

Appendix B

STANDARD MITIGATION

The mitigation for Sale 202 would be the same as for Sales 186 and 195. The mitigation is described fully in the Beaufort Sea multiple-sale final EIS (USDOJ, MMS, 2003:Sec. II.H.1) and on the MMS website: *Lease Stipulations for Oil and Gas Lease Sale 202* (<http://www.mms.gov/alaska/cproject/beaufortsale/FNOS%20186%20Package/FNIS202Package.htm>).

B.1. Standard Stipulations.

- No. 1 Protection of Biological Resources
- No. 2 Orientation Program
- No. 3 Transportation of Hydrocarbons
- No. 4 Industry Site-Specific Bowhead Whale-Monitoring Program
- No. 5 Conflict Avoidance Mechanisms to Protect Subsistence Whaling & Other Subsistence Activities
- No. 6 Pre-Booming Requirements for Fuel Transfers
- No. 7 Lighting of Lease Structures to Minimize Effects to Spectacled and Steller's Eiders
- No. 8a Permanent Facility Siting in the Vicinity Seaward of Cross Island
- No. 8b Permanent Facility Siting in the Vicinity Shoreward of Cross Island

The stipulation on lighting of lease structures led to the preparation of a protocol specifying standards for lighting on structures. After preparation of the assessment for Sale 195, the protocol was revised slightly. The new protocol specifies performance-based objectives for lighting rather than predetermined prescriptive standards. It recognizes that different types of structures (size, height, configuration, etc.) make it difficult to specify a single common lighting standard. The performance-based objective is to minimize the radiation of light outward from exploration/delineation structures. Measures to be considered include but need not be limited to the following:

- Shading and/or light-fixture placement to direct light inward and downward to living and work structures while minimizing light radiating upward and outward.
- Types of lights.
- Adjustment of the number and intensity of lights as needed during specific activities.
- Dark paint colors for selected surfaces.
- Low reflecting finishes or coverings for selected surfaces.
- Facility or equipment configuration.

The new protocol encourages lessees to consider other technical, operational, and management approaches to reduce light radiation. The new protocol will be used for Sale 202 leases.

B.2. Information to Lessees (ITL) Clauses that Apply to Beaufort Sea Sales.

These ITL clauses are described fully in the multiple-sale EIS (USDOJ, MMS 2003:Sec. II.H.3).

- No. 1 - Information on Community Participation in Operations Planning
- No. 2 - Information on Kaktovikmiut Guide *In this Place*
- No. 3 - Information on Nuiqsutmiut Paper
- No. 4 - Information on Bird and Marine Mammal Protection
- No. 5 - Information to Lessees on River Deltas
- No. 6 - Information on Endangered Whales and the MMS Monitoring Program
- No. 7 - Information on the Availability of Bowhead Whales for Subsistence-Hunting Activities
- No. 8 - Information on High-Resolution Geological and Geophysical Survey Activity
- No. 9 - Information on Polar Bear Interaction
- No. 10 - Information on the Spectacled Eider and the Steller's Eider
- No. 11 - Information on Sensitive Areas to be Considered in Oil-Spill-Contingency Plans
- No. 12 - Information on Coastal Zone Management
- No. 13 - Information on Navigational Safety

No. 14 - Information on Offshore Pipelines

No. 15 - Information on Discharge of Produced Waters

No. 16 - Information on Use of Existing Pads and Islands

No. 17 - Information to Lessees on Archaeological and Geological Hazards Reports and Surveys.