

Update on Revisions to the Regional Contingency Plan & RRT Guidance Documents

NY/NJ RRT Meeting
West Point, NY
May 13–15, 2016

RCP Revisions:

- ▶ Only Changes are to Appendices
- ▶ Appendix 2: EPA/USCG Boundary Agreement
 - Addressed a small gap identified near the NY/NJ border – Route 9W to PIP to I-95
 - Replaces National Response “*Plan*” with “*Framework*”
 - Lower case “*incidents of national significance*”
 - Added language from the NRF Nuc/Rad Incident Annex
- ▶ Appendix 3: Chemical Countermeasures MOU
 - Added missing 1996 letters and map extending MOU to R3 boundary
- ▶ Added Appendix 6: RRT II Guidance for Emergency Ocean Dumping during Pollution Response Actions

On-Going/Future Efforts:

- ▶ FWS & NMFS emergency consultation checklists for ESA & EFH (NMFS GAR is receptive)
- ▶ Bioremediation Guidance:
 - Comments received from NYS DEC
 - ERT commitment to develop further revisions
 - Other pressing priorities have postponed action
- ▶ Regional PA on protecting historical properties (NHPA Section 106)

ESA Consultations for Preauthorization Agreements

NMFS: Chemical Countermeasures (1993)

- Not likely to adversely affect those species listed:
 - Right, humpback, fin, sei and sperm whales
 - Kemp's ridley, leatherback, green, hawksbill and loggerhead (T) sea turtles
 - Shortnose sturgeon
 - Harbor porpoise (proposed as threatened) and bottlenose dolphin (depleted under MMPA, but not ESA)

Subsequently listed species:

- Blue Whale, Atlantic Sturgeon

ESA Consultations for Preauthorization Agreements

NMFS: In-Situ Burning (1996)

- Not likely to adversely affect ESA-listed species:
 - Blue, right, humpback, fin, sei and sperm whales
 - Kemp's ridley, leatherback, green and loggerhead (T) sea turtles (not hawksbill)
 - Shortnose sturgeon
 - Harbor and bottlenose dolphins (proposed at the time, but subsequently not ESA-listed)

Subsequently listed species:

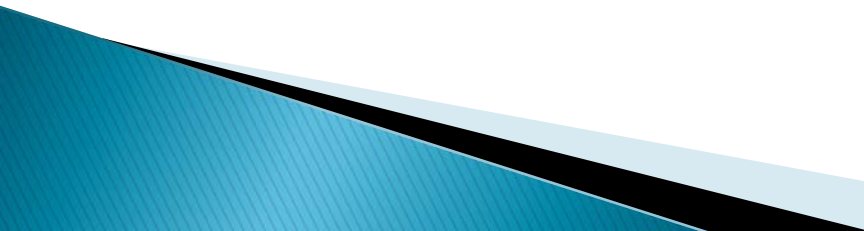
- Atlantic Sturgeon

ESA Consultations for Preauthorization Agreements

FWS:

- ▶ Chemical countermeasures (1993)
 - “...not likely to adversely affect the Federally listed **Piping Plover** or **Roseate Tern**. Therefore, ***no Biological Assessment*** or further Section 7 consultation under the ESA is required with the service at this time.”
- ▶ In-Situ Burning (1996)
 - “Not likely to adversely affect Federally listed species under our jurisdiction”
- ▶ Subsequently listed: Red knot (Jan 2015)

Why Reinitiation of ESA Consultations?

- ▶ “We clearly recognize that little or no data has been gathered on the effects of oil and dispersants on marine mammals and sea turtles.”
 - ▶ “Similarly, no studies have been conducted relative to the effects of oil and the oil/dispersant mix on the prey species of these endangered species.”
 - ▶ “Ideally, more research is necessary to quantify the toxicity levels, standing time of threshold levels, and location of those levels for oil–dispersant mixtures against the same levels for oil alone.”
 - ▶ “Listed species may come in contact with residue which is not retrieved. The effects of the contact are unknown;”
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Why Reinitiation of ESA Consultations?

- ▶ “...if chemical countermeasures other than Corexit 9527 become available and likely to be used...or if additional information on listed or proposed species becomes available, this determination may be reconsidered.”
- ▶ “...Corexit 9527 is the only dispersant currently available for use...USCG has acknowledged that should any additional chemical countermeasures become available and likely to be used, they would be evaluated to determine the potential for any adverse effects on T/E species. The result of that evaluation should be provided to this office to determine the need for further Section 7 consultation prior to their use under this MOU.”

Framework for Programmatic Consultation:

“CRRT ESA BA & EFH Evaluation for Dispersants and In-Situ Burning”

- ▶ Description of Proposed Actions/NCP Concurrence & Consultation Requirements
- ▶ Dispersant & ISB Preauthorization Agreements
- ▶ Description of Dispersants
 - Chemical Constituents
 - Toxicity of Dispersants
 - Toxicity of Chemically Dispersed Oil
 - Biodegradation of Dispersants & Dispersed Oil
- ▶ Description of In-Situ Burning

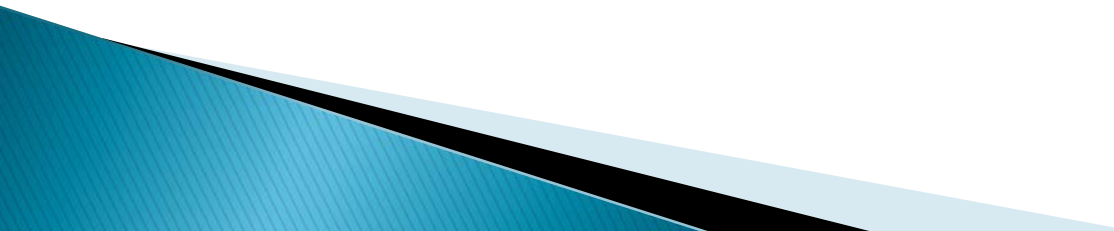
Framework for Programmatic Consultation (cont.)

- ▶ **Description of ESA-listed Species Present**
 - Sea turtles
 - Whales
 - Sturgeon

- ▶ **Essential Fish Habitat**
 - Specific Areas that may be affected by Dispersants & ISB/Operations
 - Life histories of designated EFH

Framework for Programmatic Consultation (cont.)

Analysis of the Effects of the Proposed Actions:

- ▶ Potential Effects of Oil
 - ▶ Effects of Oil on Habitat
 - ▶ Potential Impacts of Dispersants / Dispersed Oil
 - ▶ Potential Impacts of In-Situ Burning
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Framework for Programmatic Consultation (cont.)

- ▶ **Potential Impacts of In-Situ Burning**
 - Inhalation
 - Floating/Stranded burn residue contact hazards
 - Burn residue properties, toxicity & sinking hazards
 - Habitat effects

- ▶ **Physical Impacts of Response Operations**
 - Vessel Operations
 - Physical (mechanical) Removal Equipment

Framework for Programmatic Consultation (cont.)

Avoidance & Minimization Procedures

- ▶ Best Management Practices “BMP’s”
 - Protect species during Dispersant & ISB Operations
 - Protocols for field observers

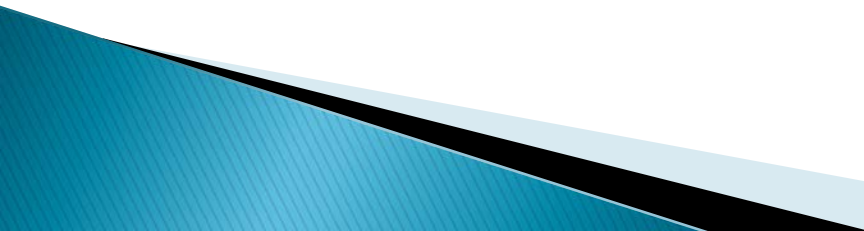
- ▶ Will maintain compilation of BMPs as an Appendix in the RCP, update and revise

Framework for Programmatic Consultation (cont.)

Effects Determinations:

- ▶ Effects of Dispersants / Dispersed Oil
- ▶ Effects of In-Situ Burning
- ▶ Effects of Associated Response Operations

CRRT Conclusions (and hopefully ours!):

- ▶ ESA: May affect, but are not likely to adversely affect, listed species or critical habitat.
 - ▶ EFH: May affect EFH because of direct and indirect impacts; however, local, short-term and minor.
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Questions?

