RSM FY12 IPR

New York District, RSM Coordination Strategy

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Description/Challenge:

- To overcome the communication barrier between technical Divisions within New York District that may hinder the optimal placement of sediments.
- The team identified the necessary coordination and actions to implement RSM strategies for potential FY13 actions.

Goals/Issues to Address:

- Identify common constraints to RSM actions, which lack of communication could exacerbate
- Identify the potential FY13 RSM actions which could benefit from an explicit communication strategy
- Develop a communication plan to address the constraints specific to each action

BLUF: Some Districts have natural communication between offices, some have none at all. For those who have less, perhaps an explicit communications plan will lead to more RSM success stories.

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District PDT Members:

- Planning: Donald Cresitello (Coastal Regional Technical Specialist)
- Engineering
    - Lynn Bocamazo (Senior Coastal Engineer)
    - David Yang (Coastal Team Leader)
    - Diane Rahoy and Chris Rasmussen (Coastal Engineers)
- Operations: Joe Olha (Project Manager)

Stakeholders and Partners:

- State of New York
- State of New Jersey
- City of New York
- Suffolk County

Leveraging/Collaborative Opportunities:

- East Rockaway Inlet to Rockaway Inlet, NY, Reformulation Study

Milestones/Deliverables:

- White Paper, “Potential Collaborative Dredging Efforts in FY13”, 30Sep12, 90% complete

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Approach:
- Early and frequent RSM PDT meetings to
  - Elicit local cost-share partners needs are requirements to expedite agreements
  - Utilize modeling results to optimize placement area
  - Elect and support a charismatic RSM advocate for each respective action for PPMD, CENAD, and HQ

Benefits to O&M, FRM, Environmental:
- Increased collaboration within NAN
- Increased networking and communication with NAD and HQ
- Strengthening of relationships with local cost-share partners (getting the right people at the table)
- Potentially more storm damage reduction benefits in NAN borders from utilizing locally-preferred placement locations
- Potentially more storm damage reduction benefits nationwide from a Federal Standard modification to account for RSM principles.

Models, Tools, Databases, etc Used:
- USACE's Coastal Modeling System (CMS) for Shark River Inlet and East Rockaway Inlet

Shark River Inlet, NJ

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Opportunities to take action:
- Shark River Inlet Dredging
- East Rockaway Inlet Dredging
- Shinnecock Inlet Dredging
- Ambrose Channel Dredging

Volume of Sediment to be Moved:
- Shark River Inlet - 30,000 cy
- East Rockaway Inlet - 280,000 cy
- Shinnecock Inlet - 130,000 to 260,000 cy
- Ambrose Channel - 100,000 cy

Accomplishments:
- Established RSM PDT meetings on a quarterly basis

Lessons Learned:
- Without coordination and strong advocacy, optimized regional sediment management strategies evaporate.