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EMF (Electromagnetic Field) Impacts on Elasmobranch (sharks, rays and skates) and American Lobster Movement and Migration

Determine the actual fields from the cables within offshore wind facilities and any response by sensitive receptor organisms including the American Lobster and elasmobranch species (skates, etc.).

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Current Efforts:

- Literature synthesis completed
- Field work in Pacific with actual field measurements AC cables
- Proposed field work to evaluate DC cables
- Proposed field work – Pacific Crabs

This Effort:

- Focus on American Lobster and elasmobranchs of commercial importance
- Geographic area is New England
- Existing cables to Nantucket and Long Island

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Other Considerations:

- Partnering with Rhode Island – Coastal Resources Management Council
- Work with fisherman to capture and tag
- Recognize European studies suggest no measureable effect for AC cables

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