho people 1872-2006'; Ray Sutcliffe: Iron, steel and steam developments in the United Kingdom; John Broadwater: Thirty years of cultural resource preservation by NOAA; Peter Taylor: SS *Queensland*, David Steinberg: Salvage and Port Darwin, lessons from the wreck of SS *Brisbane*; Ross Anderson: The maritime archaeology of the colonial passenger steamships *Clanmell*, *Corside*, *Monumental City*, *City of Launceston*, *Auckland*; Andy Viduka: SS *Yongala*, access and management; Col Cockram: 20 years recording iron, steel and steam wrecks in WA; Joel Gilman: Experimental archaeology: recreating the *Xantho* hull; Michael Gregg: An archaeologist's work is never done: exhibition as dialogue; Richenda Prall: From seabed to exhibition floor: The *Xantho* object; John Gorham: Piping on the *Xantho* a coppersmith's perspective; Corioli Souter: Stowage on the iron barque *Sepia*; Paul Mardikian (Authors: P.Mardikian, N. G. González, M. J. Drews & P. de Viviés.: New perspectives regarding the stabilization of marine & terrestrial archaeological iron; Jeremy Green: High tech searching at the Rottneest ship's graveyard; SS *Koonbarah*, HMA Submarines *AEI* & *AEII* search developments: A briefing on behalf of Kerry Thom, John Foster and Tim Smith; then Ted Graham; *HMAS Sydney II*. The impending search; Jon Carpenter: Conserving the Components - the *Xantho* Engine after disassembly; Ian Godfrey: The treatment of *Xantho* organics; Vicki Richards: The treatment of *Xantho* non-ferrous metals; Richard Garcia: Dis-assembly & re-assembly of the *Xantho* engine; John Broadwater: USS *Monitor* recovery expeditions, 1998-2002; Bob Mealings: The Conservation of the RN submarine *Holland I*; Paul Mardikian (Authors: P. Mardikian, M. J.Drews N. G. González, P. de Viviés, J. W. Hunter: Review of the world's large-scale iron ship projects, 1980-2006; M. McCarthy: The latest find! Delgado, Murphy *et al.* on *SubMarine Explorer*; and Ian MacLeod: Where to now in iron ship conservation?

From there the seminar travelled across to Melbourne (see Cass Phillipou's report) and then to Sydney (See Kieran Hosty's report. A set of recommendations were made and these will appear in the next edition of the newsletter. The papers will be published in electronic and hard copy form with a Mid August deadline for receipt back to the seminar organizers. While all 'travelers' attended 'under their own steam' AIMA, the WA Museum, Heritage Victoria and the ANMM strongly supported the IS&S progressive seminar in providing organizational framework, staff time, venues, equipment, flyers, expertise, advice and much other infrastructure.

Mack McCarthy

## Artifact Thieves Fined and Jailed in Palau

The Office of the Attorney General Palau reported on 29 June 2006 that two divers associated with the Australian owned vessel *Lionwind* have been sentenced to 3 and 6 months jail and fined US\$5000 and US\$12000. The owner of *Lionwind* also paid Palau US\$40,000 to settle a lawsuit filed by the local Attorney General's Office after it was discovered that *Lionwind* crew members had taken artifacts from some shipwrecks in the Palau lagoon.

There was strong Australian input supporting the Palau Office of the Attorney General on prosecution matters, conservation issues and valuation estimates on the artifacts. It is a significant and remarkable result for Palau and a wake up call for governments protecting their underwater heritage.

CDNN news (SOURCE - Palau Horizon)

KOROR, Palau (25 May 2006) -- Rolling Waves Ltd., the owner of the yacht *Lionwind*, has paid Palau US\$40,000 to settle a lawsuit filed by the local Attorney General's Office after it was discovered that *Lionwind* crew members had taken artifacts from some shipwrecks in the Palau lagoon.

The Attorney General's Office said after obtaining a search warrant to search the yacht, six artifacts were recovered from the *Lionwind* by police.

The artifacts were reportedly taken from four different Japanese vessels that were sunk in the Palau lagoon during World War II combat.

The vessels are the *Amatsu*, the *Choyu*, the *Ryuku*, and the *Maru*

The Palau Lagoon Monument Act provides that the Japanese vessels sunk in the lagoon and the contents of those vessels are to be preserved.

The law sets a maximum fine for the removal of an artifact at US\$1,000, so the maximum fine for the six artifacts found on the *Lionwind* is US\$6,000.

According to Attorney General Jeffrey Beattie, this made it difficult to obtain the US\$40,000 settlement. Beattie said, "The sunken Japanese vessels and artifacts are part of Palau's historical heritage. Divers come to Palau from all over the world to dive these wrecks. Once they are gone, there is no way to replace them. We need to amend the Lagoon Monument Act to provide for stiffer penalties for the removal of these kind of artifacts because a US\$1,000 fine is not much of a deterrent."

Beattie noted that approximately 66 Japanese vessels were reportedly sunk in Palau during World War II. Separately, the Attorney General's Office filed criminal charges relating to the wreck looting against the captain of the *Lionwind*, two crewmembers, and a local dive guide.

<http://www.cdnn.info/news/eco/e060525.html>

## Call for Nominations for Four Awards

### 1. Rhys Jones Medal for Outstanding Contribution to Australian Archaeology

Nominations are called for the Rhys Jones Medal for Outstanding Contribution to Australian Archaeology. The Rhys Jones Medal is the highest award offered by the Australian Archaeological Association Inc. It was established in honour of Rhys Jones (1941-2001) to mark his enormous contribution to the development and promotion of archaeology in Australia. The Medal is presented annually to an individual who has made an outstanding and sustained contribution to the field. Established in 2002, previous winners include Isabel McBryde (2003), John Mulvaney (2004) and Sharon Sullivan (2005).

Nominations should consist of a one page statement outlining the nominee's archaeological career and how this work has benefited Australian archaeology. Note that nominees do not need to be members of the Association; be an Australian citizen; or work exclusively in Australia or on Australian material.

All nominations will be considered by the Executive of the Australian Archaeological Association Inc. with advice as appropriate from senior members of the discipline. The decision of the Executive is final and no correspondence will be entered into.

Nominations should be received no later than 30 September 2006 addressed to the President:

**President**

Australian Archaeological Association Inc. Archaeology, M405  
University of Western Australia  
35 Stirling Highway  
Crawley WA 6009

The recipient will be announced at the Australian Archaeological Association Inc. Annual Conference.

**2. John Mulvaney Book Award**

Nominations are called for the John Mulvaney Book Award. The Award was established in honour of John Mulvaney and his contribution and commitment to Australian archaeology over a lifetime of professional service. It was created to acknowledge the significant contribution of individual or coauthored publications to Australian archaeology, either as general knowledge or as specialist publications.

Nominations are considered annually for books that effectively bridge the gap between academic pursuit and public interest reflecting the philosophy of John Mulvaney's life work. Established in 2004, previous winners include Val Attenbrow for "Sydney's Aboriginal Past" (2004).

Nominations must be for books written by one or more authors, but not for edited books, published in the last 2 calendar years. The nomination must be accompanied by at least 2 published book reviews. A short citation (no more than one page) on why the book should be considered must also be included.

All nominations will be considered by the Executive of the Australian Archaeological Association Inc. with advice as appropriate from senior members of the discipline. The decision of the Executive is final and no correspondence will be entered into.

Nominations should be received no later than 30 September 2006 addressed to the President:

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**3. The Bruce Veitch Award for Excellence in Indigenous Engagement**

Nominations are called for the Bruce Veitch Award for Excellence in Indigenous Engagement. The Award celebrates Bruce's important contribution to the practice and ethics of archaeology in Australia. In particular, the award honours Bruce's close collaboration with traditional owners on whose country he worked. It is awarded annually to any individual or group who has undertaken an archaeological or cultural heritage project which has produced a significant outcome for Indigenous interests. Applicants will have actively engaged with Indigenous communities to produce a successful outcome.

The nature of nominations is flexible (e.g. video tape, audio tape, poster etc), considering the wide range of Indigenous collaborations and the remoteness of some communities.

All nominations will be considered by the Executive of the Australian Archaeological Association Inc. with advice as appropriate from senior members of the discipline. The decision of the Executive is final and no correspondence will be entered into.

Nominations should be received no later than 30 September 2006 addressed to the President:

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The recipient will be announced at the Australian Archaeological Association Inc. Annual Conference.

**4. Life Membership for Outstanding Contribution to the Australian Archaeological Association Inc.**

Nominations are called for the Life Membership for Outstanding Contribution to the Australian Archaeological Association Inc. This award was established to recognise significant and sustained contribution to the objects and purposes of the Australian Archaeological Association Inc. previous winners include John Mulvaney, Jack Golson, Betty Meehan (2002), Val Attenbrow (2002), J. Peter White (2003), Luke Kirkwood (2004) and Isabel McBryde (2005).

Nominations should consist of a one page statement outlining the nominee's contributions to the Australian Archaeological Association Inc. Note that nominees must be members of the Association.

All nominations will be considered by the Executive of the Australian Archaeological Association Inc. with advice as appropriate from senior members of the discipline. The decision of the Executive is final and no correspondence will be entered into.

Nominations should be received no later than 30 September 2006 addressed to the President:

President  
Australian Archaeological Association Inc. Archaeology, M405  
University of Western Australia  
35 Stirling Highway  
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The recipient will be announced at the Australian Archaeological Association Inc. Annual Conference.

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## AIMA Mapping the Coast Project 2006

As part of AIMA's activities under the National Historic Shipwrecks Program 2005-06 we recently signed off on a grant for \$6354 to put together a database of sites involved in 'Mapping the Coast of Australia'. (The bid was reduced from the original bid amount of \$7000 of which it was intended to provide \$1000 to each state/territory to do the necessary work). The database development complements the 400th anniversary of the 1606 first European mapping of Australia's coast by Willem Jansz in the *Duyfken*, and *Duyfken* commemorative voyage, and was originally suggested by Bill Jeffery.

We are seeking interested members to contribute to the database by providing text and images of sites (for which they can be paid). It is intended that the database be for a general audience and be provided as an educational information tool. As a suggestion there would be perhaps 15-25 sites per State, though there is no limit provided the sites meet the criteria ie:

- significant to the theme of the mapping of Australia's coast

AIMA would like the sites to focus on archaeological and maritime archaeological sites, especially shipwrecks and underwater cultural heritage sites, however the sites may be any maritime heritage site eg; survey mark, careening site, geographical feature, contact site, annexation site.

In the attached document is a list of sites identified as having potential national significance in the recent 2006 publication 'Great Southern Land':

The mapping of 'Terra Australis' by Michael Pearson (published by DEH) which is a useful guide to some of the significant maritime exploration sites around the coast (but by no means comprehensive or inclusive of all UCH sites).

If you are interested in contributing to the project please contact me as a first step is to establish the national database working group (at least one from each State/ Territory), then agree on the fields etc. Some suggested fields are also included in the attached document.

I anticipate that most of the state agencies already have most of the data and images for the significant sites so it should be a reasonably straightforward matter to compile some text and images suitable for web publication - though you need not be a practitioner to do this work.

Jeremy Green has volunteered to create the final database so the information needs to be provided to the Western Australian Museum in a suitable form/ fields for final compilation.

Overall this project will be a really worthwhile educational project with long term benefits to AIMA/ DEH and schools/ the general public which is a prime goal of AIMA's - to educate and inform the general public about maritime archaeology and maritime heritage.

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FREMANTLE WA 6160  
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## AUSTRALASIAN NEWS

### Australian National Maritime Museum

**Iron, Steel and Steam progressive Seminar:** On the 29 June and 1 July 2006 the Australian National Maritime Museum hosted the Sydney section of the Iron, Steel and Steam Progressive Seminar Series.

The Sydney section commenced on the evening of Friday 29 June with three diverse presentations in the Museum's ANZ theater to an appreciative audience of more than 100 steam and steel enthusiasts, recreational and technical divers and naval history buffs.

Mr. Ted Graham, General Manager of Development at Mermaid Marine, and Director of HMAS *Sydney* Search Pty. Ltd. kicked off the evening with an interesting and informative presentation on the plans for the not-for-profit company to locate the remains of HMAS *Sydney* II, lost off the coast of Western Australia in 1941 following an encounter with the German raider HSK *Kamuran* using the latest in deepwater technology from Bluewater Recoveries.

Ted's presentation was followed by one by well known New South Wales technical diver and underwater photographer Dr. Mark Spencer. The last real shipwreck to occur in the Sydney area was the loss of the SS *Birchgrove* Park on 2 August 1956. The ship was lost off the far northern beaches of the city in a terrible storm while on a regular trip from Newcastle to Sydney. Mark interviewed the two remaining survivors of the tragedy along with some of the divers who have regularly visited the site since its discovery in the 1970s. Like all of Mark's presentation it was very well illustrated with fantastic still photos.

The final presentation for the evening was one by Dr. John Broadwater, former sanctuary manager of the *Monitor* National Marine Sanctuary from 1992 to 2005. In that capacity, he directed six major expeditions to the remains of the Civil War ironclad USS *Monitor*. During July - August, 2002, Dr. Broadwater was NOAA Chief Scientist for Monitor Expedition 2002, a NOAA/US Navy expedition that recovered the *Monitor's* 120-ton gun turret. In 2005 he became program manager of a new initiative, NOAA's Maritime Heritage Program.

On Saturday the venue moved from the Australian National Maritime Museum to the main deck of the famous 1938 Sydney ferry *South Steyne*. At 224' (70 m) the *South Steyne* owners claim it's the world's largest operational steam ferry.

The morning's sessions commenced with an informative and at times amusing paper on *The AEI Project - Australia's First Submarine* presented by CMDR John Foster, a former naval officer whose career spanned nearly 30 years. He had many interesting postings including five sea-going commands; two ships of the Royal Navy - HMS *Repton* and HMS *Shulton* - and three ships of the RAN - *Hawk*, *Parramatta* and briefly the former aircraft

carrier *Melbourne* John is the author of two books: *Hands to Boarding Stations!* the story of HMAS *Hawk* during Indonesian Confrontation Duties and *AE1 - Entombed but not forgotten*

Australia's first submarine *AE1* was commissioned at the outbreak of WWI and served in New Guinea waters in operations against the German colonies. On 14 September, *AE1*, accompanied by HMAS *Parramatta*, left Blanche Bay, New Britain, to patrol off Cape Gazelle. It was last seen by HMAS *Parramatta* at 3.30 pm that day. A search took place but no trace was ever found. John and his team have been looking for the submarine since 2000.

John's paper was followed by one by Tim Smith (Senior Heritage Officer, Heritage Office, Department of Planning) on *The Silent ANZAC: Recording Australia's lost Gallipoli Submarine AEII*. Tim is Director, Maritime Archaeology of the Submarine Institute of Australia's (SIA) expedition that has been documenting the historic Australian submarine *AE2*, lost near Gallipoli, Turkey, on 30 April 1915. This year the SIA team hoped to undertake the first systematic remote and diver-based archaeological survey of the *AE2* wreck site, while Tim is also embarking on a new project to remotely map and investigate the underwater battlefield landscape at ANZAC Cove and the Dardanelles peninsula

To keep the recreational and technical divers in the audience happy Tim's paper was followed by one by another well-known and highly respected deep water Tech. diver, John Riley – who is very well known to maritime archaeologists – as the name behind The Waterline Theory of iron and steel shipwreck site formation. In this thought provoking presentation John continued to exam the way iron and steel sites are formed and provided a new way of recording the degradation of these types of sites. A tool which should be of great use to underwater cultural heritage managers.

John's paper was followed by one from Ray Sutcliffe, former BBC documentary film maker who is well known for films on the *Mary Rose*, *Batavia* and *Xantho* along with his work and as one of the group that saved SS *Great Britain* and returned it to its home. Ray presented an overview of iron; steel and steam developments in the United Kingdom based upon his long-term involvement in the field and examined the interpretation of the few remaining examples of vessels from that period.

Another presentation for the Tech. divers in the audience was Samir Alhafith's paper on *The Sydney Project Team and the SS Cumberland, Liberty ship William Daves and the Beg*. Samir Alhafith is a specialist deep water technical diver and a recipient of a NSW Heritage Office Award along with other members of the *Sydney* Project team for their work on conservation of underwater cultural heritage.

The *Sydney* Project Team aims to extend the boundaries of diving exploration in Sydney (NSW) and surrounding areas. They educate and encourage divers to develop their skills and ability in a framework of environmental preservation, and work alongside governmental and scientific bodies. The team has carried out extensive work, recording and documenting deep water (100 meters plus) underwater cultural heritage sites such as the SS *Cumberland*, Liberty ship *William Daves* and the *Beg*.

*Bob Mealings* presentation on the Holland I submarine titled *If at First You Don't Succeed: The Conservation of Holland I* answered some of the more common questions that curators and archaeologists often get asked – such as Why don't you raise shipwrecks, submarines, artefacts ?

*Holland I*, was the Royal Navy's first submarine launched in 1901, paid off in 1913 and then sunk while on the way breakers yard. Bob's presentation explained how and why the submarine was salvaged in 1982 and why after 15 years, the Royal Navy Submarine Museum had to embark on a complicated six year conservation programme in order to save the vessel for a second time round. The paper looked at the dilemmas between, conservation, interpretation and access that had to be resolved in order to build the unique environmentally controlled gallery that now houses the submarine.

To wrap up the Sydney section and the Iron, Steel and Steam Seminar Series the final paper was presented by Dr. Mack McCarthy (Western Australian Maritime Museum), the instigator of the first Iron, Steel and Steam Seminar in Western Australia and the archaeologist responsible for the excavation of SS *Xantho* (1848-1872) amongst other things.

Titled *The latest find! Delgado, Murphy et al. on Submarine Explorer* Mack's paper looked at the invention and subsequent history of the *Submarine Explorer* – an innovative 19<sup>th</sup> century submarine that could descend to over 100 feet allow its operators to harvest the seabed for times approaching 4 hours each dive by opening hatches in the vessel's hull. Unfortunately the vessel's inventor along with some of the divers died from a mysterious fever (most likely) 'caisson disease' and the submarine was abandoned in Panama to be re-discovered by James Delgado in 2001.

Kieran Hosty





Iron, Steel and Steam progressive Seminar participants in New South Wales (Photo: Kieran Hosty, 2006)

## NEW SOUTH WALES

### *Heritage New South Wales*

**RAN participation on MAAP: Welcome to CDR Damien Allan:** CDR Damien Allen has accepted an invitation to join the Heritage Council of NSW's Maritime Archaeology Advisory Panel (MAAP) as replacement for CDR Rod Smith, HMAS Penguin. CDR Allen heads the FFG Upgrade Program at Garden Island and has an extensive knowledge and passion for naval history, and important contacts with RAN survey and diving operations. A formal paper seeking endorsement of the RAN representative was presented to the 5 April 2006 meeting of the Heritage Council of New South Wales with unanimous support.

**Anchors in Sydney Harbour, Tom Byron's references:** Author, Tom Byron, notified the Heritage Office of his recently released book on diving and dive sites in Australia and provided marks on two anchors near Middle Head. The location of the anchors is consistent with archival reports of the wreck of the barquentine *Edward Lamb* on 25 August 1834 with the loss of 12 lives. The Heritage Office conducted an initial inspection in early May and located two separate timbers in close association with one of these anchors. On a subsequent dive with a National Maritime Museum team, a timber sample was obtained and analysed but found to be an Australian hardwood, and thus not linked to the wreck site. The anchors appear to be possibly a form of a Pering's type anchor but further work is proceeding to confirm this. The Heritage Office and National Maritime Museum have been endeavouring for some time to locate evidence of the actual wreck site and the two anchors are the best indicators to date. Further survey is planned to record evidence of wreckage scattered between the anchors and Middle Head. A third anchor has recently been reported in the general area and said to be an Old Plan Long Shank type. Subsequent dives will aim to inspect this anchor and to see if there is any wider association to the *Edward Lamb* site.



Anchor 1' set in a sponge garden alive with colourful, starfish and nudibranchs, and corridors of kelp (Photo: D Nutley 2006).

**Berrima canoes report:** The Heritage Office has, through its Heritage Incentives Program (HIP), funded the National Trust of Australia (Berrima Branch) to conduct an initial archaeological assessment of the significance and potential for investigating a range of World War One-era canoes abandoned in the Wingecarribee River at Berrima. Built by German internees during the war, the 'fleet' was especially associated with Prisoner's of War from the SMS *Emden*, also interred at Berrima Gaol. The stage 1 report, prepared by Cosmos Archaeology Pty Ltd has now been completed and will assist the National Trust and Navy, the latter as providers of sidescan sonar expertise, to consider further options for investigation of the sites.

**s170s - Approval by Heritage Council of government agency Heritage Asset Management Strategies (HAMS):** The Heritage Office has been fast tracking State government agency compliance to the management of agency-owned heritage assets as required by Section 170 of the NSW *Heritage Act* 1977. Government departments are required to develop a Heritage Asset Management Strategy (HAMS) document, outlining how each agency is addressing the identification, management and conservation of heritage items, and to commit to a completion date for Section 170 Heritage & Conservation Registers. HAMS documents have now been received and endorsed by the New South Wales Heritage Council for Newcastle Port Corporation, Port Kembla Port Corporation, Waterways Authority and State Water. These agencies own, list and manage several maritime heritage sites including shipwrecks, wharves, jetties, maritime infrastructure (e.g. cranes), Pilot Stations, navigation aids, etc.

**SW Arm surveys, Port Hacking:** The Heritage Office is assisting with continued survey of potential submerged rock shelter formations in SW Arm, Port Hacking. The project, initiated by James Wheeler and Cos Coroneos has been actively supported by volunteers from the Underwater Research Group, (a Sydney dive club). To date 10 potential sites have been located and further survey is continuing. The Heritage Office is planning to assist with the extraction of core samples to determine whether and pre-inundation soil deposits have survived the inundation process.

**Notification of shipwrecks exposed during recent high intensity coastal wave events:** The Heritage Office has received notice of 2 shipwrecks uncovered during recently, one, an unidentified wreck on a beach near Evans Head on the north coast and another, the steamer *Myra* on the south coast at Steamers Beach, Wreck Bay. The Heritage Office visited the *Myra* site but, being in a surf zone on a very exposed part of the coast, underwater survey was not possible on the day and only a position fix could be obtained. Plans for investigation of the Evans Head site are being developed.



Wave breaking over *Mynna* wreck site (Photo: David Nutley, 2006).

**New wreck discovery – *Iron Knight*:** Divers from The Sydney Project dive team have undertaken the second deepest dive in NSW's history when they confirmed the *Iron Knight* shipwreck in 125 metres of water on 17 June 2006. Located off Bermagui on the NSW south coast, the dive team, using rebreathers, located the wreck with Bermagui dive charter operator Keith Appleby. The wreck was known to commercial fishermen. *Iron Knight* was a BHP bulk carrier torpedoed by the Japanese submarine *I-21* in 1943 with 36-crew killed. *I-21* was also involved in the midget submarine raid in Sydney Harbour the year before, launching its spotter plane over Port Jackson. A publication is in press with the *AIMA Bulletin* Vol. 29 2006 on the development and rapidly expanding activities of these deep wreck technical divers, focussing on the recent achievements of The Sydney Project as a case study. The Heritage Office is liaising with DEH regarding listing the site as a Historic Shipwreck under the *Historic Shipwrecks Act* 1976.



Gun on stern of *Iron Knight* shipwreck (Photo: S. Alhafith 2006)

**Submarine Institute of Australia *AE2* 1915 submarine project:** The joint Australian-Turkish project seeking to undertake a comprehensive maritime archaeological survey of the Australian *AE2* submarine wrecked near Gallipoli, Turkey, is gaining momentum for its proposed September 2006 return. Tim Smith, Director Maritime Archaeology, has finalised archaeological survey tasks, team dispositions, permits and specialist survey partners. As part of their workup training, the expedition dive team will inspect the *Itata* (1906) wreck in Sydney Harbour and the *J-4* (1926) submarine in the Victorian Ships Graveyard in July. The corrosion and ultrasonic hull thickness measurement survey will be assessed by Dr Ian MacLeod at the Western Australian Museum, who has

joined the team as its corrosion specialist. These skills will be taken to *AE2* located in 73 metres of water as part of the comprehensive site monitoring work.

Lecture program: Heritage Office staff have been busy with a series of public and professional lectures. They have included the Naval Historical Society of Australia; Aviation Historical Society; ANMM Dutch 400 years Conference; ANMM/WEA Midget Submarine Heritage Tour; Master Mariner's Association; DSTO Melbourne; and forthcoming presentations to the Iron & Steel Shipwrecks Seminar and Heritage Victoria.

David Nutley and Tim Smith

## SOUTH AUSTRALIA

### *Flinders University*

Americans Invade Kangaroo Island (continued from page 1) *Union* was outfitted by Fanning & Co. of New York in 1802 for a sealing expedition to the southeast coast of New Holland. Upon reaching the coast in 1803, *Union's* captain, Isaac Pendleton, attained information regarding excellent sealing grounds on Kangaroo Island from the French explorer Nicolas Baudin. *Union* set sail for this destination, but arrived after sealing season. The crew wintered in Union Harbor, known today as American River, where they constructed the 30-ton schooner *Independence*. Upon returning to Sydney for supplies, Pendleton sold a part share of *Independence* to Simeon Lord, a burgeoning Sydney trader. Lord continued the employment of this vessel in the sealskin trade. On 15 June 1805, *Independence* departed Port Jackson for a sealing expedition to the Antipodes Islands, but the vessel was never heard of again. Although the wreck site will probably never be located, its construction site presents an opportunity for a study into US shipbuilding activities in the maritime cultural landscape of Australia.

The archaeological investigation of the *Independence* construction site is only one site-specific target in a broader study that will explore nineteenth-century US shipbuilding activities as a theme in the maritime cultural landscape of Australia. Dappert will implement this theoretical framework as well as two strategies of inquiry, historical research and site-specific archaeological investigations, to explore US shipbuilding activities as a theme in the maritime infrastructure of Australia. As part of this exploration, two specific questions will be addressed during the investigation of the *Independence* construction site: what factors influenced Pendleton to choose American River as a location to construct *Independence* and how did the shipbuilders of *Independence* adapt to the new environment?

Dappert visited the location during McKinnon's project in April, but due to time limitations and a large survey area, she was unable to complete a thorough investigation. Dappert will return to the locale in mid-July and lead seven crewmembers in a comprehensive archaeological survey. The project will be funded by a Flinders University Postgraduate Research Student Project Support (P2) Grant. Methodology will consist of both a pre-disturbance survey and a magnetometer survey. The pre-disturbance survey will include locating the site, assessing the environment, particularly local timber species and other economic resources, as well as mapping site limits and significant features. The magnetometer survey will be carried out in conjunction with Ian Moffat of Ecophyte Technologies and will be utilized to detect ferrous remains such as remaining structures and blacksmithing debris.

The aims of McKinnon's project are to locate and document the archaeological remains of two early shipwreck mariner relief stations located at Cape du Couedic and West Bay on Kangaroo Island. During the 19th century maritime trade and traffic was expanding rapidly along the South Australia coastline. As such, shipwrecks, cargo loss, and loss of life increased. Lifesaving stations were erected along the south coast and on Kangaroo Island in an effort to decrease these maritime disasters and aid in the recovery of shipwreck survivors and cargo. Records indicate that as early as 1899 shipwreck shelter huts were erected on the west end of Kangaroo Island. These stations were not manned but were simply a shack built of corrugated iron, wood and stone. They contained enough supplies for shipwreck survivors to sustain until further help arrived. Items such as bread, meat, water, blankets and rockets were stored inside. A notice board was posted outside declaring the supplies were only for shipwreck survivors and that the nearest settlement was X miles away in a particular direction. Instructions were included on how to open the stores and fire the rockets. It is not certain if any shipwrecked people ever used these shelter huts as there are no mentions of this in historical documents thus far.

On 7 April 2006, a crew of six arrived at Kangaroo Island and set up headquarters at the Flinders-Baudin Research Center at Rocky River. A visit to the shipwreck shelter hut sites revealed that both areas posed physical challenges; Cape du Couedic proved to be a difficult terrain due to the rocky landscape and dense scrub, and West Bay consisted of steep sand dunes and thick vegetation. The best plan of action was to return and conduct

systematic pedestrian surveys in areas identified as having high probability. These high probability areas were based on viewsheds of shipwrecked sailors and rescuers on land. Historic photographs were also used to identify the locations of these shipwreck shelter huts.

Pedestrian and magnetometer surveys were conducted at both Cape du Couedic and West Bay. Two areas of probability were identified at Cape du Couedic including a square pit which was cut into the limestone bedrock approximately 2m x 2.4m wide and 25-40 cm deep (the estimated size of the historic shelter). Another possible shipwreck shelter location included a deposit of degraded corrugated iron scattered across an area of approximately 6.5 m square. A magnetometer survey was conducted surrounding the square cut limestone feature area. The survey data suggests this site may be the location of some form of activities. Future investigations at the site will be necessary to determine specifically if this was the site of the shipwreck shelter hut.

Another pedestrian and magnetometer survey was conducted at West Bay. The topography of West Bay is quite dramatic and active as the sands shift with each season creating and eroding small sand dunes near the surf zone. Using a historic photo of the shipwreck shelter we began the pedestrian survey in an area which allowed for several prominent features of the bay and rocks to align. An area on an elevated, less active dune was chosen to conduct a magnetometer survey. The magnetometer survey results revealed very little in terms of cultural remains of activity. It is likely that the shelter hut's existence will not be easily identifiable due to the highly active surf/dune zone in which it was located.

Overall, the project was a great success. Two possible locations of the historic shipwreck shelter hut were identified at Cape du Couedic and it is hoped that future research may provide more information about the locations.

**\*\* Claire Dappert is the recipient of an Endeavour International Postgraduate Research Scholarship (EIPRS) (2006-2009) and acknowledges their support.**

Claire P. Dappert and Jennifer McKinnon



Claire Dappert and Ian Moffat set up magnetometer survey at West Bay, Kangaroo Island (Photo: Jennifer McKinnon, 2006).



Shipwreck shelter hut at West Bay, Kangaroo Island, date unknown (Courtesy of Penneshaw Maritime and Folk Museum).

**Book launch:** Professor Faith Trent, Executive Dean of the Faculty of Education, Humanities, Law and Theology, launched the new book *Maritime Archaeology: Australian Approaches* (Springer, New York). This publication is edited by Associate Professor Mark Staniforth of Flinders University and Mike Nash from Tasmanian Parks and Wildlife Service.

Congratulations to Ms. Debra Shefi, a recent graduate of Flinders maritime program. Deb began work in June as a Senior Underwater Archaeologist for the Florida Division of Historical Resources, Bureau of Archaeological Research, Program in Underwater Archaeology. Congratulations also to Dr. Susan Briggs who will begin work for the Department of Heritage, New South Wales as a Graduate Heritage Officer.

Three new topics: The Maritime Archaeology Program is expanding by adding three new topics to its curriculum. *Ships research, recording and reconstruction* will focus on the theoretical and practical training of researching ships and ship construction. Students will learn nautical terminology, the basic components of a ship and activities onboard, principles of ship construction and rigging, procedures for taking and drafting ship lines and construction plans, hull analysis, procedures for graphic representation of hulls and principles of reconstructing ships. *Underwater Cultural Heritage: Legislation, Management and Interpretation* examines some of the effective approaches to protecting through legislation, managing and interpreting underwater cultural heritage used throughout the world. *Maritime Archaeology Practicum* will provide students with opportunities to participate in the workplace environment. Occasionally, maritime archaeology fieldwork opportunities arise in which students may assist government agencies, consultancy firms, non-profit groups, or other universities. This practicum will allow students to put their theoretical learning into practice, develop a sense of the workplace, enhance their employment prospects through additional training, build a network of contacts, and develop a range of personal and professional work skills. Each project is unique and will involve up to six students and 1-2 Flinders staff. It will be taught in intensive mode from 1-3 weeks and will necessitate involvement and input from a range of maritime archaeology practitioners. If you have any ideas for projects that might fit within the practicum guidelines please contact Jennifer McKinnon or Mark Staniforth.

Mark Staniforth will attend the mid-year meeting of the Society for Historical Archaeology (SHA) Board in Washington DC on 24 June 2006. While in the US he will also visit some eighteenth and nineteenth century shipbuilding sites on Chesapeake Bay that are being recorded by Jason Moser, a PhD candidate at Florida State University.

Mr. Jason Raupp will join Flinders University's Archaeology Department as their new Technical Officer. Jason moved to Adelaide from Florida where he graduated with a Masters degree in Maritime Archaeology from the University of West Florida and was employed as UWF's Dive Safety Officer.

The Maritime Archaeology Monographs and Report Series (MAMARS) is a series aimed at publishing in full honour and postgraduate theses and student and staff research reports. There are seven current publications with research subjects including aircraft losses (Victoria), survivors camps (Sydney Cove), whaling stations (Sleaford Bay and Newfoundland, Canada), maritime cultural landscapes (Port Willunga), and Australian ship construction. Two new MAMARS are in production and will be out in July. Issues are \$10.00 each and can be ordered online through the Flinders website.

The new Maritime Archaeology Alumni Prize has just been initiated through funds from the Maritime Program alumni for the best overall performance in the Master of Maritime Archaeology. This Prize will be awarded to the student who achieves the best overall result during their Master of Maritime Archaeology studies (based on their GPA for 54 units) in each calendar year. If you are an alumnus and wish to contribute to the prize, please contact Mark Staniforth (a special thanks to those who already have). Congratulations to Mr. Rick Bullers for winning the Maritime Archaeology Staff Prize for the best Master of Maritime Archaeology thesis of 2005.

Jennifer McKinnon

## VICTORIA

### *Heritage Victoria*

*Trim* the Kevlacat: *Trim* was officially launched by Minister Robert Hulls on Thursday 25 May at the Anchorage Marina in Williamstown. Peter Harvey & crew took the Minister for a spin around northern Port Phillip Bay, and his trip was captured by the media and broadcast on the evening news! The official launch of *Trim* follows on from a previous Minister's launch of the now retired Devil Cat MAU003 back in 1990.

**City of Launceston Trial Public Access Program:** The *City of Launceston* Trial Public Access Program concluded at the end of June, with bad weather pushing the program out well beyond the planned four week trial. During the program 15 separate groups accessed the protected zone and dived the site; these groups consisted of seven dive shops or charter operators; five dive clubs; two private groups; and a group of dive masters/instructors/charter operators undertaking risk assessments prior to taking divers to the site. In total 146 recreational divers accessed the protected zone during the program.

Many divers took photographs and video footage of the site and *in situ* artefacts, and some sent these into the Maritime Heritage Unit (MHU) with notes of thanks and positive feedback. The divers who wrote in were thrilled with the opportunity to dive the site and praised Heritage Victoria for initiating and conducting the program.

Several groups are awaiting access after the unseasonable bouts of strong winds and high seas in Port Phillip. Due to pressure to wrap up the program the final access day was Sunday 18<sup>th</sup> June, with Black Rock Underwater Dive Group finally getting to the site after three attempts. Groups who have been corresponding closely with the MHU to organise access again in good weather will be given the opportunity in November 2006.

The MHU will now assess the program and undertake inspections of the site to determine whether future public access to the *City of Launceston* is feasible. A report in the program will be published in the forthcoming AIMA Special Publication on the *City of Launceston*.

**Iron, Steel & Steam Seminar in Melbourne:** Iron, steel and steam shipwreck enthusiasts converged on Melbourne from 28<sup>th</sup> to 30<sup>th</sup> June for the Victorian leg of the Iron Steel and Steam Progressive Seminar (IS & S), convened by Mack McCarthy and organised in Melbourne by Cass Philippou.

The Melbourne sessions kicked off with keynote addresses by Dr John Broadwater on the USS *Monitor* program, and Peter Harvey on the past 20 years of iron and steam shipwreck management in Victoria. The speakers were welcomed to Melbourne by a crowd of ninety guests, with the evening hosted by Heritage Council Victoria as part of their special 2006 Heritage Council Award Ceremony (more on this below).

Victoria is one of the first states in Australia where research into more recent shipwrecks constructed of iron and steel and propelled by steam engines was initiated. The discovery of the *City of Launceston* was the catalyst for this research program. Victoria is also home to the oldest located steamship in Australia, PS *Clonmel* (1841), and just off Port Phillip Heads lay the remains of the SS *Corsica*, the first steamship to cross the Pacific Ocean in 1853. Port Phillip Bay is also the resting place of the National Heritage Listed HMVS *Cerberus* (1926).

The seminar drew a group of more than 50 professional maritime archaeologists, conservators, divers and volunteers together on Thursday 29<sup>th</sup> June to discuss developments in iron steel and steam shipwreck research over the past 20 years. International guests included Bob Mealings, curator of the UK's *Holland I* submarine UK historian and maritime documentary maker Ray Sutcliffe, and Jonathon TSE, assistant curator with Hong Kong's Leisure and Cultural Services Department.

As well as hearing about innovations and projects from the international guests, the speakers also presented information on local, interstate and international shipwrecks. Papers included a report from conservator Andy Viduka on the SS *Yongala* access program, the Friends of *Cerberus*' efforts to conserve the HMVS *Cerberus*, and revived searches for the missing warship HMAS *Sydney*. Local avocational archaeologists Peter Taylor and Mark Ryan of Southern Ocean Exploration (SOE) spoke on the SOE team's research and discoveries in southern Australian waters; Mack McCarthy repeated his Fremantle papers on the SS *Xantho* and Panama's *Submarine Explorer* and also provided a new paper on Australia's J-boats (presented by Peter Harvey). Cass Philippou gave a wrap up of the *City of Launceston* Public Access Program, local defence historian Denis Cahill spoke about Victoria's torpedo warfare, and Ross Anderson gave an overview of archaeological research undertaken on some of Victoria's most significant iron and steam shipwrecks.

On Friday twenty five delegates took a field trip to Black Rock to get a closer view of the *Cerberus* and to Sandringham Yacht Club to see the remains of the J7 submarine. In the lumpy sea conditions, Heritage Victoria's new boat *Trim* took teams of the delegates for a spin around the *Cerberus*, with one delegate having to take a quick dip in the chilly ocean to retrieve a set of lost keys (shiver). Documentary maker Jeff Bird grasped the opportunity of having John Broadwater in Melbourne to film footage of John talking about the significance of the *Cerberus* and *Monitor*.

Numerous AIMA/NAS Part 1 graduates attended the seminar, adding to their Part 2 conference component. Overall the seminar went extremely well, with great feedback received by Heritage Victoria following the event.

A big thank you must go to Mack McCarthy for setting up the travelling program and to all the speakers for their efforts. We look forward to some great ideas and developments in iron steel and steam shipwreck archaeology over the next twenty years!

Southern Ocean Exploration Team win Prestigious Heritage Council Award: On Wednesday 28<sup>th</sup> June at the IS & S welcoming drinks, five members of research and technical diving group Southern Ocean Exploration were announced as winners of the Heritage Council of Victoria's prestigious Heritage Council Award for 2006.

Greg Hodge, John Osmond, Mark Ryan, Peter Taylor and Mick Whitmore were selected as the second only recipients of this special award for their outstanding contribution to Victoria's heritage, related specifically to the research and discovery of the historic shipwrecks TSS *Kanowna* (1929) and SS *Queensland* (1876) in 2005. The SOE team are graduates of the AIMA/NAS maritime archaeology courses, and also members of the Maritime Archaeology Association of Victoria (MAAV).

Heritage Council of Victoria were pleased to be able to show support for the team, who have demonstrated an outstanding appreciation of, and commitment to, protecting and preserving Victoria's heritage. The group were awarded a \$2500 cash prize to put toward continuing their research. The SOE team have said they plan to put the money toward purchasing a side-scan sonar to assist them with their shipwreck searching and discovery. Congratulations to the guys for their hard work and contributions, the MHU look forward to collaborating with the team and continuing to develop our excellent relationship.

Staffing in the MHU: May 2006 saw the MHU farewell Brad Duncan, who has returned to his postgraduate studies fulltime to complete his PhD. The Maritime Infrastructure Assessment Project that Brad had been working on at Heritage Victoria since 2003 has finished its current round of funding. If anyone wishes to obtain a copy of the reports (Stage 1: Northern Port Phillip; Stage 2: Geelong) please contact Cass at the MHU.

Liz Kilpatrick is continuing to work with the MHU two days per week, but is also undertaking projects in other sections of Heritage Victoria.

Cassandra Philippou

## WESTERN AUSTRALIA

### *Western Australian Maritime Museum*

Port Gregory/Pakington whaling station: In January & February Ross Anderson inspected a newly-exposed site in the intertidal north of Port Gregory in concluding it was related to salvage activity of either the whaler *Irix* or the SS *Xantha*, or was part of a whaling station just inland at what was once known as Pakinton.

Middle Island, Recherche Archipelago: In April, Corioli Souter, Jennifer Rodrigues and Ross Anderson, examined two nineteenth century archaeological sites possibly related to sealers and whalers as well as the salt extraction industry were investigated by the Department in association with Al Paterson's team from the Centre for Archaeology at the University of WA and Traditional Owners. Funded by a UWA Research Grant, preliminary observations indicate that the Middle Island settlement is late 19<sup>th</sup> Century. The other site on a nearby island is a cave serving as small base for the storage of skins and for some residential activity by sealers. With 'Doc' Reynolds, representative of the traditional owners

STS Leeuwin Maritime Heritage Education Voyage: In May, Corioli Souter worked as a program coordinator for the Leeuwin Foundation providing heritage lectures and tours of the Abrolhos aboard both the STS *Leeuwin* and visiting Swedish East India vessel *Gothenberg*

WA Maritime GIS Program: All the survey work conducted in the field during 2005-6, including the latest National Heritage listings for Dirk Hartog Island (Inscription post area, Dampier's landing, the Perseverant camp, the French annexation area) and the Batavia site(s) in the Abrolhos were incorporated by Jeremy Green into WA Maritime GIS Program. GIS is also being adapted to help in identifying new wreck reports from the main WA Historic Shipwreck Database and to fix the location of sites shown on historical maps and aerial photographs.

Volunteers, Students and Internships: As the financial year closes it is worth noting that assisted and facilitated by all department staff, 22 volunteers worked out of the department on an occasional basis, producing research data, analyses, and books. Of these, Ms Odette Margot is presently translating a French language book work by Philippe Godard and Tugdual de Kerros on the French annexation of Western Australia in 1772 and



the Department has received a grant of \$5 000 from the WAM Foundation to assist with its editing and typesetting. Staff have also been assisting Honorary Researchers Peter and Jill Worsley with the preparation (copy-editing and typesetting) of the second in a series of books dealing with the wrecks of the mid-west region and the Houtman Abrolhos. Of the students and interns, postgraduate students working out of the department or with the collections, Nathan Woltermans from UWA has focussed on the guns and weaponry excavated from the four Dutch shipwrecks in Western Australia; John Eastland from Texas A&M University on the Batavia anchors; Nicolas Bigourdin from James Cook University on a compilation of early indigenous depictions of watercraft in Western Australia and Ryan M. Coughlan, from UWA on animal foods used by sailors in the east Indies trade.

#### Conferences, seminars and courses

**1606-2006 Celebrations:** Jeremy Green and Mack McCarthy contributed two chapters to Nonya Peters' celebratory work 'The Dutch down Under', and Mack presented lectures in Fremantle and at the ANMM on the *Zuytdorp* project as part of the Duyfken 400<sup>th</sup> celebrations. In these the successes of the project under Mack's direction (with Geoff Kimpton leading the in-water recovery phases) and the increasing difficulties of working the Zuytdorp site with the advent of the OH&SE legislation, restrictive rules governing the use of 4WDs and restrictions on the use of the Museum's workboat *Seaspray* in remote locations like Zuytdorp were explained. The need for further work on land and at sea was also examined.

**Strangers on the Shore:** Mack traveled to Canberra presented at the Strangers on the Shore conference at the ANMM, providing insights into the interaction between shipwreck survivors and Indigenous people and advising of the results of its Australia-wide 'contact shipwrecks program' and the plans for their future. This was a remarkable conference bringing together scholars from across Australia with an interest or involvement in Indigenous studies. The Aboriginal perspective, as enunciated by many present was a feature, providing both insights and a platform for enhanced understandings.

**Overseas:** Jeremy Green attended a meeting at the Australian Academy of Science in Canberra for three days in November was designed to promote collaboration and closer liaison between Australian and Chinese researchers in ocean science and technology. Presentations were given and discussions held on such topics as: acoustic and other methods of seabed mapping, including for marine archaeology; seabed sediment transport, especially in coastal waters; satellite and aircraft remote sensing of coastal seas.

He also attended the International Workshop on Management of Maritime Museum and Protection of Maritime Heritage in Taiwan and Mack assisted James P. Delgado and his team of Panama, Canadian and American interests in the assessment and in the production of management plans for a newly-found *SubMarine Explorer* in the Pearl Islands off Panama. Delivered too late for use in the American Civil War as a counter to the Confederate submarine *HL Hunley*, *SubMarine Explorer* was used in the pearl fishery, only to be abandoned when its crew began dying of a mysterious illness that later proved to be caisson disease or the bends.

Mack McCarthy

## NEW ZEALAND

### *Maritime Archaeological Association of New Zealand*

From the MAANZ Newsletter 25<sup>th</sup> Quarter, 2006, p.3: Members of MAANZ Auckland were involved in the relocation and documentation of an admiralty anchor found by a local boatie Bob McConnell recently off Te Muri Beach Mahurangi in February 2006. Bob located the anchor while retrieving his own anchor after a brief visit to the bay. He had originally intended to recover the anchor but had abandoned it in deeper water south of Saddle Island when it became apparent that it could not be transported off the bow of his boat outside the sheltered confines of the bay. Through the local Friends of Mahurangi society, Bob was put in contact Auckland Regional Council archaeologist Robert Brassey, who in turn briefly researched the vessel and contacted local MAANZ divers. The anchor is a removable stock type admiralty anchor (dimensions shank 1.21m, stock 1.3m) and is at presently believed to have belonged to the *Alpha* which was lost off Te Muri in 1892 after it began taking on water in rough seas. The vessel was transporting a load of kauri timber and towing a raft of kauri logs besides when it encountered strong northeasterlies. The master had unsuccessfully tried to shelter behind Saddle Island before abandoning the vessel. The newspapers reported that the cargo is likely to have kept the vessel afloat and made no mention of where it might have ended up. Divers involved in the project were Andy Dodd, Pete Callagher, Adam Rogers and Sandra Jack. Robert Brassey and Gary Dunne also assisted on the boat. Also

located as a result of the recent search at Te Muri in the vicinity of the original find spot was a large ballast mound of broken rock, although this is unlikely to relate to the wreck of the *Alpha*

Andy Dodd

## POSITIONS VACANT

### University of Southern Denmark

The Institute of History and Civilization, Center for Maritime and Regional Studies, University of Southern Denmark, Esbjerg, invites applications for the post of Assistant Professor in Maritime Archaeology. The position is available from October 1st 2006 or by agreement, and for a period of three years. Employment will cease without further notice at the end of the period. The University of Southern Denmark has started a maritime archaeology program in collaboration with the relevant archaeological institutions in Denmark. The University offers an international MA degree in Maritime Archaeology (two years taught and thesis degree). The course is taught in English. In addition to the academic program students will be offered the possibility to qualify as research diver and get experience in archaeological fieldwork.

The successful applicant will be appointed as Assistant Professor. A research record in maritime archaeological topics should be complemented with a wide experience in underwater archaeological fieldwork, preferably under adverse conditions. Candidates should have professional diving qualifications. Experience as a diving instructor will be an advantage. Applicants will be expected to guide students in underwater research and fieldwork activities, which will be conducted in close cooperation with Danish national and regional authorities. Team spirit and good communicative skills are essential. Besides adequate skills in the English language, applicants are expected to learn Danish during the first two years after appointment.

Applications will be assessed by an expert committee. Appointment as assistant professor requires qualifications at PhD level or equivalent. Applicants will be informed of their assessment by the university. As part of the overall assessment of the applicant's qualifications, an interview may be applied.

More information on the program, the position and on living in Denmark is available from the head of the program Professor Thijs Maarleveld, Institut for Historie, Kultur og Samfundsbeskrivelse, Niels Bohrs Vej 9, DK-6700 Esbjerg, Phone: (+45)6550 4152, E-mail: [t.maarleveld@hist.sdu.dk](mailto:t.maarleveld@hist.sdu.dk)

**Application and Salary:** The successful applicant will be employed in accordance with the agreement between the Ministry of Finance and AC (the Danish Confederation of Professional Associations). <http://www.perst.dk/db/filarkiv/9950/071-03.pdf>

Applicants are requested to forward a CV, certificates, information on previous teaching experience as well as a list of publications, stating the scientific publications on which the applicant wishes to rely. You can enclose up to 10 copies of relevant publications. In addition, a list of all enclosures must be enclosed - each enclosure being numbered and marked with the applicant's name. Enclosures must be assembled in sets.

The University encourages all interested persons to apply, regardless of age, gender, religious affiliation or ethnic background.

Please send the application, marked "Position No. 066011" and enclosures, including publications on which the applicant wishes to rely- all in 4 copies- , to University of Southern Denmark, Faculty of Humanities, Campusvej 55, DK-5230 Odense M, Denmark. The application must reach the University not later than 3 August 2006 at 12.00.

The text can also be found at: [http://www.jobs.sdu.dk/vis\\_stilling.php?id=2724&lang=eng](http://www.jobs.sdu.dk/vis_stilling.php?id=2724&lang=eng)

An assistant professor in Denmark is employed for a period of three years, after which an associate professorship will normally be posted. The teaching language will be English, but applicants are expected to learn Danish during the first two years after appointment.

More info on the programme can be found at [www.archaeology.sdu.dk](http://www.archaeology.sdu.dk).

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## NEW BOOKS, PUBLICATIONS, VIDEOS AND ARTICLES

### Maritime Archaeology Monographs and Reports Series (MAMARS)

MAMARS is a publication series produced by the Department of Archaeology Flinders University. This series publishes maritime archaeology staff and students' work for the purpose of disseminating this information to the archaeological community.

#### Issues Available

- No. 4 *A Nice Place for a Harbour or is it? Investigating a maritime cultural landscape: Port Willunga, South Australia*  
No.5 *An Assessment of Australian Built Wooden Sailing Vessels (constructed between 1850-1899) operating in the South Australian Intrastate Trade*  
No.6 *The History and Archaeology of the Gaultois Shore-Based Whaling Station in Newfoundland, Canada and Historical Background and Archaeological Survey of Balaena, A 20th Century Norwegian Whaling Station in Newfoundland, Canada*  
No.7 *Convict probation and the evolution of jetties at Cascades, the Coal Mines, Impression Bay and Saltwater River, Tasman Peninsula, Tasmania. An historical perspective*  
In Reprint (available in July)  
No. 1 *The Archaeology of Aircraft Losses in water in Victoria, Australia during World War Two*  
No.2 *Investigation of a Survivors Camp from the Sydney Cove Shipwreck*  
No.3 *Understanding the Sleaford Bay Tryworks: An Interpretive Approach to the Industrial Archaeology of Shore Based Whaling*  
In Press (available in July)  
No.8 *Quality of Construction of Australian-built Colonial-period Wooden Sailing Vessels: Case Studies from Vessels Lost in South Australia and Tasmania*  
No.9 *The Historical Archaeology of Tasmanian Based Whaling in South Australian Waters 1820-1850*  
No.10 *Surviving Inundation: An examination of environmental factors influencing the survival of inundated Indigenous sites in Australia within defined hydrodynamic and geological setting*

10 issues - \$80, 7 issues - \$55, 3 issues - \$25, 1 issue - \$10  
Copies of MAMARS can be obtained by contacting:

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Or order online at

<http://ehlt.flinders.edu.au/archaeology/research/publications/MAMARS/index.php>

### ICOMOS Heritage at Risk

The recently released special underwater heritage edition of the ICOMOS Heritage @ Risk series is now available electronically from the ICOMOS web site <http://www.international.icomos.org/risk/2006/index.html>

As stated in the latest edition of the ICOMOS newsletter:

A superb new publication has been added to the ICOMOS Heritage at Risk series. Underwater Cultural Heritage at Risk: Managing Natural and Human Impacts demonstrates the application of the principles of the 2001 UNESCO convention for the protection of the underwater cultural heritage. With over 30 authors, the book canvasses a wide range of underwater cultural heritage sites from around the world. These include shipwrecks, fish traps and inundated offshore deposits in Asia, South America, the Pacific, North America, South Africa and

Europe. They environments in which they are set range from tidal zones to the extreme depths of international oceanic waters.

In this booklet, heritage managers from government and private organisations share a wealth of experience in managing natural and human threats to these sites. Examples of natural threats include coping with the effects of marine borers, current and surge as well as metal corrosion. Risks arising from human activities are also addressed. These include direct impacts, (such as those related to diving on wrecks as well as commercial salvage) and indirect impacts associated with development projects (including construction of harbour facilities and dredging programs). The solutions are varied, imaginative and effective. They highlight the real opportunities that exist for governments and organisations faced with similar challenges and make this publication an invaluable reference work.

The publication is a joint venture of UNESCO, ICOMOS and the ICOMOS International Scientific Committee of Underwater Cultural Heritage (ICUCH).

## **Proceedings of the UNESCO Asia-Pacific workshop on the protection of underwater cultural heritage**

The proceedings of the Unesco Asia-Pacific workshop on the protection of underwater cultural heritage has just been published. You can find more information on [www.ial.uk.com/interrupted.php](http://www.ial.uk.com/interrupted.php)

## *Finishing the Interrupted Voyage* **Papers of the UNESCO Asia-Pacific Workshop on the 2001 Convention on the Protection of the Underwater Cultural Heritage**

Edited by Lyndel V. Prott

Published in March 2006

ISBN: 1-90398711-3

Martinus Nijhoff Publishers

The Protection of the Underwater Cultural Heritage: National Perspectives in Light of the UNESCO Convention 2001

*Second Edition*

Edited by Sarah Dromgoole

• July 2006

• ISBN 90 04 15273 3

• Hardback (450 pp.)

• List price EUR 135.- / US\$ 176.-

• Publications on Ocean Development, 55

The legal protection of the underwater cultural heritage is a field in which there is growing international interest. Shipwrecks and other underwater cultural remains in every maritime zone are threatened both by activities 'directed at' them, such as treasure hunting, and by activities 'incidentally affecting' them, such as mineral exploration and exploitation, pipeline and cable-laying, dredging, and fishing. Since the first edition of this collection (published in 1999), the urgent need for an international legal framework to regulate these activities has been formally recognised by the adoption in 2001 of the UNESCO Convention on the Protection of the Underwater Cultural Heritage. While the prospects for this Convention remain uncertain, it will undoubtedly have a profound influence on national laws and practice in this field. This second collection of essays examines the present state of law, policy and practice in sixteen different jurisdictions around the world in light of the 2001 Convention. Among other things, the viewpoint of each jurisdiction in respect of the Convention is considered and the impact that the Convention is already having, and is likely to have in the future, is explored. Eight of the essays are entirely new, and several new jurisdictions are covered (Finland, the Federated States of Micronesia, the Netherlands, New Zealand, and Norway). The other essays have been thoroughly updated and revised to take account of the Convention. The contributors come from a variety of backgrounds, but all have specialist knowledge and experience of their particular jurisdiction and a keen interest in the field.

Sarah Dromgoole is a Reader in Law at the University of Leicester, UK and is regarded as one of the leading international experts in this field.

Table of Contents:

Foreword, *James A.R. Nafziger*; Preface, Preface to the First Edition, List of Abbreviations, Notes on Contributors, Editor's Introduction, Chapter 1 Australia, *Bill Jeffery*, Chapter 2 China (including Taiwan), *Kuen-chen Fu*, Chapter 3 Finland, *Maija Matikka*, Chapter 4 France, *Gwénédelle Le Gurun*, Chapter 5 Greece, *Anastasia Strati*, Chapter 6 Ireland, *Nessa O'Connor*, Chapter 7 Micronesia, Federated States of, *Bill Jeffery*, Chapter 8 The Netherlands, *Thijs J. Maarleveld*, Chapter 9 New Zealand, *Piers Davies and Paul Myburgh*, Chapter 10 Norway, *Frode Kvalø and Lyder Marstrand*, Chapter 11 Poland, *Wojciech Kowalski*, Chapter 12 South Africa, *Craig Forrest*, Chapter 13 Spain, *Mariano J. Aznar Gómez*, Chapter 14 Sweden, *Thomas Adlercrantz*, Chapter 15 United Kingdom, *Sarah Drungdale*, Chapter 16 United States of America, *Ole Varner*; Annex: UNESCO Convention on the Protection of the Underwater Cultural Heritage 2001, Selected Bibliography, Table of International Instruments, Index.

## Shipwreck *Denbigh* Publication

The Institute of Nautical Archaeology is pleased to announce the second publication of the *Denbigh* Shipwreck Project report series. The famous blockade runner wrecked at Galveston in May 1865 was one of the Civil War's most successful. The stealthy British paddle steamer made 13 round trips from Havana, first to Mobile and then to Galveston. The *Denbigh* was the last runner out when Admiral Farragut's Union fleet captured the Confederate forts at the Mobile Bay entrance in August 1864. She then began her runs to Galveston, continuing the lucrative business of exporting Southern cotton in return for manufactured army supplies and goods for civilian consumption.

The new *Denbigh* report is entitled *The Confederate Quartermaster in the Trans-Mississippi: the Blockade Runner's Texas Connection*. Eliot Werner Publications has reprinted this classic-but long out of print-history of the Confederate Army's supply service for which the ships running the Union Navy's cordoned brought in the sinews of war. Recent archival research after five campaigns of underwater archaeology has concentrated on exactly what supplies both military and civilian came into Galveston plus how and why the trade was conducted as it was. Some of these details are introduced (for later expansion in a separate volume) by the new introduction to the book and in an extensive new appendix. The additions highlight the blockade runner's place in the Confederacy's complex and ultimately insoluble problem of obtaining all kinds of manufactured items from abroad.

The first book in the *Denbigh* Project series is *The Civil War Adventures of a Blockade Runner* by Watson (2001 reprint by University of Texas Press). This memoir, originally published in 1892 and also long out of print, is also introduced by Barto Arnold and fills a gap in the *Denbigh* story. We have no first-hand accounts of the *Denbigh*'s adventures, but Watson was captain of Galveston runners under both sail and steam. He wrote most informatively and interestingly about navigating the same waters. In fact, he once grounded and subsequently extracted his ship from a sand bar within a stone's throw of the spot in the bay entrance, where the *Denbigh* later grounded and was destroyed.

These two books are part of a series of books coming out of the underwater archaeological excavation of the *Denbigh* shipwreck. See <http://www.eliotwerner.com/arch.html>

## AIMA CONFERENCE 2006

PLEASE SEE CALL FOR PAPERS AND REGISTRATION FORM ATTACHED TO THE BACK OF THE NEWSLETTER

### Location and Conference Venue

The conference will be held during the Dry. Visitors can enjoy a daytime temperature ranging from 29°C-32°C with clear blue skies and low humidity, and evening temperatures a very pleasant 17°C-23°C. Lightweight summer clothing is worn all year-round. In the Northern Territory's climate, it is important to consume adequate amounts of water to prevent dehydration; people should drink at least eight (8) glasses of water a day.

The conference sessions will be held at the Museum and Art Gallery of the Northern Territory (MAGNT) Theatre, Conacher Street, Fannie Bay, Darwin, Northern Territory. Field trips will also depart from the Museum.

### QANTAS GROUP TRAVEL:

Qantas is the official carriers for the 2006 joint AIMA/ASHA conference. Book online with Qantas and save time and money. Online airfares are cheaper than bookings over the phone. Plus, you will have access to all the latest fares. BOOK ONLINE NOW through the following websites:

ASHA [www.asha.org.au/conference2006.htm](http://www.asha.org.au/conference2006.htm), AIMA [www.aima.iinet.net.au/conference/conference.html](http://www.aima.iinet.net.au/conference/conference.html)



#### Prizes

\* This year we are pleased to announce that prizes will be offered to the Best Paper and Best Student Paper presented at the conference.

\* Other prizes are for Best Poster and Best Student Poster together with the student travelling the furthest to attend the conference.

\* The best Conference Paper is proudly sponsored by University of Western Australia Press.

\* Further prizes sponsorship has been generously provided by The Charles Darwin University Bookshop.

\* To be eligible for the Best Student Paper, the student must be enrolled fulltime, be a sole author, and presenting on current thesis research. Voting Ballots for Best Paper, Best Student Paper, Best Poster, Best Student Poster are in the conference package.

#### ACCOMMODATION:

Darwin offers a full range of accommodation. In the CBD there are luxury hotels, medium price hotels, apartments and quality backpacker's accommodation. Listed below is a selection of accommodation. For a more comprehensive cover, check the yellow pages in the Northern Territory Telephone Directory.

**Alatai Holiday Apartments.** Corner McMinn & Finnis Streets, 8981 5188

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

Studio either 2 singles beds or double room \$145 per night. Restaurant & swimming pool on site. These apartments are about a 25minute walk to the conference venue.

**Botanic Garden Apartments.** 17 Geranium Street, Darwin 8946 0300. Website: [www.botanicgardensapts.com.au](http://www.botanicgardensapts.com.au)

1 bedroom queen size bed \$198, 2 bedrooms for 4 people \$269, 3 bedrooms for 6 people \$349. All prices per night. Cooking facilities. Swimming pool. Pleasant walk of about 20 minutes to the conference venue through Botanic Gardens.

**Capricornia Motel.** 8981 4055. 44 East Point Road, Fannie Bay.

[www.capricorniahotel@bigpond.com](mailto:www.capricorniahotel@bigpond.com)

Budget accommodation \$55 single \$65 double self contained rooms. .Tea/coffee making facilities. Toaster in some rooms. Swimming pool. I inspected this accommodation, it is basic but clean and only a 7 minutes walk to the conference venue. There is a restaurant at both the Darwin Sailing Club & Trailer Boat Club that is only a few minute walk from the motel.

**Mirambeena Resort Darwin,** 64 Cavanagh Street, Darwin 1800 891 100.

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

Prices per room. Townhouse \$160.00; Deluxe room (2 queen-size beds) \$149.00; Motel \$119.00. Rates bases on 1 or 2 adults. Café & restaurant, swimming pool..

**Parap Village Apartments.** 39-45 Parap Road, Parap. 1800 620 913

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

2 bedroom apartment \$200.00, 3 bedroom apartments \$265.00. Fully self contained apartments. Swimming pool. These apartments are about a 15-20 minute walk from the conference venue.

**Quality Hotel Frontier Darwin.** 89815333. 3 Buffalo Court Darwin

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

Corporate rate \$119 per night. 25 minute walk to Museum. Hotel has restaurant and bar facilities and swimming pool.

**Saville Park Suites** 88 The Esplanade, Darwin 8943 4333

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

1 bedroom \$290.00, 2 bedrooms \$500.00.

Top of the range.

Skycity Darwin Hotel Casino Gilruth Avenue, Mindil Beach, Darwin.

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

Deluxe room king or queen & single or 2 single beds - \$145.00 based on 2 people sharing, with ocean views \$175.  
Superior king bed or 2 doubles - \$205.00 based on 2 people sharing, with ocean views \$235.00, VIP suite with king bed, en-suite with corner spa and separate lounge room - \$245.00 based on 2 people sharing, with ocean views \$275.00. Swimming pool & restaurants.

From hotel, it is an easy 15 minute walk to the conference venue.

**Backpacker's accommodation:** Budget priced some with separate rooms and communal kitchen. Many of these have a swimming pool.

Banyan View Lodge 119 Mitchell Street, Darwin. 8981 8644

Chilli's Backpackers 69a Mitchell Street, Darwin. 1800 351 313

Frogshollow Lodge 27 Lindsay Street, Darwin 1800 068 686

Website: [www.frogs-hollow.com.au](http://www.frogs-hollow.com.au)

Gecko Lodge 146 Mitchell Street, Darwin. 8981 5569

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

Melaleuca on Mitchell 52 Mitchell Street Darwin. 1300 723 437

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

YHA 69 Mitchell Street, Darwin. 8981 3995

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

#### VEHICLE HIRE:

Thrifty Car Rental Bookings: 1800 022 188 64 Stuart Highway Darwin.

Europcar 77 Cavenagh Street, Darwin Bookings: 1800 811 541

Budget Rent A Car Corner Daly Street & Doctors Gully Road Darwin Bookings  
1300 362 848

Avis 91 Smith Street Darwin 13 63 33 Bookings:

Chepa Rent-a-car bookings 8981 8400 90 Mitchell Street, Darwin

Airport Shuttle 1800 358 945

#### RESTAURANTS:

Darwin is a multicultural society and the array of award-winning cuisine in Darwin is endless. The sheer variety, quality and range of restaurants in the city area are staggering for a city of its size. The Darwin Wharf Precinct offers a variety of eating options from alfresco to top class seafood.

#### DARWIN ATTRACTIONS:

\* Mindil Beach Sunset Markets: Mindil Beach, Gilruth Avenue. 5.00pm - 10.00pm

Thursday evenings and Sundays from 4.00pm - 10.00pm.

\* Australian Pearling Exhibition: Stokes Hill Wharf Darwin

\* Crocodylus Park: 815 McMillan's Road, Berrimah.

\* Jumping Crocodile Cruise: Adelaide River Bridge.

\* Territory Wildlife Park: Native wildlife in natural habitats. 40 minutes drive from Darwin.

\* Litchfield National Park: Walks, rock holes and waterfalls - 1½ hour drive from Darwin.

\* Kakadu National Park: World Heritage listed - 3½ hour drive from Darwin.

\* WW11 Oil Storage Tunnels: Kitchener Driver, Darwin city.

\* East Point Military Museum

\* Fish feeding at Doctor's Gully

THE AIMA NEWSLETTER IS SUPPORTED BY:  
THE HISTORIC SHIPWRECKS PROGRAM



**Australian Government**

**Department of the Environment and Heritage**

## OTHER CONFERENCES

### Fourth International Meeting on Archaeological Theory

This is the First Announcement of the Fourth International Meeting on Archaeological Theory in South America, to be held in San Fernando del Valle de Catamarca, Argentina, from July 3rd to 7th, 2007. The Meeting is organized by the Doctorate in Human Sciences of the Faculty of Humanities and the School of Archaeology of the National University at Catamarca, and counts as one of the World Archaeological Congress' activities in the region. After the meetings at Vitoria (Brasil, 1998), Olavarria (Argentina, 2000) and Bogota (Colombia, 2002), and because we know that silence won't help us understand Archaeology in our region, we want to regain the impulse. And with that aim is that we want to meet those who work within Archaeology and those who are in some way interested in Archaeology, pertaining themselves to researched societies, because of their activities or their interests. Extending the dialogue is the one of the aims of the meeting.

This announcement includes also a CALL for SYMPOSIA proposals, being August 20th 2006 the deadline. While in this stage there is considerable flexibility in possible formats, we are thinking on symposia including 4 to 8 papers each. Proposals and/or ideas regarding symposia/workshops/roundtables/etc are wellcome. Please write to [taascatamarca@gmail.com](mailto:taascatamarca@gmail.com).

Alejandro F. Haber

### The Second MAG International Conference: Managing the Marine Cultural Heritage II: Significance

In September of 2004, the Maritime Affairs Group of the Institute of Field Archaeologists organised and ran a very successful International conference entitled *Managing the Marine Cultural Heritage*. The principal behind the conference was the recognition that recent decades have witnessed an expansion of archaeological activity under water and in the coastal zone, which has raised awareness of the potential and importance of the resource. But it has also lead to the realisation of the threats to this material are widespread and ongoing (Satchell, 2004).

The Conference invited speakers of an International calibre, and was attended by an equally International audience. Following the success of the 2004 IFA MAG conference, we are pleased to announce: *Managing the Marine Cultural Heritage II: Significance*

This two-day conference will present and debate issues surrounding determining, presenting and managing significance in the marine archaeological field. A range of international speakers will present their experiences from different countries and backgrounds.

Speakers include:

Marnix Pieter (VIOE Flanders Marine Institute - Brussell), L.N. Santhakumaran (Kerala State, India), Nic Flemming (UK), Stephen Kay (ArcheoMar Project - Italy), Jonathan Moore (Parks Canada - Canada), Ray Sutcliffe (UK), Brunenko Ivana (Dubrovnik University - Croatia), Ole Varmer (Titanic Team - US), Mark Staniforth (Flinders University - Australia), Marek Jasinski (Norwegian University of Science and Technology - Norway).

The Second edition of the Conference will take place once more in the Auditorium of Action Station - HM Naval Base in Portsmouth on 27-28 September 2006. For more information please visit the Conference website: [www.magconference.org](http://www.magconference.org) or email [paola\\_palma@hotmail.com](mailto:paola_palma@hotmail.com).

Paola Palma, Dave Parham

## AROUND THE WORLD

### The United Kingdom

English Heritage statement of policy and good practice (Posted on AIMAMEMBERS list 29 June 2006):

Colleagues

For information, English Heritage has launched a statement of policy and good practice that sets out the approaches and standards related to portable antiquities that English Heritage will apply to work on designated



sites, projects that it funds, and work that it undertakes directly, land or sea. The Policy recognises the important contribution that portable antiquities or all types, including metal detected material, can make to increasing our understanding of the past.

At the outset of a proposed marine project where material is proposed for recovery, the document suggests that owners (where known) and project participants should be asked to sign a waiver recognising the requirement to report wreck material to the Receiver of Wreck foregoing any claim, and foregoing any claim to non-wreck material. Also, discussion of the deposition of material should be undertaken to include the Receiver of Wreck as well as the potential receiving museum, although it is recognised that the final deposition of wreck material cannot be agreed until the legal process of establishing ownership has taken place.

The document is available to download from: [www.english-heritage.org.uk/upload/pdf/Our-Portable-Past.pdf](http://www.english-heritage.org.uk/upload/pdf/Our-Portable-Past.pdf)

Ian Oxley

New Code of Good Practice for Marine Heritage Launched (13 June 2006): The Crown Estate and the Joint National Archaeology Policy Committee (JNAPC) have produced a new code to provide guidance to developers working in the marine environment on how to protect the UK's marine cultural heritage.

With the emergence of offshore renewables as a growing industry sector and an increased awareness of the need to manage and protect our marine historic environment, The Crown Estate and JNAPC thought it timely and topical to produce a revised version.

The new code looks to build on the principles set out in the original and offers guidance to developers on issues such as risk management and legislative implications. It also provides a comprehensive list of expert contacts for further advice.

The Joint Nautical Archaeology Policy Committee works to raise awareness of British underwater cultural heritage as well as developing proposals for legislative reform. Robert Yorke, chairman of JNAPC, said: "This is an opportunity to increase awareness about the need to take archaeology into account during offshore development. Not only can there be historic wrecks on the seabed but also the remains of prehistoric settlements."

Dr Carolyn Heeps, Head of Offshore & Environment at The Crown Estate, said: "The Crown Estate views the new code as an essential reference point for all sectors looking to undertake development of the seabed around the UK as it will encourage a responsible approach to preserving our cultural marine resources."

An Adobe Acrobat version of the code is available by following the link below:

[http://www.thecrownestate.co.uk/1391\\_jnanc\\_code\\_of\\_practice.pdf](http://www.thecrownestate.co.uk/1391_jnanc_code_of_practice.pdf)

Ian Oxley

## Turks and Caicos Islands

Slave Ship *Trinidad* Expedition to get underway in July: The Turks and Caicos National Museum is pleased to announce that a team of archeologists, museum staff, and filmmakers will return to the island of East Caicos July 9-22, 2006 to resume their search for the remains of the slave ship *Trinidad*. The expedition has a two-fold mission; to test excavate and identify a wooden shipwreck discovered during a 2004 expedition, and to expand the search area using state-of-the-art mapping and remote sensing equipment.

The *Trinidad* was a Spanish slave ship bound for Cuba that wrecked in the Caicos Islands in 1841. The ship had 193 Africans on board who were rescued, apprenticed for one year in the local salt trade, and then freed by the local British authorities. A large part of the local population today can trace their ancestry back to the *Trinidad*. The story has been uncovered through a decade of archival research conducted in eight countries on three continents and the Caribbean.

The *Trinidad* Project is a collaborative effort between the Turks and Caicos National Museum, the archeological research institute Ships of Discovery, film producers Windward Media/HoustonPBS, and the Government of the Turks and Caicos. The project is a multifaceted initiative to protect and study the remains the *Trinidad*, if found, and to preserve its cultural legacy. A documentary about the shipwreck and its survivors will be broadcast to an international audience.

The 2006 expedition is partially underwritten by a grant from the Ocean Exploration Program, a division of the United States National Oceanic and Atmospheric Administration (NOAA). Although better known for its weather prediction services, NOAA is also committed to the study and preservation of the earth's marine ecosystems and cultural resources.

Additional funding for the upcoming fieldwork is provided by the Friends of the Turks & Caicos National Museum, a US-based non-profit organization dedicated to supporting the Museum's research, operations, and outreach activities. Locally, the Turks & Caicos Tourist Board is also providing funding for the project.

The 2004 expedition was accomplished with support from the Hartling Group, the Royal West Indies Resort, the Ocean Club Resorts, the Turks and Caicos Hotel & Tourism Association, the Turks & Caicos Tourist Board, and private donors.

The Turks and Caicos Islands, a British Overseas Territory, is a chain of more than 40 islands southeast of the Bahamian archipelago with a population of less than thirty thousand people. Tourism comprises the largest segment of its economy, sustained by the country's beautiful pristine environment and, increasingly, its rich cultural heritage.

For further information or to support the Trouvadore Legacy Project, please contact: Nigel Sadler, Director, Turks & Caicos National Museum, 649-946-2161 or [museum@tcitway.tc](mailto:museum@tcitway.tc)

## Greece

Titanic explorer to seek shipwrecks in Aegean: Greek officials June 08, 2006 (c) 2006 AFP  
[\[www.physorg.com/news68987308.html\]](http://www.physorg.com/news68987308.html)

The explorer who discovered the Titanic's resting place is to undertake a search for ancient shipwrecks off the southern Greek island of Crete, the Greek foreign ministry said Thursday.

The search, by American oceanographer Robert Ballard, will be conducted in international waters, with the Greek culture ministry hoping to send a representative to observe operations, a ministry official said.

"Deep-sea research will be conducted in the area between Santorini and Crete, for the purpose of locating (ancient) Mediterranean sea trade routes, recording ancient shipwrecks etc," culture ministry general secretary Christos Zahopoulos told a news conference this week.

"The necessary steps are being taken so that the culture ministry can participate in this research," he said.

In 2002, the culture ministry's undersea antiquities department had cautioned the Greek authorities against collaborating with Ballard on another shipwreck project, according to a recent report in the Eleftherotypia daily.

"There is the risk of involvement in an operation...which could turn into a treasure hunt...concerning other ancient shipwrecks," department head Katerina Dellaporta wrote in a memo to the ministry, published by the newspaper.

"We are vigilant, but not worried," senior archaeologist Vivi Vassilopoulou, head of the Greek culture ministry's department of classical antiquities, told AFP.

"I don't think anyone will deny (Greece's) request (regarding observation)...as there is the possibility of an archaeology-related discovery that would demand the ministry's participation," she said.

According to the foreign ministry, Ballard's ship Endeavor will begin the expedition upon the completion of a separate geology project currently in progress near the Greek island of Santorini.

## **AIMA EXECUTIVE 2006 – 2007**

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Queensland: Andrew VIDUKA, Bill JEFFERY  
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New South Wales: Phillip BOWMAN, Tim  
SMITH

South Australia: Terry ARNOTT, Terry DREW,  
Peter BELL, Peta KNOTT  
Susanne JONES

Tasmania: Brad WILLIAMS

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Auditor: Byron Chartered Accountants

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## **EDITOR'S NOTE**

Apologies for the late production of this edition – we held off publication so as to adequately report on the Iron Steel and Steam conferences. Thanks again to all contributors.

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Contributors please note the deadline for contributions for the next issue (25.3) is Friday **September 15, 2006**. Contributions may be sent via mail, email or fax.



## AIMA/NAS Training Newsletter

Please send any contributions or comments to:

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Issue 28

June 2006

### *News from New South Wales*

**AIMA/NAS Course of 6 and 13 May 2006:** The Heritage conducted a Part 1 AIMA/NAS Training course on Sat 6 and Saturday 13 May for 8 students. As usual, the groups included an inspiring mix of divers and archaeologists, and included a number of members of *DiveFrontier Australia*, a group of technical divers. This is the second group of NSW technical divers to have undertaken the course and who are actively researching and documenting deep water shipwrecks along the NSW coast.



AIMA/NAS Part 1 course participants May 2006 (Photo: David Nutley).

David Nutley and Tim Smith

## YOUR STATE TUTORS

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**Tasmania**  
Position vacant

## COURSE STRUCTURE

### Part I

A 2 day introduction to maritime archaeology which includes at least 8 hours of classwork in addition to practical work underwater and on land.

Being able to dive is not a requirement for attending this course. The cost of Part I varies between \$120 - \$160 depending on the cost of venue hire. Those who complete Part I will receive AIMA Associate membership for one year. This is normally backdated to 1st July but for courses after 1st April participants can opt for membership commencing in the following July.

### Part II

The attendance of a Survey Day School, or lecture series, the equivalent of 2 days attendance at archaeology conferences and the completion of a short project.

The minimum requirement for the completion of Part II is the attendance of 7 approved lectures relevant to maritime archaeology, OR a Survey Day school which includes 2 lectures and practical survey work. Some of the Survey Day schools will be carried out above water to cater

for non-divers. All participants are required to submit a satisfactory report on a short survey project undertaken by themselves. Participants are also required to attend the equivalent of a 2 day conference in order to gain a background knowledge of current work in the field of maritime archaeology.

### Part III

The accumulation of 100 contact hours of tuition in six or seven subject areas.

The 100 contact hours can be accrued through special field schools of one or more weeks and/or through a number of weekend workshops.

### Part IV

The presentation of an extended portfolio of work on an approved subject/project, including a report to publication standard.

The Part IV graduate will also have to have done a minimum of 12 weeks total on at least three sites since beginning Part II.

**THE AUSTRALASIAN INSTITUTE FOR MARITIME  
ARCHAEOLOGY (AIMA)**

**&**

**THE AUSTRALASIAN SOCIETY FOR HISTORICAL  
ARCHAEOLOGY (ASHA) CONFERENCE**

Venue: Museum and Art Gallery of the Northern Territory

14 – 18 September 2006



Jack Dale, 2003. Title: 'Japanese bomb Roebuck Bay, Broome'

**'Land, Sea and Air –  
Australasian archaeology from 1606 to the present'**

**Call for Papers and Posters**

This year's theme for the joint AIMA/ASHA conference is 'Land, Sea and Air – Australasian archaeology from 1606 to the present'. The archaeology of the recent or contemporary past coincides this year with a celebration of 400 years of Dutch contact and papers are being sought for work relating to this period. In addition, the recent past encapsulates several milestones in human history: the advent of flight, two World Wars and ultimately human explorations into outer space. These and other milestones have left behind a material record that has become the focus of maritime, terrestrial and extra-terrestrial archaeological research.

The concept of land, sea and air hopes to attract a range of papers and posters that explores the different environments that humans have used in the past. Although aircraft, for instance, can be found in virtually all environments across the planet, many, particularly from World War II, have survived the ravages of time and salvors by virtue of their loss in a marine or estuarine environment. Papers are sought from all around the world, although an emphasis will be on research conducted in Australasia.

This is an invitation to present a paper or poster on one of the proposed conference sessions, which include:

- ❖ **Mapping the Australasian Coasts**
- ❖ **The archaeology of temporary visitors since 1606 – Dutch, Spanish, Macassan, Chinese and others**
- ❖ **At the cutting edge of a new sub-discipline: Aviation/aerospace archaeology**
- ❖ **The individual in historical archaeology**
- ❖ **Method and theory in historical archaeology – Australasian perspectives**
- ❖ **International and domestic site protection strategies and issues**
- ❖ **Archaeology of isolation past and present – perceptions of outposts, refuges and places of confinement**

Four field trips will be offered to sites within and around Darwin. These include:

- ❖ **The wreck site of the RAAF's first Catalina flying boat**
- ❖ **Historic sites around the Darwin CBD**
- ❖ **The *Booya* – a Cyclone Tracy (Christmas Day 1974) shipwreck found only recently**
- ❖ **An intact WWII airstrip at Coomalie, south of Darwin**

If you wish to present a paper or poster (not previously published) on one of the above themes, please email abstracts to reach the organisers by 29 July 2006. A poster viewing session will be held between 6 and 7 pm on the evening of 16 September 2006. People presenting a poster must register. For further details, please contact the conference convenors:

**Silvano Jung (AIMA)** (silvano.jung@cdu.edu.au)

**Julie Mastin (ASHA)** (julie.mastin@cdu.edu.au)

**Clayton Fredericksen (ASHA)** (clayton.fredericksen@gmail.com)

AV REQUIREMENTS FOR PRESENTERS: Please tick appropriate box:

overhead projector

slide projector

PowerPoint\*

**Mailing address:**

Silvano Jung  
C/- School of Creative Arts and Humanities  
Faculty of Law, Business and Arts  
Charles Darwin University  
Darwin NT 0909  
Ph: +61 8 89466854

\*Please bring your presentation on a CD or USB Flash Disc, a conference computer will be available



Australasian Institute for Maritime Archaeology



Australasian Society for Historical Archaeology

## AIMA/ASHA Conference Registration Form:

**Land, Sea and Air: Australasian Archaeology 1606 to the present**

Darwin 14 -18 September 2006

Venue: Museum and Art Gallery of the Northern Territory

**For Early-Bird discount, registration and fees must arrive before 29 July 2006**

*Conference participants should wear their Conference Name Badges at all times as evidence of registration*

NAME:

*(as you wish it to appear on your name badge)*

AFFILIATION:

*(as you wish it to appear on your name badge)*

MAILING ADDRESS:

TELEPHONE:

EMAIL:

Conference Items	Before 29 July 06		After 29 July 06		Notes
	AUS\$		AUS\$		
AIMA/ASHA member	220		260		The Conference Registration Fee includes: i) Opening reception/registration morning 14/09/06 ii) Morning/Afternoon teas and Lunches in the Museum grounds. Please notify if you have special dietary needs. iii) Conference show bag. * Spaces limited, book early † must meet requirements see conference program for details
AIMA/ASHA Student Member FeeV	180		220		
Non-Member	260		300		
Non-Member Student/UnwagedV	220		260		
Single Day Fee (1 or 2 days only)	90		90		
Field Trip 1 – Just Arr boat trip 14/09/06*	120		120		
Field Trip 2 – Darwin Historic tour 14/09/06	20		20		
Field Trip 3 – Booya shipwreck dive 18/09/06*†	120		120		
Field Trip 4 – WWII Coxswain's Airstrip 18/09/06	55		55		
Conference Dinner/Banquet	118A		118A		
Government House reception with the N.T. Administrator, His Honour Mr. Tad Egan A.O. (please tick the column if you wish to attend)	free		free		
<b>Your Total</b>					

Note: checked items are optional. VStudents and concession card holders must have valid identification.

**Payment must be in Australian dollars, cheques/money orders can be made out to AIMA**

Enclose:  Cheque  Draft/Money Order  Credit Card (details below)

Visa  MasterCard  Bankcard

Card Number:

Expires: (m)  (y)  *(Please ensure that you card is valid to its last valid month)*

Name:

*Please Print Clearly*

Signature:

**Return to: Aidan Ash c/- Jennifer Rodrigues, AIMA/ASHA Conference 2006 Registration, Dept. of Maritime Archaeology, Western Australian Maritime Museum, Cliff Street, Fremantle WA 6160. Email: aidan\_ash@hotmail.com**