# ARGONAUTA

The Newsletter of



# The Canadian Nautical Research Society

Volume XIV, Number Four October 1997

## ARGONAUTA

Founded 1984 by Kenneth S. Mackenzie ISSN No. 0843-8544

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ARGONAUTA is published four times per year in January, April, July and October and is edited for the Canadian Nautical Research society within the Maritime Studies Research Unit at Memorial University of Newfoundland.

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#### EDITORIAL

Readers will no doubt have noted some subtle changes (even delays) to the format of Argonauta over the past three issues. The new editors continue to learn the mysteries of desktop publishing and discover gremlins in places like printer driver versions.

The transition process continues and this issues marks a further departure. Margaret Gulliver, longtime managing editor is stepping down. The new editors, and I'm sure the previous editors, thank her for many contributions to this publication over the years.

This edition also marks the last time Lewis Fischer will provide a complete calender of events. Compiling such a calender is an exceedingly time consuming event. We have all benefitted from it. I certainly have found it among the most useful features of this newsletter over the years. This feature will be retained, as Lewis will continue to compile such a calender on a half-yearly basis for the *International Journal of Maritime History*, from which we can crib. Crib we will.

Looking ahead to future issues the editors note we've had virtually no response from members over the question of content for this newsletter, so we assume the basic structure and content is that desired by the membership. We are distressed to note, however, that very little new material in the way of short articles and the like have come our way. If you have a short article, summary of research, research report or description of archaeological work in progress or museum display we will consider them for publication.

Eds

## ICMH NEWS

# By Lewis R. Fischer

An earlier-than-usual deadline for this issue, occasioned in part by my attendance at an ICMH Executive meeting in Esbjerg, Denmark, means that I cannot tell you about the decisions for the themes of two major international congresses in the year 2000: the Third International Congress of Maritime History in Esbjerg and the International Commission for Maritime History Congress in Oslo, Norway. All the information will be reported in this column in the January issue of ARGONAUTA. Both should be important milestones; since the latter was hosted by CNRS in Montreal in 1995, I am especially interested to see what improvements the Norwegians will make. I also hope that Canadian attendance, which has been rising continuously at both these events, will continue its longterm trend.

In the interim, let me tell you about a couple of books published recently by one of our sister organizations, the International Maritime Economic History Association, which ought to be of more than passing interest to CNRS members. The first of these is Nancy R. Ross (ed.), The Diary of a Maritimer, 1816-1901: The Life and Times of Joseph Salter. This collection of diary entries, letters and other primary sources traces the career of a man whose life in general terms mirrored the experiences of hundreds of other Atlantic Canadians in the nineteenth century. Starting out as a seamen, Salter rose through the ranks to become a master and eventually a shipowner. He later diversified into shipbuilding, becoming one of the more important builders on the Petitcodiac River in eastern New Brunswick by the 1850s. Lured by the siren call of landward opportunities, he then left maritime life to try to make his fortune in mining and land speculation. By the latter part of the century, however, he was back in the maritime field, this time as a shipping agent and a shipbroker.

The second volume is authored by former CNRS President Faye Kert. Entitled Prize and Prejudice: Privateering and Naval Prize in Atlantic Canada in the War of 1812, this book analyzes in far more detail than has ever been done before Atlantic Canada's role in the prize war that comprised a key element of the War of 1812. Of special interest is the author's careful examination of the laws that framed this activity, something that has only been done sketchily in previous studies. Although a scholarly study, it is extremely readable and is certain to be at the core of the debate about this activity in coming years.

Both books are available in the series Research in Maritime History and may be ordered through your local bookseller or by writing to Maritime History Publications, Maritime Studies Research Unit, Memorial University of Newfoundland, St. John's, NF A1C 5S7. The cost of each is CAN \$19.95, including shipping and handling.

#### MEMBER NEWS

Marc Cormier is working on John Cabot, Saint-Pierre et Miquelon, Basques in the Atlantic Canada and early exploration. He has recently had *Toponymie ancienne* et origine des noms Saint-Pierre, Miquelon et Langlade published in The Northern Mariner, Vol V11, 1997.

Joan Goddard has been very active. A Window on Whaling in British Columbia has just been published. She says "it is directed to a general audience but can be used as a quick reference for researching". It contains a number of photographs not previously published. The book can be ordered directly from Joan for \$15.00 via her e-mail jgoddard @tnet .net or fax (250) 477- 7873. Joan helped prepare the Royal BC Museum exhibit, Whales, the Enduring Legacy that runs to February 1998 and she is currently working on a complimentary exhibit entitled Fur. Fluke and Fin for the Maritime Museum of British Columbia. Her research included personal interviews and arranging for the loan of some very interesting artifacts.

Daniel G. Harris is the author of *Francis* Sheldon in Denmark, 1686 - 1690 that appeared in the August issue of *The* Mariner's Mirror Vol. 83, No. 3, 1997. He is continuing his research on the Sheldons. Dan is currently working on Thornycroft's Yarrow's exports of torpedo boats to Norway and Sweden, 1871 - 1902.

Serve Durflinger has obtained his Ph.D from McGill - his thesis addresses "The Effects of the Second World War on Verdun, Quebec." He is teaching Canadian military history at the RMC continuing studies programme in Valcartier and St. Jean. Dr. Durflinger is still gathering material for a brief history of the frigate HMCS Durver, 1943-1946. Eileen Marcil has completed a history of Davie Shipyards. She reports that the boat building shed at Little Davie is being torn down to improve the view for condo residents. On a positive note cultural officials continue to occupy the fine Little Davie office.

# **ARGONAUTA ARTICLE (1)**

#### THE LOUISA1

# by Nicola O'Neill

The rotting hulks and barges to be found languishing up many creeks and rivers stand as relics of a bygone age; forming part of the British seafaring heritage that survives today. Notably there are the remains of a large wooden ship lying in a muddy bank on the River Taff in Cardiff, Wales. This ship was built in the 19<sup>th</sup> Century as the *Age of Sail* was drawing to a close; to be replaced by the Age of the Steamship. It would have sailed with the first great ocean steamships, thus representing an exciting and rare glimpse of this transitional phase of maritime history.

Local oral tradition indicates that this hulk is the ship *Louisa*. Although there is much speculation as to how she ended her working life at the beginning of this century, it appears that she was deliberately placed bow first into the bank of the River Taff. Her origins are even more unclear. Through research into the history of the ship *Louisa*, information sources both in Britain and Canada are piecing together the history of a great sailing ship. A fascinating story unfolds.

When Britain's forestry began to place restrictions on timber used in industries including shipbuilding, shipowners turned to Canadian shipyards to supply their large wooden ships. Canada still had huge timber resources and was able to supply vessels sooner and more cheaply than domestic shipyards. It is known that a ship named *Louisa* was built by James Yeo at Prince Edward Island, Nova Scotia, Canada. The shipbuilder James Yeo worked as a labourer in Devon until his emigration in 1819 to Port Hill, Prince Edward Island. He prospered here and by the end of the 1830's owned the Port Hill shipyard.

In 1840 Yeo began shipbuilding on a large scale and soon became the greatest of the island's shipbuilders. As such, he played a vital part in the colony's economic development in the middle years of the century. He was responsible for the construction of at least 155 ships, several of which were amongst the largest ships ever built in Prince Edward Island. Yeo's youngest sons, James and John, and his son-in-law and their associates built another 200 vessels. New ships built for sale in Britain were by far the most important of Prince Edward Island's exports. Many of these ships, launched from sites all around the shores of the island, were sailed unfinished to Britain for completion at a shipyard established in Appledore near Bideford by James Yeo's eldest son, William who returned to Britain in 1843 to act as his father's principal agent. William Yeo's position in England was of great importance to his father's success in shipbuilding; both were also at any one time usually the owners of up to twenty ships sailing with cargoes bound for ports all over the world.2

The Louisa was built in the period when European shipyards were making the transition from wooden to iron ships. This coincided with a time when there was a severe shortage in the Americas of iron manufacturers and stiff tariffs were placed on imported essential shipbuilding supplies, such as copper, iron, hemp and canvas.<sup>3</sup>

As mentioned above, William Yeo had moved to Appledore, North Devon, to become his father's British agent: "In the

Based on information compiled by Jerry Cross, Russell Phillips, and Nicola O'Neill

<sup>&</sup>lt;sup>2</sup>Bibliography, B Greenhill Dictionary of Canadian Biography. Source: Marven Moors, Maritime Museum of the Atlantic, Nova Scotia.

<sup>&</sup>lt;sup>3</sup>George Bass, Ships and Shipwrecks of the Americas, Thames & Hudson London, Bass.

late 1840's James Yeo of P.E.I. paid a visit to his son William .... The result of his visit...was a scheme to turn Appledore's sheltered bay, for centuries the safe, free mooring place on the river, into the British headquarters of James Yeo's great shipbuilding and lumber. trading business ..., Land was bought and filched, the great Richmond dry-dock was built and roughly-finished ships began to pour across the Atlantic from beaches of Prince Edward Island into the docks where they were caulked, refastened, partly re-rigged and classed by Lloyd's surveyors. Then they were sold in the British tonnage market. Appledore became one of the busiest and most prosperous places in south western England, though at a price. The whole neighbourhood was dominated by William Yeo, who as employer, landowner, banker, quarry owner, merchant, large ship owner and his father's voice in England, controlled the lives of half of the population."4

It is likely that the *Louisa* would have made her maiden voyage to Appledore from Port Hill, Prince Edward Island, to be received by William Yeo. Her cargo of timber would have been unloaded before work began to fully rig and finish the ship. The *Louisa's* registration was transferred from Prince Edward Island to Bristol on March 17, 1852. She remained on the Bristol registry until 14<sup>th</sup> of May 1873 when she was purchased by Rowlands and Thomas of Cardiff.<sup>5</sup>

If this ship proves to be the Louisa then it represents the last survivor of the 4,500 odd merchant sailing vessels that were built in the ship yards of Prince Edward Island.<sup>6</sup>

Its worth noting that some of Yeo's greatest ships were named after Yeo

<sup>6</sup>B Greenhill, The Last Survivor.

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family members; for example the James Yeo, and the William Yeo. It is possible the Louisa was named after William Yoe's daughter, Fanny Louisa. The name Fanny Louisa appears in the 1851 census as resident with her parents and siblings at 143 Bude Street, Appledore, aged 4 months. A painting of this lady is now in the maritime art collection at the Welsh Industrial Maritime Museum, Cardiff. The painting was given by Dr. Basil Greenhill to the people of Cardiff on his visit to view the site of the ship in spring 1995.

We know from pictorial iconography and written sources that the ship *Louisa* of Bristol, bound Venice for Cardiff, being towed over Bideford Bar by two steamers in a strong WNW gale, on the afternoon of January the Ist 1863, one rope broke and the towing gear of the other carried away, she ran on Saunton Sands. The crew and masters wife were saved but the ship was considered to become a total wreck. Though not as seriously damaged as was reported, she was later towed into Appledore for repair.

The only iconographic evidence available was encountered by the maritime artist Mark Myers during his research for the two paintings *Trouble on Bideford Bar* and the Louisa off the Holms. Mark Myers located a photograph of a painting by Edward Wassen held in the Bristol Museum & Art Gallery, mounted in an album forming part of the Keene collection. The photo is inscribed Louisa built PEI 1851 W. Yeo Bristol.

Lloyd's surveyors did not begin consistently surveying vessels on Prince Edward Island until 1855. Therefore ship construction and materials prior to this time are under-recorded and further recording of the *Louisa* is imperative to give an insight into the shipbuilding practices of the mid 19<sup>th</sup> century, both from written testament and first hand knowledge of the ships structure.

In order to determine a positive identification of this hulk further extensive survey and research needs to be undertaken, such information can be matched to copies of the Lloyds surveys carried out on the Louisa during the ship's working life.

From the preliminary survey work already carried out, several unique constructional features have come to light most noticeably being the diagonal planking. Although it was a common practice to sheath an elderly ship in order to cover and strengthen rotten frames, normal sheathing of the day ran fore and aft in duplication of the original planking and on top of it, according to Basil Greenhill; diagonal sheathing was very rare. The term coined by Lloyds was "Diagonally doubled with wood." The wooden outer planking was applied diagonally from the keel upwards, sloping aft. During the recording of the hull, we have found evidence that the ship was "felted and yellow metalled" on top of the diagonal sheathing, (sheets of a copper based metal nailed onto the outer planking with copper nails) this practice was common for ships operating in warmer climates.7

There are numerous oral accounts which suggest that the ship was stripped of its yellow metal and copper fastening during the 1930's when the metals were sold for scrap.

The survival of this ship, even in its present condition reverts to the issues surrounding its construction and the quality of repairs carried out during her working life. As we know from Lloyds registers the *Louisa* was retained by the Yeo family for a long time, this may suggest that the ship was built to a high specification. Ships built on Prince Edward Island were recorded by Lloyd's *surveys build quality* as "rough but strong."<sup>4</sup>

<sup>&</sup>lt;sup>4</sup>B Greenhill, *The Merchant Schooners*, Vol I Greenwich 78, page 162.

<sup>&</sup>lt;sup>5</sup>The Louisa was sold at Cardiff, 1873 by auction to C.W. Kellock 17/10/1872 and fetched 3.450 pounds, a very good price. She was sold again circa 1885/6 to Joseph Ross, of Aberayon, West Wales, who had been Master of the ship from 1874.

<sup>&</sup>lt;sup>7</sup>The Louisa was felted and yellow metalled in 1862 and diagonally doubled in 1869. Ref. Lloyds Register of Shipping.

<sup>&</sup>lt;sup>8</sup>In 1851 four ships and barques of between 550 and 800 tons were built on P.E.1. The largest was the *Louisa*, 781 tons, build by James Yoe at Port Hill. 1 find this ship listed in the register of 1905 and owned then in Cardiff, Wales. 1 presume she was then a coal hulk or barge of some kind but even so, fifty years is a long time for a soft wood ship to remain afloat. Frederick William Wallace, *Wooden Ships and Iron Men*, p.56. Basil Greenhill & Ann Gifford, *Westcountrymen of* 

Canadian shipbuilding during the 19<sup>th</sup> century was very different in its social and economic terms from shipbuilding practices in Britain during the same period. In the latter, demand and employment was highly cyclical, meaning that as the market picked up, ships were built very quickly. This contrasted with the practices in P.E.I. where ships were built slowly, and seasonally. According to conversations with Basil Greenhill it could be stated P.E.I. virtually had ships on the shelf.

The Louisa appeared to follow this tradition of sturdy, well built ships. A news report in *The Islander No 45*, August 15, 1851, starts "Launched, on the 14<sup>th</sup>, from the shipyard of Mr. William Ellis, Richard Bay, for James Yeo Esq. a very fine Juniper built, copper fastened ship of about 800 tons, called *Fanny Louisa...*"

If the hulk in Cardiff is to be the Louisa or any Prince Edward Island built ship, her original keel as well her frames from the second bullock down to the keel, should be either solely, or in combination, be Yellow Birch, Beech or Maple. Above that point they would be either Spruce or Hackmatch, her original planking was probably replaced during her working life.<sup>9</sup>

For much of the *Louisa's* working life her main cargo was timber; this would validate the suggestion that the ship had timber loading ports either side of the bow sprit "Her owners kept her mainly in timber trade; mostly Quebec, but she did sail to New Orleans, Mediterranean, Lisbon and Veracruz the latter probably for hardwood. Her Cardiff owners Rowlands & Thomas mainly traded in timber."<sup>10</sup>

It is possible to build up the Louisa's history of employment through the

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collation of Crew Lists and Articles of Agreement, many of which we have located from Cardiff and Bristol Record offices. Although there appears from the pre-disturbance survey to be little remaining of the ship's rigging, there is a mast step cut into the keel at mid section of the hull, the *Louisa* is reputed to have been a three masted, square rigged ship. Three masted square rigged ship was the vessel of choice for both Yankee marines and British sailors (Cf.Bass).

The North Devon Advertiser made a statement to the speed with which the *Louisa* was capable of in a transatlantic crossing; "The ship *Louisa*, Bristol owned by William Yeo has just completed one of the quickest voyages on record, carrying 1, 100 loads of timber, having left Quebec on 7<sup>th</sup> September arriving at Avon dock 29 days later."<sup>11</sup>

There were to be many repairs and alterations to her construction during her working life, many of which are noted in copies of Lloyds Register of Shipping which were published annually during the *Louisa's* working life. Once the Lloyds survey reports are located (Greenwich Maritime Museum is having difficulty locating surveys on the ship *Louisa*) we will understand more about the construction of this ship and the working processes of 19<sup>th</sup> century shipbuilding. From this will stem a positive identification.

History has shown us that Cardiff had a measure of maritime trade over a period of centuries, but there is no conclusive evidence as to when Cardiff became organised as a port. "In early days, ships probably berthed on the mud either of the foreshore or more often in the tidal portion of the river Taff within the town's limits ... It was the industries of the Taff and subsidiary valleys which mainly influenced the growth of Cardiff. Owing to the geographical conditions, the natural outlet for products of the early ironworks was southward to the sea, therefore Cardiff's growth was initiated by the abnormal industrial activity that took place towards the head of the Taff valley.... In the 1870's and 80's steel rapidly displaced iron along with coal as the major export product from Cardiff docks. Timber was imported for the ship building and ship repair companies of Butetown."<sup>17</sup>

Cardiff was Wales' major thriving sea port although very little remains of the ships and supporting quayside that made Cardiff the city it is today. Cardiff has all but lost its identity as a thriving seaport, the ship *Louisa* is the very last remains of a sailing ship to have operated out of Cardiff and soon the bulldozers will move in to create the controversial Cardiff Bay Development. A barrage will flood the remains of the harbour, the archaeology of the intertidal margin will be lost under water.

There is much uncertainty about the future of what today stands as a slowly decaying hulk, although she remains in a reasonable state of preservation and fairly undisturbed by human intervention, this situation is due to change as the site is under threat from the above mentioned civil engineering work.

Wrecks like this hulk are a valuable but diminishing cultural resource to give further insight into Cardiff's seafaring history. The fact that they belong to the immediate past, they often get overlooked. In the case of the *Louisa* she has been around as part of the scenery along the river Taff for nearly a century it is only now that her position is under threat.

Given these stimuli, Jerry Cross and Russell Phillips alerted Cardiff National Museum and Welsh Industrial & Maritime Museum of their interest in this hulk and its threat due to development of the site. In September 1994 a training course was run on the hulk by *The* 

P.E.L. Uni Toronto Press 1967.

<sup>&</sup>lt;sup>9</sup>Information provided by the Nova Scotia Museum

<sup>&</sup>lt;sup>10</sup> Letter to Basil Greenhill from Robin Craig.

<sup>&</sup>lt;sup>11</sup> Ref. North Devon Advertiser, 6 October 1859.

<sup>&</sup>lt;sup>12</sup>Edgar L Chappell, ed., History of the Port of Cardiff, Priory Press 1939.

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Nautical Archaeological Society in the techniques and aims of maritime archaeology. Jerry and Russell together with Nicola O'Neill formed 'The Louisa Project' and embarked on a predisturbance survey, together with a photographic record of the site and the collating of oral testimony and historical research into the hulk, believed to be the Louisa.

The ship lies today in the west bank of the river Taff, Grangetown, Cardiff, bow first at near right angle to the river bank. She is heeled over to her starboard side at an angle of about 15 degrees off the horizontal. Time has taken its toll of the ship's structure, as her planks have softened the hull has filled with silt and is now submerged under the water at high tide.

She is largely intact up to the first iron knees, which are forged rather than cast. The frames, internal and external planking and the diagonally doubled sheathing can be clearly seen. The stem post is visible as are the eroded tops of the frames running back from the bow on both port and starboard sides which are complete to the middle mast step which is approximately half of the ship's length. Although she measures slightly wider than the Louisa, (147 x 30.5 x 21.7 feet) over the years beached in the mud the ship's hull has sprung outwards. The ship was either repeatedly hit as she protruded into the centre of the river or she broke her back which has lost the rest of the ship from the mid-mast step to the stem. Another large piece of unidentified timber possibly related to the ship, perhaps a section of her keel, lies about 15m down river. Oral tradition notes that she was hit by a dredger in the 1950's.

The internal part of the ship has filled with silt, tidal motion has removed the silt from around the mast step and shows a scarf joint in the keel. A circular group of timbers stands vertically one meter above the silt three meters from the bow, possibly the windlass. A line of vertical upright ship timbers forming a centre line division in the hold of the ship protrude from the silt but are probably joined to the keelson. The fastenings are

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copper/bronze, wooden treenails and iron pins.

An application for the designation of this ship has been put to Sian Rees, Welsh Receiver of Wrecks, this is now pending. The outcome should be known in the near future. It is hoped that the application will be passed to afford time to carry out more in depth survey and partial excavation of the hulk. As all archaeological excavation is destructive careful assessment needs to be made of how much silt should be removed. This will depend on whether the site will be left untouched during development or if plans are to destroy the hulk.

The very best scenario for the future of the *Louisa* would be for the hulk to remain intact as she stands and be protected from any interaction from water sport activity once the bay is flooded. Therefore only a finite number of months remain whereby the natural tidal state reveals the structure for recording.

The Louisa project's aim is to more fully record the remains of this ship thereby identifying its origins. Wood samples will be taken from the different timbers; both hard and soft woods, the results of analysis will help to identify her. Once the silt has been removed from the internal mid section of the ship using shovels and low pressure water jet, this will expose a full cross section of the planking, allowing for the recording of fastenings, timber sizes and details of the keel with mast step will be more clearly visible. This work is now underway and revealing interesting constructional detail giving further reason to believe this ship is that of the Louisa, and a greater understanding of this ship's construction and ship building practice during her working life.

Prince Edward Islanders are obviously delighted to hear of this ship's survival and more research needs to be undertaken into information and documented on these ships at the Nova Scotia Museum. The recording and findings from the survey work carried out are to be made available to the Prince Edward Island Maritime Heritage Centre and to the people of Cardiff, in some form of publication.

# **ARGONAUTA ARTICLE (2)**

# S.S. 'JEREMIAH O'BRIEN' Returns to Normandy

#### by R.F. Latimer

Of the 2,710 Liberty ships built for the United States Maritime Commission during World War Two, at eighteen east and west coast yard over a period of fortynine months, only two operational vessels remain and both serve as memorial ships to a bygone era.

These merchant ships, the S.S. 'John W. Brown,' built in Baltimore in 1941 and the S.S. 'Jeremiah O'Brien', built in Portland, Maine in 1943, comprise the last visible evidence of history's greatest emergency shipbuilding program and the onset of a truly remarkable vessel.

On 16<sup>th</sup> August, 1994, the port of Halifax was honoured with a visit from the S.S. 'John W. Brown' which berthed at the Maritime Museum of the Atlantic pier for a period of five days, during which time she was open to the visiting public. She serves as a memorial museum ship at her home-port of Baltimore, Maryland.

On 19th April, 1994, fifty-one years after her initial launching, the S.S. 'Jeremiah O'Brien' sailed under San Francisco's Golden Gate Bridge, to begin her momentous forty-day voyage to 'Omaha Beach', Normandy, for the purpose of taking part in ceremonies marking the fiftieth anniversary of the allied invasion of Europe.

Her seventy-eight year-old skipper, Captain George Jahn and his volunteer fifty-six-man crew, whose average age exceeded seventy-years, were retired seafarers who manned the Liberty ships ARGONAUTA

Returning to San Francisco in late September, five-and-half months after her notable and uneventful voyage, her passage has been heralded as an outstanding achievement for a halfcentury-old vessel that was originally built as an expendable item of war.

The 'Jeremiah O'Brien' was no stranger to this theatre of war, having made eleven trips to the beaches in 1944, as well as four transatlantic convoys in addition to several commercial voyages to South American, U. S. west coast and Australian ports.

Withdrawn from active service in 1946 the 'Jeremiah O'Brien' was moored in Suisan Bay, California, where she remained a forgotten ship for the next thirty-three years.

In 1978 the National Liberty Ship Memorial Foundation was founded and the venerable "JO'B" was declared a National Monument. In 1979 the immense task of restoration began. After the benefit of some 100,000 hours of volunteer labour, together with a substantial sum of donated funds, the gallant ship was finally restored to her original configuration, including her wartime armament.

The 'Jeremiah O'Brien', preserved as a live memorial vessel by the National Liberty Ship organization, operates cruises in the San Francisco Bay area from her berth at Pier 3, Fort Mason, Golden Gate National Recreation Center, San Francisco.

As a memorial ship, "JO'B " represents the only surviving, unaltered example of the largest one-of-a-kind group of ships in history. Built from a modified, 10,000 tonner British design, this class is credited with saving the allied cause at a time when it teetered on the brink of disaster. These ships truly served to prevent the loss of Liberty, a cause for which they were aptly named. S.S. 'Jeremiah O'Brien', in addition, is a distinctive and fitting tribute to the hundreds of thousands of men and women who participated in the building, sailing, repairing and supplying of Liberty ships during World War II.

# SAILING THE INTERNET

"A good practical knot is both a nugget of hard-won technology and a thing of beauty." An unusual web site that features theory and practice on the subject of knots is maintained by Peter Suber, Department of Philosophy, Earlham College, Indiana, His index of sites includes Knot Tying with links to Rigging that is described as "an enormous, illustrated work in progress" and a ten language knot dictionary. Knot Theory includes many mathamatical papers on the subject, Knot Art covers the cultural aspect while Knot Books provides a very useful overview of the texts in and out of print. This index of links, 13 pages when printed out can be found at http:// www.earlham.edu/ suber/knotlink.htm.

Please note the change in address of MarHst-L a discussion list for those with a serious interest in marine history and maritime museums. To subscribe send a message to listserv @post.queen su .c a. In the first line of the message put Subscribe marhst-l your name.

Naval Officer's Association of Canada: http://www.naval.ca

Smithsonian's National Museum of American History: http:// www.si.edu/ organiza/museums/nmah/nmah.htm

Historic Naval Ships Association: http:// www.maritime.org/hnsa.htm

Save Ontario Shipwrecks: http:// yoda. sscl.uwo.ca/assoc/sos/

# ARGONAUTA DIARY

Compiled by Lewis R. Fischer

#### To November 2

"Out of the Sea: Sculpture and Graphics in the Inuit Art Collection," Exhibit, National Gallery of Canada, Ottawa, ON (Information: National Gallery of Canada, 380 Sussex Dr., Box 427, Stn. A, Ottawa KIN 9N4 [tel.:+1613-990-1985; FAX:+1613-993-4385; e-mail: mlugli @ngc.chin.gc.ca; WWW; http://national.gallery.ca])

# To November 9

Titanic Exhibition, Kehrwieder 2-3, Hamburg-Speicherstadt, Germany

# To November 16

"Before New England: The Dutch and Native Americans in the Connecticut River Valley, 1604-1634," Exhibit, Connecticut River Maritime Museum, Essex, CT (Information: Connecticut River Maritime Museum, 67 Main St., Essex, CT 06426 [tel.: +1 860-767-8269; FAX: +1 860-767-7028; e-mail: crm@connix.com; WWW: http: //www.connix.com/-crm])

## To Fall

"The Sailing Circle: 19th-Century Seafaring Women from New York," Exhibit, Mystic Seaport Museum, Mystic, CT (Information: Mystic Seaport Museum, 75 Greenmanville Ave., PO Box 6000, Mystic, CT 06355-0990 [tel.: +1 860-572-5359; FAX: +1 860-572-5329; e-mail: info@mystic.org; WWW: http:// www.mystic.org])

#### To December 28

"Wrecks and Rescues: The History of the US Lifesaving Service," Exhibit, Independence Seaport Museum, Philadelphia, PA (Information: Independence Scaport Museum, Penn's Landing Water-front, 211 S. Columbus Blvd, at Walnut St., Philadelphia 19106-1415 [tel.: +1 215-925-5439; FAX: +1 215-925-6713; WWW: http:// www.op.net/~arts/kock-gregorson/ seaport.web/seaport.web])

# To December 31

"New Bedford: From Whaling Port to National Whaling Park," Exhibit, New Bedford Whaling Museum, New Bedford, MA (Information: New Bedford Whaling Museum, 18 Johnny Cake Hill, New Bedford, MA 02740-6398 [tel.:+1 508-997-0046; FAX:+1 5 0 8 - 9 9 7 - 0 0 1 8 ; http://www.newbedford.com/ whalingmuseum/html])

# To December 31

"Prize Goods: Maritime Art and Artifacts Captured for the Collection," Peabody Essex Museum, Salem, MA (Information: Peabody Essex Museum, East India Square, Salem, MA 01970-3783 [tel.: +1 800-745-4054 or +1 508-745-1876; FAX: +1 508-744-6776; e-mail: pem@pem.org; WWW: http://www.pem.org])

# To December 31

"Saved by the Light: Michigan's Magnificent Lighhouses," Exhibit, Michigan Maritime Museum, South Haven, MI (Information: Michigan Maritime Museum, 260 Dyckman Ave., PO Box 534, South Haven, MI 49090 [tel.: +1 800-747-3810 or +1 616-637-8078; FAX: +1 616-637-1 5 9 4 ; W W W : h t t p : // www.artcom.com/museums/nv/mr/49 090-05.htm])

# **To December 31**

"A Century of First Coast Water Transportation," Exhibit, Jacksonville Maritime Museum, Jacksonville, FL (Information: Jacksonville Maritime Museum, 1015 Museum Circle, Unit 2, Jacksonville, FL 32207 [tel.: +1 904-355-9011])

# To January 4, 1998

"Under the Black Flag: Life among the Pirates," Exhibit, Mariners' Museum, Newport News, VA (Information: Mariners' Museum, 100 Museum Dr., Newport News 23606-3759 [tel.: +1 804-596-2222 or +1 800-581-7245; FAX: +1 804-591-8212; e-mail: info@mariner.org; http://www.mariner.org])

# **To January 1998**

"Harvesting the Inland Seas: Great Lakes Commercial Fishing," Exhibit, Wisconsin Maritime Museum, Manitowoc, WI (Information: Wisconsin Maritime Museum, 75 Maritime Dr., Manitowoc, WI 54220-6843 [tel.: +1 414-684-0218; FAX: +1 414-684-0219; WWW: http:// dataplusnet.com/maritime/bulletin .htm ])

# **To January 1998**

"Chartered for History: President Warfield to Exodus, 1947," Exhibit, Mariners' Museum, Newport News, VA (Information: Mariners' Museum, 100 Museum Dr., Newport News 23606-3759 [tel.;+1804-596-2222 or +1 800-581-7245; FAX: +1 804-591-8212; e-mail: info@mariner.org; WWW; http://www.mariner.org])

# To March 31, 1998

"Whales: The Enduring Legacy," Exhibit, Royal British Columbia Museum, Victoria, BC (Inform-ation: Royal British Columbia Museum, 675 Belleville St., PO Box 9815, Victoria, BC V8W 9W2 [tel.: +1 800-661-5411; FAX:+1250-356-8197; e-mail: PScott@rbml01.rbcm. go v. bc. c a; WWW: http:// www.rbcm1.rbcm.gov .bc.ca ])

## To April 1998

"Red Alert! Russian Submarine," Exhibit, Australian National Maritime Museum, Sydney, NSW (Information: Australian National Maritime Museum, 2 Murray St., Darling Harbour, Sydney, NSW 2000 [tel.: +61 2-9552-7777; FAX: +61 2-9552-2 3 1 8 ; e - m a i 1 : jmellefont@anmm.gov.au; WWW: http:// www.anmm.gov.au ])

# October 24-December 2

"Thalassa – Greek Australians and the Sea," Exhibit, South Australian Maritime Museum, Port Adelaide, SA (Information: South Australian Maritime Museum, 126 Lipson St., Port Adelaide, SA 5015 [tel.: +61 8-240-0200; FAX: +61 8-341-2208; WWW: http:// www.nma.gov.au/ directory/s108.h tm ])

## October 24-January 6, 1998

"Wahlverwanstschaft: Skandinavi en und Deutschland 1800-1914," Exhibit, Deutsches Historisches Museum, Berlin, Germany (Information: Deutsches Historisches Museum, Unter den Linden 2, D-10117 Berlin [tel.: +49 30-215020; FAX: +49 30-21502402; e-mail: webmaster @dhm.de; WWW:http:// www.dhm.de])

# October 25-February 1, 1998

"The Bard Brothers: Painting Amer ica under Steam and Sail," Exhibit, South Street Seaport Museum, New York, NY (Information: South Street Seaport Museum, 12 Fulton St., New York, NY 10038 [tel.: +1 212-248-8600; FAX:+1212-248-8610; e-mail: webmaster @southstseaport.org; http://www.southstseaport.org])

## October 30

British Commission for Maritime History, Seminar, Norfolk Building, King's College, Surrey St., London WC2, UK; Speaker: Peter Nash (King's College, London), "Life at the Limit: The Logistical Challenge of Supporting the British Fleet 1944-1946" (Information: David M. Williams, British Commission for Maritime History, Dept. of History, University of Leicester, Leicester LE1 7RH [tel.: +44 116-252-2582; FAX: +44 116-252-5081; e-mail: dmw@leicester.ac.uk])

#### October 30

Thursday Lectures, Merseyside Maritime Museum, Liverpool, UK; Speaker: David Hewer (Head of Marine Branch, HM Customs and Excise), "From Rowboat to Sentinel: The Story of HM Customs Cutter Service" (Information: Paul Rees, Merseyside Maritime Museum, Albert Dock, Liverpool L3 4AA [tel.: +44 151-478-4449; FAX: +44 151-478-4590; WWW; http:// www.merseyworld.com/museums/m aritim e. ht ml ])

# October 30-April 26, 1998

"Vasa Models," Exhibit, Vasa Museum, Stockholm, Sweden (Information: Viveca Lindenstrand, Vasa Museum, PO Box 27131, S-102 52 Stockholm [tel: +46 8-666-4870; FAX: +46 8-666-4888; e-mail: vasamuseet@vasamuseet.se])

## October 31-November 2

24th Annual Conference of the Nautical Research Guild, Boston, MA (Information: Joseph McClear y, Conference Coordinator, 3312 Running Cedar Way, Williamsbur g, VA 23188 [WWW: http:// www.Naut-Res-Guild.org/confer. ht ml ])

# October-January 1998

"Whales: Giants of the Deep," Exhibit, Australian National Maritime Museum, Sydney, NSW (Information: Australian National Maritime Museum, 2 Murray St., Darling Harbour, Sydney, NSW 2000 [tel.: +61 2-9552-7777; FAX: +61 2-9552-2318; e-mail: jmcllefont@anmm.gov.au; WWW: http:// www.anmm.gov.au])

# November 1

Oysterfest '97, Chesapeake Bay Maritime Museum, St. Michaels, MD (Information: Chesapeake Bay Maritime Museum, PO Box 636, Navy Point, St. Michaels, MD 21633-0636 [tel: +1 410-745-2916; e-mail: letters@cbmm.org; WWW: http://www.cbmm.org])

#### November 7-8

"The Impact of the Second World War on Canadian and Québec Society," Université du Québec à Montréal, Montréal, QC (Information: Dr. Serge Bernier, Directorate of History and Heritage, National Defence Headquarters, Ottawa, ON K1A 0K2 [tel.: +1 613-998-7066; FAX: +1 613-990-8579])

# November 12-13

Fleet Environmental Symposium, Virginia Beach, VA (Information: Rob Rigney [tel.: +1 757-424-2400; FAX: +1 757-424-0837; e-mail: Rigneyb@isaac1.cc.isa.com; http:// www.asnetw.org/envsym.html])

## November 13

British Commission for Maritime History, Seminar, Norfolk Building, King's College, Surrey St., London WC2, UK: Speaker: Neil Ashcroft (University of Hull), "Sai I, Steam and Transatlantic Trade: Britain and the Confederate Civil War Lifeline" (Information: David M. Williams, British Commission for Maritime History, Dept. of History, University of Leicester, Leice st er LE1 7RH [tel.: +44 116-252-2582; FAX: +44 1 1 6 - 2 5 2 - 5 0 8 1; e - m a i 1: dmw@leicester.ac.uk])

# November 13-15

"Comparative International History of Dock Labour, c. 1790-1970," Conference, International Institute of Social History, Amsterdam, Neth erlands (Information: Dr. Lex Heer ma van Voss, International Institute of Social History, Cruquiu sw eg 31, 1019 AT Amsterdam, Netherlands [tel.:+31 20-668-5866; FAX:+31 20-665-4181; e-mail: LHV@iisg.nl ])

#### November 14-16

Fourth Cologne Whaling Symposium, Cologne, Germany (Information: Kalus Barthelmess, Whaling Research Project, PO Box 620255, D-50695 Cologne [tel.: +49-221-7408396; FAX: +49 221-747342])

#### November 19

Lecture, Orlogsmuseet, Copen-hagan, Denmark; Speaker: Per Nielsen, "Flåden og Dansk Vestindien. I anledning af 80 året for overdrage ns en til USA" (Information: Orlogsmuseet, Overgaden Oven Vandet 58, 1415 Copenhagen K [tel.:+45 31-54-63-63; FAX: +45 31-54-39-80; WWW: http:// www.kulturnet.d/ homes/orlm])

#### November 19-May 10, 1998

"Saguenay Fjord," Exhibit, Musée de la Civilisation, Québec, QC (Information: Musée de la Civilisation, 85 rue Dalhousie, CP 155, Succ. B. Québec, QC G1K 7A6 [tel.:+1418-643-2158; FAX:+1418-646-9705; e-mail: mcqweb @mq.qc.ca; WWW: http:// www.mcq .org ])

#### November 24-28

4th Symposium of Iberoamerican Naval and Maritime History, Spanish Institute of Naval History, Madrid, Spain (Information: José Cerve ra Pery, Coordinator, 4th Symposium of Iberoamerican Naval and Maritime History, Juan de Mena 1, 28071 Madrid [FAX: +34 1-37-95-250])

#### November 27

British Commission for Maritime History, Seminar, Norfolk Building, King's College, Surrey St., London WC2, UK; Speaker: Dr. Roger Morriss (University of Exeter), "Fraud in the Management of the Royal Navy, 1770-1820" (Information: David M. Williams, British Commission for Maritime History, Dept. of History, University of Leicester, Leicester LE1 7RH [tel.: +44 116-252-2582; FAX: +44 116-252-5081; e-mail: dmw@leicester.ac.uk])

#### November 27

Thursday Lectures, Merseyside Maritime Museum, Liverpool, UK; Speaker: Andrew Lambert (King's College, London), "The Battle of the Atlantic: A Reassessment of Victory" (Information: Paul Rees, Merseyside Maritime Museum, Albert Dock, Liverpool L3 4AA [tel.:+44 151-478-4449; FAX: +44 151-478-4590; WWW: http://www.merseyworld.com/ museums/maritime.html])

## November

10th LSE Shipping Finance Conference, London School of Economics and Business Administration, London, UK (Information: Conference Division, LLP Limited, 69-77 Paul St., London EC2A 4LQ [tel.: +44 171-553-1000; FAX: +44 171-553-1111; e-mail: conferences@llplimited.com; WWW: http:// www.llplimited.com.conf97])

#### November

Joint Conference of the Society for Historical Archaeology and the Society for Post-Medieval Archaeology, London, UK

#### November

11th National Exhibition of Contemporary American Marine Painting, Sponsored by the American Society of Marine Artists, Cummer Museum of Art, Jacksonville, FL (Information: Cummer Museum of Art, 829 Riverside Ave., Jacksonville, FL 32204 [tel.: +1 904-356-6857])

# OCTOBER 1997

# November-April 1998

Mid-Atlantic Regional Exhibition of Marine Art, Sponsored by the American Society of Marine Artists, Independence Seaport Museum, Philadelphia, PA (Information: Independence Seaport Museum, Penn's Landing Waterfront, 211 S. Columbus Blvd. at Walnut St., Philadelphia 19106-1415 [tel.: +1 215-925-5439; FAX: +1 215-925-6713; http:// w w w o p . n et / ~ arts / k ockgregorson/seaport.web/ seaport.web])

# December 6-May 31, 1998

"The Culture of the Sea: One Hundred Photographs from the Mariners' Museum," Exhibit, Mariners' Museum, Newport News, VA (Information: Mariners' Museum, 100 Museum Dr., Newport News 23606-3759 [tel.: +1 804-596-2222 or +1 800-581-7245; FAX: +1 804-591-8212; e-mail: info@mariner.org; WWW: http://www.mariner.org])

## December 11

British Commission for Maritime History, Seminar, Norfolk Building, King's College, Surrey St., London WC2, UK; Speaker: Robert Miller (IASSM), "Custom, Religion and the Maritime World, c.1000-1250" (Information: David M. Williams, British Commission for Maritime History, Dept. of History, University of Leicester, Leicest er LE1 7RH [tel.: +44 116-252-2582; FAX: +44 116-252-5081; e-mail: dmw @leicester.ac.uk])

# December 27-30

99th Annual Meeting of the Archaeological Institute of America, Chicago, IL (Information: Program Committee, Arch-aeological Institute of America, 656 Beacon St., Boston, MA 02215)

#### December

"WIGs and ACVs: Utilising the Air-Sea Interface," Conference Sponsored by the Royal Institution of Naval Architects, London, UK (Information: Royal Institution of Naval Architects, 10 Upper Belgrave St., London SWIX 8BQ [tel.: +44 171-201-2401; FAX:

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+44 171-259-5912; e-mail: rinarch@aol.com; WWW; http://www.members.aol.com/rinarch /wigacv.htm])

#### December 1997-May 1998

"Arctic – Antarctic – Aspects of Art, Nature and Science," Exhibit, Bonn, Germany (Information: Steph an Andreae, Kunst- und Ausstellungshalle der Bundesrepublik Deutschland, Friederich-Ebert-Allee 4, D-53113 Bonn [tel.: +49 228-917-1170; FAX: +49 228-923-4154])

#### 1998

#### January 7-April 20

"Thalassa – Greek Australians and the Sea," Exhibit, Western Australian Maritime Museum, Fremantle, WA (Information: Graeme Henderso n, Western Australian Maritime Museum, Cliff St., Fremantle, WA 6160 [tel.: +61 9-431-8456; FAX: +61 9-336-6332; e-mail: GraemeH@mm.wa.gov.au; WWW: http:// www.mm.wa.gov.au])

# January 8-12

Society for Historical Archaeology Conference on Historical and Underwater Archaeology, Atlanta, GA (Information: Patrick H. Garrow, Program Coordinator, Garrow and Associates, 3772 Pleasantdale Rd., Atlanta, GA 30340 [tel.: +1 770-270-1192; FAX: +1 770-270-1932; e-mail: 74113.667 @compuserve.com; http://www.azstarnet.com/~sha/meet 98.htm ])

#### January 16-25

1998 Seattle Boat Show, Seattle, WA

#### January 21-23

Institute of Navigation, National Technical Conference, Santa Monica, CA (Information: Lisa Beaty, Institute of Navigation, 1800 Diagonal Rd., Suite 480, Alexandria, VA 22314 [tel.:+1703-683-7101; FAX:+1703-768-3771])

#### January 22

British Commission for Maritime History, Seminar, Norfolk Building, King's College, Surrey St., London WC2, UK; Speaker: Dr. Stephen Fisher (University of Exeter ), "The Portugal Trade' Revisited: Portugal, Brazil and the Atlantic Economy in the Eighteenth Century" (Information: David M. Williams, British Commission for Mar itime History, Dept. of History, University of Leicester, Leicester LEI 7RH [tel.: +44 116-252-2582; FAX: +44 116-252-5081; e-mail: dmw@leicester.ac.uk])

#### January 29

Thursday Lectures, Merseyside Maritime Museum, Liverpool, UK; Speaker: Gordon Jackson (University of Strathclyde), "An Emblem of Hell – Shipowners, Sailors and Sleaze" (Information: Paul Rees, Merseyside Maritime Museum, Albert Dock, Liverpool L3 4AA [tel.:+44 151-478-4449; FAX: +44 151-478-4590; W W W : http://www.merseyworld.com/museum s/ maritime.html])

## February 11

Lecture, Orlogsmuseet, Copenhagen, Denmark; Speaker: Peter Maac k, "Fregatten *Bornholm* og de fatale reise, I anledning af en færdigbygni ng af en model af fregatten" (Information: Orlogsmuseet, Overgaden Oven Vandet 58, 1415 Copenhagen K [tel.: +45 31-54-63-63; FAX: +45 31-54-39-80; http:// www. kulturnet. dk/homes/orlm])

#### February 12

British Commission for Maritime History, Seminar, Norfolk Building, King's College, Surrey St., London WC2, UK; Speaker: Tom Wareham (University of Exeter), "The Employment of Frigate Captains 1793-1815" (Information: David M. Williams, British Commission for Maritime History, Dept. of History, University of Leicester, Leicester LE1 7RH [tel.: +44 116-252-2582; FAX: +44 116-2 5 2 - 5 0 8 1 : e - m a i 1 : dmw@leicester.ac.uk])

# February 26

British Commission for Maritime History, Seminar, Norfolk Building, King's College, Surrey St., London WC2, UK; Speaker: Prof. Rodney H. Taylor (Royal Hospital, Haslar), "Cholera and the Royal Navy" (Information: David M. Williams, British Commission for Maritime History, Dept. of History, University of Leicester, Leicester LE1 7RH [tel.: +44 116-252-2582; FAX: +44 116-2 5 2 - 5 0 8 1 ; c - m a i 1 : dmw@leicester.ac.uk])

# February 26

Thursday Lectures, Merseyside Maritime Museum, Liverpool, UK; Speaker: Karen Howard (Merseysi de Maritime Museum), "Memories of Merseyside: Photographs from the Stewart Bale Archive" (Information: Paul Rees, Merseyside Maritime Museum, Albert Dock, Liverpool L3 4AA [tel.: +44 151-478-4449; FAX: + 4 4 1 5 1 - 4 7 8 -4590; http://www.merseyworld. com/museums/maritime.html ])

## February 28-May 17

"The Bard Brothers: Painting Amer ica under Steam and Sail," Exhibit, Mariners' Museum, Newport News, VA (Information: Mariners' Museum, 100 Museum Dr., Newport News, VA 23606-3759 [tel.: +1 804-596-2222 or +1 800-581-7245; FAX: +1 804-591-8212; e-mail: info@mariner.org])

# February

Reef Research Symposium, Palm Beach, F1, (Information: tel.: +1 561-335-3409)

#### February

International Conference on Ship Motions and Manoeuvrability, Spon sored by the Royal Institution of Naval Architects, London, UK (Information: Royal Institution of Naval Architects, 10 Upper Belgrave St., London SW1X 8BQ [tel.: +44 171-201-2401; FAX: +44 171-259-5912; e-mail: rin arch@ao1.co m; WWW: http://www.members.aol.com/rinarch/ shipmo.htm ])

#### March 2-4

ASNE Day 1998, Washington, DC (Information: American Society of Naval Engineers, 1452 Duke St., Alexandria, VA 22314-3458 [tel.; +1 703-8367491; FAX:+1703-836-6727; e-mail: asnehq.asne@mcimail.com; WWW: http://www.jhuapl.edu/ASNE])

## March 10-13

Oceanology International 98, Conference/Exhibition, Brighton, UK (Information: Spearhead Exhibitions, Ocean House, 50 Kingston Rd., New Malden, Surrey KT3 3LZ [tel.: +44 181-949-9222; FAX: +44 181-949-8215 or +44 181-949-8186; http://acrso.ns.ca/~spearhead/oceanology98.html])

#### March 11

Lecture, Orlogsmuseet, Copenhagen, Denmark; Speaker: Sven Thied e, "Søværnets skibe i de siste 25 år" (Information: Orlogsmuseet, Overgaden Oven Vandet 58, 1415 Copenhagen K [tel.:+4531-54-63-63; FAX: +45 31-54-39-80; WWW: h t t p : / / www.kulturnet.dk/homes/orlm])

## March 12

British Commission for Maritime History, Seminar, Norfolk Building, King's College, Surrey St., London WC2, UK; Speaker: Dr. Robert Cockroft (University of Nottingham), "Kipling's Captains Courageous: Ends and Means" (Information: David M. Williams, British Commission for Maritime History, Dept. of History, University of Leicester, Leicester I.E1 7RH [tel.: +44 116-252-2582; FAX: +44 116-252-5081; e-mail: dmw@leicester.ac.uk])

#### March 14

Sixth Annual New Researchers in Maritime History Conference, Centre for Maritime Historical Studies, University of Exeter, Exeter, UK (Information and Proposals by October 15, 1997: Dr. Michael Duffy, Director, Centre for Maritime Historical Studies, University of Exeter, Queen's Building, Exeter EX4 4QH [tel.: +44 1392-264324; FAX: +44 1392-264377; e-mail: M.Duffy @exeter.ac.uk])

#### March 26

British Commission for Maritime History, Seminar, Norfolk Building, King's College, Surrey St., London WC2, UK: Speaker: Prof. Richard Goss (University of Wales, Cardiff), "British Shipping Post-1945: Some Important Aspects" (Information: David M. Williams, British Commission for Maritime History, Dept. of History, University of Leicester, Leicester LE1 7RH [tel.: +44 116-252-2582; FAX: +44 116-252-5081; e-mail: dmw@leicester.ac.uk])

## March 26

Thursday Lectures, Merseyside Maritime Museum, Liverpool, UK; Speaker: Adrian Osler (Maritime History Consultant), "*Turbinia*: A Revolution in Marine Power" (Information: Paul Rees, Merseyside Maritime Museum, Albert Dock, Liverpool L3 4AA [tel.: +44 151-478-4449; FAX: +44 151-478-4590; http:// www.merseyworld.com/ museums/maritime.html ])

## March 29-April 3

International Symposium on the Management of River Fisheries, University of Hull, Hull, UK (Information: Dr. I.G. Cowx, International Fisheries Institute, University of Hull, Hull HU6 7RX [tel: +44 1482-466421; FAX: +44 1482-470129; e-mail: i.g.cowx @biosei.hull.ac.uk])

# March

International Conference on the Modern Yacht, Sponsored by the Royal Institution of Naval Architects, Portsmouth, UK (Information: Royal Institution of Naval Architects, 10 Upper Belgrave St., London SW1X 8BQ [tel.: +44 171-201-2401: FAX: +44 171-259-5912; e-mail: rinarch@aol.com; WWW: http://www.members.aol.com/rinarch/ modyacht.htm])

#### April 3-4

Second Biennial Conference of the Forum on European Expansion, Henry Huntington Library, San Marino, CA (Information and Proposals by October 15, 1997: Prof. David Hancock, Charles Warren Center for Studies in American History, Robinson Hall, Harvard University, Cambridge, MA 02138 [tel: +1 617-495-3591; FAX: +1 617-496-2111; cmail: hancockd@umich.edu ])

# April 9-12

22nd Annual Conference of the North American Society for Oceanic History, San Diego, CA (Information: Prof. Briton C. Busch, Dept. of History, Colgate University, Ham-ilton, NY 13346-1398 [tel.: +1 315-824-7511; FAX: +1 315-824-7098])

# April 23

Thursday Lectures, Merseyside Maritime Museum, Liverpool, UK; Speaker: Martin Lynn (Queen's University, Belfast), "The Commerce of Liverpool: Liverpool and Africa – The Continuing Connection" (Information: Paul Rees, Merseyside Maritime Museum, Albert Dock, Liverpool L3 4AA [tel.: +44 151-478-4449; FAX; +44 151-478-4590; WWW: http://www.merseyworld.com/museu ms/maritime.html])

# May 1-3

26th Annual Maritime History Conference, Maine Maritime Museum, Bath, ME (Information: Maine Maritime Museum, 243 Washington St., Bath, ME 04530 [tcl: +1 207-443-1316; FAX: +1 207-443-1665; e-mail: maritime@bathmainc.com; http://www.bathmaine.com])

#### May 14

British Commission for Maritime History, Seminar, Norfolk Building, King's College, Surrey St., London WC2, UK; Speaker: David W. London (King's College, London), "Robert Fulton and the Development of Underwater Warfare: Technological, Legal and Ethical Aspects" (Information: David M. Williams, British Commission for Maritime History, Dept. of History, University of Leicester, Leicester LEI 7RH [tel.: +44 116-252-2582: FAX: +44 116-252-5081: e - m a i 1 : dmw@leicester.ac.uk])

#### May 14-15

"Engineering the Total Ship," Symposium, Suitland, MD (Information: Dona Lee, Technical Director, American Society of Naval Engineers, 1452 Duke St., Alexandria, VA 22314-3458 [tel.: +1 703-836-7491; FAX:+1 703-836-6727; e-mail: asnchq.asne@mcimail.com; WWW: http://www.ihuapl.edu/ASNE[)

# May 15-16

First International Conference on Maritime Terminology: Issues in Communication and Translation, Brussels, Belgium (INformation: Dr. Marc van Campenhoudt, Centre de recherche TERMINISTI, Institut superieur de traducteurs et interpretes (ISTI), 34 rue Joseph Hazard, B-1180, Brussels [tel.: +32 2-346-2641; FAX: +32 2-346-2134; e-mail: marc.van.campenhoudt @euronet.be or terministi @euronet.be; WWW http:// www.refer.fr/terministi/ nauterm/nauten.htm])

# May 21-24

Naval Officers Association of Canada, Annual Conference, Victoria, BC (Information: Naval Officers Association of Canada, PO Box 26083, Nepean, ON K2H 9R6 [tel.:+1613-832-3045; FAX:+1613-832-3917; e-mail: 102222.457 @compuserve.com; W W : http://is.dal.ca/~gwitol/noac.html])

# May 22-September 30

"EXPO 98: The Oceans, A Heritage for the Future," Lisbon, Portugal (Information: WWW: http://www.expo98.pt)

# May 23-August 15

"Ocean Planet," Exhibit, Museum of Science and Industry, Chicago, IL (Information: Museum of Science and Industry, 57th St. and Lake Shore Dr., Chicago, IL 60637 [tel.: +1 312-684-1414; e-mail: msi@msichicago.org; WWW: http://www.msichicago.org ])

# May 21

British Commission for Maritime History, Seminar, Norfolk Building, King's College, Surrey St., London WC2, UK: Speaker: Evan Jones (University of Edinburgh), "Bristol Shipowners, Naval Defence and the Crown in the Sixteenth Century" (Information: David M. Williams, British Commission for Maritime History, Dept. of History, University of Leicester, Leicester LE1 7RH [tel.: +44 116-252-2582; FAX: +44 116-2 5 2 - 5 0 8 1 ; e - m a i 1 ; dmw@leicester.ac.uk ])

# May 28

Fifth Annual Peter N. Davies Lecture in Maritime Business History, Sponsored by the International Maritime Economic History Association in association with the Friends of the Merseyside Maritime Museum, Merseyside Maritime Museum, Liverpool, UK: Spea ke r. David M. Williams (Uni versity of Leicester), "Advertsing and Ship ping, c. 1650-1998: Crucial Histories of the Modern Worl d" (Information: Paul Rees, Merseyside Maritime Museum, Albert Dock, Liverpool L3 4AA [tel: +44 151-478-4449; FAX: +44 151-478-4590; http://www.merseyworld.com/ museums/maritime.html])

## June 4-5

13th Siena College Multi-Disciplinary Symposium on World War II, Sienna College, Loudonville, NY (Information: Prof. Thomas O. Kelly, Dept. of History, Siena College, 515 Loudon Rd., Loudonville, NY 12211-1462 [tel.: +1 518-783-2595; FAX: +1 518-786-5052; e-mail: kelly @siena.edu])

#### June 13-September 20

"The Bard Brothers: Painting America under Steam and Sail," Exhibit, New York State Historical Association, Cooperstown, NY (Information: New York State Historical Association, PO Box 800, Lake Rd., Cooperstown, NY 13326 [tel.: +1 607-547-1400; FAX: +1 607-547-1404; e-mail: nysha@aol.com; WWW: http://www.cooperstown. net/nysha])

## June 25-27

"Naval War, Exploration and Societies at Sea," Annual Conference of the Canadian Nautical Research Society, University of Calgary, Calgary, AB (Information: Dr. Chri st on I. Archer, Dept. of History, University of Calgary, 2500 University Dr. NW, Calgary, AB T2N 1N4 [tcl.: +1 403-220-6401; FAX: +1 403-289-8566; email: ar cher@acs.ucalgar y. ca ])

## June

Warship '98, Conference Sponsored by the Royal Institution of Naval Architects, London, UK (Information: Royal Institution of Naval Architects, 10 Upper Belgrave St., London SW1X 8BQ [tel.: +44 171-201-2401; FAX: +44 171-259-5912; c-mail: rinarch@aol.com; WWW; http://www.members.aol.co m/ rinarch])

# June

International Conference on the Literature of Small Islands, Charlottetown, PEI (Information: Dr. Richard Lemm, Conference Chair, Institute of Island Studies, University of Prince Edward Island, Charlottetown, PEI C1A 4P3 [tel.:+1 902-566-0592; FAX:+1 902-566-0756; e-mail: rlemm@upei.ca])

#### Spring

Spring Meeting of the Steamship Historical Society of America, Detroit, MI (Information: Steamship Historical Society of America, 300 Ray Dr., Suite 4. Providence, RI 02906 [tel.: +1 401-274-0805; WWW: http://cyberpcs.com/sshs])

## July 1-5

SubFest '98, San Francisco, CA (Information: Richard Armstrong, 1626 Encinal Ave., Alameda, CA 94501 [tel.:+1 510-521-5781; e-mail: nicedad1@earthlink.com; http:// home.earthlink.net/~dallasp ])

# July 9-11

"Peter the Great and the West: New Perspectives on Peter the Great," Conference, National Maritime Museum, Greenwich, UK (Information: Sophia Robertson, Research Administrator, National Maritime Museum, Greenwich SE10 9NF [tel.: +44 181-312-6616; FAX: +44 181-312-6722; email: sophia@dial.pipex.com, WWW http://www.nmm.ac.uk])

# July 10-12

"One Thousand Years of Warfare," Symposium, De Montfort University, Bedford, UK (Information: Symposium Committee, Institute for the Study of War and Society, De Montfort University, Polhill Ave., Bedford MK41 9EA [tel.: +44 1234-793069; FAX: +44 1234-217738; email: rsibbald@dmu.ac, uk ])

#### July 12-17

Eighth World Congress on Transport Research, Antwerp, Belgium (Information: Viviane De Wacker, Secretary of the 8th WCTR Program me Committee, University of Antwerp – UFSIA, Prinsstraat 13, 2000 Antwerp [tel.: +32 3-220-4174; FAX: +32 3-220-4026; e-mail: dse.dewacker.v@alpha.ufsia.ac.be; http://www.portofantwerp.be/html/w ctr/wetr. html ])

## July 18-25

21st Congress of the International Hydrographic Organization, Brighton, UK (Information: International Hydrographic Bureau, 4 quai Antoi ne Ier, BP 445, 98011 Monte Carl o, Monaco [tel.: +377 93-10-81-00; FAX: +377 93-25-20-03; e-mail: i h b @ u n i c e . f r; W W W http://www.iho.shom.fr/iho. html ])

#### July 23-26

Annual Kotka Maritime Festival, Kotka, Finland (Information: Kotk an Meripäivat Oy, Gutzeitintie 14, 48110 Kotka [tel: +358 52-234-4494; FAX: 358 52-217190; e-mail: kotkan.meripaivat@kotka.fi; http://www.kotka.fi/meripaivat/mp97 .htm])

# July 26-August 1

14th International Congress of Anthropological and Ethnological Sciences, College of William and Williamsburg. Mary. VA (Information: Dr. Tomako Hamada, Program Chair, 14th International Congress of Anthropological and Ethnological Sciences, Department of Anthropology, College of William and Mary, Williamsburg, VA 23187-8795 [tel.: +1 757-221-1060; FAX: +1 757-221-1066; e - mail: thamad@facstaff.wm.edu; WWW; http://www.icaes.wm. edu/icaes ])

# August 24-28

Twelfth International Congress of Economic History, Seville, Spain, including session B-15: "Global Markets: The Internationalization of the Sea Transport Industries since 1850." sponsored by the International Maritime Economic History Association (Information: Dr. David J. Starkey, Dept. of History, University of Hull, Hull HU6 7RX, UK [tel.: +44 1482-465624: FAX: +44 1482-466126; c-mail; D.J.Starkey@hist.hull.ac.uk]); session C-2: "Means of Communication, Spread of Information and European and Mediterranean Commerce, 10-17th Centuries" (Information: Dr. Michael Bibikov, Instit ut d'Histoire Universelle de l'Acad ém ie des Sciences Russe, Lenins ky Prosp. 32A, 117334 Moscow, Russia [FAX: +7 095-938-2288; e-mail: dima@igh1.msk.su]); session C-10: "Merchant Organization and Maritime Trade in the North Atlantic, 1660-1815" (Information: Dr. Olaf U. Janzen, Dept. of History, Sir Wilfred Grenfell College, Corner Brook, NF A2H 6P9 [tel.: +1 709-637-6282; FAX: +1 709-639-8125; e-mail: Olaf (a)beothuk. swgc.mun.ca]); session C-12: "La pêche européenne à l'époque pré-industrielle" (Information: Dr. Giuseppe Doneddu, Via Principessa Jolanda 44, 07100 Sassari, Italy [FAX: +39 79-239025]); session C-21: "Les ports et l'économie urbaine et régi on al c: hinterlands, investissements portuaires (1850-1910)" (Information: Dr. Natividad de la Puer ta Rueda, Colón de Larreategui 42-6D, 48009 Bilbao, Spain [FAX: +34 4-424-2156]); and session C-61; "Seascapes: Economic and Social Exchanges within Maritime Regions" (Information: Prof. Poul Holm, Centre for Maritime and Regional History, Tarphagevej 2, DK-6710 Esbjerg, Denmark [tel.: +45 75-150-666; FAX: +45 75- 153-057; e-mail: cmrhpoho@inet.uni-c.dk] or Lex Heerma van Voss, International Institute of Social History, Cruquiu sw eg 31, 1019 AT Amsterdam, Netherlands Itel. +31 20-668-5866; FAX: +31 20-665-4181; c-mail: LHV@iisg.nl])

#### August 24-29

"War and the Encounters of Civilizations from the Sixteenth Century," XXIV International Congress of Military History, Lisbon, Portugal

# September 3-5

Fourth International Congress of Urban History, Venice, Italy, including session on "Port Cities" sponsored by the International Maritime Economic History Association (Information and Proposals by October 31, 1997: David M. Williams, IMEHA Organizer, Department of Economic and Social History, University of Leicester, Leice st er LE1 7RH [tel.: +44 116-252-2582; FAX: +44 116-252-5081; email: DMW@leicester.ac.uk])

# September 18-19

"From Research to Reality in Ship Systems Engineering," Symposium, Tysons Corner, VA (Information: American Society of Naval Engineers, 1452 Duke St., Alexandria, VA 22314-3458 [tel.:+1703-836-7491; FAX:+1 703-836-6727; e-mail; asnehq.asne@mcimail.com; WWW: http://www.jhuapl.edu/AS NE ])

# September 19-December 13

"Ocean Planet," Exhibit, Museum of Science, Boston, MA (Information: Museum of Science, Science Park, Boston, MA 02114-1099 [tel.:+1617-723-2500 or +1 617-589-0419; FAX: +1 617-589-0454; e-mail: in f o @ m o s. o r g; W W W http://www.mos.org])

## October 18-21

Naval Logistics Conference, Arling to n, VA (Information: American Society of Naval Engineers, 1452 Duke St., Alexandria, VA 22314-3458 [tel.: +1 703-836-7491; FAX: +1 703-836-6727; e - mail: asnehq.asne@mcimail.com; WWW: http://www.jhuapl.edu/ASNE])

# October

25th Annual Conference of the Nautical Research Guild, US Merchant Marine Academy, King's Point, NY (Information: Nautical Research Guild, 19 Pleasant St., Everett, MA 02149 [email: genenrg@Naut-Res-Guild-org; WWW: http://www.Naut-Res-Guild .org ])

1999

# January 6-10

Society for Historical Archaeology Conference on Historical and Underwater Archaeology, Salt Lake City, UT (Information: Michael R. Polk, Program Coordinator, Sagebrush Archaeological Consultants, 3670 Quincy Ave., Suite 203, Ogden, UT 84403 [tel.:+1 801-394-0013; FAX: +1 801-394-0032; e-mail: sageb@aol.com; WWW; http://www.azstarnet.com/~sha/ meet99.htm])

# April 4-June 3

"Vikings," Exhibit, Canadian Museum of Civilization, Hull, QC (Information: Canadian Museum of Civilization, 100 Laurier St., PO Box 3100, Station B, Hull, QC J8X 4H2 [tel.:+1819-776-7000; FAX:+1819-776-8300; e-mail: members @cmmc.muse.digital.ca; WWW; http://www.smmc.muse.digital.ca])

# April 12-15

"Contemporary Maritime Missions," Fifth International Maritime Mission Conference, Antwerp, Belgium (Information: Stephen Friend, Religious and Cultural Studies, College of Ripon and York St. John, York YO3 7EX, UK [FAX: +44 1904-612512])

## August 9-12

"Eclipse 99: Navigational Stimulus to the History of Science," Conference, University of Plymouth, Plymouth, UK (Information: Dr. P.A.H. Seymour, Principal Lecturer in Astronomy, Institute of Marine Studies, University of Plymouth, Drake Circus, Plymouth, Devon PL4 8AA [tel.: +44 1752-232462; FAX: +44 1752-232406])

#### Summer

Joint Conference of the Association for the History of the Northern Seas and the Canadian Nautical Research Society, Sir Wilfred Grenfell College, Corner Brook, NF (Information: Dr Olaf U. Janzen, Dept. of History, Sir Wilfred Grenfell College, Corner Brook, NF A2H 6P9 [tcl.: +1 709-637-6282; FAX: +1 709-639-8125; email: Olaf @beothuk.swgc.mun.ca; WWW: http://inet.uni-c.dk/cmrhp oho/ahns.htm ])

## October

26th Annual Conference of the Nautical Research Guild, San Diego Maritime Museum. San Diego, CA (Information: Nautical Research Guild, 19 Pleasant St., Everett, MA 02149 [e-mail: genenrg@Naut-Res-Guild-org;WWW: http://www.Naut-Res-Guild.org])

## November 9-14

Society of Naval Architects and Marine Engineers Annual Conference, San Diego, CA (Information: Barbara Trentham, SNAME, 601 Pavonia Ave., Jersey City, NJ 07306 [tel.: +1 201-798-4800 or +1 800-798-2188; FAX: +1 201-798-4975; e-mail: btrentham@sname.org; WWW: http://www.sname.org])

## 2000

# January 5-9

Society for Historical Archaeology Conference on Historical and Underwater Archaeology, Québec, QC (Information: William Moss, Program Coordinator, Archeologue Principal, Division du Design et du Patrimoine, Centre de Developpement Economique et Urbain, CP 700, Haute-Ville, Québec, QC GIR 4S9 [tel:+1418-691-6869; FAX:+1418-691-7853; e-mail: wmoss@ cmq.qc.ca;http://www. azstarnet.com/~sha/me et 20.htm])

# July 30-August 1

Third International Congress of Maritime History, Sponsored by the International Maritime Economic History Association, Centre for Maritime and Regional History, Fiskeri- og Søfartsmuseum, Esbjerg, Denmark (Information: Prof. Poul Holm, Fiskeri- og Søfartsmuseet, DK-6710 Esbjerg V. Denmark [tel.: +45 75-150666; FAX: +45 75-153057; email: cmrhpoho@inet.uni-c.dk;

#### August 3-5

Pre-Conference of the International Commission for Maritime History, Bergen and Oslo, Norway (Information: Adrian Jarvis, Secretary-General, ICMH, Centre for Port and Maritime History, Merseyside Maritime Museum, Albert Dock, Liverpool L3 1DG, UK [tel.: +44 151-478-4094; FAX: +44 151-478-4098])

#### August 6-12

International Congress of Historical Sciences, Oslo, Norway, including Congress of the International Commission for Maritime History (Information: Prof. dr. Francois Bédarida, Secretary General, International Committee of Historical Sciences, Institut d'Histoire Temps Présent, 44 rue de l'Amiral Mouchez, 75014 Paris, France [tel.: +33 1-45-80-90-46; FAX: +33 1-45-65-43-50]; ICMH Organizer: Adrian Jarvis, Secretary-General, ICMH, Centre for Port and Maritime Merseyside History, Maritime Museum, Albert Dock, Liverpool L3 IDG, UK [tel.: +44 151-478-4094: FAX: +44 151-478-4098])

## October

27th Annual Conference of the Nautical Research Guild, Mariners' Museum, Newport News, VA (Information: Mariners' Museum, 100 Museum Dr., Newport News, VA 23606-3759 [tel.: +1 804-596-2222 or +1 800-581-7245; FAX: +1 804-591-8212; e-mail: info@mariner.org]

## NEWS FROM MARITIME ARCHIVES AND MUSEUMS

Marine Museum of the Great Lakes -Over 350 books have been donated by Mr. David Moor of St. Albans, UK. The titles, many from the late 18<sup>th</sup> and early 19<sup>th</sup> century compliment existing collections dealing with naval architecture and shipbuilding. The books were delivered by the Canmar Fortune into a waiting truck as break bulk cargo in the midst of a very busy container port in Montreal. The museum research library now has over 9,000 titles. Boxes of research material used by Dr. Andrew Collard for his book, *Passage to the Sea* have been accessioned. These include minute books, formative and founding documents of Canada Steamship Lines.

Exhibitions: HMCS Cataraqui, Kingston, Ontario--Schlachtschiff Bismarck, curated by society member Chris Varley has opened. It is a multi-media exhibit with a massive replica of Bismark all documenting "a time of titans at sea - and seven days on the North Atlantic when the world held its breath".

## NEWS FROM MARITIME ORGANIZATIONS AND SOCIETIES

Those interested in issues of women and sea (trades, WRENS, marine scientists, deckhands etc.) may have interest in a new UK based organization **Women and the Sea Network**: for information contact, Ms Jo Stanley, Research Department, National Maritime Museum, Greenwich, London SE10 9NF. Tele 0181-858 4422 fax 0181 312 6632

University of Hawai'i at Manoa, announces a new program: the Graduate Maritime Archaeology and History Certificate Program. For information write the School of Ocean and Earth Science and Technology, 1000 Pope Road, MSB 229-Honolulu Hawaii 96822 USA (808) 956-8433 Fax 808 956-2417. OCTOBER 1997

Published by the Division of University Relations Maritime Studies Research Unit Printed by MUN Printing Services

044-092 10/97/375