

Australian Institute for Maritime Archaeology

NEWSLETTER

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Contributors please note the deadline for contributions for the next issue of the Newsletter (19.2) is **10 June 2000**

Contributions can be sent to either Kieran Hosty (khosty@anmm.gov.au) or Lindsey Shaw (lshaw@anmm.gov.au) by email, 3.5 disc or fax.

Australian Institute for Maritime Archaeology

STOP PRESS STOP PRESS

GST: Members should pay their membership fees by 1 July 2000 or they will attract a 10% GST (ie making it \$44.00 for ordinary membership).

AIMA Executive Council for 1999-2000

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President's Report: AIMA has received notification from Senator Hill regarding Historic Shipwreck Program funding to AIMA for the 1999-2000 financial year.

AIMA received a total of \$22,500. This is comprised of \$8,500 towards the costs of the Newsletter, Bulletin and Special Publications and \$14,000 for the training officer position and related costs of the AIMA/NAS Training Program. AIMA had sought additional funds for the training Officer position to enable the program to be extended. While this additional support was not forthcoming, the training courses have been receiving good responses and will continue to make a valuable contribution to shipwreck management.

As a follow up to discussions throughout 1998 and 1999, the 1999 AGM determined that a definition for 'Maritime Archaeologist' be included in the AIMA Code of Ethics. The AIMA Executive has worked on this definition which has now been included in the Code of Ethics, a copy of which has been printed with this Newsletter.

Congratulations to Paul Clark who has become a Dad since the last Newsletter was published - a boy, *Finn*, which I understand is a Gaelic name for 'marine boy'. Paul will be joining the AIMA Secretary, Tim Smith, and Tasmanian Councillor, Mike Nash, in the sleepless nights brigade.

The joint AIMA/ASHA conference preparations are now well under way in Adelaide. This is the first combined conference since Tasmania in 1995. It is hoped that these joint conferences may be able to

become a more regular occurrence - perhaps every 2-3 years. Joint conferences have a number of advantages including the sharing of ideas across the maritime/terrestrial borders and improving cost effectiveness through increased economies of scale. Adelaide is also nicely positioned between the east, west and north of Australia so there should be a good turn out - not to mention that it is a beautiful city full of beautiful people (well with a few exceptions) and wonderful weather in November - actually I really wouldn't know about the weather.

David Nutley
AIMA President

Secretary's Report

AIMA MEMBERSHIP FEES ARE NOW DUE FOR THE FORTHCOMING 2000-2001 FINANCIAL YEAR.

Yes - it's that time of year again. Attached with this *Newsletter* is an AIMA Membership Application/Renewal form. The form for this coming financial year (1 July 2000 - 30 June 2001) is **blue**. It is requested that members return the form with payment in Australian dollars to the AIMA Secretary located at: Heritage Office, Locked Bag 5020 PARRAMATTA NSW 2142 AUSTRALIA by the end of June 2000.

Current members will soon receive the 1999 AIMA *Bulletin* featuring papers from the 1998 Darwin Conference. A *Special Publication* featuring the La Perouse wrecks will also follow soon. If members have missed any of the four *Newsletters* released in this 1999-2000 year, please contact me at smitht@heritage.nsw.gov.au, by phone on (02) 9849 9575 or download them from the AIMA Website.

I hope that you enjoy this *Newsletter* and the range of exciting projects and information contained within. AIMA continues to expand its activities with the AIMA/NAS Maritime Archaeology Training courses becoming a major success. Contact the course organisers listed at the end of this *Newsletter* to learn about courses being held in your State. Check out the AIMA Website at <<http://aima.iinet.net.au>> to learn more about your Institute, its aims, role and activities or to down-load the AIMA Membership application form. Don't forget the AIMA 2000 Conference will be held at Adelaide in late November in conjunction with the *Australian Society for Historical Archaeology* (ASHA).

Tim Smith
AIMA Secretary

CALL FOR PAPERS: The Australian Institute for Maritime Archaeology (AIMA) and The Australasian Society for Historical Archaeology (ASHA)

Joint Annual Conference 2000: Archaeology, Heritage and Tourism

A second joint conference between AIMA and ASHA is to be held in Adelaide from 28 November to 2 December 2000. This conference will follow immediately after the National Archaeology Students Conference, from 25-27 November.

The theme of the conference is archaeology, heritage and tourism - in what way do these subjects overlap - should they? What are the benefits of making heritage available to the cultural tourist; what are the possible conflicts, and can they be resolved?

Papers / Workshops addressing the following topics, or other related topics would be most welcome:

Current projects / programs involving archaeology, heritage and tourism;

- What is cultural tourism?
- The role of archaeology in cultural tourism;
- Archaeology and museums - conflict or cooperation?
- Teaching archaeology and cultural tourism;
- The interpretation and public use of archaeological and other heritage sites and archaeological collections;
- Databases as resources for archaeologists, heritage managers and cultural tourists;
- Virtual cultural tourism - is it the same as virtual archaeology?
- Preserve, promote and profit? - the professional and commercial roles in the use of archaeological and heritage sites;
- Ethical issues for the archaeologist involved in cultural tourism;
- Cultural Heritage Trails - where do they lead?

In conjunction with the conference, there will also be a one-day workshop on Native Title and archaeology, building on the post-contact workshop at the AAA conference in Perth in December 1999. Papers or presentations for this workshop are also invited.

To encourage student participation, a range of budget accommodation and private billeting will be offered. In addition, Ansett Australia has been selected as the preferred airline and discount airfares can be arranged with Ansett using masterfile MC06733 in addition to advanced purchase fares. All delegates Australia wide can contact Ansett Australia on 131300 and quote this number to be offered the best available airfare for their travel arrangements.

Offers of papers should reach the organising committee by Friday 28 April 2000. At this stage, only a title and a broad indication of the topic is required, although an abstract would be welcome.

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Department of Environment, Heritage and Aboriginal
Affairs, GPO Box 1047, Adelaide SA 5001
Australia

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Australian National Maritime Museum

Caird Fellowship: Lindsey Shaw, co-editor of the AIMA Newsletter is currently overseas on a three month Caird Fellowship. Lindsey is studying letters and other manuscript material related to Matthew and Ann Flinders held in the collection of the National Maritime Museum at Greenwich.

SHA: Paul Hundley on behalf of the Australian National Maritime Museum recently attended the Society for Historical Archaeology Conference in Quebec, Canada.

Paul along with Dr Kathy Abbass and Jon Foucher from the Rhode Island Maritime Archaeology Project (RIMAP) presented their findings on the August 1999 field work on the Hospital Cannon Site (Primary Target A).

Survey information along with sediment, pollen and timber analysis confirmed that although this site was a 1777 British Transport vessel it was not the *Lord Sandwich* ex HMB *Endeavour*.

With the survey and testing methodology now developed the Australian National Maritime Museum and RIMAP intends to carry out remote sensing surveys of Newport Harbour.

The ground truthing of the remaining Transport sites

will take place from mid-July to mid-August 2000.

New Bedford Whaling Museum: On Wednesday 12 April, Michael Jehle, Director of Curatorial Affairs at New Bedford Whaling Museum in the United States will be talking about the proposed New Bedford Whaling Museum's Exhibition on the impact of American whaling in the Pacific.

Islands of Angry Ghosts: Hugh Edwards, diver and journalist will be speaking at the Museum on the evening of the 4 April 2000 during which he will launch the reprint of his classic book on the discovery of the *Batavia* off Beacon Island in the early 1960s.

Dutch Explorers in Australia: Dr Edward Duyker an expert on the history of the Dutch in Australia will present a lecture on the Dutch exploration off the Australian coast at the Museum on the evening of the 13 April 2000.

VOC Trade in South East Asia: On Sunday the 7 May Assoc Professor Adrian Vickers from the University of Wollongong will present an illustrated talk about the establishment of the VOC Company base at Batavia and the development of the VOC's trading stations from Africa to Ambon.

Kieran Hosty

Commonwealth Historic Shipwrecks Program

Historic Shipwrecks Grants 2000: Sen the Hon Robert Hill announced on the 24 February 2000 that just over \$400,000 in Commonwealth funding would be provided to the State and Territory Governments to provide protection and management for some of the 6,500 shipwrecks resting of the Australian coast.

Some of the projects being funded this year are – the continued conservation and site management of the SS *Yongala* off Cape Bowling Green, Queensland; a survey of reported wrecks in the Torres Strait and Far North Queensland; a plan of management for the historic shipwreck *Brisbane*, off Fish Reef, Cox Peninsula, Northern Territory and community access and conservation programs for the turret steamer *Clan Ranald*, Troubridge Point, Yorke Peninsula, South Australia.

The grant allocations for each State, Territory, Institution and Government Department are

AIMA	\$22,500
Commonwealth Admin	\$15,304
New South Wales	\$56,700

Norfolk Island	\$ 5,500
Northern Territory	\$37,335
Queensland	\$57,803
South Australia	\$55,198
Tasmania	\$38,850
Victoria	\$57,060
Western Australia	\$57,750
Total:	\$404,000

ICOMOS

Revised Burra Charter Ratified: The ICOMOS Annual General Meeting held at Tocal, NSW on 26 November 1999 ratified the Executive Committee's revisions to the Burra Charter. Sixty Two ICOMOS members commented on the draft and the compilation of a final draft was based on those comments.

The motion to ratify also recommends that the revised charter be reviewed after no more than two years.

The 1999 Executive Committee also made a number of recommendations to the incoming committee. These recommendations included

1: For ICOMOS to develop and implement an education and communication strategy to ensure the revised Burra Charter is widely understood and put into practise by Australia ICOMOS members and the heritage community

1a) by printing and widely distributing the new charter to members, governments and the heritage industry. Adding the new charter and material explaining the revisions to the Australia ICOMOS web page.

b) A series of state and regionally based workshops, and a workshop's presenter's kit designed for the purpose.

c) Commissioning an updated Illustrated Burra Charter which should include several case studies demonstrating the application of the Burra Charter planning process.

d) Commissioning updated information documents such as the brochure 'Understanding the Burra Charter' to ensure links with the Burra Charter video.

2: Continue the Reviews Working Groups consultation with indigenous people to ensure the charter is appropriate for use on indigenous heritage places.

3: Undertake a review of the Guidelines to the charter, possible linked with the review of the charter to ensure the suite of documents is complete and internally

consistent within the two year review period.

ICOMOS Secretariat moves to Melbourne: Dr

Colin Long has taken over from Colleen Sheen running the Australia ICOMOS Secretariat on an eight hour per week basis. The new Secretariat address is

Dr Colin Long, Australia ICOMOS Secretariat. Deakin University Burwood Campus, 221 Burwood Hwy, Burwood, Victoria, 3125. Ph: +61 3 9244 3938; Fax: +61 3 9244 6755

From: Australia ICOMOS News feb 2000, Vol 30:1

New South Wales

Heritage Office

Coffs Harbour Fieldwork: A four-day field trip to the Solitary Islands Marine Park, centred on Coffs Harbour, was undertaken between 14-17 February 2000. The principle goal, the search for a steamer wreck reported on South Solitary Island, had to be cancelled due to high seas. This wreck, reported to the Heritage Office some years ago, is thought to be the government timber tug *Wyong* (1884-1901) lost while supplying the lighthouse keeper and resident families. Solitary Islands Marine Park staff will discuss the possibility of continuing the survey with indications that a boiler lies in approximately 12-15 meters and occasionally dived by local dive shops.

Excellent results were achieved in the survey of a timber wreck located on the beach at nearby Woolgoolga. Exposed in storms last year when inspected by David Nutley, the wreck is thought to be the Canadian-built barquentine *Buster*, wrecked whilst loading timber in 1893. Partially salvaged at the time, the remains are widely known to locals. An air probe was used to determine the extent of buried timber hull (thought to be approximately 40 metres in length) guided by a few exposed frames and fashion piece. Each positive timber or metal contact was surveyed using a theodolite and the resulting 3-dimentional data will be used to model a graphic representation of the buried hull form. The exposed frames appear to be of Oregon or similar timber, with four iron rider knees being key features of the site. The survey was assisted by Ranger Paul Rebeck from the Marine Parks Authority, together with Colin Browne and Phil Clark from Manly Hydraulics Laboratory (DPW&S).

Another timber wreck was notified at Moonee Creek just north of Coffs Harbour lying in the lagoon. The buried fragmentary timber hull measuring just 5x3 metres was located by water probe with the assistance

of local residents. Two frames could be observed beneath shifting sand and recorded. A timber sample was extracted for identification purposes. The vessel is thought to be the timber ketch *Lady of Lorn* built at Lake Macquarie, NSW in 1877 and wrecked in 1889.

The Heritage Office would like to thank all those involved with the fieldwork.

MAAP Meeting: The first meeting of the NSW Maritime Archaeological Advisory Panel Meeting was held at the Heritage Office on Wednesday 8 March 2000. The Panel reviewed survey activities following its last December meeting, the range of publications in preparation, funding levels, proposed projects and site specific management issues.

Historic Shipwreck Inspectors: A meeting was held on 21 February 2000 with representatives of NSW Marine Parks Authority, NSW Fisheries and the National Parks & Wildlife Service regarding the potential for key staff to be appointed as Wreck Inspectors under the Commonwealth *Historic Shipwrecks Act, 1976*.

Conservation Management Plans: Three Conservation Management Plans have recently been finalised. They detail site inspections conducted by the Heritage Office in 1999 of the SS *Fiona* (1882) steamer and submarine *K-IX* (1945) wreck sites near Seal Rocks, and an Old Plan Admiralty Long Shank anchor discovered at North Head, Sydney.

The reports discuss the historical background to each site, their relative significance and outline management options for each site. Principle recommendations include the potential of the former two sites to be incorporated into a public shipwreck interpretation trail. Copies of the report have been sent to a number of interested organisations and individuals including local council, historical societies, Navy, etc.

The *K-IX* report particularly benefited from information supplied by the community. This included interesting oral recollections of the wreck at times of exposure and several unique photographs of the vessel in operation and during salvage. Copies of the reports can be obtained from the Heritage Office for \$15.00 each.

Wreck Spotters: 28 individuals residing along the length of the NSW coast have been officially invited to become "Wreck Spotters". This unique Heritage Office initiative aims to build a network of locally based shipwreck enthusiasts who can respond quickly to new wreck sightings, encourage local research and

site interpretation and develop their network of community contacts.

Each *Wreck Spotter* will receive a *Wreck Spotters Kit*, a list of shipwrecks in their region, become familiar with the terms of the *Historic Shipwrecks Act, 1976* and the NSW *Heritage Act 1977*, and be encouraged to complete Part I of the AIMA/NAS Maritime Archaeological Training Course. All contacted persons have established working relations with the staff of the Heritage Office and have a proven interest in the documentation, preservation and interpretation of historic shipwrecks located in NSW. The concept was launched by Mrs Hazel Hawke, Chair of the NSW Heritage Council, at the 1999 Sydney AIMA Conference.

Wrecks Alive Project: A number of individuals have now joined the NSW *Wrecks Alive* project. A community based volunteer program, divers and other interested persons can join the project by simply obtaining the *Wrecks Alive Kit* and completing the simple registration form. By picking any wreck or wrecks of interest to them they can undertake introductory historical research, wreck site plans, photography and other documentation.

The best results received by the Heritage Office will be published through suitable media. A focus of the project is the recording of marine life associated with NSW's Historic Shipwrecks.

Participants include Leanne Legge of Forster who is currently mapping seven abandoned hulks in the Forster/Wallis Lakes area - the first time they have ever been recorded. John Riley will survey the *Koputai* paddle steamer wreck lying offshore from South Head, Sydney. The project has a rolling date allowing participants time to complete their reports as weekends dictate! Contact the Heritage Office to receive a *Wrecks Alive Kit*. This project provides an excellent opportunity for AIMA/NAS graduates to employ their skills obtained in the course.

Shipwreck Atlas of New South Wales - proposed re-release: In planning for future editions of the highly popular *Shipwreck Atlas of NSW*, the Heritage Office has recently undertaken a questionnaire survey of Atlas users. This information will help the Office to gauge interest in current layout, data quality, range of information, uses, together with user identified improvements. One option might be to develop a CD-Rom version to augment or supplement the existing A3 bound format.

As mentioned in an earlier *Newsletter*, the production of 3 new topic sheets is nearing completion. They will

feature marine engines and boilers, World War Two losses off the NSW coast and coastal place names derived from shipwreck events.

Shipwreck Information Sheets Released: A very exciting initiative has been the production of a first run of *Shipwreck Information Sheets* featuring geographic areas along the NSW coast. These simple two-sided A4 sheets use common mast head and detail local shipwreck histories on the reverse. The first series cover 5 regions: Jervis Bay/Wreck Bay; Solitary Islands Marine Park; Byron Bay; Twofold Bay/Disaster Bay and the Shoalhaven River. Interest in the sheets has been immediate and will lead to the development of additional sheets. They are available to the general public via the Heritage Office website (in two-colour) and from local council, tourist information centres, and dive shops, etc. in each area covered.

Book on shipwreck-derived Coastal Place Names: Research for a topic sheet to be included in the existing *Shipwreck Atlas of NSW* has led to the development of a separate publication. Currently under construction, the Heritage Office is preparing the soft cover book to feature coastal place names in NSW derived from shipwreck events. Some 38 places have been identified as owing their name to particular shipwrecks. The places range from Fido Reef near Tweed Heads, named after the loss of the steamer *Fido* there in 1907, to Jane Spiers Beach named after the loss of that barque south of Eden in 1878. The publication will include potted histories of the disasters and a range of historic and modern photographs of the landform features. It is anticipated that the publication will be available in mid-late 2000.

AIMA/NAS in NSW: The latest AIMA/NAS Part 2 course held at the Australian National Maritime Museum in Sydney has led to several important shipwreck surveys. Students are completing individual wreck site plans and research for a number of previously unrecorded visible wreck sites and related heritage structures. These include the Merimbula Wharf at Merimbula, the paddle steamer *General Gordon* in the Hawkesbury, abandoned hulks at Wallis Lake near Forster and an unidentified hopper barge at Berry's Bay in Sydney (see AIMA/NAS Newsletter attached). Another Part 1 Introductory course will be held at the Museum on the weekend of 25/6 March 2000.

SHA Conference - Quebec 2000 While not being able to attend in person due to a non-blizzard friendly baby, Tim Smith had a paper presented at the latest SHA Historical and Maritime Archaeology conference held at Quebec in January. Summarising historic shipwreck trails established in Australia and a possible new

community driven network approach, the paper was kindly read by Dr Mark Staniforth from Flinders University. Thanks Mark.

Maritime Archaeology School Study Days at the ANMM: Heritage Office Maritime Archaeologists will provide guest lectures to this unique secondary school training program during 2000. They have previously been involved with a number of separate school visits in 1998 and 1999.

Tim Smith and David Nutley

South Australia

Heritage South Australia

Name Change: The Department, which is responsible for Heritage SA, has changed its name to the Department for the Environment and Heritage and has dropped the Aboriginal Affairs portfolio because of a ministerial re-shuffle. New Minister, new letterhead, new webpage, new vision!! but apart from that!! Heritage SA has been managed by a new manager since late 1999, David Conlon who was Manager of the branch a few years ago.

Coastcare: Projects that are ongoing are the Coastcare projects—Port Elliot and Garden Island Shipwreck Trails; A survey of Whaling sites; State/National shipwreck databases. The *Fides* shipwreck exhibition has been displayed in Kristinestad and Helsinki in Finland (July 1999—February 2000) and is due to move onto the Aland Islands shortly.

South Australia's sixth maritime heritage/shipwreck trail is also being developed for its south-east coast. Called the **Southern Ocean Shipwreck Trail**, it provides information on the shipwrecks from the Victorian border to the Murray Mouth.

Heritage Grants: The Commonwealth Department of Environment and Heritage has recently granted Heritage SA with funds to implement 5 projects under the National Historic Shipwrecks Program, amongst them being a further survey of Kangaroo Island's shipwrecks and the provision of facilities for better interpretation and conservation of the *Clan Ranald* shipwreck.

Shipwreck Moorings: Other new projects include the provision of moorings for 12 SA shipwrecks (dependant on funding under the National Moorings Strategy); development of a tourism strategy for South Australia's maritime heritage; involvement in the re-enactment of the Flinders and Baudin encounter in 2002—called *Encounter 2002*.

AIMA was unsuccessful for a second time to gain funds from Centenary of Federation for its project **Exploring 20th Century Maritime Australia** and notes the ANMM were successful in gaining a similar amount of funding for an exhibition with a similar theme.

AIMA/NAS: In association with Flinders University, the Society for Underwater Historical Research and Heritage SA, another AIMA/NAS course has been conducted for divers and non-divers involved in the Federation project at Holdfast Bay (Glenelg).

Conference 2000: The organising for the joint Australasian Society for Historical Research (ASHA) and AIMA Conference in Adelaide in November 2000 is well underway and is being organised between ASHA and AIMA members in Adelaide. The theme for the Conference is **Archaeology, Heritage and Tourism** and a Call for Papers is presently doing the rounds to solicit papers until the 28 April 2000.

For further information contact Bill Jeffery
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Flinders University

Mark Staniforth is currently overseas touring the museum's, universities and eating places of Canada, Ireland and England but should be returning by mid year.

Archaeology of Whaling and Sealing in Southern Australia and New Zealand: Rebecca O'Reilly, Research Assistant to Dr Mark Staniforth reports that the AWSANZ web site has officially been updated and is now available on the Web.

The current address is
<http://www.ehlt.flinders.edu.au/archaeology/AWSANZ/index.html>.

The original site only focused on three complete whaling sites in South Australia, but a further 17 sites in Southern Australia have now been added. Ms O'Reilly is very happy to include sites from all southern states

Rebecca requests AIMA members to have a look at the site and report back to her if you have problems or suggestions regarding the site. Ms O'Reilly's email address is rebeccaoreilly@bigpond.com.

Rebecca O'Reilly
AWSANZ Web site.

Society for Underwater Historical Research

The Holdfast Bay Project kicked off in earnest in January. For those who don't know, the site to be surveyed and excavated is basically the remains of the old Holdfast Bay Jetty which was built in 1857 and destroyed in a storm in 1948. The Society for Underwater Historical Research (SUHR) excavated the site between 1974 and 1978 retrieving some 5,000 artefacts that have recently been studied by Ms. Jennifer Rodrigues in her 1999 Honours Thesis at Flinders University. The project is the first major activity undertaken by the SUHR for near on a decade and has funding from the Federation Grants scheme and support from Flinders Uni, Heritage SA and Holdfast Bay City Council (to mention a few). The results of the excavation, besides an exhibition of material to be a display in the new Holdfast Bay Discovery Centre will also be used by Mr. Chris Lewczak in his 2000 Honours Thesis on the site, among other things.

AIMA/NAS 1 was made a pre-requisite qualification for underwater excavation activities within the SUHR for this project at least.

Invitations were extended to Malcolm Venturoni and the MAAV and Brad Duncan and the Maritimeophiles in Nth Queensland to come and participate in the project.

Predisturbance work commenced on January 14 with the excavation section of the project commencing on Feb 1 and occurred over 16 days not pre-defined (due to weather, publicity etc..) over the entire month of February (concluding 29 February). Post Excavation will have commenced and be running concurrently with most of the excavation and will continue into March and beyond.

I would be happy to forward the research design for the archaeological component of the project (currently not 100% complete) to anyone who is interested.

Nathan Richards
Archaeological Director; Holdfast Bay Project

Society for Underwater Historical Research (SUHR)

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Home: (08) 8351 1134

Work: (08) 8201 3769

Mobile: 0402041509

Tasmania

Mike N in Tasmania sends his apologies for not sending in a contribution for this quarters newsletter. Mike has finally seen the light and taken over as the curator (all but temporarily) at the new Tasmanian Maritime Museum. In his new role he will be paying host to Her Royal Highness when she visits Tasmania in late March. Mike is also working on the final stages of *Tasmanian Shipwrecks Vol 2*

Tasman Survey Completed

With financial assistance from Mike Nash, Tasmania Parks, Wildlife and Heritage – Thanks Mike - John Riley and his team revisited the *Tasman* to complete the survey of the site from the 27 November to 5 December 1999.

The stern was visited and identified at 72 meters. Kevin Denlay using a re-breather took video of the whole site. Mark Spencer took his usual excellent photographs. Riley took numerous sketches to complete a model of the site for the Maritime Museum in Hobart, Tasmania. Local Tri-mix diver Tim Hyndes assisted and helped raise 14 artefacts at the request of Mike Nash. These items included a selection of plates, bottles, brass and glass lamps, glass salts and a porthole. The artefacts will be displayed at the Museum after conservation.

The weather was perfect, with diving being carried out on the exposed *Tasman* site for five consecutive days and the *Nord* for twice and its rapid disintegration recorded in the 25 meters visibility, 16 degree water.

Hobart was visited on the mid expedition rest day with temperatures of 35 degrees C and power cuts. Lunch at the Retro Café was abandoned and we rushed around to the Sushi bar before everyone else in Hobart realised that the Sushi Bar doesn't need power.

The team then visited the hyperbaric chamber – a social call – and liased with Dr David Smart who showed great interest in our diving procedures. Later on in the trip David and Mike Nash paid us a visit at our base the Eagle Hawk dive centre.

The *Tasman* survey is now completed and Riley is looking for a new project. There is a wreck of Kangaroo island and three deep sites of the east coast.

The *Tasman* will be the subject of at least one paper at the next AIMA Conference in South Australia in 2000.

John Riley

SS Tasman 1999 by J. Riley.

VICTORIA

Heritage Victoria

Oman: Peter Harvey recently returned from a trip to Oman with Tom Vosmer, Pat Baker and US archaeologists sponsored by Oman's Ministry of Culture to determine if a piece of wood found in a bog was ship related. Unfortunately it wasn't (!), but

would have been the world's oldest located shipwreck if it had been though!

'Reef to Cape': Heritage Victoria historian Anne Cahir is currently researching wrecks for the thematic 'Reef to Cape' regional project and maritime archaeological survey. This will cover all wrecks from Point Lonsdale to Cape Otway.

South Channel Fort: An underwater survey of the South Channel Fort jetty was conducted by the MHU with Wayne Caldwell. The jetty is to be demolished by Parks Victoria following engineering advice that it is beyond repair. A replacement jetty to accommodate charter vessels and increased visitor numbers to the historic 'shoal type' fort will be built in its place. The Fort was part of Port Phillip's South Channel defences and is an artificial island which commenced construction in 1879 but was made redundant by 1908.

Fieldwork: The MHU will be in the field from 14-28 March working on the *City of Launceston* (1865) site. James Parkinson has been employed as a project officer for 2 months to assist in the organisation and fieldwork, and collating material for the forthcoming AIMA *City of Launceston* Special Publication. John Riley from NSW, students from Flinders University Rebecca O'Reilly and Chris Lewczek, Peter Ronald and MAAV volunteer Peter Taylor will also be participating.

A recent trip to Wilsons Promontory from 2-11 February was successful in locating the wreck of the *Cheviot* (1827-1853), a whaling barque voyaging to

the Quebec, South Seas, Tasmanian and Victorian fisheries during its career. MAAV volunteers Scott Allen, Nick Savva and Andy Savvas' participation and assistance was greatly appreciated. A land survey of the remains at Refuge Cove and Waratah Bay was also undertaken by Heritage Victoria and La Trobe University archaeologists to determine if there were any whaling related sites as part of the AIMA/ ASHA Archaeology of Whaling in Southern Australia and New Zealand (AWSANZ) project.

Mahogany Ship: Another non-disturbance survey of the 'Mahogany Ship' site at Warrnambool was undertaken by Dr John Sherwood from Deakin University. It involved obtaining soil samples from the water table to determine if there were higher levels of trace metals that might indicate a shipwreck related source. It appears that an excavation will be undertaken after consultation with local community groups, Natural Resources and Environment and the Shire.

Museum: Shirley Strachan, Peter Ronald (Chair of the Historic Shipwrecks Advisory Committee) and designer Adam Worralls have completed a Maritime Museum Concept Plan for the City of Greater Geelong and Wool Museum, proposed for the historic Geelong Customs House. The exhibits will include interpretation relating to pre-history, settlement, early activities such as limeburning, port facilities and channels, and shipwrecks including the *Lightning* burnt at Cunningham Pier, and J-Class submarines which were based in Geelong.

Database work is ongoing with a new Shiplist database currently in draft form. The new database has new fields to allow direct transfer to the National Shipwreck Database. The Victorian Heritage Register On-line (www.heritage.vic.gov.au) will also have more fields allowing all information to be published over the www, including images, passenger lists and site information. The artefact database is also being updated. Amnesty cataloguing work is ongoing.

The next AIMA/NAS Part I course is scheduled for the weekend of April 8-9, at the Polly Woodside Maritime Museum.

The Mahogany Ship For those who are following the story of the discovery of oak timber in the dunes near Warrnambool last year, the results of a ground penetrating radar survey conducted by Heritage Victoria with GPR consultant Tony Siggins on 20 November 1999 are now known.

The GPR survey covered an area of 900 square metres centred over the location of the timber. The GPR

picked up reflective signals from the timber object buried at a depth of 2.9 metres. The signal indicates the timber has corners/ square edges and is about 3 metres in length. Some interesting regular perturbation type reflective signals were picked up nearby which Tony advises may be interpreted as being from metal (but may also be related to dune formation and saline water run off or pooling type effect).

The GPR survey does not indicate any larger objects in the vicinity that might indicate that this relatively small isolated timber is part of a shipwreck. At this stage Heritage Victoria remains open minded about the possibility of this timber belonging to a shipwreck in the area (including the 'ancient wreck' sighted in the 19th century also known as the Mahogany Ship), or whether it is a piece of flotsam/ jetsam, or from a 20th century wreck the *Falls of Halladale* (1908) wrecked nearby at Peterborough carrying a deck cargo of oak timber. Excavation is an option depending on the results of further non-disturbance survey work and analysis of the combined data.

Ross Anderson
Maritime Heritage Unit

Queensland

Queensland Museum

Relocation: The Queensland Museum's Maritime Archaeology Section will be relocating to Townsville holus-bolus in January 2000. Janet Campbell and Warren Delaney are unfortunately not making the move with the Maritime Archaeology Section to Townsville, as they have commitments which are keeping them in Brisbane. They are hopefully both to be re-deployed within the Queensland Museum.

Peter Illidge (Pandora Ops Manager) and Andrew Viduka (Conservator) are already in Townsville and can be contacted at:

Maritime Archaeology Section
The Museum of Tropical Queensland
Flinders St East
Townsville 4810
email: pandora@mtq.qld.gov.au

Peter Illidge 07 - 47 260 610
Andrew Viduka 07 - 47 260 616
Mar Arch Lab 07 - 47 260 619
Peter Gesner 07 - 47 260 625 (after 30 Jan 2000)

Western Australia

THE FRENCH CONNECTION: The new year opens with preparations for the celebration the Bicentenary of the French Explorations. The Department of Maritime Archaeology and other individuals have conducted a number of historical studies and searches relating to the French exploration on the Western Australian coast. Museum staff have also assisted various scholars and authors in research projects. Presently staff are working with external scholars and affiliates in French explorer related studies. Recently the opportunity arose within the Department to unify this into a suite of studies entitled '*The French Connection*'

In chronological order the events are:

- a) The voyages of de St Allouarn in 1772 *Gros Ventre*
- b) The loss of *Astolabe* and *Boussole* with La Perouse in 1788;
- c) The voyages of d'Entrecasteaux in 1792 *Esperance* and *Recherche*
- d) Baudin and Hamelin's explorations in 1801-3 *Geographe* and *Naturaliste*
- e) Louis and Rose de Freycinet's visit to Shark Bay (1818), and the loss of the ship in the Falkland Islands in 1820 later *L'Uranie*
- f) The visit of Dumont d'Urville in 1826 *Astrolabe II*
- g) The loss of the whaler *Perseverant* at Shark Bay in 1841;
- h) The loss of the French cargo ship *Ville de Rouen* in 1901;

This unified study is reminiscent of the VOC (Dutch East India Company) and Colonial Shipwreck themes that have characterised the Department's efforts in other areas.

The Archaeological elements of the 'French Connection' involve: 1) Research and fieldwork relating to the annexation of the Shark Bay region by St Allouarn in 1772 involving the deposition of coins and a bottle containing an annexation parchment. (M. Stanbury *et al*)

2) The search for 2 anchors lost by St Allouarn in Shark Bay (J. Green, C. Souter, M. P Godard, the Shire of Shark Bay, etc);

- 3) Research and fieldwork re the deposition of bottles and plates in Shark Bay and possibly other regions by subsequent explorers Hamelin and Baudin 1801-3 (M. McCarthy)
- 4) The visit by Rose and Louis de Freycinet to Shark Bay and the removal of both the de Vlamingh plate and the Hamelin plate in 1817. Research into the whereabouts of the Hamelin plate (M. McCarthy and M.P. Godard);
- 5) Proposed studies at the wreck of the de Freycinet's ship *L'Uranie* in the Falkland Islands. This involves their campsite (M. McCarthy, M P. Godard and H. Edwards);
- 6) The location and re-erection of the de Vlamingh plate by Hamelin and then a plate of his own. Research and fieldwork at the plate site (M. McCarthy, P. Playford and National Trust);
- 7) The search for the *chaloupe* a longboat lost near Busselton during the Hamelin and Baudin voyages (J. Green, C. Souter and T. O'Brien of Bunbury);
- 8) Search for the anchor lost by *Naturaliste* in 1801 off Busselton;
- 9) Assisting in the publication of the report S. Sledge and N. Clarke on the examination of the remains of one of La Perouse's vessels lost in the Pacific in 1788 (J. Green and M. Stanbury);
- 10) Research and fieldwork related to the loss of the whaler *Perseverant* (1837-41) and the marooning of the crew in Shark Bay (M. McCarthy, C. Souter and H. Edwards);
- 11) The recording and management of the remains of the Barque *Ville de Rouen* lost at Moore River in 1901 (Department and J. Clarke of Two Rocks).

SIDE SCAN SONAR: The Side Scan Sonar is finally back from the US and has been fieldtested. It was used in conjunction with a magnetometer survey in February in the search for Baudin's anchor lost from the *Geographe* near Busselton. The Side Scan has also been tested on the Swan River wrecks and it is envisaged that a more comprehensive survey of the river wrecks will be initiated in Winter, when rain opens up the upper reaches of the Swan. Jeremy Green is presently off to South Australia with the side scan to investigate the ships graveyard with Bill Jeffery and Terry Arnott.

SEPIA: Investigation into the wreck of the *Sepia* (1898) located between Garden and Carnac Islands has commenced with an attempt to utilise sonar and photogrammetric survey methods (some developed by

the Centre of Excellence). This dynamic and relatively deep site affords us the opportunity to really test the effectiveness of these latest survey methods and ensure that the technology is useable by practitioners nationwide. *El Nino* (or is it *La Nina*?) has served us up some interesting weather patterns here in the West which while hindering some summer fieldwork, really tests the suitability of these techniques and equipment deployment!

POST GRAD DIPLOMA IN MARITIME

ARCHAEOLOGY: Negotiations are currently underway for the next Post Graduate Diploma in Maritime Archaeology held at Curtin University. The commencement date is currently July 2001.

Enquires should be addressed to:
 Professor David Dolan
 Research Institute of Cultural Heritage
 Curtin University of Technology
 PO Box U1987
 PERTH WA 6845
 Tel: (08) 92663831 Fax: (08) 92663836

Corioli Souter
 Western Australian Maritime Museum

AROUND THE WORLD



News from the Internet

From Tony Austin

<http://ads.ahds.ac.uk/project/staff.html>

Archaeology Data Service posted to Histarch 25

November 1999: The Archaeology Data Service (ADS) is pleased to announce that the Database of Implement Petrology for Britain is now available on-line as a downloadable delimited text file suitable for import into most databases or spreadsheets. The database has been assembled by the Implement Petrology Committee (IPC) of the Council for British Archaeology (CBA).

This valuable resource can be accessed from either the

'Project Archives' button on the main menu of ArchSearch at <http://ads.ahds.ac.uk/catalogue/> and selecting the 'Finds-based studies' option or through the ADS catalogue. For example, try a keyword search on 'petrology' and follow the links.

DAPPER update: following user feedback including a special workshop the ArchSearch Project Archives interface has been remodelled. Take a look at <http://ads.ahds.ac.uk/catalogue/>. Also AutoCAD drawings are now being made available in DWF format as well DXF and DWG. This is a special Internet format which can be viewed using the AutoCAD WHIP browser plug-in. The latter can be downloaded at <http://www.autodesk.com/products/whip/index.htm>.

The Digital Archiving Pilot Project: Excavation Records project was funded by English Heritage and provides the digital Excavation archives for the Royal Opera House (MoLAS) and Eynsham Abbey (OAU).

The Ancient Biomolecules Initiative can also be viewed on-line through the Archaeology Data Service (ADS). The Ancient Biomolecules Initiative is a £1.9 million program funded by the Natural Environment Research Council (NERC) to explore the biomolecular record of past life which is entombed in archaeological and geological material. The findings have applications in archaeology, anthropology, forensic science, research into the past climates and oil exploration.

The leaflets can be accessed through ArchSearch, the ADS catalogue at <http://ads.ahds.ac.uk/catalogue/>. For example, try a Project Name or Keyword search on 'Ancient Biomolecules Initiative' and click on the resource name for detailed metadata. Then follow the link under Resource Details.

Access will also be available through the ADS 'Library' in the very near future. The Library will be available as a new ArchSearch menu option.

The Library will both host on-line publications and provide links to quality resources held elsewhere. Resources will include books and monographs, articles and journals. Initial holdings will include CBA Research Reports in PDF format.

Tony Austin <http://ads.ahds.ac.uk/project/staff.html>
Computing Officer Archaeology Data Service
The King's manor York YO1 7EP UK
phone +44 (0)1904-433975
fax +44 (0)1904-433939

From Mark Norder, posted on SUB-ARCH 10

February 2000 – **Archaeological Association and Avocational Internet list:** Volunteers are an oft overlooked option by both the professionals who lament the lack of available funds and the sport diving community critical of those they perceive to be ivory tower elitists. Avocational organisations are more than just a manpower resource, wielding shovels and swimming transects under the watchful eye of benevolent professionals. Avocationalists have shown conclusively that a properly managed organisation can provide professional level resources that include research, site mapping, project documentation and education programs.

Anyone interested in learning more about avocationalists and the work they are doing is invited to participate in this new and exciting discussion group. Our goal is to develop a means for volunteer organisations and individuals throughout the world to communicate, share experiences and discuss issues. It will also be a source for information, fieldwork opportunities and related websites.

To subscribe, unsubscribe or post, please refer to the following e-mail addresses:

Post Message avocationalists@eGroups.com
Subscribe avocationalists-subscribe@eGroups.com
Unsubscribe avocationalists-unsubscribe@eGroups.com

Leave subject area blank and type in the text area:
subscribe avocationalists your name

Should there be any problem subscribing through this method, please contact Kimberly Monk at kmonk@julian.uwo.ca and she will add you to the list. We hope that you will all find this communication forum helpful. Should you have any questions please don't hesitate to contact either Kimberly Monk at kmonk@julian.uwo.ca or myself at mnorder@aol.com.

Archaeological Ethics: From Smoke (Michael A.) Pfeiffer, RPA, mpfeiffe/r8_ozark@fs.fed.us posted on Histach-L Recently while searching for an ethics statement, I realised that many state, regional, and some national societies and journals do not have ethics statements up on the web.

For your information and comparative purposes, here are five that I have found so far. If anyone knows of any others, I would appreciate hearing about them.
Society for Historical Archaeology (SHA) http://www.sah.org/sha_back.htm
Association of Historical Archaeologists of the Pacific Northwest (AHAPN) <http://www.mindspring.com/~larinc/ahapn/ethics/ethics.htm>

Society for American Archaeology (SAA)

<http://www.saa.org/Society/Ethics/prethic.html>

World Archaeological Congress (WAC)

<http://www.wac.uct.ac.za/archive/content/ethics.html>

Register of Professional Archaeologists (ROPA)

<http://www.rpanet.org/conduct.htm>

Guide to Graduate Schools in Archaeology: From Kris Hirst Kris-Hirst@uiowa.edu posted to Histarch-l 29 January 2000: With some amount of fear and trembling, I quietly announce the About.com Guide to Graduate Schools in Archaeology. It's not done, by any means, but there's a good head start. The plan is for each department generating MA and/or PhD level archaeologists to have a page on the guide, detailing addresses, home page links, degrees, archaeology faculty and faculty interests, and departmental strengths, the last two of which are used to build a keyword list. I'm doing this partly because I've lost what little mind I have left, and partly because I get e-mail all the time from prospective students wanting to know where to study what.

There's only about 150 schools listed to date, and I plan to continue to add and add and add, on a global level, and including Anthropology, History, Classics, and Art and Art History departments in the mix. If I missed your school, I would appreciate a stern lecture on the point. Here's the URL:

<http://archaeology.about.com/education/archaeology/library/univ/blggsa.htm>

and comments are warmly welcomed.

Kris Hirst

Office of the State Archaeologist

The University of Iowa

Kris-Hirst@uiowa.edu or archaeology@about.com

<http://archaeology.about.com>

UNESCO Convention : From Paulo Alexandre Monteiro arqueologia@portugalmail.pt Posted to Subarch-L 29 January 2000: Ever since scuba diving became popular in the late 1940s, growing numbers of people have searched the seas for treasure. But devices like the camera-carrying robots, which allowed scientists to find the Titanic, are helping treasure hunters locate shipwrecks faster, and reach the farthest recesses of the sea. Scientists want to end the plundering by adopting a treaty proposed by UNESCO, the United Nations Educational, Scientific and Cultural Organisation. The proposal will make shipwrecks the property of governments, prohibit the sale of their artefacts and extend the span of nations territorial waters. Governments will be urged to step up maritime vigilance in order to protect mankind's nautical heritage, with scavengers subjected to the laws of the government controlling the waters of the wreck. UNESCO's general assembly and national

governments will have to ratify the proposal, a process that would take several years. However, some countries, with the USA in the lead, are blocking this approval due to lobbying activities from treasure hunters. Associations, like those of ProSea

<http://www.prosea.org>

have been created to defend the treasure hunters' side of the coin. Now, a crucial voting meeting is scheduled for April. Stand up and be counted. Let the people concerned hear about how you can help prevent our common heritage from being destroyed.

So, please support the Online Campaign for the UNESCO convention at:

<http://www.terravista.pt/mussulo/2386/>

Paulo Alexandre Monteiro

Delegacao do Centro de Nacional de Arqueologia

Subaquatica nos Acores

Ph No: 351-96-24 13 815

From Geoff Carver on behalf of Zbigniew Kobyliński, posted on Hist-Arch 12 February 2000: **ICOMOS, ICCROM International Conference and ICOMOS Charter Review:** I would like to inform you that in October (23rd-26th) this year in Cracow, under the auspices of the ICOMOS, ICCROM and various educational and conservation institutions, both Polish and foreign, there will be held an international conference on protection and preservation of historical monuments, entitled CULTURAL HERITAGE AS FOUNDATION OF CIVILISATION DEVELOPMENT. The aim of this conference is to prepare an internationally accepted document, a sort of declaration or charter, expressing the actual thoughts and attitudes towards historical heritage, supplementing this way or replacing the famous and significant *Venice Charter* of the 1964. I have been invited to co-ordinate the pre-conference work on the part of this document devoted to archaeological heritage. My task will be to present to the conference in October the proposal of possible text on this subject. Normally I should, as other co-ordinators do, organise a series of smaller-scale conferences, to discuss widely these problems, before the final presentation of results. However, as I was asked to co-ordinate this work at the very late stage, there is no time for such a procedure. Instead I would like to ask for your help and assistance by sending me your comments, which I will try to summarise in the document to be presented to the Cracow meeting. In case of archaeological heritage we are in quite comfortable situation having already the widely recognised ICOMOS Charter for the Protection and Management of the Archaeological Heritage of 1990. However, it is possible that the rapid economic, social and political development has made it in your opinion

necessary for this important document to be amended or supplemented. I think that the best solution will be to start with the ICOMOS Charter and see if we can jointly suggest anything more suitable to our present-day situation or to our present-day attitude towards the archaeological heritage. In case you have no copy of the Charter at your disposal I take the liberty of attaching the text for your comments. I will appreciate any comments or suggestions and - of course - before presenting my summary to the Cracow meeting I will send you a draft for final comments. I would be also grateful for your help in distributing my kind request among other potentially interested archaeologists.

Of course, if you are willing to participate in the conference, I will be happy meeting you there. All the necessary information can be found at the address: www.pk.edu.pl/~c2000. If necessary, I will gladly send you any further information and help to contact you with the organisers.

Zbigniew Kobylinski (Dr)
Institute of Archaeology and Ethnology
Polish Academy of Sciences
PL 00-140 Warszawa
Al. Solidarnosci 105
Fax (48 22) 624 01 00
E-mail: zbikob@iaepan.edu.pl

Associations

Australian Archaeology Association (AAA):
Subscriptions for 2000 are due in January. The 1999 December issue of Australian Archaeology will be out soon.

If you have recently paid for 2000, receipts are normally sent out with the journal. If you need a receipt urgently e-mail Richard Fullagar or the AAA Treasurer Huw Barton:
barton@acl.archaeology.usyd.edu.au

If you have not paid up or wish to join or subscribe to the journal Australian Archaeology, please contact:

Richard Fullagar
AAA Membership Secretary
25 Balfour Road
Austinmer NSW 2515
Australia

OR FAX (CREDIT CARD PAYMENT ONLY):
+ 61 (0) 242674547 (phone/fax)

Or contact Richard by email: fullagar@uow.edu.au
Or check out the website
<http://www.archaeology.usyd.edu.au/AAA/>
There is information about the organisation, conferences and membership.

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

Nautical Archaeology Society (NAS): 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

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

New Books, Publications, Videos and Articles



SHA / SPMA Book Announcement: All inquiries should be directed to the David Brown Book Company, PO Box 511, Oakville, CT 06779, USA
Tel: 800 791 9354 Fax: 860 945 9468
E-mail: david.brown.bk.co@snet.net

Old and New Worlds Historical / Post-Medieval Archaeology Papers from the Societies' joint conferences at Williamsburg and London 1997 to mark thirty years of work and achievement edited by Geoff Egan for SPMA and Ronn Michael for SHA

Even before the *Mayflower* sailed across the Atlantic in 1620, the material and cultural lives of the 'Old' and 'New' worlds were inextricably linked. New ceramics, new foods, new ideas of space, even new types of tobacco pipe moved across the ocean and continued to spread over the next 400 years. This book reflects the techniques which archaeologists have used over the last thirty years to try and unravel, from this mass of material evidence, the lives of early Americans, and their English contemporaries. As well as shedding new light on the past, this book also discusses the unique methodologies which historical archaeologists (in both Britain and the US) have developed to study early modern and industrialised societies. The use of written sources to enrich archaeological evidence is well-established, but the papers in this book also discuss new theoretical approaches focusing on ethnicity and domestic space, and new practical techniques using environmental as well as artifactual evidence.

404p with many b/w pls (Oxbow Books, in association with the Society for Historical Archaeology and Society for Post-Medieval Archaeology, 1999)
1900188929 Hb \$60.00

Forthcoming Conferences

The Eighth International Congress on Graeco-Oriental and African Studies will be held on the island of Oinousses (near Chios), Greece, from July 5-9, 2000.

The theme of the conference this year is *Navigation and Trade in the Mediterranean from the 7th to the 19th Centuries*: It is sponsored by the Institute for Graeco-Oriental Studies, Athens, and the Department of History of Cairo University.

Special topics include: 1) Construction of sailing ships in the Mediterranean. 2) Naval warfare and naval weapons in the Mediterranean. 3) Sea trade in the Mediterranean. There will also be a round table on the novelist Naguib Mahfuz.

Accommodations and transportation expenses WITHIN GREECE will be covered by the congress. Airfares to Greece from abroad are the responsibility of participants.

Abstracts of papers should be submitted by MARCH 1, 2000 (about 600 words).
All correspondence should be addressed to:
Prof. V. Christides,
Institute for Graeco-Oriental and African Studies,
Solomou 39, Kryoneri
Attikis, 14568 Greece. Fax. (01) 816-1037.

CALL FOR PAPERS

The Australian Institute for Maritime Archaeology (AIMA) and The Australasian Society for Historical Archaeology (ASHA) Joint Annual Conference Nov 2000

Archaeology, Heritage and Tourism

A second joint conference between AIMA and ASHA is to be held in South Australia from 28 November to 2 December 2000. This conference will follow immediately after the National Archaeology Students Conference, from 25-27 November.

The theme of the conference is archaeology, heritage and tourism-in what way do these subjects overlap-should they?; what are the benefits of making heritage available to the cultural tourist; what are the possible conflicts, and if so, can they be resolved.

Papers / Workshops addressing the following topics would be most welcome:

- 1) Current projects / programs involving archaeology, heritage and tourism;
- 2) The role of archaeology in cultural tourism;
- 3) Archaeology and Cultural tourism-conflict or cooperation
- 4) What is cultural tourism;
- 5) Teaching archaeology and cultural tourism;
- 6) The interpretation and cultural tourism use of archaeological and other heritage sites;
- 7) Databases as resources for archaeologists, heritage managers and cultural tourists;
- 8) Virtual cultural tourism-is it the same as virtual archaeology?
- 9) Preserve, promote and profit the professional and commercial roles in the use of archaeological and heritage sites;
- 10) Cultural Heritage Trails
- 11) Archaeology and Native Title
- 12) The Archaeology of Incarceration
- 13) AIMA/NAS Training : the involvement of Sport divers in underwater archaeology

For further information contact:

Dr Peter Bell (Conference Chair)

pbell@adelaide.on.net

Bill Jeffery (Conference Program arranger)

bjeffery@dehaa.sa.gov.au

Dr Bill Adams (Conference Program arranger)

bill.adams@flinders.edu.au

Tradition and Innovation: Advances in Conservation – 18th International Congress: 10 – 14 October 2000 Melbourne, Victoria. Contact Jullian Bickersteth, International Conservation Services. 53 Victoria Ave, Chatswood, NSW, 2057. Ph (02) 9417 3311 or email j.bickersteth@ibm.net

ICOM/CECA 2000 Christchurch New Zealand

The first ICOM/CECA Conference to be held in New Zealand Conference Theme - "Culture as Commodity" 29 October - 3 November 2000, Christchurch
 What is ICOM/CECA? ICOM (International Council of Museums) is a global umbrella organisation for all professional museums functions and services. Within ICOM, CECA is the Committee for Education and cultural Action. Is one of the largest committees of ICOM and is made up of museum educators and other museum professionals with an interest in education. Members are drawn from more than 70 countries, from museums of all types and are concerned with all aspects of museum education research, management, interpretation, exhibitions, evaluation and media.

For further information please contact the Conference Convenor Conference Secretariat P. Anthony Preston or Megan O'Brien

Robert McDougall Art Gallery

Conference Innovators

Tel: 64 3 365 0915 Tel: 64 3 379 0309

Fax: 64 3 365 3942 Fax: 64 3 379 0460

E-mail: tony.preston@ccc.govt.nz

Email: megan@conference.co.nz

Further Studies, Internships and Fieldwork opportunities

Montclair State University's Center for Archaeological Studies is proud to announce its Summer 2000 Archaeology Field School in New Jersey, USA. Our field school takes place in the 'Deserted Village' of Feltville / Glenside Park, a National Register of Historic Places District. The Feltville Archaeology Project is a multi-year interdisciplinary study of the history and archaeology of this important early industrial / utopian village, including analysis of changing patterns of land use, economy, ideology, architecture, industry and class structure. Our field school is open to students of all ages and educational backgrounds.

Interested list members should review our field school information at

<http://www.chss.montclair.edu/archaeology/fldschl>

Matthew S. Tomaso,

Coordinator, Centre for Archaeological Studies

Director, Feltville Archaeology Project

Principal Investigator, Arch2 Consulting Services

Office: +1 (973)655-7990

Home: +1 (732)805-9756

Florida State University's Program in Underwater Archaeology announces its annual summer Underwater Field School in the waters of Apalachee Bay in the Big Bend Region of Florida. The 6-week field session will last from 26 June to 04 August, 2000.

Representing the balanced nature of the Program at FSU, the field school will involve hands-on research on both historic shipwrecks and submerged prehistoric sites. The field school will incorporate two ongoing FSU research efforts: the PaleoAucilla Prehistory Project, and the Dog Island Shipwreck Survey. Students will learn survey, excavation, and recording techniques on submerged early prehistoric sites on the continental shelf three to six miles offshore, as well as on 19th and possibly 18th century shipwreck sites in the waters around Dog Island.

Operations will be based at the Florida State University Marine Laboratory on the Gulf coast at Turkey Point (about 45 miles south of Tallahassee). Students participating in this field school will gain experience with GPS-based sidescan sonar, magnetometer, and towed diver surveying techniques, hand fan testing, vibra-coring, induction dredging, mapping underwater, artefact analysis, and report production.

Graduate and advanced Undergraduate students are welcome to apply. Credit can be obtained through Florida State University as ANT 4135, Anthropological Field Work: Underwater Archaeology Field School, or possibly through one's home institution.

More information on the field school, along with downloadable application forms, is available on the Program webpage: www.adp.fsu.edu/uwarch.html

Field work opportunity: Fort Atkinson, Winnebago Native American Village and trading post Iowa:

The Summer 2000 University of Iowa American Indian and Native Studies Program/Department of Anthropology field school will focus on the archaeology of the Fort Atkinson, Iowa area with emphasis on excavation at two Winnebago Native American village sites and a nearby trading post.

The 1840 establishment of the Fort Atkinson military post and forced relocation of the Winnebago from Wisconsin to the Neutral Ground (Winnebago Sub-agency) created a short-lived but complex cultural landscape that witnessed varied interactions between various native groups including Winnebago, Meskwaki, and Sioux; these native groups and U.S. Military and Sub-agency personnel; and subsequent post-military occupations of the Fort Atkinson area.

As with our highly successful 1999 field school, the goal of the Summer 2000 field school is to train participants to conduct high-quality field archaeology that specifically integrates issues of concern for local and regional native peoples, descendant populations, and living communities. In addition to training in field archaeology methods, participants will interact with Native Americans and be involved in conducting historical archival research in support of the archaeological investigations.

For more information and on-line application see: <http://www.uiowa.edu/~ainsp/fschool/first.html> or contact Larry Zimmerman (larry-zimmerman@uiowa.edu) or John Doershuk (john-doershuk@uiowa.edu)
Archaeological Field School University of

Missouri-St.Louis Session I: Cahokia Mounds State Historic Site June 12 -30, 2000 Session II: Arrow Rock, Missouri July 10 - 28, 2000.

Description: The University of Missouri-St. Louis will operate a six week archaeological field school between June 12 - 30 and July 10 - 28, 2000. The first three weeks will be spent at the Cahokia Mounds State Historic Park exploring portions of a prehistoric earthen mound associated with the Mississippian culture (A.D.1000-1400). The second three weeks will be spent in Arrow Rock, Missouri exploring its industrial and African-American heritage.

Excavations in Arrow Rock will concentrate on a stoneware pottery factory (1854-1870) and a late 19th and early 20th Century African-American community including a Masonic Lodge, an African Methodist Episcopal Church, a schoolhouse, a restaurant/bar, and multiple households.

Those interested can sign up for three or six college credits in Anthropology 109/309: Archaeological Field School through the University of Missouri-St. Louis at \$132.60 per credit for in-state or \$396.40 per credit for out-of-state undergraduates. Transportation and lodging will be provided in Arrow Rock, Missouri, but will not be provided at Cahokia Mounds State Historic Park. Food is the responsibility of each student. Scholarships may also be available to help supplement travel and food costs.

For further information contact

Tim Baumann; Department of Anthropology
University of Missouri - St. Louis
8001 Natural Bridge Road
St. Louis, MO 63121-4499
Phone: (314) 516-6021
Email: tbaumann@umsl.edu
Website:

<http://www.umsl.edu/~anttbaum/fieldschool2.htm>

Boston University Underwater Archaeology Field School in Bermuda: We are offering a four-week pilot field school program involving research on an early historic shipwreck within the Bermuda reef area, as part of the ongoing maritime heritage management program being run by the Bermuda Maritime Museum.

The current dates are from August 6th to September 3rd, 2000. Students will receive 4 credits for CAS AR 503 "Archaeological Field Methods: Survey and Excavation", upon successful completion of course requirements. In addition to the normal prerequisites (CAS AR 101 and CAS AR 102), students will also be required to have valid scuba certification (e.g, PADI

"Open Water"). The wreck site will of course be investigated within the context of Bermuda's maritime history, as presented in evening lectures and field trips around the islands, and through specific discussions of maritime and nautical archaeology theories and practice.

For further information contact

Claire Calcagno
Department of Archaeology
Boston University
675 Commonwealth Avenue, Suite 347
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Field Work Opportunity ARCHAEOLOGY IN BELIZE, CENTRAL AMERICA From Ausarch-L 21 January 2000

The Western Belize Regional Cave Project announces its field school for the summer of 2000!

The Belize Valley Archaeological Reconnaissance Project will once again be conducting archaeological research within various caves in Belize, Central America this coming summer. This regional study will involve caves investigated in previous seasons, including Actun Chapat (Cave of the Centipede), Actun Halal (Dart Cave), Barton Creek Cave, and a number of caves recently discovered. The archaeological material under investigation include elite burials, stone monuments, cave art and carving. The project will focus upon interpreting the role of caves in the culture of the ancient Maya. Dr. Jaime Awe of the University of New Hampshire will be directing the archaeological investigations in the caves, which will include extensive exploration of cave sites, survey, mapping of rooms and artefacts, typing of pottery, artefact tabulation, data recording, and excavation. Dr. Awe was the first archaeologist to explore Actun Tunichil Muknal, and his preliminary exploration of this exotic cave site was featured in a 1993 National Geographic Explorer documentary film titled, "Journey Through the Underworld."

In addition to tabulation and mapping of numerous cultural remains, the project will also include laboratory efforts where participants will be exposed to ceramic and lithic analyses and preliminary analysis of human remains. Lectures will provide an overview of Maya civilisation with a particular focus on ideology

and cosmology relating to the use of caves by prehistoric Maya. Participants will also participate in the excavation of pyramids and other structures in ceremonial centres on the surface. These efforts will encompass survey and reconnaissance of known, yet unexplored groups and widespread mapping of the area. Investigations will also be conducted at the large, Classic period centre of Baking Pot in the Belize River Valley.

Field School:
Session 1: 4 June to 1 July, 2000
Session 2: 9 July to 5 August, 2000

This Field Research opportunity is also available in two-week sessions:
Session 1: 4 June to 17 June, 2000
Session 2: 9 July to 22 July, 2000

Due to the strenuous and dangerous nature of cave reconnaissance it is imperative that volunteers be in excellent physical condition and at least 18 years of age. Prior spelunking experience is preferred. Registration fees for the project are \$950 U.S. per two week session or \$1650 for the 1 month field school, which includes lodging, weekday meals, and transportation to and from the cave sites. Travel to and from Belize and incidental expenses are the responsibility of the participant.

Academic credit may be obtained for the course through the University of New Hampshire. Two credit options are available: 4 credit hours for one session or up to 8 credit hours for the field school. Further details are provided in the application package. For applications and more information all interested parties should respond via e-mail to Cameron Griffith, Co-Director, at: BelizeMaya@aol.com

Visit us on the World Wide Web!
<http://php.indiana.edu/~casgriff/Belize/CAVE.html>

Denbigh Shipwreck Project Seeks Crew for 2000 Field Season. The Institute of Nautical Archaeology's third field season of underwater excavation on the Civil War blockade-runner Denbigh will take place at Galveston in the summer of 2000. Time frame is two or three months max, mid-May to mid-August. A small stipend to partially defray expenses may be offered. Preference to applicants with experience in nautical archaeology and related disciplines. Students and others with special skills are encouraged to apply. SCUBA certification required for divers. There may be volunteer opportunities for non-divers. E-mail expression of interest and resume to Barto Arnold at barnold@tamu.edu. For details on the project please see our web site:

<http://nautarch.tamu.edu/PROJECTS/denbigh/denbigh.html>

Work experience opportunity From: sea-site@mailbase.ac.uk 10 January 2000

For a number of years the Archaeological Diving Unit has offered those interested in a career in marine archaeology the opportunity to gain work experience in the field. This year we intend to continue in a slightly modified form.

We are still happy to have daily visitors on board *Scimitar* during diving and survey work, and warmly welcome students, sport divers, archaeologists, administrators etc. so they can have a brief glimpse of what we get up to.

This year we are offering budding professionals the chance to become an integral part of our team for a longer period, between two and six months.

Although this is not a salaried position and people would be unpaid volunteers, all food and accommodation expenses, together with reasonable travel costs within the UK, would be covered. For this reason we only have the resources for one such person at a time.

We are doing this is to give committed young archaeologists the chance to broaden their experience of professional archaeological work at sea. It will allow direct involvement in a range of activities such as wreck site assessment, archaeological surveying, geophysical surveying, hands-on experience with instrumentation and software frequently used in marine archaeology, dealing with people, as well as involvement in professional diving operations with surface supplied equipment.

If you are keen to learn first hand how the only full-time marine archaeological team in the UK operates, we are keen to hear from you, so please get in touch as soon as you can.

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AIMA Code of Ethics

Definition: A Maritime Archaeologist is a person who:

- holds an honours or other post-graduate degree in Maritime Archaeology or in another area of Archaeology with a major in Maritime Archaeology; **or**
- has gained Australian State or Commonwealth recognition as a maritime archaeologist plus a minimum of two and a half years of full time professional experience applying the theories, methods and practices of Maritime Archaeology to the identification, evaluation, documentation or treatment of maritime archaeological sites in Australia and its Territories (one year experience in maritime archaeology must be under supervision of a maritime archaeologist); and products and activities that demonstrate the successful application of acquired proficiencies to the practice of maritime archaeological preservation.

A. CODE OF ETHICS

1. The Archaeologist's Responsibility to the Public

1.1 An archaeologist shall:

- a) Recognise a commitment to represent archaeology and its research results to the public in a responsible manner;
- b) Actively support conservation of the archaeological resource base;
- c) Be sensitive to, and respect the legitimate concerns of, groups whose cultural histories are the subjects of archaeological investigations;
- d) Avoid and discourage exaggerated, misleading, or unwarranted statements about archaeological matters that might induce others to engage in unethical or illegal activity;
- e) Support and comply with the terms of the ICOMOS Burra Charter.

1.2 An archaeologist shall not:

- a) Engage in any illegal or unethical conduct involving archaeological matters or knowingly permit the use of her/his name in support of any illegal or unethical activity involving archaeological matters;
- b) Give a professional opinion, make a public report, or give legal testimony involving archaeological matters without being as thoroughly informed as might reasonably be expected;

- c) Engage in conduct involving dishonesty, fraud, deceit or misrepresentation about archaeological matters;
- d) Undertake any research that affects the resource base for which he/she is not qualified.

2. The Archaeologist's Responsibility to her/his Colleagues

2.1 An archaeologist shall:

- a) Give appropriate credit for work done by others;
- b) Stay informed and knowledgeable about developments in her/his field or fields or specialisation;
- c) Encourage less qualified or experienced co-workers to develop skills and experience through participation in archaeological projects;
- d) Communicate and co-operate with colleagues having common professional interests;
- e) Give due respect to colleagues interests in, and right to, information about sites, areas, collections, or date where there is a mutual active or potentially active research concern;
- f) Know and comply with all laws applicable to her/his archaeological research, as well as with any relevant procedures promulgated by duly constituted professional organisations;
- g) Report knowledge of violations of this Code to AIMA and other appropriate authorities.

2.2 An archaeologist shall not:

- a) Falsely or maliciously attempt to injure the reputation of another archaeologist;
- b) Commit plagiarism in oral or written communication;
- c) Undertake research that affects the archaeological resource base unless reasonably prompt, appropriate analysis and reporting can be expected;
- d) Refuse a reasonable request from a qualified colleague for research data.

3. The Archaeologist's Responsibility to Employers and Clients.

3.1 An archaeologist shall:

- a) Respect the interest of her/his employer or client, so far as is consistent with the public welfare and this Code of Ethics;
- b) Refuse to comply with any requests or demands of an employer or client which conflict with this Code of Ethics;

- c) Recommend to employers or clients the employment of other archaeologists or other expert consultants upon encountering archaeological problems beyond her/his own competence;
- d) Exercise reasonable care to prevent her/his employees, colleagues, associates and others whose services are utilised by her/him from revealing or using confidential information. Confidential information means information of a non-archaeological nature gained in the course of employment which the employer or client has requested be held inviolate, or the disclosure of which would be embarrassing or would likely to be detrimental to the employer or client. Information ceases to be confidential when the employer or client so indicates or when such information becomes publicly known.

3.2 An archaeologist shall not:

- a) Reveal confidential information, unless required by law;
- b) Use confidential information for the advantage of herself/himself or a third person, unless the client consents to full disclosure;
- c) Accept compensation or anything of value for recommending the employment of another archaeologist or other person, unless such compensation or thing of value is fully disclosed to the potential employer or client;
- d) Recommend or participate in any research which does not comply with the requirements of the Standard of Research Performance.

B. STANDARD OR RESEARCH PERFORMANCE PREAMBLE

The research archaeologist has a responsibility to attempt to design and conduct projects that will add to our understanding of past cultures and/or that will develop better theories, methods, or techniques for interpreting the archaeological record, while causing minimal attrition of the archaeological resource base. In the conduct of a research project, the following minimum standards should be followed:

- 1. The archaeologist has a responsibility to prepare adequately for any research project whether or not in the field. The archaeologist must:
 - 1.1 Assess the adequacy of her/his qualifications for the demands of the project, and minimise inadequacies by acquiring additional expertise, by bringing in associates with the needed qualifications, or by modifying the scope of the project;

- 1.2 Inform herself/himself of relevant previous research;
- 1.3 Develop a scientific plan of research which specifies the objectives of the project, takes into account previous relevant research, employs a suitable methodology, and provides for economical use of the resource base (whether such base consists of an excavation site or of specimens), consistent with the objectives of the project;
- 1.4 Ensure the availability of adequate staff and support facilities to carry the project to completion, and to adequate curatorial facilities for specimens and records;
- 1.5 Comply with all legal requirements, including, without limitation, obtaining all necessary governmental permits and necessary permission from, landowners or other persons;
- 1.6 Determine whether the project is likely to interfere with the program or projects of other scholars and if there is such a likelihood, initiate negotiations to minimise such interference.
- 2. In conducting research, the archaeologist must follow her/his scientific plan of research, except to the extent that unforeseen circumstances warrant its modification.
- 3. Procedures for field survey or excavation must meet the following minimal standards:
 - 3.1 If specimens are collected, a system for identifying and recording their provenances must be maintained.
 - 3.2 Uncollected entities such as environmental or cultural features, depositional strata, and the like, must be fully and accurately recorded by appropriate means and their location recorded.
 - 3.3 The methods employed in data collection must be fully and accurately described. Significant stratigraphic and/or associational relationships among artefacts, other specimens, and cultural and environmental features must also be fully and accurately recorded.
 - 3.4 All records should be intelligible to other archaeologists. If terms lacking commonly held references are used, they should be clearly defined.
 - 3.5 Insofar as possible the interest of other researchers should be considered. For example, upper levels of a site should be scientifically excavated and recorded whenever feasible, even if the focus of the project is on underlying levels.

4. During accessioning, analysis, and storage of specimens and records in the laboratory, the archaeologist must take precautions to ensure the correlations between the specimens and the field records are maintained, so that provenance, contextual relationships, and the like are not confused or obscured.
5. Specimens and research records resulting from a project must be deposited or placed under the control of an institution with permanent curatorial facilities.
6. The archaeologist has responsibility for appropriate dissemination of the results of her/his research to the appropriate constituencies with reasonable dispatch.
- 6.1 Results viewed as significant contributions to substantive knowledge of the past or to advancements in theory, method, or technique should be disseminated to colleagues and other interested persons by appropriate means, such as publications, reports at professional meetings, or letters to colleagues.
- 6.2 Requests from qualified colleagues for information on research results ordinarily should be honoured, if consistent with the researcher's prior rights to publications and with her/his other professional responsibilities.
- 6.3 Failure to complete a full scholarly report within 10 years after completion of a project shall be construed as a waiver of an archaeologist's right to primacy with respect to analysis and publication of the data. Upon expiration of such 10 year period, or at such earlier time as the archaeologists shall determine not to publish the results, such data should be made fully

accessible for analysis and publication to other archaeologists.

- 6.4 While contractual obligations in reporting must be respected, archaeologists should not enter into a contract which prohibits the archaeologist from including her or his own interpretations or conclusions in contractual reports, or from a continuing right to use the data after completion of the project.
- 6.5 Archaeologists have an obligation to accede to reasonable requests for information from the news media.
7. Archaeologists have a responsibility to prevent the publication of precise site locations whenever such publication might lead to vandalism of the sites.

References

- Rock Art Research, A.N.A. **Reporter** (1985), 16(8):3
Australia I.C.O.M.O.S. **The Burra Charter I.C.O.M.O.S.**, 1981
- Dunnell, R.C., 1984, The ethics of archaeological significance decisions. In: Green, E. (ed), **Ethics and values in archaeology**, 1984:62-74. The Free Press, New York.
- Society of Professional Archaeologists, 1984, Code of Ethics and Standards of Research Performance. In: Green, E. (ed), **Ethics and values in archaeology**, 1984:22-27.
- Wildesen, L.E., 1984, The search for an ethic in archaeology: a historical perspective. In: Green, E. (ed), **Ethics and Values in archaeology**, 1984:3-12.

AIMA/NAS Training Newsletter

Issue 5

March 2000

News from around the States

News from New South Wales: The AIMA/NAS program in NSW has been well received since first being offered in 1998. To date there have been a total of five courses conducted with 44 students having received their certificates. It is envisaged that this interest will continue throughout the rest of 2000 with a further five courses being offered. These include four part I courses scheduled to run in March, July, August and November and two part II courses in May and September.

Introduction of Part II Courses: The part II component of the AIMA/NAS program is still relatively new in NSW, with the first part II being conducted over the weekend of the 29/30 July 1999 (see article by Bernard Brown). The keen interest expressed by many graduates of the part I courses to undertake the part II component will hopefully see many students continue on to participate in further courses. We are currently developing a more standardised curriculum for the part II course including lecture notes and fieldwork exercises to be used in the teaching of all part II programs in NSW.

Central Coast: We will be running the first ever part I course in Coffs Harbour the weekend of the 29-30th July 2000. This is being offered due to popular demand from the local community for a course to be run in their region. In particular, there has been a strong interest from several members of the Marine Division, National Parks Service based in Coffs Harbour as well as members of the local diving community. It is hoped that this will be the first in a series of courses offered in locations outside the Sydney metropolitan area. If there is a significant enough demand for further courses to be run in the Central Coast region then these courses will be tailored with specific content including historical and wreck information relevant to that region.

Stirling Smith

News from South Australia [No news received]

News from Victoria [No news received]

News from Western Australia [no news received]

News from Queensland: We are currently involved in negotiations with a local dive shop to establish the running of Part I courses through the shop.

Brad Duncan

News from Tasmania: Tasmania's second Part I and first Part II course was held at Port Arthur on successive weekends in February and March. Though only 3 students attended the Part I course, 8 students participated and graduated from the Part II course. The field work component of the Part II course was conducted in Mason Cove, Port Arthur, where the students carried out a variety of search techniques to locate the remains of an 1860s jetty.

The AIMA/NAS courses were held during the Port Arthur Maritime Archaeology Survey Project which ran from the 28th February to the 17th March. Some of the students, Eric Tierney, Tim Hyndes, Frank Verbeek, Verity Younger, Val Latham and Rob Meyer stayed on to participate in the project. This experience was accredited towards the fulfilment of the Part III component of the NAS certification scheme and for some, the \$30 daily allowance for volunteers, allowed them to offset the cost of the courses.

It is anticipated that the Port Arthur Maritime Archaeology Survey Project will run for another two years and that AIMA/NAS courses will be run in conjunction with the project.

Cosmos Coroneos
de facto Tasmanian State Tutor

Progress reports on current student projects

The first progress report on on-going projects has finally been submitted. It is hoped that now that Bernie has broken the ice many more such reports will follow.

An NSW Participant's Experience in AIMA/NAS Part II : Bernard Brown

Having completed AIMA/NAS Part I in July, 1998, I took the opportunity to attend the first NSW Part II course held at the Australian National Maritime Museum on October 30 & 31, 1999.

Only experienced in surface snorkelling, I was unsure how suited the course would be to my "above low tidemark" limitations. As it turned out, the agenda of classroom work on Day 1, followed, on Day 2, by a preliminary survey of a wreck of a steel hopper barge, partially beached at Berry's Bay in Sydney Harbour looked to be ideal.

The morning activities on Day 1 were lectures on Archaeological Principles, On-site Survey Methods and Conservation Methods by David Nutley, Tim Smith and Stirling Smith, respectively. The lectures refreshed my previous work in Part I, built upon journal articles I had read in the intervening year, and prepared me for our anticipated encounter with the barge at Berry's Bay on the next day. The lectures were ably presented by knowledgeable tutors with a liberal use of visual aids. Follow up material was promised in the form of wreck inspection report sheets and other accompanying literature. After lunch, we visited the Mitchell Library at the State Library of NSW, where we were acquainted with its reference staff and procedures and its resources relating to maritime records, reports, books and illustrations - both physically and via the catalogues.

Day 2 dawned windy with persistent rain. The exercise at Berry's Bay was reluctantly abandoned. But, as a consolation, we did see the hopper barge on a videotape concerning the demonstration of a sacrificial anode as a means of arresting corrosion of the vessel. Fortunately, our classroom was temporarily housing an old clinker built dinghy, undergoing restoration. So, divided into small teams, we practised our newly acquired survey skills on this vessel. Using trilateration, my group was able to produce a smooth curve for the side profile of the boat !

Having been on the receiving end for the two days, it was then the turn of the class to be pro-active by nominating individual projects which we could undertake for our Part II surveys and reports. As I was the only person who lived in the vicinity of Berry's Bay on the harbour north shore, I cautiously chose to survey the hopper barge.

On my first visit to Berry's Bay, I appraised the layout of the wrecked hopper barge and considered the procedures I could follow in making a useful record of

its current state. I made plan and elevation sketches of the basic layout of the barge and a sketch of its appearance from head on. I decided where I could locate a base line on the shore to survey the 32.5 m long vessel and how I would locate the base line with reference to landmarks nearby. Relative heights would be required, because the barge was listing to port (seaward). So it was necessary for me to improvise a sighting tube mounted upon a camera tripod, using a bubble gauge for levelling. I found Bill St John Wilkes' old book, *Nautical Archaeology* (New York, 1971), very useful for preparing such equipment from basic materials. I was able to borrow two tapes and, last but not least, Stirling Smith volunteered to help me with the measurements.

The survey took about 4 hours during a period of low tide which facilitated the maximum exposure of the barge for observations and photographs. Five equal spaced (7.0 m) points were used on the baseline for horizontal trilateration to locate both topsides of the vessel at a total of 22 points. Two of the baseline points were used, at a common level, to establish relative heights of those 22 points. A number of dimensions within the vessel were taken (e.g. the fore-aft curved gantry over the top of the hopper section, the location of significant fittings, the rubbing strip on the sides, frame spacing) to enable its reproduction in sketches and drawings.

Photographs were taken at low tide to provide a "photomosaic" of the badly corroded starboard side and to record the internal appearance of the barge. On a later day, during a spring low tide, photography of the vessel internals and major features was repeated. I also attempted a port (seaward) side inspection using a mask and snorkel but was frustrated by the poor visibility in the harbour water and the luxuriant growths of marine vegetation and shellfish covering the heavily concreted plates. Above surface photographs were taken of this part of the barge.

The processing of the data taken is now being undertaken. The locations of points identified by trilateration and relative height measurements have been drafted and found to be consistent. A three dimensional isometric drawing of the barge is being prepared. To this will be added sketches describing the visible basic construction features of the vessel and some comments on its deteriorating state.

A start has been made on compiling a history of the barge. Such vessels were relatively insignificant components of the plant used by the succession of authorities who were responsible for dredging and construction activities in Sydney Harbour in the first half of the 20th century. So information specific to the

Berry's Bay barge may be difficult to locate unless relevant old files are still in existence. This hopper barge may have been constructed at Cockatoo Island early in the century for the Dept of Public Works, who were, at the time, responsible for all dredging activities in NSW Harbours. It could later have been handed over to the Sydney Harbour Trust. With the formation of the Maritime Services Board (MSB) of NSW, in 1935, the barge could have been based at Goat Island and used for various harbour works, possible including the Captain Cook Graving Dock at Garden Island (1938 – 41).

A 1941 MSB photograph of a hopper barge identical to the Berry's Bay wreck (referred to as Hopper Barge No. 292) has been located on the Mitchell Library's database.

In the 1960's the MSB sold the barge, with a number of others, to a salvage firm based in Berry's bay. No salvage work appeared to proceed and there were disputes between the MSB, the salvage company, North Sydney Council and residents as to the future of the derelict fleet. This was partially resolved in the late 1960's when, in a major storm, a number of former MSB Hopper barges broke from their moorings and were wrecked on or near the eastern sea wall in Berry's bay.

My subject barge was driven ashore and is said to be resting partly on top of the wreck of another barge which is totally submerged.

When the present adjoining Sawmiller's Reserve was created from the site of the Eaton's timber mill, in the early 1980s, there were plans to utilise the wreck as a base for a harbourside swimming pool, but they were abandoned. Meanwhile the entropy of the wreck is increasing relentlessly.

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Course Structure

Part 1

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.

AIMA/NAS DIARY: TRAINING OPPORTUNITIES

The diary includes courses and events which would be of interest to all graduates. This diary will be updated in the next newsletter. For any enquires do not hesitate to contact your State tutor.

Date	State	Venue	Grade	Subject
April				
1/2	WA	Perth	Part I	
8/9	VIC	Polly Woodside	Part I	
May				
27/28	NSW	ANMM	Part II	
July				
29/30	NSW	ANMM	Part 1	
August				
12/13	NSW	Coffs Harbour	Part 1	
September				
23/24	NSW	ANMM	Part II	
November				
25/26	NSW	ANMM	Part 1	
28/2 Dec	SA	Adelaide	Part II	<i>AIMA/ASHA Conference</i> (partial fulfilment conference day requirement for Part II).
ANMM	Australian National Maritime Museum			
ASHA	Australian Society for Historical Archaeology			

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