



Capability Statement

Marine Monitoring



MarineSpace undertakes data interpretation, review and analysis and technical reporting to ensure compliance with statutory conditions

Our Vision

To work collaboratively with our clients, and with due consideration for the sensitivity of the marine environment, to provide consistently high quality, reliable advice regarding the planning, consenting, development, operation and monitoring of their projects.

MarineSpace has significant expertise of analysing and reporting monitoring data collected in the marine environment. Ecological and geophysical data analysis and interpretation has been undertaken in both European and international waters.



Specifically, MarineSpace is able to provide the following services and products in relation to marine monitoring data interpretation, analysis and reporting:

- Collation and assessment of third party data to inform planning, design and optimisation of marine survey activities;
- Survey design (both geophysical and ecological) to facilitate EIA hypothesis testing and ensure compliance with licence conditions;
- Survey management and client representation services;
- Interpretation of geophysical data (sub bottom profiler, sidescan sonar and swath bathymetry);
- Interpretation of processed ecological data including statistical analysis;
- Analysis of data for archaeological purposes;
- Detailed analysis of data for features of conservation interest;
- Comparison and integration of large complex datasets;
- Analysis of data in the context of EIA impact hypotheses and statutory requirements; and
- Non-technical reporting of survey details, results, comparisons and implications.

Consultancy, Consenting and Compliance Services for Marine Developers

For more information contact Rob Langman

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Key Benefits of Using MarineSpace

- Extremely experienced staff;
- Strong work ethic and project delivery track record;
- Extensive knowledge and experience of data interpretation;
- Excellent knowledge of the UK regulatory process for all marine developments;
- Expertise across a range of industries; and
- Ability to deliver statutory requirements in a non-technical format.

Project Case Study

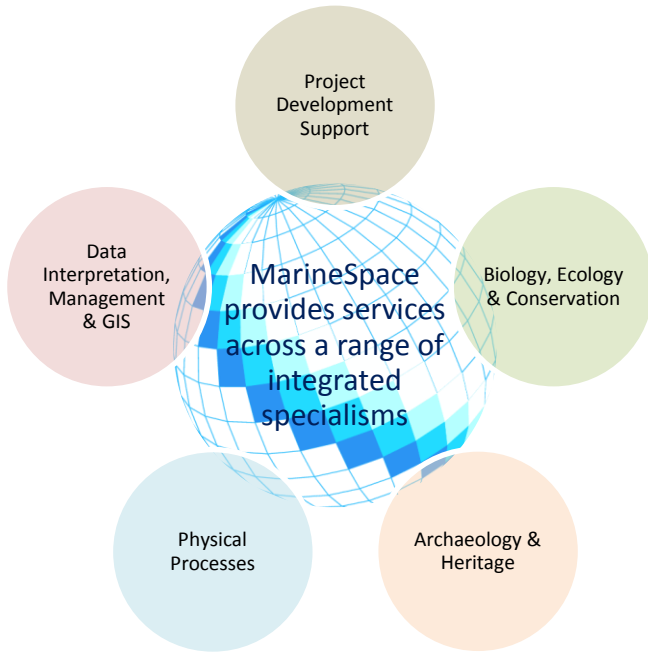
Area 401/2 is an aggregate extraction licence area on the East Coast of England. Every 5 years, a substantive review of monitoring data is required to be conducted, utilising a full set of geophysical data collected across the whole area and buffer, as well as a full ecological and seabed sediment survey data set from across the whole region.

MarineSpace were involved from the design and initiation of the surveys, to the technical analysis and reporting of all datasets. Sidescan sonar data were not only reviewed for seabed sediments and seabed features, but also analysed for features of archaeological importance or features of conservation significance. Ecological data were statistically assessed for changes following a redesign of the survey to effectively utilise historic data for the area.

The results showed the changes were in line with those predicted. Cost savings for the client were realised through the reduction of future survey effort and through survey efficiencies recommended by MarineSpace. In addition, MarineSpace was able to reduce the exclusion zones that were in place across the licence. Ultimately, the work ensured compliance with the requirements of the Marine Licence.

Recent Clients

- Hanson Aggregates Marine Ltd
- CEMEX UK Marine Ltd
- Lafarge Tarmac Marine Ltd
- Volker Dredging Ltd
- Britannia Aggregates Ltd
- DEME Building Materials Ltd
- DONG Energy Ltd
- Transmission Capital Partners LLP
- Tidal Energy Ltd



MarineSpace is registered with the Achilles Utilities Vendors Database (UVDB)
Supplier Number: 094974

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