



MARINE ENVIRONMENTAL IMPACT ASSESSMENT

BMT Cordah Limited

BMT Cordah Limited has established an international reputation for high quality environmental impact assessment (EIA) work dating back to the early 1970s. EIAs have been undertaken for both private and public sector clients in the UK and overseas. Our internationally experienced team of consultants provides a comprehensive capability to ensure that all the potential significant environmental impacts are addressed in a timely and cost-effective manner to comply with project deadlines and also to the satisfaction of consenting authorities and other stakeholders.

BMT Cordah can provide the following EIA components:

- scoping;
- review of legislation and policy;
- stakeholder consultation;
- site investigation including baseline surveys;
- impact prediction and evaluation of significance;
- design of mitigation measures and monitoring programmes.

Through managing EIAs, BMT Cordah has developed an impressive array of specialist skills:

- communication with stakeholders and industry representatives;
- awareness and understanding of marine policy, coastal planning and conservation legislation;
- practical application of marine conservation methods and theory;
- understanding of sensitive issues and an ability to approach them in an objective manner; and
- presentation of findings concisely and with clarity.

BMT Cordah has a detailed knowledge of coastal and maritime socio-economic development pressures, environmental regulations and conservation priorities.

Combined with our core science, engineering, project management and human resource development credentials, BMT Cordah offers innovative, cost-effective practical solutions to EIA.



Our EIA teams comprise of in-house staff and associates from a wide range of disciplines capable of providing technical inputs to all aspects of EIA studies including:

- socio-economic;
- landscape and visual assessment;
- marine and coastal ecology;
- resource management;
- marine engineering;
- oceanography;
- integrated coastal zone management (ICZM);
- biotope mapping; and
- effluent and pollution modelling including oil spill trajectory modelling.



Recent projects have been carried out for the following sectors and operations:

- ports, harbours and marinas;
- dredging and navigation channels;
- offshore wind and renewable energy developments;
- tourism, leisure and recreation facilities;
- oil and gas facilities;
- outfalls and waste water discharges
- coastal defence and flood protection works;
- aquaculture;
- petrochemical receiving facilities; and
- spoil dumping.

Projects Relevant to Marine EIA

Client: Department of Trade and Industry
Project: Strategic Environmental Assessment for offshore wind development (2002-2003)

BMT Cordah was commissioned to carry out the strategic environmental assessment for the second round of offshore wind development. This study was designed to be compliant with the EU SEA Directive. The resulting Environmental Report identified the environmental risks and uncertainties of the alternative development scenarios and made recommendations as to how to best manage environmental impacts.

Client: Forth Ports Plc

Project: EIA of permanent coal handling facility (2003)

BMT Cordah completed an EIA of a coal handling and transfer berth in the Firth of Forth. The proposed development involved the construction of a permanent deep water mooring point in the entrance of the Firth of Forth and a new jetty situated next to the Longannet power station.

Client: Tees and Hartlepool Port Authority
Project: River Tees dredging EIA (2003)

BMT Cordah undertook an EIA for a proposed dredging project within the Seaton Channel, River Tees. The work assessed the effects of the proposal both within the channel and also for the adjacent intertidal areas which have important conservation designations.



Client: Annat Bay Marine Ltd

Project: EIA for a marine fish farm site, Wester Ross (2003)

BMT Cordah was responsible for the completion of an EIA for a proposed marine finfish farm near Ullapool, Wester Ross. The proposed development will be used to carry out one complete salmon farm cycle before being converted into a cod farm site. Particularly sensitive issues included impacts on wild fish stocks and the effects of the proposed development on local visual amenity.

Client: Kishorn Base Ltd

Project: EIA of redeveloped oil and gas base (2000 - 2001)

BMT Cordah carried out an EIA for a site on the West Coast of Scotland to be redeveloped as a decommissioning, fabrication and supply base for the offshore oil and gas industry. The EIA included an account of the environmental, socio-economic and cultural impacts of the proposed development.

Client: Wood-GMC

Project: EIA for the re-use of the Brent Spar oil storage buoy (1998)

Wood-GMC proposed a marine construction project for the re-use of the redundant Brent Spar Oil Storage Buoy as an extension to a deep-water quay at Mekjarvik, Norway. The EIA was implemented by BMT Cordah and was submitted to the UK and Norwegian governments as part of the Abandonment Plan for Brent Spar.



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