

National Deep Draft Navigation Planning Center of Expertise (DDNPCX) Update

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DDNPCX Update

- **Background**
- **Key Missions**
- **FY13 Activity List**
- **Economic Production Center**
- **Communication and Collaboration**
- **Training and Development**
- **Priorities for FY14**
- **Opportunities and Challenges**

National Deep Draft Navigation Planning Center of Expertise

Background

- DDNPCX assigned to South Atlantic Division, Atlanta, Aug 2003:
 - Director – South Atlantic Division Planning and Policy Chief
 - Center Operational and Technical Chief and Functions assigned to Mobile District Planning Office
 - Permanent full-time staff DDNPCX - 6 onsite
 - Virtual expertise support throughout USACE
- Corp Operational Order 2012-15 signed 24 Feb 2012:
 - Mandatory that economic analyses are performed by DDNPCX



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Key Missions

- Conduct all DDNPCX Economic Analyses
- Manage Agency Technical Reviews and Independent External Peer Reviews
- Economic Planning Models – Review and Recommend Approval
- Maintain and Update Appropriate Navigation models
- Provide Deep Draft Navigation Planning and Economic Training
- Recommend and Support Deep Draft Planning Research and Development



ID	Project Name					
1	AIWW, GA					
2	Alaska Deep-Draft Arctic Ports, AK					
3	Anchorage Harbor Deepening, AK					
4	Baltimore Harbor DMMP, MD					
5	Barbers Point Deep Draft Harbor, HI					
6	Barbours Cut Sec 204, TX					
7	Barbours Cut Sec 408, TX					
8	Bayou Casotte Widening (204), MS					
9	Bayport Flare, TX					
10	Bayport Ship Channel Sec. 204, TX					
11	Bayport Ship Channel Sec. 408, TX					
12	Boston Harbor (Feasibility Study), MA					
13	Brazos Island Harbor, TX Channel Improvement					
14	Canaveral Harbor Sec 203, FL					
15	Charleston Harbor Post 45 (Feas), SC					
16	Columbia River (Mouth) (Feas Report), OR					
17	Corpus Christi Ship Channel LRR, TX					
18	Delaware River Feasibility Study, DE					
19	Freeport Harbor (Feas), TX					
20	Grays Harbor, WA					
21	Hilo Harbor, HI					
22	Houston Ship Channel DMMP, TX					
23	Houston-Galveston 902, TX					
24	Houston-Galveston Channel Ext., TX					
25	Humboldt Bay DMMP, CA					
26	Jacintoport, TX					
27	Jacksonville Harbor GRR2, FL					
28	Jacksonville Harbor (Mile Point) Feas Study					
29	Lake Worth Inlet Harbor, Palm Beach, FL					
30	LaQuinta Channel Extension (AOM), TX					
31	Mobile Harbor Widening LRR, AL					
32	Morehead City DMMP, NC					
33	Nawillwill Harbor Modication, HI					
34	New Jersey Beneficial Use Study, NJ					
FY ACTIVITIES CONTINUE TO THE NEXT SLIDE						

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FY 13 Activity List
15 Districts among 7
Division Offices with over
65 activities underway



ID	Project Name				
35	Oakland Harbor Navigation Improvement Project, CA				
36	Ogensburg Harbor, NY				
37	Palm Beach Harbor Lake Worth Inlet (107), FL				
38	Panama City Harbor LRR, FL				
39	Point McKenzie Shoals, AK				
40	Port Everglades (Feas), FL				
41	Port of Houston, TX 204(f) Assumption of Maintenance				
42	Redwood City, CA				
43	Sacramento Deep Water Ship Canal (LRR), CA				
44	San Francisco Bay to Stockton, CA				
45	San Juan Harbor, PR				
46	Savannah Harbor Freshwater Control, GA				
47	Searsport Harbor, ME				
48	Tampa Harbor DMMP, FL				
49	Tampa Harbor GRR, FL				
50	Wilmington Harbor, NC				
51	Manatee Harbor, FL Phase II				
52	Miami Harbor				
53	Portsmouth Harbor, ME				
54					
TOTAL FY ACTIVITIES					

FY13 Activity List (Cont.)

65 Actions

(\$,000)

Review Plans (29) \$77
ATRs (13) \$628
IEPRs (3) \$630
Model Certs (9) \$245
Tech Services (10): \$1062

-Economic Production-Traditional
 -Non-Federal- Section 204(f) Studies

HQ /IWR activities \$280
Total \$2922



Navigation Chief's Report

- Projects With Completed Chief Reports
 - Sabine Neches Waterways, TX
 - Port Canaveral Harbor, FL
 - Freeport Harbor Channel Improvement Project, TX
 - Jacksonville Harbor- Mile-Point, FL
 - Savannah Harbor Expansion Project, GA and SC
- Chief Reports to be Completed by end of 2014
 - Jacksonville Harbor Deepening, FL
 - Port Everglades Deepening, FL
 - Lake Worth Inlet, FL
 - Boston Harbor Navigation Improvement Project, MA
 - Brazos Island Harbor, TX
 - Little Diomedede Harbor, AK



Economic Production Center

- Engaged in all DDN economic analyses;
- Facilitate technically sound DDN planning decision documents;
- Provide Independent quality control and quality assurance of economic products;
- Facilitate successful presentation of economic analyses to the Corps Civil Works Review Board;
- Provide DDN Policy expertise;
- Manage program of sharing lessons learned by sponsoring workshops, develop repository of DDN reports, data, etc, and webinars; and
- Perform model reviews and recommend certification for all deep draft navigation models.



Communication and Collaboration

- Engagement with Districts Project Teams
- Regular Meetings with Jacksonville and Galveston Districts
- Vertical Team Meetings
- Enhanced Communication with AAPA/QPI
- Dashboard
 - ▶ Commander to Commander
 - ▶ Corps Division Planning Chiefs
 - ▶ AAPA –Jim Walker



Training and Development

- Planning Core Curriculum
 - ▶ Full Project Teams
- Planning Associate Program
- HarborSym Training
 - ▶ Two Workshops in Mobile
 - ▶ Projects Workshop in Jacksonville
- On-the-job training and Synergy



FY 14 Priorities

- Complete Chief Reports for scheduled CWRB and Director Reports for ASA (CW)
- Facilitate consistent national approach to Planning Deep Draft Navigation Projects
- Expand suite of USACE corporate models for deep draft navigation
- Continue to define balance of Core and Virtual staff approach in deep draft navigation economics
- Transparent communication with internal-external customers-stakeholders
- Applying SMART Planning principles to deep draft navigation planning studies and other analyses



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Opportunities and Challenges

- Improve workload projections
 - Implementation of Corporate HarborSym Model
 - Strengthen External Collaboration-Communication
 - American Association of Port Authorities
 - Academic Institutions
 - Gaining Agreement on Appropriate level of Economic Analysis
- Meeting Partner's Schedule



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Questions/Comments

