



Accuracy, Integrity, Service

Deepwater Wind Protected Species Monitoring

Block Island Wind Farm and Geophysical Surveys

Client:

Deepwater Wind LLC
56 Exchange Terrace
Providence, RI 02903
Tel: 401-868-4228

Performance Period:

May 2015-November 2015
May 2016-July 2016

Key Services Provided:

- MMPA and ESA Consultation Services
- Monitoring & Mitigation Plan Development and Implementation
- PSO Monitoring & Management for 24hr operations
- Data Analysis and Report Writing
- Vessel Charter Services and Management



In May 2015 & 2016, Deepwater Wind LLC contracted A.I.S., Inc. (AIS) to provide protected species (PSO) monitoring services, environmental compliance management, and consulting services during the development of the Deepwater Wind Block Island (DWBI) wind farm.

The 30-megawatt, 5 turbine Block Island Wind Farm is the first offshore wind farm in the United States. During this multi phase project, AIS was responsible for ensuring regulatory compliance, development and implementation of species identification training programs, protected species monitoring, project management, and report writing.

Phase 1 consisted of consultation support to the DWBI Vice President of Permitting and Environmental Affairs. This work involved permit review, project planning, training, and PSO coordination during geophysical surveys of the project area used to determine ideal anchor positions.

Phase 2 involved 24/7 protected species monitoring during pile driving activity. AIS protected species observers maintained

360 degree monitoring of the project's exclusion zone. Observers were stationed on three different vessels during this phase.

Phase 3 monitoring was associated with transmission cable laying from the offshore area to an onshore station. During this phase, observers monitored 24/7 from the dynamic positioning cable laying barge.

Following each phase of the project, AIS staff analyzed data and summarized the results in final reports submitted to the government.



Project Statistics

20 AIS Observers, 2 AIS Managers, 24/7 operations over 500 monitoring days (>7,000 hours) during 128 calendar days of operations aboard 11 different vessels and platforms, with zero on the job injuries.

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