

# A Year In Depth

Maritime Archaeology Trust



25<sup>years</sup> of the  
Maritime  
Archaeology  
Trust





Front cover: The wreck of the Pronto, Maderia  
Image: Portland Breakwater  
photographed with an aerial drone.



# Maritime Archaeology Trust 2017

It has been over 25 years since the inauguration of the Trust. This report highlights a range of our achievements and serves to identify the building blocks that have brought us to our current position as the pre-eminent maritime archaeological organisation serving the south coast and beyond. Our remit is to research, inform and disseminate, and our independent status has allowed us to do that like no other.

The Maritime Archaeology Trust's knowledge of the submerged and intertidal maritime cultural heritage is forever growing, alongside our expertise to manage, visualise and protect it. Our HLF funded Forgotten Wrecks project exemplifies these priorities and is proving to be a benchmark for future initiatives. These skills have been drawn on to work further afield, across the UK and overseas. We have worked with government curators and academic institutions from many parts of the globe to share techniques and help build capacity. This is recognised in a number of recent international publications that highlight our work on submerged landscapes in the Solent. Areas where we have been particularly active over the last few years are Europe and the Middle East and in 2017 we have begun a project working with Qatar Museums to enhance their database of shipwrecks. Back in the region, our new role as managers of the Shipwreck Centre and Maritime Museum on the Isle of Wight has been a major development. The Trust is working with Martin Woodward to catalogue artefacts in the Museum with the aim of becoming accredited.

Alongside these positive developments there have been some sad losses for the Trust. Maldwin Drummond, our past Chairman and founder member who pushed the Trust forward with gusto and enthusiasm passed away in February. Then in August we received the tragic news that Kathryn Dagless died suddenly after a long illness, she had been a manager with the Trust for ten years and will be sorely missed. Any losses provide moments for reflection but we celebrate their contribution as we move forward and welcome a team of new and eminent patrons to the Trust. Historian and television presenter Dan Snow, celebrated engineer and philanthropist Edward Fort OBE and heritage champion Aldred Drummond. All three have begun their affiliation with the Trust by getting actively involved giving time, resources and funding. Their contributions will help further our work to discover and share our maritime cultural heritage before it is lost. This support is particularly welcome as we are concerned about the BREXIT situation having an effect on our future funding as we have benefited greatly from grants through EU programmes in the past.

For the ongoing delivery of this great work I wish to record thanks to all the Patrons, Trustees, Management Committee and members of staff for their vital work on research, income generation and dissemination. I would like to thank the Heritage Lottery Fund, Historic England, Hampshire County Council, the National Oceanography Centre, Southampton City Council, the Isle of Wight Council and the University of York, along with those other authorities, companies, organisations, Trusts and individuals who are listed in this report for their sponsorship and support over the past twelve months.

Michael J Woodhall FRICS

## President

Major-General Martin S. White, CB, CBE, JP, HM Lord-Lieutenant of the Isle of Wight

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Mr M. Drummond, OBE, DL, Hon DSc, FSA (Until February 2017)

Nigel Atkinson Esq, HM Lord Lieutenant of Hampshire

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## Maritime Archaeology Trust Officers

Garry Momber, BA (Hons), MSc, MCIfA, FSUT. Director; Julie Satchell, BA (Hons), MA, MCIfA. Head of Research



# Museums and Archives

Vital Resources for Accessing & Interpreting the Past



Association of  
Independent  
Museums

Keep up to date with activities and events at the Shipwreck Centre:

[www.museum.maritimearchaeologytrust.org](http://www.museum.maritimearchaeologytrust.org)

Facebook: [IOWShipwreckCentre](https://www.facebook.com/IOWShipwreckCentre)

This year has seen an exceptional collaboration between the Maritime Archaeology Trust and Martin Woodward as we have taken over the management of his incredible collection at the Shipwreck Centre and Maritime Museum at Arreton Barns on the Isle of Wight. The fascinating assemblage of shipwreck artefacts, models, paintings and curiosities has been developed by Martin over many decades.

The new venture was launched by broadcaster, historian and MAT patron Dan Snow in April 2017. This season we have welcomed thousands of visitors and offered a range of events including children's activities, experiencing shipwrecks with virtual reality, digital scanning of artefacts and 3D printing of the results. Plans to increase state-of-the-art technologies that can bring the underwater world to the public are being put in place at every opportunity.

As part of our work towards obtaining museum status for the Centre, we have begun cataloging the collection with the invaluable help of volunteers on the Island and in our Southampton office.

Future developments at the centre will include:

- Increasing facilities for educational visits
- Themed trails linked to national curriculum subjects
- Prehistoric displays including a dugout canoe and coracle
- Interpretation panels linked to digital models and information

## 25 years: Highlights

Maritime archives are publicly or privately held collections of objects and documentation relating to underwater archaeological sites. They can be created through large survey and excavation projects, or a diver recovering wreck material. These valuable collections have the potential to provide important information to develop understanding for academic and public audiences. Working with archives from past investigations - ensuring their full potential is realised - has been an important strand of the MAT's work, for example by:

- **Cataloguing archives to improve accessibility** – MAT has worked with volunteer dive groups to help create databases and catalogues of extensive archives relating to historic wreck sites, including Warship *Hazardous* sunk in 1706 off West Sussex and the *Stirling Castle* wrecked in the Great Storm of 1703 on the Goodwin Sands off Kent.
- **Creating digital archives from paper-based private investigations** – MAT digitised the archive collection from the *Invincible* wreck excavations undertaken in the 1980s. This fantastic online resource allows anyone to find out more about ship structure, seabed material and artefacts: [www.maritimearchaeologytrust.org/mapguide/maps/invincible/main.php](http://www.maritimearchaeologytrust.org/mapguide/maps/invincible/main.php)
- **Understanding the scale of archives** – for over a decade, MAT has been researching the scale, nature and accessibility of maritime archives across England and Scotland. This has informed an in-depth study of levels of dissemination of archives in England, resulting in a monograph that has helped highlight the urgent need for further work.

With maritime archives and objects held across a range of public museums, private exhibitions and personal collections, much work remains to make this material accessible to researchers and the public as a whole. Our 3D models, freely available online, are beginning to demonstrate the potential for digital accessibility.



# Sharing the Excitement of Discovery

*‘Maritime Archaeology is an exciting subject that can enthuse and motivate people of all ages, abilities and nationalities.’*

In the UK more than 300,000 people have now visited venues exhibiting our HLF Forgotten Wrecks of the First World War touring exhibition. Enabling people all along the south coast to view artefacts and learn about the south coast’s First World War wrecks, this year’s venues have included the Shipwreck Museum, Hastings, Rochester Guildhall, Margate Museum, Torquay Zoo, Portsmouth History Centre, Dover Museum, Totnes Guildhall, Cornwall at War Museum, Look & Sea, Sussex, Seawork 2017, Harbour Lights Cinema, Southampton and the Shipwreck Centre and Maritime Museum on the Isle of Wight.

MAT’s staff have engaged with the public at large and small events using the Discovery Bus, and by presenting at regional and national institutions. We have continued to attract, fascinate and inform an eclectic assortment of audiences across the globe. A selection of the year’s events include:

- IKUWA conference, Fremantle, Australia
- Qatar University presentation
- University of Cyprus
- Thalassa Museum, Cyprus
- European Scientific Divers Conference, Madeira
- Institute of the Consejo Superior de Investigaciones Cientificas
- Interreg Conference, St Malo, France
- Festival of Archaeology, Salisbury Museum
- Dive 2016 NEC Birmingham
- Explosion Museum, Gosport
- Poole Maritime Festival
- HMS Collingwood Open Day
- Plymouth Armed Forces Day
- Paddle Round the Pier, Brighton
- Young Carers’ Festival





## 25 years: Highlights

Since its origins, the Maritime Archaeology Trust has recognised and addressed the importance of overcoming barriers to access by taking resources and hands-on activities out to communities, schools, groups and individuals.

We constantly strive to reach diverse audiences by creating new, innovative activities, resources and tools and through an extensive range of projects working with partners and under-represented groups. Here are some of the highlights from the past 25 years:

**Discovery Bus** - designing and building this unique facility for taking our digital and physical resources and activities into the heart of communities. The Discovery Bus has been informing and delighting audiences along the south coast as well as France, Belgium, the Netherlands, Spain, and Cyprus.

**Southampton Maritime Festivals** - held in 2013 and 2014 at Ocean Terminal were managed by MAT. More than 18,000 people enjoyed access to historic boats, classic cars and local heritage organisations while enjoying informative lectures and popular entertainment in an area of the docks normally out of bounds to the public.

**Pop-up outreach** - our versatile team can also be found engaging and informing from our Event Tent and table-top displays, often using boxes of fascinating marine artefacts.

**On-the-job outreach** - we take every opportunity to raise the profile of our maritime heritage and engage diverse audiences. From recording on muddy foreshores and coastal sites, to surveying with a drone and even explaining a wreck site to passing paddleboarders, while carrying out a snorkel survey!

**Underwater Dive Trails** - the Trust has been at the forefront of developing access and understanding of underwater sites through dive trails. A pilot underwater trail was laid off the Needles on the Isle of Wight before MAT worked with the local Warship Hazardous group to establish the first formal dive trail on a protected wreck site in England, in addition to designing, installing and testing the Alum Bay dive trail and its subsequent evaluation.

Our work on education, training and awareness raising for maritime cultural heritage has been recognised through a Europa Nostra Award in 2011 and a Society for Historical Archaeology award for Excellence in Public Historical Archaeology in 2013.



*Images, top to bottom: getting hands-on with Sea Scouts, the Discovery Bus in Cyprus, flint-knapping demonstration, pop-up display, underwater dive trails, engaging with maritime heritage through art.*



# Providing Access through Digital Technologies

Background: Virtual Reality model of the John Mitchell  
Right, top to bottom: drawing the Langstone Logboat; geophysical survey for the Arch-Manche project; structured light scanning of artefacts; exploring wrecks with the Virtual Reality headset; printing in 3D; Sea Scouts try out a 3D model of a site.



Visualisation of inaccessible artefacts or whole shipwrecks has been a great challenge for Maritime Archaeologists – until now.

The Trust's collection of 3D digital models of sites and artefacts has grown significantly this year. We continue to experiment with different media, platforms and their application to increase access to this overlooked aspect of our heritage.

2017 saw the launch of the HMT Arfon centenary virtual dive. Following the wreck's discovery and subsequent designation as a Protected Wreck in 2016, MAT has created a new way to view, explore and learn about the wreck in 3D for anybody with an internet connection. Embedded video clips and audio interpretation help explain what remains on the seabed today, as well as the story of the vessel's loss. Experience recording UK wrecks was then drawn on to record a series of barges in the clear waters of the Arabian Gulf for Qatar Museums. In these conditions, a whole wreck could be recorded in a single dive.

Working with a gaming-technology specialist we have developed our digital model of HMD John Mitchell to improve the wreck dive Virtual Reality experience. Now truly immersive, the user wears a headset, similar to a diving mask and headphones that replicate the sounds a diver hears under water. You can 'swim' over and around the wreck, stopping to explore features or interpretation panels containing photos, explanations and historical video.

These technologies enable the presentation and interpretation of underwater and coastal sites, as well as artefacts in private collections or storage. They are a game-changer in terms of providing public 'virtual' access to hidden and hard-to-reach heritage.

From the early days of pencil-drawn site illustrations to today's scanning, photogrammetry and interactive 3D models, the Trust has been at the forefront of recording and using technology for presentation and interpretation.





# Learning Inside and Outside the Classroom

This year our dynamic education team has been working with schools in Hampshire, Sussex, Cambridgeshire and the Isle of Wight.

In the words of the teachers:

*“An excellent session that was well planned to the needs of my class”*

(Teacher from Isle of Wight school about in-school workshop)

*“Staff really engaged the young people we brought along, all of whom have special educational needs. They were patient with our pupils and showed real enthusiasm about the project which sparked the interest of our pupils. All in all a great experience which we would recommend and we would like to return in the future if feasible”*

(Teacher from Hampshire school about Shieldhall session)

*“Keep doing what you do!”*

(Teachers from Sussex school about in-school workshop)

Learning outside the classroom has included sessions on board the historic steamship *Shieldhall*, where pupils have had the chance to handle and examine artefacts from wrecks before seeing the same objects in situ on a working ship.

The interactive and tactile nature of the sessions was particularly appreciated by pupils with special educational needs and subjects included the First World War, maritime trade, historical seafaring, diving and prehistoric technologies.



Images, top to bottom: having a go at the mini-excavation; object handling with Great Oaks SEN school aboard the SS *Shieldhall*; exploring Cypriot maritime archaeology aboard the *Discovery Bus*; surveying First World War remains at Hamble Point with Great Oaks School; trying on the dive kit. Background, right: St. Mark's School walking the Southampton Walls



## 25 years: Highlights

Since its origins, the Trust has worked with schools, supporting teachers with resources and training and facilitating sessions within, alongside and outside schools. The Trust is a proud member of the Council for Learning Outside the Classroom (CLOtC).

Our achievements include:

- Creating Handling Collections comprising real and replica artefacts, teachers' notes and supporting powerpoints for use by schools and groups.
- Running Teachers' Continual Professional Development (CPD) workshops - providing teachers with resources and ideas for incorporating maritime archaeology into their teaching.
- Creating Teaching Packs & Kits - comprising digital and physical resources to support teachers covering maritime heritage topics (including *Titanic*, underwater excavation, life on wrecks etc.).
- Delivering in-school Discovery Bus sessions - providing a new and interactive learning space and activities, without having to leave the school grounds.
- Delivering after-school and Lunchtime Clubs - incorporating subjects such as archaeological methods, techniques & equipment and shipwreck research.
- Creating digital resources - including the interactive multi-lingual Mystery Wreck virtual dive, entertaining video animations and digital 3D models with interpretation that can be explored online or using our Virtual Reality system.
- Developing education resources for schools to explore alongside permanent exhibits, notably at Sunken Secrets exhibition at Fort Victoria and soon to be at the Shipwreck Centre and Maritime Museum, Arreton.





# Engaging, Inspiring and Informing

## Youth Audiences: Heritage Professionals and Custodians of the Future

Our work with youth groups has been particularly varied this year, we have been on beaches, in historic forts, on playgrounds, sport fields, windy clifftops, gun emplacements and former parade grounds. Youngsters have included Scouts, Guides, Young Archaeologists, Young Carers and interested individuals.

Activity has been similarly varied, with themes from prehistory to modern conflict, and has included drone flying, photogrammetry, 3D scanning and printing, exploring wrecks using Virtual Reality, working wood with stone tools, soap carving and spear throwing!





## 25 years: Highlights

The Trust has a strong tradition of working with youth groups, some highlights include:

**Young Archaeologists Dive In!** Supporting a group of young people through a challenging programme of learning to dive, learning archaeological theory and techniques, then putting it all into practice under water and on the foreshore.

**Animating the past** - working with film-creating partners and youth groups to tell stories behind our maritime heritage through stop-motion animation.

**Science in action** - exploring the environment, technologies and equipment associated with our maritime heritage, including building mini-ROVs, using and learning about mini-airlifts and hands-on workshops on research vessels.

**Prehistoric and historic maritime technologies** - including woodland walks with 'Dads and Lads' to identify trees suitable for ships' timbers, making string from nettles and hollowing out a logboat using prehistoric tools.

**Archaeologist for a Day sessions** - including fieldwalking on the foreshore with Cub Scouts, surveying intertidal hulks, drone surveys, measured surveys, site sketches and photography.

**Overcoming barriers to access** - including working with single Mums, rehabilitating young offenders and cross-generational oral history projects.

**An international demand** - Trust projects in several European countries and the Middle East have built capacity within curatorial departments linked to the sea, enabling sites to be recorded for the first time, while visits to foreign schools have motivated children, teachers and heritage professionals alike.





Over the last 25 years, the Maritime Archaeology Trust has achieved an enormous amount. Here are some of the highlights.

**1991**

HWTMA founded

**1992**

Needles Protected Wreck site - topographical survey

**1993**

Beaulieu River Project

**1996**

Refurbishment of Sunken Secrets exhibition at Fort Victoria

**1997**

Itchen River Project

**1998**

Worked flints at Bouldnor Cliff

**2000**

First dive trail on a protected wreck in England

**2002**

Langstone Logboat excavation

**2006**

Forton Lake Project

**2007**

Young Roots Project



The Needles



Beaulieu River



Itchen River



Bouldnor Cliff



Langstone Logboat



Forton Lake





Discovery Bus

**2010**

Discovery Bus launched



Qatar

**2011**

MAT dive team in Qatar

**2012**

Hampshire & Wight Trust for Maritime Archaeology changes to use its alternative name of Maritime Archaeology Trust



Ocean

**2013**

Arch-Manche Project

**2014**

Hulk *Ocean* surveyed after uncovered by storms



Outreach in Spain

**2015**

Common Cultural Connections project

**2016**

Shipwrecks: 3D models and virtual reality



Forgotten Wrecks

**2014-2018**

Forgotten Wrecks of the First World War project

**2017**

The Discovery Bus goes to Cyprus



Shipwreck Centre

**2017**

MAT takes over management of the Shipwreck Centre



# Drowned Prehistoric Landscapes

## Unique Opportunities for Research and Learning

Bouldnor Cliff is the only submerged Mesolithic landscape site with occupation evidence currently known in the UK.

It was occupied at a time when Great Britain was still joined to Europe by land. Now it is drowned, the wet, anaerobic environment has preserved unique artefacts that can increase the UK's Mesolithic archive, allowing research questions on prehistoric lifestyle and subsistence to be addressed.

Highlights over the past year have included:

- Discovery of the first complete large tool - a tranchet adze
- Monitoring of the site to record submarine cliff collapses and recover any 'at risk' artefacts exposed through continual erosion
- Rescue of 123 burnt and worked flints
- Launch of a 3D model of part of the underwater cliff where the tranchet adze was discovered, see webpage for links: [www.maritimearchaeologytrust.org/bouldnor](http://www.maritimearchaeologytrust.org/bouldnor)





## 25 years: Highlights

The MAT is at the forefront of extending understanding of the archaeological potential on the drowned continental shelf. It has developed techniques required to investigate submerged prehistoric landscapes in a rapidly developing area of marine archaeology. Highlights include:

20 years of investigating, recording and analysing the 8,000 year old submerged Mesolithic site at Bouldnor Cliff. Developing bespoke sampling techniques, methods for monitoring erosion and change and the application of scientific analysis of the artefacts and ecofacts recovered. Discoveries include the oldest prepared string in the UK, more than 50 pieces of worked Mesolithic timber, the first SedaDNA evidence of wheat in the UK and probably the oldest boat-building site in the world. Outputs include publications, articles, TV and radio programmes.

MAT experience gained in the Solent to work with researchers in Gibraltar, off Saudi Arabia's Red Sea coast and in the Arabian Gulf off Qatar to help develop investigations of submerged prehistory. The work aims to enhance understanding of human dispersal around the globe from the earliest times. This experience earned the Trust a place in the international network 'Submerged Prehistoric Landscape of the Continental Shelf' (SPLASHCOS).

Projects have provided opportunities for volunteers and early-career archaeologists to develop their recording skills on prehistoric sites under water.

MAT uses scientific data from submerged prehistoric sites to develop educational resources for schools and family activities which introduce this hard-to-access subject and demonstrate links to climate change adaptation that is relevant today.

*Images, top to bottom: Recording Bouldnor Cliff, image courtesy of Mike Pitts; flint adze from Bouldnor Cliff; Bouldnor Cliff flints, image courtesy of Roland Brooks; collecting sediment samples from Bouldnor Cliff; recording worked wood from Bouldnor Cliff.*





# Shipwrecks

## Portholes into our Maritime Past

Volunteers and Trust archaeologists have concluded yet another successful season examining wreck sites.

Through digital photography, video and measured survey, data has been gathered to confirm identities and add to the stories of these fascinating maritime losses. Wrecks investigated include:

### **Solent and waters of the Wight**

South Western

Hazelwood

Camberwell

Leon

Kurland

Mendi

U-90

### **East Sussex**

Western Coast

Dagon

Alaunia

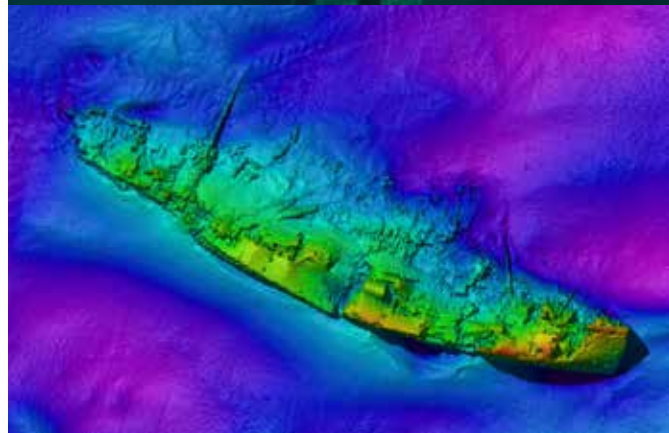
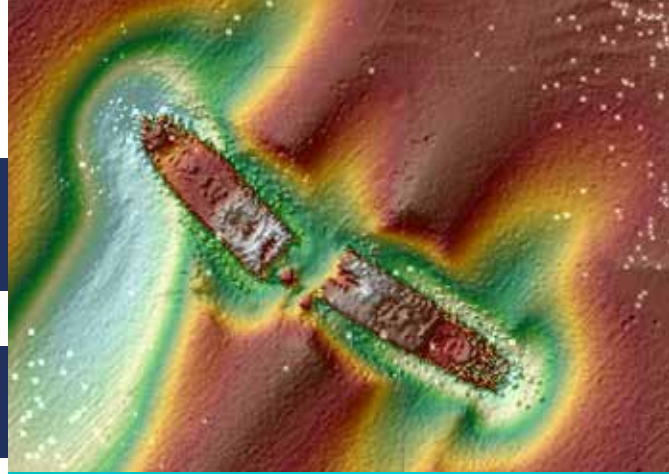
### **Dorset - Arfon**

**Qatar/Arabian Gulf** - 3 barges, 1 pontoon, 1 dhow

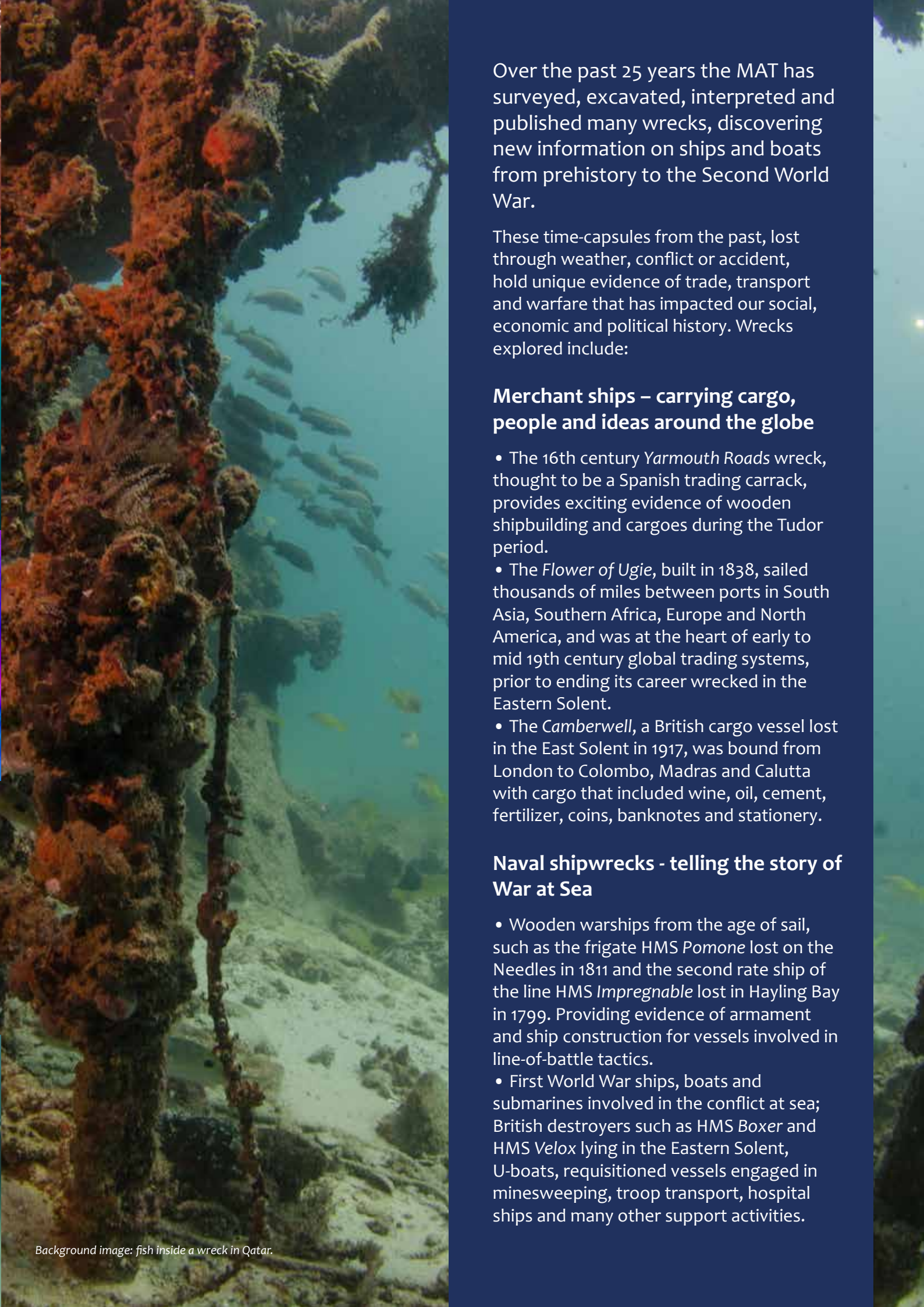
### **Mediera - Pronto**

Forgotten Wrecks of the First World War have also been investigated through analysis of high-resolution geophysical surveys using data gathered by companies and government agencies. This can help with:

- Dive planning by providing an overview of sites to enable targeted recording by divers in the water.
- Investigations, e.g. whether the sites of the *Greatham* and *Elsa* off the south Devon coast have been correctly identified.





An underwater photograph of a shipwreck in Qatar. The image shows a large, rusted metal structure, likely part of a ship's hull or a large pipe, covered in orange and brown corrosion. A school of fish is swimming in the clear blue water to the right of the structure. The seabed is visible at the bottom, showing some rocks and sand.

Over the past 25 years the MAT has surveyed, excavated, interpreted and published many wrecks, discovering new information on ships and boats from prehistory to the Second World War.

These time-capsules from the past, lost through weather, conflict or accident, hold unique evidence of trade, transport and warfare that has impacted our social, economic and political history. Wrecks explored include:

### **Merchant ships – carrying cargo, people and ideas around the globe**

- The 16th century *Yarmouth Roads* wreck, thought to be a Spanish trading carrack, provides exciting evidence of wooden shipbuilding and cargoes during the Tudor period.
- The *Flower of Ugie*, built in 1838, sailed thousands of miles between ports in South Asia, Southern Africa, Europe and North America, and was at the heart of early to mid 19th century global trading systems, prior to ending its career wrecked in the Eastern Solent.
- The *Camberwell*, a British cargo vessel lost in the East Solent in 1917, was bound from London to Colombo, Madras and Calutta with cargo that included wine, oil, cement, fertilizer, coins, banknotes and stationery.

### **Naval shipwrecks - telling the story of War at Sea**

- Wooden warships from the age of sail, such as the frigate HMS *Pomone* lost on the Needles in 1811 and the second rate ship of the line HMS *Impregnable* lost in Hayling Bay in 1799. Providing evidence of armament and ship construction for vessels involved in line-of-battle tactics.
- First World War ships, boats and submarines involved in the conflict at sea; British destroyers such as HMS *Boxer* and HMS *Velox* lying in the Eastern Solent, U-boats, requisitioned vessels engaged in minesweeping, troop transport, hospital ships and many other support activities.



# Our Dynamic Coastal Heritage

## Recording in an Ever-Changing Environment

The wealth of archaeology surviving in the intertidal and coastal zone is phenomenal. Traces of our past include wrecks, hulks, hards, jetties, docks, forts, breakwaters, defences, remains from saltmaking, brickmaking and shellfish industries, maritime training sites, prehistoric landscapes and structures once on land. These are now appearing and becoming exposed due to coastal erosion or the wet-dry cycle of the estuary edge.

This environment provides exciting opportunities as well as logistical challenges. 2017 has seen a wealth of sites investigated including:

- A prehistoric trackway off Calshot
- Hulked vessels from trading ships to an early seaplane lighter
- Ports and harbours
- Portland breakwater fort
- Seaplane bases
- Coastal wireless stations





Background image: Erosion at Hallsands village, Devon

Over the past 25 years MAT has mapped sites in the intertidal zone of rivers, estuaries and harbours to help develop heritage databases, recorded sites of international importance and used evidence from this work to contribute to important research themes.

### **Rescue from loss**

The coast is a dynamic environment where storms and erosion threaten sites which become exposed. The MAT is on-hand to record and rescue sites at risk. A 6th century AD logboat was excavated from Langstone Harbour and following conservation is on display in Portsmouth City Museum.

### **Techniques for rapid recording are changing almost as fast as the coastline**

Drone surveys, aerial cameras and photogrammetry add a further dimension to 'traditional' but essential scale drawings completed by hand. With limited time on sites, which are only exposed at low-water or where shifting sands only uncover them briefly, rapid recording is essential.

### **Using eroding evidence to map change over time**

The use of sites such as hulks, buildings and prehistoric peat deposits as indicators for coastal change has revealed information on the scale and pace of erosion. This work links with wider coastal management issues and has resonance across western European countries, many of which face similar challenges. The Arch-Manche project ([www.archmanche.maritimearchaeologytrust.org](http://www.archmanche.maritimearchaeologytrust.org)), worked with French, Belgian and Dutch partners to use archaeological, historical and artistic evidence to inform on long-term coastal change.

### **A seamless approach**

The intertidal foreshore marks a transition between land and sea, but to the Trust it is a bridge seamlessly linking maritime and terrestrial heritage.



# Common Culture - International Partnerships

This year saw the reach of the Maritime Archaeology Trust extend far beyond the UK awareness-raising and sharing our knowledge of the submerged cultural heritage.

Working with Cypriot partners and the Honor Frost Foundation the Discovery Bus was shipped to Cyprus for a six-week tour during which it visited a large number of schools, events and public spaces. The bespoke displays were mixed with our tried and tested activities, receiving more than 5,000 visitors to the bus and reaching thousands more through promotional materials, articles and social media. Posters and banners were left on Cyprus for future use.

Working with the University of York, Qatar Museums and Qatar University we have surveyed and recorded wreck sites in the Qatari waters of the Arabian Gulf. The work enhanced marine records in the Qatar Cultural Heritage Information Management System and introduced new technology, making 3D digitised images available online for the first time.

ForSeaDiscovery research project continued collaboration with colleagues from Spain, France, Portugal, Germany, The Netherlands, America, Denmark and Wales to investigate the story of timber trade and shipbuilding during the Iberian Age of Discovery. Scientific analysis of samples from the Yarmouth Roads Protected Wreck site is underway, it is hoped the results will help confirm the origin and identity of the vessel.





## 25 years: Highlights

Maritime cultural heritage has to be considered in a global context. The ships wrecked on our shores, sailed the globe, linking communities around the world. If you go further back in time, when sea-levels were lower, Britain was part of mainland Europe. Present-day national boundaries have little relevance to the landscapes of our ancestors which became inundated when sea-levels rose.

These global connections require joined-up working with international partners, some highlights have included:

- Coastal Change, Climate and instability: researching alongside French, Italian and Irish colleagues to investigate submerged landscapes to calculate the scale and pace of sea level change over the last 8,000 years.
- Archaeological Atlas of the 2 Seas: working with French and Belgian colleagues to create a cross-border approach to shipwreck investigation, data and a tri-lingual schools programme.
- SPLASHCOS: working together with 120 European curators and researchers from 70 different organisations to research and publish on the submerged lands of the Continental Shelf.
- Arch-Manche: analysing art and archaeology to build patterns of coastal change around the Channel and southern North Sea with French, Dutch and Belgian partners.
- Common Cultural Connections: exploring prehistoric archaeology relevant to partners in France and Spain through an education and outreach programme targeting a wide range of audiences.
- Working with colleagues in Egypt, Saudi Arabia and Qatar to help develop maritime archaeology programmes and build local capacity.

The MAT is proud to be accredited to the Governing Bodies of the 2001 UNESCO Convention on the Protection of the Underwater Cultural Heritage.





# Spreading the Word

## Publications, Booklets and New Media for Promotion

Our most recent printed publications include an academic monograph and popular booklets:

### **Analysing Maritime Archaeological Archives**

Summarising the Trust's vital work in exploring the nature of maritime archaeological archives and the challenges and opportunities they present, this is the third in the Trust's monograph series published as part of the British Archaeological Reports series.

### **Volunteering Matters: Commemorating the Forgotten Wrecks of the First World War**

While outlining the various strands of diverse activity and how they fit together, 'Volunteering Matters' celebrates the phenomenal work that scores of volunteers have been undertaking all over the country for our Heritage Lottery funded Forgotten Wrecks project.

### **Great War Shipwrecks of the Channel Crossing**

Highlights some of the incredible stories behind the First World War wrecks in the vicinity of the Channel crossing. Thousands of copies of this booklet have been distributed via the national First World War Centenary Battlefield Tours programme and DFDS Seaways cross-channel ferries.

### **The MAT online and Social Media**

Our websites, Facebook, Twitter & Instagram enable us to reach thousands of people each week, with images, video, audio guides and podcasts, plus information about sites, projects and the work of the Trust. Find out more at:

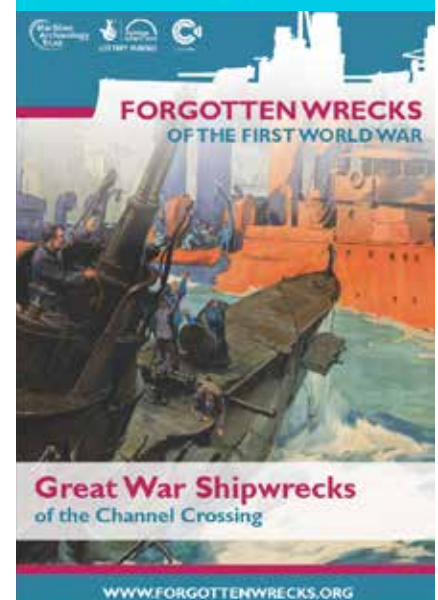
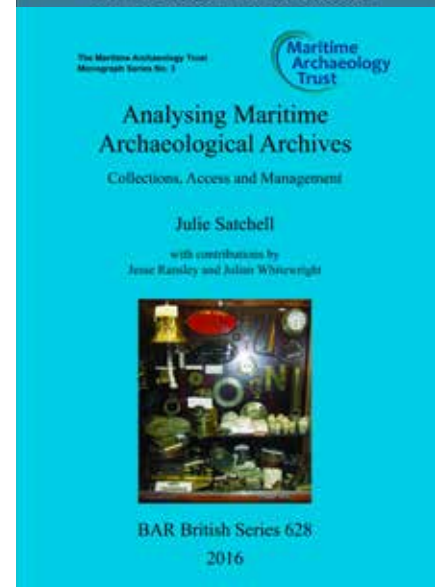
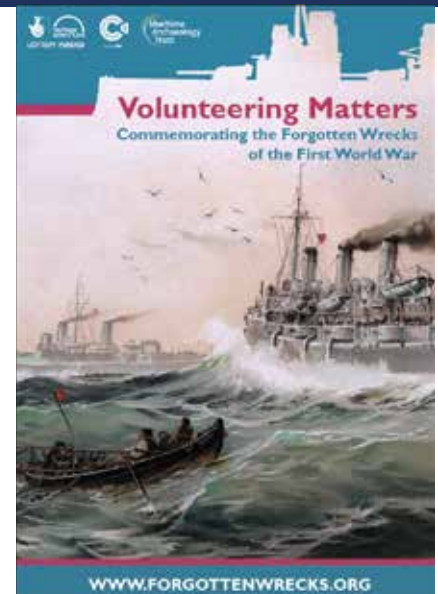
 [www.maritimearchaeologytrust.org](http://www.maritimearchaeologytrust.org)

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## 25 years: Highlights

Popular and academic Trust publications include a monograph series published by British Archaeological Reports (BAR):

### Academic and Archaeological Reports

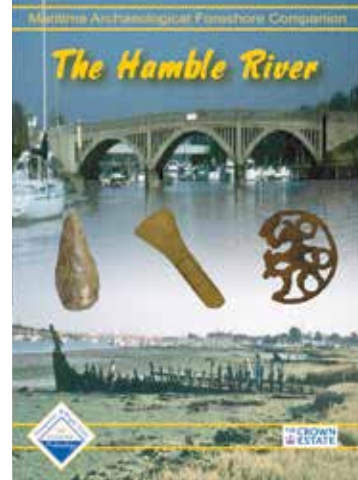
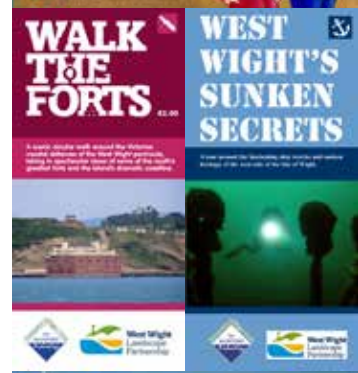
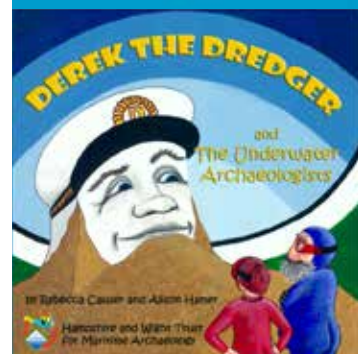
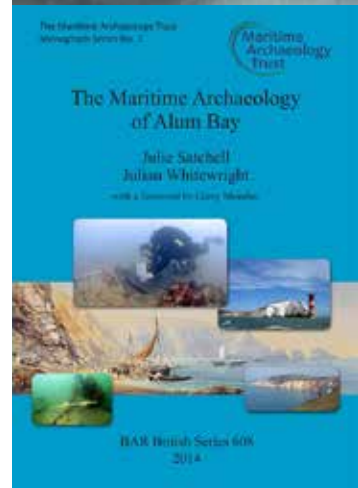
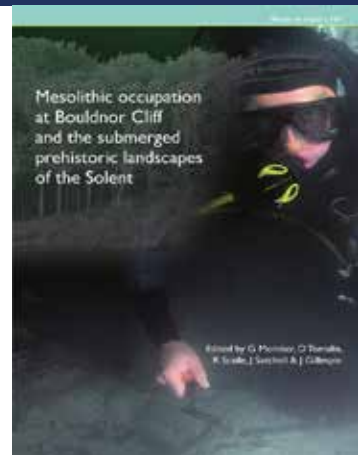
- The Archaeology and History of the *Flower of Ugie* Wrecked 1852 in The Eastern Solent (Monograph Series No.1)
- The Maritime Archaeology of Alum Bay (Monograph Series No. 2)
- Mesolithic Occupation at Bouldnor Cliff and the Submerged Prehistoric Landscapes of the Solent (Council for British Archaeology Research Report)
- The Hulks of Forton Lake, Gosport (Published in NAS Monograph Series)
- Scores of articles for journals and edited volumes focusing on a wide range of sites, periods, methods, themes and research
- Hundreds of project and grey literature reports - 28 of these Archaeological Reports available at:  
[www.maritimearchaeologytrust.org/archaeologicalreports](http://www.maritimearchaeologytrust.org/archaeologicalreports)

### Younger Years Stories and Activities

- Derek the Dredger and the Underwater Archaeologists
- Derek the Dredger II: Derek's Fishy Adventure
- Dive into History, Dig into Dredging
- Hamble River Activity Book
- Identifying a Mystery Shipwreck

### Publications for All

- The Story Beneath the Solent: Discovering Underwater Archaeology
- Forton Lake Archaeology Project: Forton's Forgotten Fleet
- Warship *Hazardous*: Investigating a Protected Wreck
- A Decade of Diving, Delving and Disseminating: the HWTMA 1991-2001
- West Wight's Sunken Secrets: A tour around some of the fascinating shipwrecks and underwater sites of the west side of the Isle of Wight
- Walk the Forts: A scenic circular walk around the Victorian coastal defences of the West Wight peninsula, taking in spectacular views of some of the south's greatest forts and the Island's dramatic coastline
- A Short History of Fort Victoria
- The Hamble River Foreshore Companion





Images, top to bottom:  
Ancient woodworking workshop at Exbury Gardens; coracle-building workshop; logboat production demonstration at Butser Ancient Farm

# Making Friends - Now and Forever



The MAT is developing its Friends organisation. Friends can enjoy a range of special opportunities, activities and offers.

Support from Friends ranges from hands-on participation, in the office, or in the field, to those who prefer to observe from a distance, receiving updates via Newsletters and occasional events.

For the membership rate of just £12 per year, in 2017 Friends have enjoyed:

- Prehistoric wood-working technique workshops
- Logboat production demonstrations at Butser Ancient Farm
- Bespoke tours of the Shipwreck Centre and Maritime Museum, Isle of Wight
- Newsletters, updates and offers straight to their inbox

Projects delivered by Friends in the past include:

- Investigation of artefacts on the seabed at sites in Portsmouth Harbour where HMS Victory had been moored
- Gathering oral histories related to life at sea,
- Workshops to learn digital design and develop outreach posters
- Visits to maritime sites such as Chatham Historic Dockyard, National Maritime Museum and Cutty Sark

Find out more and download an application form from:

[www.maritimearchaeologytrust.org/friends](http://www.maritimearchaeologytrust.org/friends)

During the past year MAT has been very fortunate to have benefited from Legacy Giving pledges and In-Memory Gifts. These donations help us enormously with the scientific research that underpins our award-winning education and outreach programme.

Find out more about how your gift could make a difference at:

[www.maritimearchaeologytrust.org/legacy](http://www.maritimearchaeologytrust.org/legacy)







**National Oceanography Centre, Southampton**  
UNIVERSITY OF SOUTHAMPTON AND NATURAL ENVIRONMENT RESEARCH COUNCIL



Historic England



Co-funded by the Creative Europe Programme of the European Union

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Dave Wendes & Wight Spirit  
Andy Williams  
Norma Williams  
Martin Woodward

**Maritime Archaeology Trust Project Staff**

Jacqueline Arnold (from Feb 2017)  
Sally Bennetts  
Grant Bettinson (from Feb 2017)  
Amanda Bowens  
Kathryn Dagless (to Aug 2017)  
Stephen Fisher (to April 2017)  
Jan Gillespie  
Laura Johansson (from April 2017)  
Christin Heamagi  
Brandon Mason  
Jasmine Noble-Shelley  
Helen Wallbridge

**Shipwreck Centre Staff**

Janet Shaw  
Sue Ager  
Helen Morris

And of course a big thank you to all our volunteers, without whom we could not achieve what we do. Find out more about the work of volunteers and how you can become involved in our booklet 'Volunteering Matters': [www.forgottenwrecks.maritimearchaeologytrust.org/volunteering-matters](http://www.forgottenwrecks.maritimearchaeologytrust.org/volunteering-matters)





## Promoting interest, research and knowledge of maritime archaeology and heritage

Maritime archaeological discoveries offer new perspectives on human history and the marine environment from the earliest of times. For more than 25 years, the Maritime Archaeology Trust has provided rare opportunities for active involvement in archaeology under water, on the foreshore, along the coast and through research in archives, museums and from home. We remove barriers to access, raising the profile and understanding of our fascinating maritime heritage through education and outreach activities in schools, colleges, outdoor learning and public events, a museum on the Isle of Wight, touring exhibitions, our mobile Discovery Bus, publications, leaflets, and a whole host of online digital resources.

The Maritime Archaeology Trust Objectives are to:

**Investigate:** maritime, coastal and underwater archaeology

**Engage:** people, communities and schools through involvement, enjoyment and education

**Promote:** hard to reach and inaccessible maritime heritage

**Protect:** through supporting heritage management for current and future generations

### Maritime Archaeology Trust

Charity Registration Number: 900025

Company Limited by Guarantee

Registered in England - Number: 2394244

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Auditors: Hopper, Williams & Bell Ltd, Highland House, Mayflower Close, Chandlers Ford, Eastleigh (Until March 2017)  
Morris Crocker Ltd, Station House, 50 North Street, Havant (From April 2017)

