


Name

Mark James

Current Position

Director MSDS Marine Ltd

Education and Qualifications

2006 BSc Marine Archaeology, Bournemouth University

Professional Membership and Qualifications

- Scientific Diving Supervisory Committee (SDSC) accredited Diving Supervisor (2009)
- Commercially Endorsed Powerboat Skipper/Instructor
- Level 3 First Aid at Work
- Associate of the Chartered Institute for Archaeologists (ACIfA)
- STWC'95 Personal Survival Techniques
- BSAC - Theory/Assistant Instructor
- PADI – Rebreather/Extended Range Nitrox diver

Selected Career Summary

2012 – present: MSDS Marine Ltd, Director and Archaeologist

2011 – 2012: English Heritage Marine Planning, Maritime Archaeologist

2011: English Heritage Designation, Maritime Archaeologist

2009 – 2011: New Forest National Park Authority. Project Manager and Maritime Archaeologist for the Coastal Heritage Project

2008: Hampshire and Wight Trust for Maritime Archaeology, Project Officer

Key Expertise

Mark has over ten years of experience within the maritime archaeology sector both in the UK and abroad. Notable areas of expertise include geophysical and hydrographic data collection, processing and interpretation for archaeology and the management of archaeological projects. During his maritime archaeological career Mark has worked for the Hampshire and Wight Trust for Maritime Archaeology as a Project Officer, the New Forest National Park Authority as a Project Manager and English Heritage in both the Designation and Marine Planning departments.

Mark has always been heavily involved in the fieldwork aspect of maritime archaeology from hydrographic and geophysical survey to ROV

inspections of sites to the management of archaeological diving operations.

In 2012 Mark set up MSDS Marine Ltd to provide marine archaeological support to both the public and private sectors. The support offered includes diving, geophysical and hydrographic and project management. MSDS Marine Ltd have worked on a number of large scale projects including Round 3 Offshore Windfarms, the provision of diving contractor services for the Scotland, Wales and Northern Ireland Component of the Heritage Assets in Relation to Marine Designation contract and high profile shipwreck investigations including the *London* and the *Rooswijk*. MSDS Marine Ltd are a well-known and trusted coastal and marine archaeological contractor with clients including ADUS DeepOcean, APEM Ltd, Cotswold Archaeology, Cultural Heritage Agency of the Netherlands, DONG Energy, EGS International, EMU Ltd, Historic England, MarineSpace, Pascoe Archaeology Services, PMSS, Sea Change Ltd, Southampton University, Swathe Services, Trendarch and Wessex Archaeology.

Sector Specific Experience

Geophysical and Hydrographic Survey

Mark has managed, undertaken and acted as client representative on a large number of geophysical and hydrographic surveys, both in support of archaeological and specialist projects. A small sample of sites includes the *Rooswijk*, the *London*, the *Stirling Castle*, *Holland No.5* and *A1* submarines, the *Rena* and Bouldnor Cliff. Sensors have included Multibeam Echo Sounder, Sidescan Sonar, Magnetometer and Sub-Bottom Profilers.

Geophysical and Hydrographic Data Processing

Mark is experienced with a variety of different data sets, software and outputs. This can include the presentation of Multibeam Echo Sounder data in a format with a big visual impact suitable for the engagement of public audiences, to the processing and inspection of magnetometer and sidescan data to identify material of potential anthropogenic origin.

ROV Inspection and Monitoring

During the course of his career Mark has undertaken inspection works with ROV's. This has included as the operator, including during a

channel widening scheme alongside the historically significant wreck of the *Kennemerland*. As the archaeological client representative during ground truthing works on Beatrice Offshore Windfarm and as the desk based archaeologist reviewing data prior to construction works on Walney Extension Offshore Wind Farm.

Diving Services

MSDS Marine Ltd are a diving contractor registered with the HSE providing diving services to the scientific and archaeological sectors. Mark has been working in the diving industry for 15 years and is very experienced at running diving operations on archaeologically significant sites, recently this has included the *Rooswijk* on behalf of the Dutch Governments Cultural Heritage Agency and excavations on the *London* on behalf of Cotswold Archaeology/Historic England.

Offshore Windfarms

Mark has undertaken a large amount of archaeological work in support of Offshore Windfarms (OWF) including;

- preparation of method statements for geophysical interpretation and ROV works for Rampion and Walney Extension
- archaeological review of geophysical data for Hornsea, Navitus Bay, Rampion and Walney Extension
- ground truthing of geophysical anomalies for Beatrice
- archaeological review of ROV data for Walney Extension.

Non archaeological works include the geophysical assessment of cable free-span and jack-up locations on sites including Greater Gabbard.

Aggregate Extraction Licence Areas

Mark's archaeological experience in the marine aggregate extraction industry is extensive and wide ranging, from time spent as the regulator at English Heritage (now Historic England) providing advice to developers and the Marine Management Organisation, to the archaeological interpretation of geophysical data in support of licence applications and conditions.

Select Archaeological Fieldwork

2014 – Multibeam bathymetry survey of six wreck sites in North Wales

2014 – Diving excavation of the *London* wreck in the Thames Estuary

2014 – Diving investigation of three wreck sites in the Out Skerries, five wreck sites in North Wales, *Invincible* on Horsetail Sands and four wreck sites in the Sound of Mull, Scotland

2015 – Multibeam bathymetry survey of the *Baltic Ace* in the North Sea off Holland

2015 – Multibeam bathymetry survey of the *Rena* on Astrolabe Reef in New Zealand

2015 – Diving excavation of the *London* wreck in the Thames Estuary and *Invincible* on Horsetail Sands

2015 – ROV ground truthing of archaeological anomalies on Beatrice Windfarm in Scotland

2015 – Multibeam bathymetry survey of the *Stirling Castle* on the Goodwin Sands in Kent and seven wrecks including Normans Bay and *Holland No.5* out of Eastbourne

2015 – Sidescan sonar survey of wrecks in the Sound of Mull in Scotland

2016 – Multibeam bathymetry, sidescan sonar, sub-bottom profiler and magnetometer survey of the Brighton Marina wreck site in Brighton and the *Rooswijk* wreck site on the Goodwin Sands in Kent

2016 – Multibeam bathymetry, sidescan sonar and sub-bottom profiler survey of the *London* wreck in the Thames Estuary

2016 – Multibeam bathymetry, sidescan sonar, sub-bottom profiler and magnetometer survey of the *Rooswijk* wreck site on the Goodwin Sands in Kent

2016 – Diving investigations of, *Invincible* on Horsetail Sands, Thorness Bay in the Solent, the *London* in the Thames Estuary, Langdon Bay in Dover and the *Rooswijk* on the Goodwin Sands

Select Publications

- James, M.** (2014). An underwater World of Measurements, Positions, and Spatial Relationships. *xyHt*, Flatdog Media.
- James, M.** (2014). *Maritime Archaeology: Repositioning a Dutch East Indiaman*. *xyHt*, Flatdog Media.
- James, M.** (2009/10). The New Forest Maritime Archaeology Project. *Wessex News: Autumn 2009*. CBA Wessex Group.

Select Reports

- James, M.** (2016). *Walney Extension Offshore Windfarm. The archaeological review of ROV Data collected for the investigation of potential UXO*. MSDS Marine, Unpublished Report for DONG Energy.
- James, M.** (2016). *Holland No.5 Designated Wreck Site – Multibeam Bathymetry Survey*. MSDS Marine, Unpublished report for the Nautical Archaeology Society.
- James, M.** (2016). *Archaeological Interpretation of Geophysical Data – Aggregate Extraction Area 511-512-513*. MSDS Marine, Unpublished report for MarineSpace Ltd.
- James, M.** (2016). *Walney Extension Offshore Windfarm. Method Statement: The archaeological review of ROV Data collected for the investigation of potential UXO*. MSDS Marine, Unpublished Method Statement for DONG Energy.
- James, M.** (2016). *Norman’s Bay Designated Wreck Site – Multibeam Bathymetry Survey*. MSDS Marine, Unpublished report for the Nautical Archaeology Society.
- James, M.** (2016). *Walney Extension Offshore Windfarm. Archaeological Interpretation of Geophysical and Hydrographic Data*. MSDS Marine, Unpublished Report for DONG Energy.
- James, M.** (2016). *Brighton Marina Protected Wreck – Geophysical and Hydrographic Survey*. MSDS Marine, Unpublished report for Cotswold Archaeology.
- James, M.** (2016). *Archaeological Interpretation of Geophysical Data – Aggregate Extraction Area 296-494*. MSDS Marine, Unpublished report for MarineSpace Ltd.
- James, M.** (2016). *Walney Extension Offshore Windfarm. Methodology for the Archaeological Review of and Interpretation of Geophysical and Hydrographic Data*. MSDS Marine, Unpublished Method Statement for DONG Energy.
- James, M.** (2016). *Archaeological Interpretation of Geophysical Data – Aggregate Extraction Area 480*. MSDS Marine, Unpublished report for MarineSpace Ltd.
- James, M.** (2016). *Archaeological Interpretation of Geophysical Data – Aggregate Extraction Area 392-393*. MSDS Marine, Unpublished report for MarineSpace Ltd.
- James, M.** (2016). *Rampion Geophysical Survey 2015 – Archaeological Interpretation of Geophysical Data*. MSDS Marine, Multiple reports, unpublished reports for EGS International Ltd.
- James, M.** (2016). *Archaeological Interpretation of Sidescan Sonar Data – Aggregate Extraction Area 503*. MSDS Marine, Unpublished report for MarineSpace Ltd.
- James, M.** (2015). *Archaeological Interpretation of Sidescan Sonar Data – Aggregate Extraction Area 461*. MSDS Marine, Unpublished report for MarineSpace Ltd.
- James, M.** (2015). *Rampion Geophysical Survey 2015 – Archaeological Interpretation of Geophysical Data Sector 6*. MSDS Marine, Unpublished report for EGS International Ltd.
- James, M.** (2015). *Rampion Geophysical Survey 2015 – Archaeological Interpretation of Geophysical Data Sector 6 Offshore*. MSDS Marine, Unpublished report for EGS International Ltd.
- James, M.** (2015). *Archaeological Interpretation of Geophysical Data – Aggregate Extraction*

Area 212. MSDS Marine, Unpublished report for MarineSpace Ltd.

James, M. (2015). *Archaeological Interpretation of Sidescan Sonar Data – Aggregate Extraction Area 197/493.* MSDS Marine, Unpublished report for MarineSpace Ltd.

James, M. (2015). *Rampion Geophysical Survey 2015 – Archaeological Interpretation of Geophysical Data Sector 4 and 5.* MSDS Marine, Unpublished report for EGS International Ltd.

James, M. (2015). *Archaeological Interpretation of Sidescan Sonar Data – Aggregate Extraction Area 435/396.* MSDS Marine, Unpublished report for MarineSpace Ltd.

James, M. (2015). *Rampion Geophysical Survey 2015 – Archaeological Interpretation of Geophysical Data Sector 2.* MSDS Marine, Unpublished report for EGS International Ltd.

James, M. (2015). *Archaeological Interpretation of Sidescan Sonar Data – Aggregate Extraction Area 460.* MSDS Marine, Unpublished report for MarineSpace Ltd.

James, M. (2015). *Archaeological Interpretation of Sidescan Sonar Data – Aggregate Extraction Area 106/400.* MSDS Marine, Unpublished report for MarineSpace Ltd.

James, M. (2015). *Beatrice Offshore Windfarm and Export Cable Route: Archaeological Ground Truthing of Geophysical Anomalies.* MSDS Marine, Unpublished report for APEM Ltd.

James, M. (2015). *Archaeological Interpretation of Sidescan Sonar Data – Aggregate Extraction Area 514.* MSDS Marine, Unpublished report for MarineSpace Ltd.

James, M. (2015). *Rampion Geophysical Survey 2015 – Archaeological Interpretation of Geophysical Data Sector 1.* MSDS Marine, Unpublished report for EGS International Ltd.

James, M. (2015). *Archaeological Interpretation of Backscatter Data – Aggregate Extraction*

Area 476. MSDS Marine, Unpublished report for MarineSpace Ltd.

James, M. (2014). *Archaeological Interpretation of Geophysical Data – Aggregate Extraction Area 212.* MSDS Marine, Unpublished report for MarineSpace Ltd.

James, M. (2014). *Archaeological Interpretation of Geophysical Data – Aggregate Extraction Area 240.* MSDS Marine, Unpublished report for MarineSpace Ltd.

James, M. (2014). *Archaeological Interpretation of Geophysical Data – Aggregate Extraction Area 242/361.* MSDS Marine, Unpublished report for MarineSpace Ltd.

James, M. (2014). *Archaeological Interpretation of Geophysical Data – Aggregate Extraction Area 328.* MSDS Marine, Unpublished report for MarineSpace Ltd.

James, M. (2014). *Archaeological Interpretation of Sidescan Sonar and Multibeam Echo Sounder Data – Aggregate Extraction Areas 511/512/512.* MSDS Marine, Unpublished report for MarineSpace Ltd.

James, M. (2014). *Archaeological Interpretation of Sidescan Sonar and Multibeam Echo Sounder Data – Aggregate Extraction Area 515.* MSDS Marine, Unpublished report for MarineSpace Ltd.

James, M. (2014). *Archaeological Interpretation of Sidescan Sonar and Multibeam Echo Sounder Data – Aggregate Extraction Area 372/1.* MSDS Marine, Unpublished report for Sea Change Ltd.

James, M. (2013). *Navitus Bay Archaeological Interpretation of Geophysical Data – Lot 1.* MSDS Marine, Unpublished report for Project Management Support Services.

James, M. (2013). *Navitus Bay Archaeological Interpretation of Geophysical Data – Lot 2, Additional Contacts.* MSDS Marine, Unpublished report for Project Management Support Services.

James, M. (2013). *Archaeological Interpretation of Geophysical Data – Aggregate Extraction*

Area 401/2. MSDS Marine, Unpublished report for Sea Change Ltd.

James, M. (2013). *Quality Assessment of Geophysical Data – Aggregate Extraction Area 401/2*. MSDS Marine, Unpublished report for Sea Change Ltd.

James, M. (2013). *Watching Brief – Kennemerland, Out Skerries*. MSDS Marine, Unpublished report for Trendarch.

James, M. (2012). *Navitus Bay Archaeological Interpretation of Geophysical Data – Lot 2*. MSDS Marine, Unpublished report for Project Management Support Services.

James, M. (2012). *Archaeological Interpretation of Geophysical Data – Aggregate Extraction Area 480*. MSDS Marine, Unpublished report for Sea Change Ltd.

James, M. (2009). *New Forest National Park Authority Diving Operations Plan*. Internal Document for New Forest National Park Authority, Hampshire.

Brown, J. and **James, M.** (2009). *New Forest Coastal Heritage Project Volunteer Policy*. Internal Document for New Forest National Park Authority, Hampshire.

James, M. (2009). *Project Design for Phase 2 and 3 of the NFNPA Rapid Coastal Zone Assessment*. Tender Document for New Forest National Park Authority, Hampshire.

Hession, B. and **James, M.** (2008). *Hanson Aggregates Marine Ltd and CEMEX Areas 473 East, 474 Central and 475 Archaeological Monitoring Assessment 2007*. Maritime Archaeology Ltd, Southampton.

James, M. and Mason, B. (2008). *Port of Dover Hoverport Terminal Redevelopment Archaeological Assessment*. Maritime Archaeology Ltd, Southampton.

Hession, B., Goodwyn, N. and **James, M.** (2008). *Dover Marine Geophysical Survey Report*. Maritime Archaeology Ltd, Southampton.

Goodwyn, N. and **James, M.** (2008). *Whitehill Gas Storage Offshore Geophysical Assessment*. Maritime Archaeology Ltd, Southampton.

Hession, B., Goodwyn, N., **James, M.** and Mason, B. (2008). *Bristol Deep Sea Container Terminal: Desk Based Assessment Report*. Maritime Archaeology Ltd, Southampton.