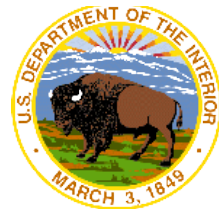
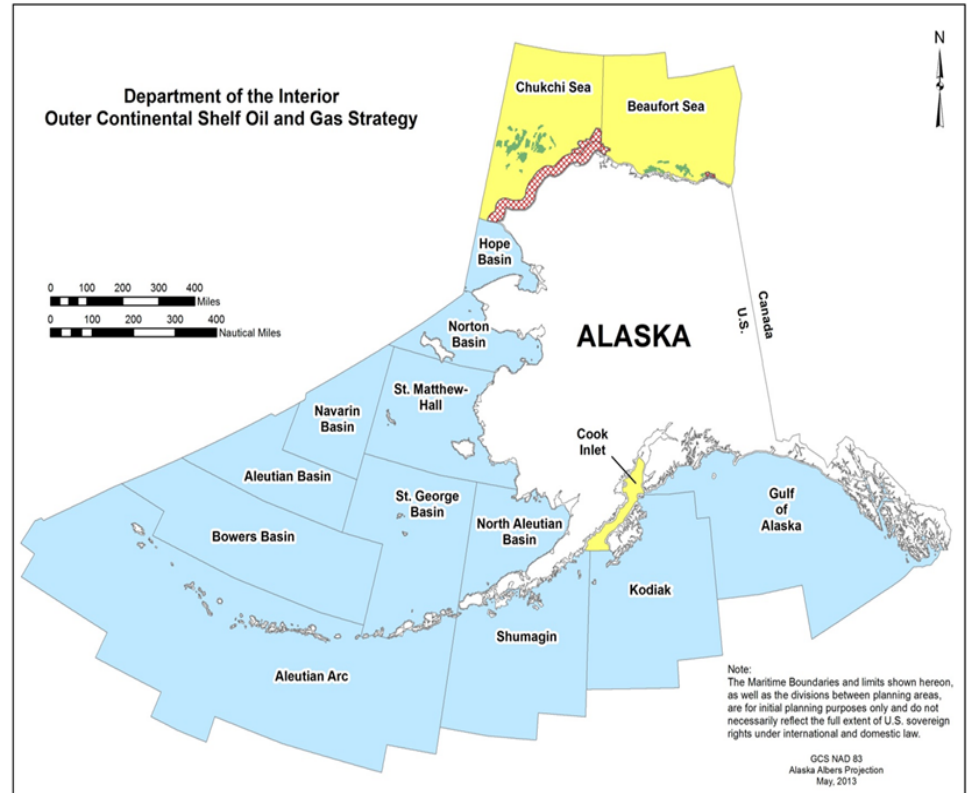


BOEM Assesses Potential Impacts on the Human, Marine and Coastal Environments that may be Affected by OCS Energy Development Activities

- The Studies Program functions to establish information needed for assessment and management of impacts from OCS exploration, development, and production.
- Studies are planned and carried out in cooperation with affected States and interested parties, while avoiding duplication.
- Studies are designed to predict environmental impacts and to monitor for changes over time.



BOEM is a leading contributor to the growing body of scientific knowledge on Arctic marine and coastal environments

BOEM Studies Program designs and funds scientific research conducted through competitive contracts, cooperative agreements, and inter-agency agreements

Studies in Alaska focus on:

- Physical Oceanography
- Oil Spill (Fate and Effects)
- Meteorology and Air Quality
- Biology and Habitat
- Protected Species
- Social Sciences and Economics
- TK Integration
- Cultural Resources



Long-term Ecosystem Monitoring

- Equipment: aerial surveys; HF radars; moorings; gliders; drifters; CTD tags;
- Sampling Programs: eg. ASAMM; ANIMIDA; COMIDA; Hanna Shoal; Fish and Lower Trophic Surveys

Support DBOs

- CHAOZ / ARCWest; AMBON; ANIMIDA; MARES

Advance Scientific Technologies

- Eg. UAS; Carbon Gliders; SPLASH tags; under ice sensors

Scientific Cooperation (partnerships)

- NOPP; NPRB; NOAA; UAF-CMI; USGS; NSF

Increase Local Involvement

- Tagging Programs; Subsistence Mapping; LTK Workshops; Subsistence Sharing Networks; LEO Observation Network

Data Management and Synthesis

- Examples: SOAR; MESO MET; SOCIAL INDICATORS

