

Australian Institute for Maritime Archaeology

NEWSLETTER

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Australian Institute for Maritime Archaeology
(Inc)

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Contributors please note the deadline for contributions for the next issue of the Newsletter (18.2) is **15 June 1999**

Please note: The Australian National Maritime Museum's email link is **very** unreliable and the system does not bounce back error messages. Email communication with people working out of the Museum building (Murray St) is no guarantee of communication with either Lindsey or Kieran in the Union Street building. Please send **all** contributions by 3.5 disc or by fax.

The problem should be rectified when the Union St office moves to a new building in May 1999.

Australian Institute for Maritime Archaeology

President's report

AIMA has been developing a new Web site. Mike Lorimer has kindly donated his time and skills to develop the new look facility with added features such as the ability to obtain details about membership categories and a membership application form on-line. Other planned features include current excavation projects and AIMA/NAS training course details and schedules. Check out the site and send us your feedback. The URL should be operational by the time you receive this newsletter - or shortly after at the latest. It is: <http://aima.iinet.net.au>

Members email addresses

Thank you to those members who have forwarded their email details to the Secretary. If you have an email address which you have not yet forwarded or have changed your email address recently, please let us know.

Membership numbers and renewals

As of the beginning of March 1998, AIMA's list of financial members for 1998/99 stood at **135**. An additional **58 members from 1997-8 have not yet renewed** their membership for the current 1998/99 year. A steady trickle of payments are still coming in, however, prompt payment of membership dues takes a lot of strain off our publications and postage

commitments.

A letter will be forwarded to all AIMA Members in May, inviting you to renew for the 1999/2000 year. The new financial year which will begin on 1 July, 1999, will launch AIMA into the year 2000 ! We would like you to join us for this exciting transition .

Contact the Secretary, Tim Smith on (02) 9849 9574 or smitht@heritage.nsw.gov.au. to establish your current financial status.

David Nutley



Australian National Maritime Museum

The Union Street administrative offices of ANMM will be **moving** in mid-May 1999 to a new building – Wharf 7 – which is closer to the exhibition building. The mail address will remain the same but telephone and fax will change.

The Museum's Maritime Archaeology Program continues to provide support to various Australia-wide projects. Curator of Maritime Archaeology, Kieran Hosty and Conservator, Sue Bassett returned from the successful February season on the HMS *Pandora* Project.

HMB *Endeavour*

In early March the Museum accepted an invitation to work with American archaeologists searching for evidence of Captain Cook's *Endeavour* in Newport Harbour, Rhode Island. Paul Hundley met with Dr Kathy Abbass and the Rhode Island Marine Archaeology Project and managed to get a dive on the site which Dr Abbass believes to be *Endeavour*.

Read on for the full story.

Famed Boat May Lie in Rhode Island Harbor
By GILLIAN FLYNN Associated Press Writer

NEWPORT, R.I. (AP) - A marine archaeologist has uncovered clues that suggest a wreck at the bottom of the harbor is that of the HMB *Endeavour*, the ship that carried the English explorer Capt. James Cook on his legendary South Pacific expedition more than 200 years ago.

After Cook's voyage, the ship was sold and renamed, and its fate became lost to time. But D.K. Abbass says her reading of old British naval records indicates that *Endeavour* may be lying in 20 feet of water in Newport Harbor.

If she is right, it "would easily be one of the most important vessels to be discovered in the history of international maritime exploration," says Rod Mather, an underwater archeologist at the University of Rhode Island.

After Cook sailed *Endeavour* back to England in 1771, the vessel was refitted as a store ship. It was sold in 1775 as a coal transport.

The ship's ultimate fate has been a mystery for more than two centuries, but Australian researchers recently concluded that *Endeavour* had been renamed *Lord Sandwich*.

That gave Dr. Abbass a clue.

British troops had occupied Newport during the early years of the American Revolution. With French naval forces approaching in 1778, British troops ordered ships taken out into the harbor and sunk. Dr Abbass knew that a prison ship called *Lord Sandwich* was among the scuttled vessels.

She traveled to Britain and found that the *Lord Sandwich* off Newport and *Endeavour* were both three-mast barks with the same carrying capacity - 368 71/94 tons.

As many as three vessels named *Lord Sandwich* were sailing under the British flag back then. But Dr. Abbass says the *Lord Sandwich* in Newport Harbor is the only one with *Endeavour's* dimensions.

Dr. Abbass, who led a team that excavated a vessel of the French and Indian War era from Lake George and has investigated several old shipwrecks in Rhode Island, believes the carcass of the *Endeavour* might be off a Navy pier.

There is an 80-foot timber visible in the silt that is consistent with the dimensions of the 97-foot *Endeavour*, she says. There is also evidence of ship ballast and a cannon.

Historians know that Cook had the *Endeavour* repaired in several parts of the world, so marine archaeologists plan to see whether the wreck in question has pieces of wood indigenous to places the explorer visited. Seeds

and pollen samples could also provide evidence.

It's also known that the *Lord Sandwich* that was scuttled in Newport transported German mercenaries from Europe to America during the Revolution. Archaeologists plan to look for signs of their presence - such as uniform buttons - to confirm the find.

"We've got a lot of shipwrecks in Rhode Island and people look at them like old junk. But there's important history out there," Dr. Abbass said. "I think what we've done will stand up to scrutiny."

Endeavour on the web

New Zealand News, The Press
<http://www.press.co.nz/10/99030812.htm>

The Age, Australia
<http://www.theage.com.au/daily/990308/news/news15.html>

<http://web3.stlnet.com/postnet/news/wires.nsf/National/86F79F72374805398625672B003D6689>

New South Wales

Heritage Office

Submarine AE2

Tim Smith has completed his wreck inspection report/management plan on the successful 1998 site inspection. The report has been received by the Department of Defence - Navy for comment. Copies have also been sent to the Turkish Consul-General in Sydney, the wreck finder, Mr Selçuk Kolay, the Ministry of Culture and the Bodrum Maritime Museum in Turkey. Copies have also been forwarded to key interest groups and individuals for comment. The Navy is now preparing a position paper on what actions it can or might take in regard to the long term management and interpretation of this intriguing wreck site. The Heritage Office is assisting in these discussions. Research is continuing into comparative E-class wreck sites located world wide.

AE2 lecture

Project AE2: The Discovery of Australia's Gallipoli Submarine by Dr Mark Spencer
2.00pm - 4.00pm Saturday 17 April 1999

ANZ Theatre, Australian National Maritime

Museum

Museum Members \$10. Guests \$15. Afternoon tea will be served.

Bookings to be made with ANMM Members Manager on (02) 9552 7544

AIMA Conference in Sydney, 1999

Preparations are well underway for the 1999 AIMA Conference to be held at the Australian National Maritime Museum between 18-23 September, 1999. AIMA members anticipating attending the conference are requested to complete the enclosed registration form with this Newsletter. The form can also be obtained by contacting the NSW Heritage Office

(02-9635 6155) or by completing the on-line registration form at:

<http://www.heritage.nsw.gov.au>

(Go to 'What's New', 'Events')

Involvement with other States

The NSW Heritage Office has again provided assistance to the HMS *Pandora* Project in Queensland through the services of David Nutley for four weeks during February 1999.

New Wrecks

Tim Smith was kept busy in February as wild coastal storms uncovered a number of buried wreck sites located in near-shore zones. These included the iron twin screw steamer *Fiona* (1882) at Fiona Beach near Seal Rocks, the timber steamer *Emu* (1888) at Crowdy Head and a wreck at North Stockton near Newcastle. The majority of these sites had not been exposed to the current levels for some 30 years. They have now naturally reburied after two weeks of exposure. An unknown timber drogher wreck was also inspected at Nerranie Bay in the Myall Lakes, complementing the *Brothers* drogher also abandoned in shallow water in the same area. These sites could make wonderful survey projects for NAS Part 2 courses in NSW.

Durisdeer Wreck

Plans are still underway to conduct an initial inspection of the 1895 wreck of the iron barque *Durisdeer*, wrecked at Stockton Beach Newcastle. Known to local dive operators, the site has not been inspected by the Heritage Office to date. The 200-foot hull is intact on its port side, with the masts running out to sea.

Wrecks Alive Project

The draft kit for the Heritage Office's new community wreck survey project, *Wrecks Alive*, has been finalised and a corporate sponsor is now being sought. It is hoped that the project can be launched shortly and be carried on over a yearly basis. The project invites divers, dive shops, clubs and individuals to research, survey and photograph historic shipwrecks in NSW and marine life associated with those sites.

New Book

Researcher Rebecca Linton has published a new book on the shipwrecks of Taree and Crowdy Head. Titled, *Crowdy Head: Lighthouse of the Manning, its shipwrecks, fishing industry, National Parks and Residents* 1998, the book includes survey work by the Heritage Office at the *Emu* (1888) wreck site. Contact <sunbird@tpgi.com.au> for sales information.

New Diver !

Tim and Melisa are expecting their first baby in mid-August so please excuse him after that time if he is a bit scatty responding to AIMA issues.

New Wreck Trail

The Greater Taree Shire Council, with financial and signage assistance of the Heritage Office, are preparing a heritage/maritime walking trail along the banks of the Manning River at Taree. A key site to be included is the Sydney built iron paddle steamer hull of the *PS Manning* (1878-1937), located on the river bank in the centre of town. Local shipbuilding yards will also be interpreted.

Tim Smith
Maritime Archaeology Program
Heritage Office (NSW Government)
Secretary, Australian Institute for Maritime
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See our new web page at:
<http://www.heritage.nsw.gov.au>

Other New South Wales News

A NSW diver has, of his own volition, set up a web page for the historic shipwreck *Queen of Nations* at Corrimal, near Wollongong south of Sydney. He has included links to AIMA and the NSW Heritage Office and has incorporated material from the Heritage Office wreck site inspection report.

It is a great initiative on his part and hopefully we will be able to encourage more of this. The site is located at

<http://www.1earth.net/~srk/queenofnations>

South Australia

Flinders University

In November 1998 Flinders University staff and students assisted staff and consultants employed by Heritage SA to conduct a pre-disturbance survey and test-excavation at Yanerby (Trial Bay) on Eyre Peninsula. This work aimed to establish that the site at Yanerby was the Trial Bay whaling station. The test excavation located part of the try works which conclusively proved the site to be a whaling station. The work used the latest position-fixing and remote sensing equipment including Total Station, Differential GPS and Ground Penetrating Radar (GPR). Written results from the AWSA fieldwork program during 1998 included two Archaeology honours theses (Nelson 1998, De Leiuen 1998) and Mark Staniforth presented a paper on first contact at whaling stations at the 1998 AIMA conference in Darwin.

During 1999 five Honours students will be conducting research in maritime archaeology related subject areas for their theses - Rebecca O'Reilly (Australian shipbuilding), Jennifer Rodrigues (Holdfast Bay jetty artefact analysis), Tristan Cox (Indigenous sites underwater), Julie Ford (Jetty construction) and Lydia Matthews (Early settlement on Kangaroo Island). In addition, MA student Pauline O'Malley will be looking at shipwreck artefacts as part of her research and Nathan Richards continues his PhD research on abandoned vessels.

Mark Staniforth made a flying visit to Cape Town, South Africa for the WAC4 (World Archaeological Congress) in January and presented two papers on maritime archaeology related subjects which can be accessed through

the WAC4 Website:

<http://www.wac.uct.ac.za/symposia/papers>

Mark was also guest editor for the 'Maritime Archaeology Focus' insert for WAC News which included commentaries on the state of maritime archaeology by maritime archaeologists from Australia, South Africa, the USA and the UK (copies are available from Mark.)

Mark Staniforth and Terry Arnott, supported by Nathan Richards and Cass Philippou, ran an AIMA/NAS Part 1 Training course with 10 participants on 13 and 14 March 1999.

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AIMA/ASHA are holding a joint international conference in Adelaide in September 2000.

See Archaeology at Flinders on our website at <http://adminwww.flinders.edu.au/Archaeology/Home.html> or <http://www.cc.flinders.edu.au/Archaeology/>

See the AWSANZ (Archaeology of Whaling in Southern Australia and New Zealand) Website at: <http://adminwww.flinders.edu.au/AWSANZ/AWSANZHome.html>

Tasmania

Tasmanian Shipwrecks Book

The first volume of this book has finally been published and covers the years 1797-1899. The 360pp hardcover book is published by Nararine Press of Canberra. RRP is \$40 but copies can be obtained from Mike Nash for \$35 including postage and handling.

Sydney Cove Porcelain

The report on the Chinese export porcelain has been completed and is with the printers. It should be available as a special publication for AIMA Members in March/April.

SS *Tasman*

The SS *Tasman* (1883) was relocated last year. In March of this year John Riley, Mark Spencer and co will be conducting further recording on this deep water (70 m) site.

Whaling

A team from La Trobe and Flinders Universities has completed excavation work at Lagoon Bay on the Tasmanian east coast where a station operated between 1838-1841. The excavation concentrated on a number of buildings believed to be accommodation areas and revealed details of the construction techniques. This included considerable use of boat/ship fastenings including sheathing and sheathing tacks. A range of artefact material including glassware, ceramics, bones and ironworks was also recovered. These will be subject to further analysis.

Interpretation signs are also being completed for the whaling stations at Adventure Bay, Bruny Island.

Website

An 'Exploring the Past' section on the Tasmanian Parks and Wildlife web has recently been launched. It includes information on a selection of ten Tasmanian shipwrecks; and Tasmanian whaling and sealing at Macquarie Island. The site can be seen at <http://www.parks.tas.gov.au>

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Hobart TAS 7000
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Victoria

Heritage Victoria

No report this issue

Maritime Archaeology Association of Victoria (MAAV)

From *Wreckings* comes the following news.
Venus Bay Project

All the historical data on the shipwrecks within the survey area has been gathered and is currently being written up. The fieldwork component will include the relocation of known sites and site surveys and accurate positions recorded; and the location of likely wreck locations as indicated by the research already done. The field trips will be undertaken in September or October.

Western Australia

Contact Shipwrecks Study

Stage 1 of the WA Contact Shipwrecks Program is now complete thanks to Lesley Silvester who took on the compilation and presentation of the research into the 53 known contact events as part of an internship in Cultural Heritage Studies at Curtin University using the Department of Maritime Archaeology and the Maritime Museum here as her 'school'.

Presented at the 1998 AIMA conference in the form of a combined paper outlining both the philosophical basis and the research materials themselves, we have the paper (McCarthy and Silvester: in prep AIMA Conference series), a precis by Leslie of the materials (to be forwarded to members of the program as WAMM Report No.146), a three volume working file based in WAMM library, and a new contact web site entitled 'Strangers on the Shore' to be put to air by Jeremy Green and our Webmaster Bob Richards soon. The site was designed and constructed by Lesley and her husband Michael Murray and should be available on the WAMM Website by the time this newsletter is published.

An archaeology student from UWA, Juliet King, has joined in taking the project here in WA onto a next stage in an attempt to assess and compare the data with a view to producing a predictive model on the material remains expected at the sites or contact incidents noted.

The 'J' Boat Comparative Study

Project Ethos

Even with an efflorescence of interest and activity at iron and steam shipwreck sites generally evident throughout Australia, there are as yet numerous issues awaiting attention before a truly comparative series of shipwreck corrosion studies can be made available for predictive or other purposes.

One of these is controlling for the many metallurgical and temporal variables encountered in examining corrosion rates on iron and steam shipwrecks generally. Issues such as source of iron ores and their effect on metal purity, carbon content, and then construction technique and date and place of construction itself are all factors which need to be acknowledged and possibly accounted for. It is evident that some of these issues can be attended to by comparison of the degradation of identical vessels with similar service histories, especially where they have been lost within a few years of each other in the same body of water.

This opportunity is provided with the 'J' boats (submarines), all launched in Britain in 1916, all but one (which was sunk in WWI) sent to service in Australian waters, all refitted in Australia in 1920, and all scuttled in the waters of the State of Victoria in the period 1922-1930. Two of these vessels lie in shallow water within Port Phillip Bay itself, and the other four lie in water around 30 metres deep outside the Heads.

There is also increasing awareness of the submarine as a 'class' or archaeological site itself, with a small number of studies having been conducted within Australia. The recent location of the Australian WWI submarine *AE2* (1915) in deep water off the Dardanelles, Turkey, has further heightened the need for valid comparative and predictive studies. The deep water 'J' boats provide both an opportunity to obtain data of possible use in the *AE2* case, but also provide a useful training ground for the deep water corrosion and hull thickness recording techniques required of John Riley et al in Turkey.

Team composition

A core working group has been formed comprising Maritime Archaeologists Shirley Strachan, (Unit Head), Peter Harvey and Ross Anderson of the Maritime Heritage Unit (Heritage Victoria), Dr Ian MacLeod (Corrosion Specialist and Head of Materials Conservation, WA Museum), David Nutley (NSW Heritage Office, Unit Head and President of the Australian Institute for Maritime Archaeology [AIMA]) and Tim Smith (NSW Heritage Office, PROJECT *AE2* Archaeologist), John Riley (Illustrator, deep water diver, model-maker and noted iron and steam shipwreck specialist of the Maritime Archaeology Association of NSW), Patrick Baker (Photographer, WA Maritime Museum)

and Lyall Mills of the Maritime Archaeology Association of Victoria (MAAV), as Logistical (Transport) Coordinator. Other specialist staff and assistants such as Jochen Franke, currently working with the COE on photographic recording will be inducted into the group according to their interests, expertise and as the occasion arises. In time the group will come to represent all Australian maritime archaeological interests.

The proposed program
Eventually each of the 'J' boats will be subject to the same regime of 'predisturbance' observations, analyses and tests as per a modern site inspection program. This will include parameters such as depth, salinity, turbidity, buried depth, tidal effects, oxygen content, biota, etc. etc. Still and video photography will occur and site plans will be produced. Each wreck will also have their corrosion status measured at identical points on the hull in both a metal thickness and corrosion potential milieu. These results will then be analysed and a report produced. This in turn will be utilised for other purposes, such as the continuing investigation of the *AE2* wreck site.

A proposed seminar will be held in Victoria for 1999/2000. This will be similar in ethos and presentation to that held for the *SS Xantho* excavation in 1985, where lectures and papers were presented and on-site techniques demonstrated, with a view to the transference of knowledge and abilities. The seminar will be convened and organised by the project coordinator and it will be presented under the auspices of Heritage Victoria. These papers will be published as the second volume of specific iron and steamship studies in the wake of the 1985 *Xantho* seminar. This is an essential step, for at present shipwreck corrosion studies can only be considered to be in their infancy and the continuation of this stage long beyond the commencement of iron wreck corrosion studies in the mid 1980s must be a worry to those involved. Reproducibility of results and the validity of predictions made are issues yet to be adequately tested. Part of the reason for this extended gestation period in iron and steamship site formation studies is the very small number of experienced chemists and metallurgists (to name but two areas of specialty) who have taken the plunge and one aim at the proposed seminar will be to continue the necessary transference of knowledge and the broadening of the practitioner base in iron and steam shipwreck site formation processes. This seminar would logically follow on from

the results and understandings gleaned at the recent *City of Launceston*, as a recognised stage in the development of iron and steam shipwreck studies generally.

Funds for the program will be sought at the next Australian National Centre for Excellence in Maritime Archaeology (CoE) round of applications.

The initial phase begun
Ian MacLeod, Pat Baker, Jochen Franke and Riley to name but a few, began work on the recording of the site with a view to producing a video and photographic record, a site plan, preliminary corrosion data, including recommendations on 'common' corrosion and hull thickness data recovery points. Once funds become available, these elements will be applied to all the 'J' boat wrecks. It is also hoped that this phase will also allow a commencement in the construction and depiction of a 'Rileyesque' 'representative' or 'blank', 'J' boat wreck, each of which can be reproduced, broken up and altered to cater for the appearance and state of each site as they come to be examined in future stages.

The ramifications for the required corrosion and skin thickness assessment of the *AE2* site and the remainder of the battery of non-disturbance tests required before any informed decisions can be made about its best management are evident.

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See us on the World Wide Web -
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Queensland

No report this issue

AROUND THE WORLD



News from the Internet

The website for North Carolina shipwreck 0003BUI, thought to be **Blackbeard's flagship *Queen Anne's Revenge***, has been overhauled and updated. The web site now includes historical overviews, project reports, artifact images, and a preliminary site map.
<http://www.ah.dcr.state.nc.us/qar/Default.htm>
Richard Lawrence, Unit Head
North Carolina Underwater Archaeology Unit

The latest version of **Site Surveyor (V1.1)** is now available. A free version with limited capability is available from the web site :
www.threeh.demon.co.uk
Site Surveyor is a survey program for the PC developed specifically for use in marine archaeological projects. The program can be used to assist in the management and organisation of survey tasks and for survey data processing.

Deep Sea Research, Inc. and the State of California signed a stipulation for entry of judgment on Wednesday in the Federal Court in San Francisco, which ends the litigation in the ***Brother Jonathan lawsuit***. Ownership of the vessel and the associated artifacts recovered in three seasons of diving as well as all artifacts remaining on the sea floor has been awarded to the State of California. DSR recovered a large number of gold coins and in recognition of its salvage efforts it was awarded approximately 80 percent of the coins. The remaining coins and the non-monetary artifacts will be used by the State for historic study and display purposes.

Other parties to the suit, which included the United States, Well Fargo and Company, and a number of heirs of persons lost with the sinking of the ship will retain rights to prove ownership of items recovered by DSR in future operations which will be conducted under permit from the State.

The federal court will retain jurisdiction to resolve any disputes concerning the terms of the agreement and to maintain an injunction zone surrounding the site of the wreck.
Peter Pelkofer, Senior Counsel
California State Lands Commission

Hunley graves may be in end zone of Citadel Stadium (AP) The mass grave of the first ill-fated crew of the Confederate submarine

Hunley may have been found near the end zone of The Citadel's football stadium. If the 6-by-15 foot trench holds what investigators expect, the bodies would be dug up, memorialized and reburied in a Confederate cemetery alongside those of other drowned crew members, said state Sen. Glenn McConnell, R-Charleston, and chairman of the *Hunley* Commission. "This is a big jump for us," McConnell said Tuesday. "If it is what we are looking for, it completes another part of the missing puzzle. These valiant men deserve a better burial site than the concrete floor of a football stadium." The sailors died when the submarine sank at its mooring in 1863 after waves flooded into an open hatch. The bodies were recovered and reportedly buried near what is now the alumni room at Johnson Hagood Stadium. The land at the time was the destitute mariners' graveyard. "They had a Confederate graveyard and unfortunately ... through a series of errors, their grave sites were desecrated and built upon," McConnell said. "Our mission is to bring the whole *Hunley* crew home to be buried together. It will give generations the opportunity to come visit and remember their great sacrifice." Jonathan Leader, deputy state archaeologist at the University of South Carolina in Columbia, said readings of the contours and definition of the trench are very detailed. He said he is optimistic they are signs of the missing graves. "It is a huge maybe ... but we think we are sitting on top of them," Leader said. Ultimately, the *Hunley* sank three times, the last on the night of Feb. 17, 1864, after sinking the Union blockade vessel *Housatonic* off Charleston Harbor. The sub was located in 1995 four miles offshore, 30 feet below the surface. It is expected to be raised next year and placed on display in Charleston.

Lost Jewels to Again See the Light of Day
January 18, 1999 by Shirley English
For more than 80 years the priceless jewels of the Maharaja of Kapurthala have lain undisturbed two miles under the sea. A single torpedo from a German U-boat consigned them and about 200 passengers and crew to the ocean floor during a journey from London to India on a Royal Mail steamer in January 1916.

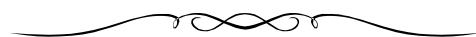
But next month a Scottish couple will begin attempts to recover the precious cargo, together with Egyptian coins, diamonds and gold and silver bullion worth millions of pounds, in what will be one of the deepest salvage operations.

The attempt has been made possible by a new

underwater winching device, the Curly Wurly, which the couple invented and have patented. It will enable them to lift heavy cargo from depths equivalent to three times the height of Ben Nevis.

Alec and Moya Crawford, whose Fife-based company, Deep Water Recovery & Exploration, won the salvage rights to the wreck, will carry out the operation for the vessel's London insurance company.

But their methods, which involve an eight-arm mechanical claw smashing through the steamer's three decks, have attracted criticism for disturbing sea graves.



Interesting web sites

La Salle Shipwreck Project
<http://www.thc.state.tx.us/belle/index.html>

The **Caney Creek Steamboat Survey** (Final Results)
http://aleister.home.texas.net/title_page.html

Kingstown Shipwreck Project
<http://www.maritimehistory.org/StVincent/intro.html>

Sadanna Island Shipwreck Project
<http://www.adventurecorps.com/inaegypt.html>

A commercial treasure hunter has found a **German U-Boat**
<http://mallofmaine.com/uboa.htm>

Ships of Discovery has a new web page that can be accessed at:
<http://www.shipsofdiscovery.org>

There's a new Web page for the **Azores Island Archaeology Center**. It includes new information and photos of wrecks *Angra A, B, C, D, Lidador* and *Run'Her*, data on all the Azorean wrecks as well as a brief spec data sheet on the French culverin recovered in Terceira Island
<http://www.geocities.com/Paris/Musee/8777/>
or
<http://w3.to/angra.wrecks>

Five kilometres east of Gamla Oxelöund at the Bråviken Bay, **Swedish East Coast**, there is a remarkable wreck at about 30 m depth. The

wreck site is in a military area where no anchoring or diving is permitted to the public. The wreck was discovered by during a 1992-94 wreck survey project. It has been dated to the first half of the 18th century. It is remarkably well preserved and the main mast is still standing.

<http://www.abc.se/~pa/uwa/mastwrek.htm>

Project Diana - Roman Ship Reconstruction Project

<http://www.virtual-pc.com/orontes/index.html>
email:- diana@pcg.it

Frank Goddio's underwater excavation at Alexandria.
<http://www.latimes.com/HOME/NEWS/SCIENCE/SCIENCE/t000022135.html>



Associations



The Australasian Society of Historical Archaeology

For further information please contact:
The Secretary
Australasian Society of Historical Archaeology
Box 220
Holme Building
University of Sydney NSW 2006

NAS: For information on the Nautical Archaeology Society, please contact:
The Membership Secretary
206 Moorview Way
Skipton N Yorks BD23 2TN
England

Grants and funding



George Alexander Foundation & Ian Potter Foundation : Value up to \$100,000. Awarded to Australian organisations for projects in areas including arts, fellowships, travel, grants and research. Closing dates mid April; mid July. Contact Executive Secretary
George Alexander Foundation and Ian Potter Foundation
Level 5, 1 Collins Street

Melbourne Victoria 3000
Ph (03) 9650 3188

Fellowships : Sackler Research Fellowship in the History of Astronomy and Navigational Sciences; Caird Senior Fellowship - 17th century Dutch maritime paintings - medals - 18th century prints; Caird Junior Research Fellowship in (British) Naval and Maritime History and Associated Studies. Details from: National Maritime Museum
Head of Research
Greenwich SE10 9NF England

Congratulations to **Lindsey Shaw**, Senior Curator at the Australian National Maritime Museum (and co-editor of the AIMA Newsletter). Lindsey has been awarded a Caird Short-Term Fellowship to study the Flinders Manuscript collection at Greenwich next year.

British Council : Travel Grant Scheme; Academic Link and Interchange Scheme (ALIS); Visitors Scheme; Post Graduate Bursaries; and for a listing of their international courses and seminars contact
PO Box 88
Edgecliff NSW 2027
Ph: (02) 9326 2022
Fax: (02) 9327 4868

United States Cultural and Academic Specialist Grants : Awarded to American specialists to spend two to six weeks at an Australian museum or gallery to work on specific projects or work as consultants. Available on a shared cost basis with USIS (United States Information Service) Contact: Noeline R. Milson, USIS
Ph: (02) 6270 5966
Fax: (02) 6273 3051.

Australia Council Grants : The Council provides grant money for many cultural activities. For comprehensive details and application procedures please see the Australian Council for the Arts Grants Handbook. Available from the Australia Council on (02) 9950 9000
Belconnen ACT 2616

The One Stop Arts Shop: This site provides a single access point to all possible avenues of support available for people in the cultural sector. Access through the website www.artsinfo.com.au or by a free telephone service 1800 241 247.

New Books, Publications,

Videos and Articles



Larry Bowman Catalogue No. 5

Larry W Bowman of Indian Ocean Books, Maps and Prints has released Catalogue No 5 featuring 532 antiquarian items on the Indian Ocean Region. The catalogue will be sent free of charge to individuals who clearly and specifically indicate their collecting interests and to institutions seeking to augment their Indian Ocean holdings. Contact Bowman at bowman@uconnvm.uconn.edu
or
PO Box 232
Storrs CT 06268-0232
USA

Survivors: British Merchant Seamen in the Second World War by G H and R Bennett has just been published. 256pp 24 illus. £25 from The Hambledon Press
102 Gloucester Avenue
London NW1 8HX
England

Forthcoming Conferences



The inaugural **OZTek '99 Australian Diving Technologies Conference** will be held on 24 - 25 April 1999 at the Australian National Maritime Museum. Further information from: Richard Taylor
Ph/Fax: 02 9958 3469
Email: tdi_aust@compuserve.com

5th Annual Conference of Museums Australia will be held from 5-9 May 1999 at Albury Regional Art Centre, NSW, Australia. Details on the theme **Fringe benefits: community, culture and communication** can be obtained from the Centre at
PO Box 664
Albury NSW 2640

Engendering Material Culture: -- Fifth Women in Archaeology Conference will be held at University of New South Wales, Sydney between 2-4 July 1999
For further information, offers of papers and/or

sessions contact:

Laurajane Smith lj.smith@unsw.edu.au
Anne McGrath a.mcgrath@unsw.edu.au - or
Ph: 02 93851267
Fax: 02 9385 1062
Women in Archaeology Conference
University of New South Wales
Sydney NSW 2052

National Museums: Negotiating Histories

a three-day conference at The Australian National University, Canberra, Australia
12-14 July 1999

The conference will explore the negotiation of diverse histories in contemporary national museums, particularly those in settler societies such as Australia, New Zealand, Canada, the United States and South Africa. These institutions have been working through complex and often controversial questions of how to interpret and communicate varied understandings and perspectives of histories and nations. The conference will address dimensions of this process such as the presentation of indigenous histories and cultures, settler and migrant histories and cultures, and environmental histories and human-environment interactions

Registration information is available from:
Ms Arwen Blackwood Ximenes
Centre for Cross-Cultural Research
Australian National University
Canberra ACT 0200
Australia
Ph: (61 2) 6249 2434
Fax: (61 2) 6249 2438
Email: arwen.ximenes@anu.edu.au

or

Kirsten Wehner
Centre for Cross-Cultural Research
Australian National University
Telephone: +61 2 6249 4929
Facsimile: +61 2 6249 2438
Email: kirsty.wehner@anu.edu.au

The Centre for Cross-Cultural Research Web site: www.anu.edu.au/culture

Australian Institute for Maritime Archaeology Conference 1999

The Australian Institute for Maritime Archaeology, the New South Wales Heritage Office and the Australian National Maritime Museum invite you to attend the 1999

International Conference on *The Pacific Rim - trade and migration*. The conference will be held from 18 - 23 September at the Australian National Maritime Museum, Darling Harbour, Sydney, New South Wales.

The Conference coincides with the sesqui-centenary of the American Goldrushes and will include a focus on trans-Pacific trade and migration.

For further information on the conference please contact:

David Nutley
Heritage Office
Locked Bag 5020
Sydney NSW 2124
Australia
Ph 61 2 9635 6155
Fax 61 2 9891 4488

Email: nutleyd@heritage.nsw.gov.au

XII Assembly ICOMOS, Mexico 1999 and World Congress of Conservation and Monumental Heritage 17-23 October 1999

At the same time, the International Committee of Underwater Cultural Heritage (ICUCH) will celebrate its annual meeting. Activities will take in different cities of the Mexican Republic. For the first time, there will also be a Scientific Symposium on Underwater Archaeology in Mexico City.

For further information contact:
Coordinator Underwater Archaeology
Scientific Committee ICOMOS Mexico '99
Rio Elba 59-3
Col. Cuauhtemoc
Mexico, D.F. 06500
Tel/fax: (525) 553-7553, e-mail:
acuatica@df1.telmex.net.mx

33rd Conference on Historical and Underwater Archaeology will be held in Québec City, Canada, from 4-9 January 2000. Further information is available at the SHA Québec 2000 website
www.sha.org/meet20.htm

Réginald Auger
Program Coordinator, CELAT,
Université Laval,
Québec City (Québec), Canada G1K 7P4

Email: reginald.auger@celat.ulaval.ca

Fax: (418) 656-5727
Ph:(418) 656 2952.

Further Studies and Internships



James Cook University is embarking on an exciting new venture to make the natural and cultural environment that we study and in which we live more accessible to students from around the world.

This year in July the University is conducting a series of short courses with academic credit. These courses are taught in block mode and have been designed primarily with the undergraduate in mind, although some can also be taken for graduate credit.

On-line applications for enrolment at:
<http://www.oia.jcu.edu.au/oia/applications/shortcourses/index.cfm> or <http://www.oia.jcu.edu.au/oia/enquiries/enquiry.cfm>

The Florida State University Program in Underwater Archaeology announces its 1999 summer Field School in Underwater Archaeology. This summer the FSU PUA will be conducting two individual research projects in the Apalachee Bay region, in the Gulf of Mexico south of Tallahassee, Florida.

The Dog Island Shipwreck Survey is a project aimed at the discovery and investigation of historic shipwrecks and other submerged resources in the vicinity of Dog Island. Known shipwrecks in the area include the French merchant ship *Le Tigre*, which wrecked in 1766, and the British war schooner *HMS Fox*, which was lost in 1799. Other known sites which will be investigated include the wreckage of a beached schooner, five late 19th century merchant shipwrecks lost in a storm, and the sunken remains of a 19th century lighthouse. Research goals include remote sensing survey as well as excavation.

The PaleoAucilla Prehistory Project is an ongoing research program designed to investigate the lifeways of the first Floridians, whose remains have been submerged off Florida's continental shelf since the end of the last Ice Age. This summer's research will focus not only on the J&J Hunt site (which has produced Paleoindian and Archaic artifacts)

but on survey in order to reconstruct ancient river channels and locate new prehistoric sites.

The 1999 Underwater Field School will allow students to participate in both of these projects in order to gain experience and training in both nautical archaeology and submerged prehistoric site archaeology. The six week field school will last from June 28th to August 08th 1999, and food and housing will be provided at the FSU Marine Laboratory.

Further information on the field school, including details on application procedures, housing, cost, and pictures from last year's field school, can be found on the FSU PUA webpage at :
<http://www.adp.fsu.edu/uwarch.html>

Gunston Hall Field School in Historical Archaeology June 21-July 16, 1999

Gunston Hall Plantation and the University of Virginia Continuing Education are pleased to announce their first jointly-sponsored field school in historical archaeology. The intensive four-week course will provide a working knowledge of standard archaeological methods by stressing hands-on participation in field research at Gunston Hall, the former Potomac River estate of George Mason.

The focus of 1999 excavations at Gunston Hall will be the plantation's colonial-era boxwood garden, which contains the oldest dated boxwood plants in Virginia. In addition, the project showcases landscape archaeology, which constitutes one of the most dynamic research areas in historical archaeology today.

For an application, contact
Dr. Andrew Veech
Archaeologist
Gunston Hall Plantation
10709 Gunston Road
mason Neck, VA 22079
Ph: (703) 550-9220
Fax: (703) 550-9480
Email: aveech@gunstonhall.org

MA in Historical Archaeology and MSc in Archaeological Information Systems The University of York

The Department of Archaeology is pleased to announce these degrees from the University of York, England. Further information is available from:

<http://www.york.ac.uk/depts/arch/gsp/>
or

Director of Studies
University of York
The King's Manor
York YO1 7EP
England

Tel: (01904) 433 963

Fax: (01904) 433 902

AIMA Publications



Back issues of the *Bulletin*, Newsletters and Special Publications are available for sale. Publication price lists and order forms may be obtained by contacting The Treasurer. Discount prices may apply for multiple orders.

What is AIMA?



The Australian Institute for Maritime Archaeology (AIMA) is an organisation formed to promote the advancement of maritime archaeology in Australia and to assist in the co-ordination of national and international programs. Join AIMA and find out more about what is happening in the world of maritime archaeology.

Ordinary Member:	A\$40.00
Student Member	A\$30.00
Institutional Member	A\$80.00
Associate Member	A\$20.00

For further information on membership please contact the Treasurer, Mike Lorimer

The objectives of AIMA are to:

- undertake scientific research in the field of maritime archaeology
- promote the advancement of the field of maritime archaeology
- promote international cooperation in the excavation of maritime archaeological sites and the research and studies related to this field
- cooperate with Australian State Maritime Archaeological Associations

- publish periodically a bulletin and a newsletter or other such publication as may be determined from time to time
- inform and make recommendations to government and organisations of matters relating to maritime archaeology
- cooperate with Australian State and Federal organisations working in the field of maritime archaeology
- subsidise or contribute to any institution, organisation, and scholarships agreeable to any of the objectives specified



**Membership runs from
1 July to 30 June.**