Summary & Taskers
Meeting #1 on Reconnaissance Survey Draft
August 19, 2016

Attendees:

Mark Lamb - NMFS **Kelly Logan - NMFS** **Pace Wilber - NMFS** **Jocelyn Karaszia - NMFS** **Debby Scerno – USACE/SAD** **Gina Ralph - USACE** **Lacy Pfaff – USACE** **Eric Summa - USACE**	**Jason Spinning - USACE** **Matt Miller - USACE** **Jeff Howe - FWS** **Laura DiGruttolo - FWC** **Marissa Krueger - FWC** **Ken Banks - Broward** **Jane Herndon - DEP** **Jennifer Peterson - DEP**	**Lainie Edwards - DEP** **Vlad Kosmynin- DEP** **Brendan Biggs - DEP** **Matt Harold – Port Everglades** **Bill Precht – DCA/Port** **Wade Lehmann - EPA** **Jennifer Derby - EPA** **Mel Parsons - EPA** **Ron Miedema - EPA** **Steve Dial – DCA/PE**

<u>Tasks from Meeting:</u>

OVERALL COMMENTS AND CONCERNS

ACTION ITEMS	PERSON RESPONSIBLE	DEADLINE
Jenny: Publications for justification 10 meter transects. Peered review literature and Aranson white paper; Margaret Miller information.	Bill Precht	19 August 2016
Vlad's question 10 meter protocol transects size Webinar on 3d mosaics	Bill Precht DCA	Within a week.

SPATIAL EXTENT

ACTION ITEMS	PERSON RESPONSIBLE	DEADLINE
Ocean currents for plume distribution data or from Ken Banks from Broward	Jason	Next Friday
Information oceanographic information from Navy? (added after meeting)	?	

Mapping utilized

ACTION ITEMS	PERSON RESPONSIBLE	DEADLINE
Final product with estimate of product delivery.	Corps and DCA	Steve: fall…..refine
How far offshore does the sediment tracking model go?	Matt Miller	Weds next week

RECONNAISSANCE SURVEY DISCUSSION: METHODS

ACTION ITEMS	PERSON RESPONSIBLE	DEADLINE
10 meters or above background information	Bill Precht	19 August 2016
NMFS conversation on methods to include ESA requirements	Mark Lamb	2 weeks

TRANSECTS: DATA REQUIRED AT SEDIMENT DEPTHS

ACTION ITEMS	PERSON RESPONSIBLE	DEADLINE
Figure out a mechanism to get raw data to agencies	Corps	

Opening comments and overall concerns:

- Answer needed on what is the objective of the Recon Survey? This will drive the protocol and methodologies. DEP needs information for UMAM decisions. NMFS needs information for Endangered Species absence and presence.
- Should data be collected for ESA and Recon at the same time?
- It's important to determine the spatial extent and location of listed species to minimize impacts.
- Would like to see longer transects to better characterize the area.25 – 30 meters?
- Increase density of stations especially closer to the channel.
- Need for photo mosaic is in question and could resources be used better elsewhere?
- Decision needed on survey distance north and south; east and west.

Spatial Extent:

- Additional local oceanographic information for plume distribution available?
- Members of the group would like more involvement in sediment tracking model inputs.
- Can you determine spatial extent before information from sediment tracking model is available?

Mapping Utilized:

- There will be an updated version of the Walker maps by DCA from their collection of high resolution side scan imagery.
- Include multi-beam data.
- How will this information be ground truthed?
- Goal: One habitat map that will stay with the project with no needed revisions.
- Are the additional mapping refinements beyond the Walker maps needed for regulatory responsibilities?

Methods:

- Is proposed transect density (10 30-meter transect per area) sufficient?
- If no, what more can be gleaned with additional transects.
- Because the project area is so large the 15% desired by NMFS would not be feasible so are there any alternatives?
- What is the level of survey for Endangered Species?
- Is extrapolation possible? If so how would this be accomplished?

Data required for Corals:

- Differentiate between Recon Survey goals and Pre-Construction monitoring goals. Different requirements for each.
- NMFS is looking at what they need for a Recon.
- Recon addresses predicted impact area.
- There is a desire to use Line-point-intercept (LPI) for Benthic Cover.

Photo and video documentation:

- Need for video along transects for visual record.
- No expressed desire by agency representatives for 2d or 3d mosaics.

QA/QC

- There is a desire expressed at the IWG and during the phone call for a third-party to a. make sure the team in the field are checking the same data; quadrat recording and the overall process analyzed.
- Corps is currently looking to identify potential third parties to do such work.