

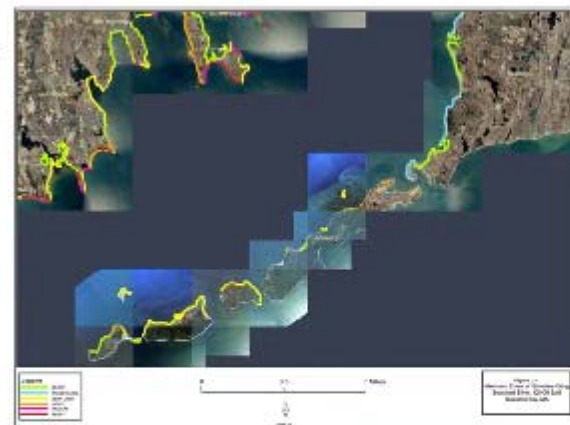
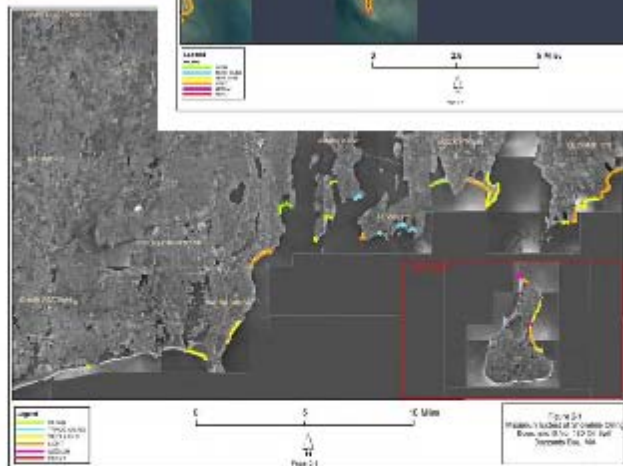
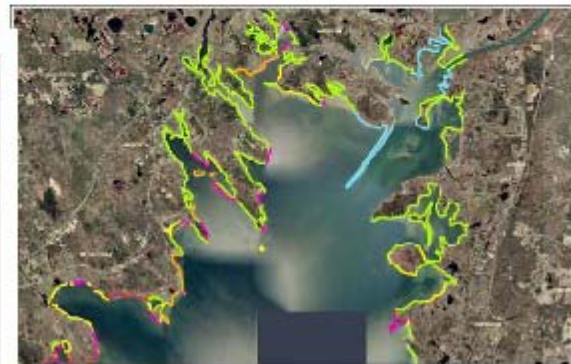
# Bouchard B-120 Oil Spill Natural Resource Damage Assessment

Status Update

November 1, 2011



# 98,000 Gallons of Oil and 98+ Miles of Shoreline and Coastal Waters Affected





# NRDA Participants

- Massachusetts EOE A
- Rhode Island DEM
- U.S. Department of the Interior
  - Fish and Wildlife Service
- U.S. Department of Commerce
  - NOAA
- Responsible Party (Bouchard Transportation)
  - ENTRIX (technical representative)

# Injury Categories Assessed Cooperatively by Technical Work Groups

- Shoreline
- Aquatic (including fish, shellfish, and their habitats)
- Birds and Wildlife
- Recreational Lost Use

# Resource: Shoreline

- Approximately 100 miles of shoreline oiled to varying degrees
  - 85 miles in Massachusetts
  - 15 miles in Rhode Island
- Affected shoreline grouped into three habitat types
  - Tidal marshes
  - Sand beaches
  - Hard substrates (primarily gravel beaches)

# Shoreline: Injury Assessment

- Based on data and information collected during and following the incident
  - Shoreline Cleanup Assessment Team (SCAT)
  - Exposure Report (Final)
  - Ram Island Marsh Erosion Study
  - Immediate Response Action Completion (IRAC)
  - Environmental Sensitivity Index (ESI) Maps



# Resource: Recreational Lost Use

- Three categories of recreational lost use
  - recreational shellfishing
  - recreational boating
  - recreational beach use
- Injury assessment for 3 categories based on
  - information and data collected during and following the incident
  - current and historical records

# Current Status

- Shoreline and Aquatic (including fish, shellfish, and their habitats)
  - Resolved (\$1,522,000)
- Ram Island
  - Resolved (\$534,000)
- Piping Plovers
  - Resolved (\$715,000)
- Recreational Lost Use
  - Resolved (\$3,091,996)
- Other birds
  - Assessment ongoing