

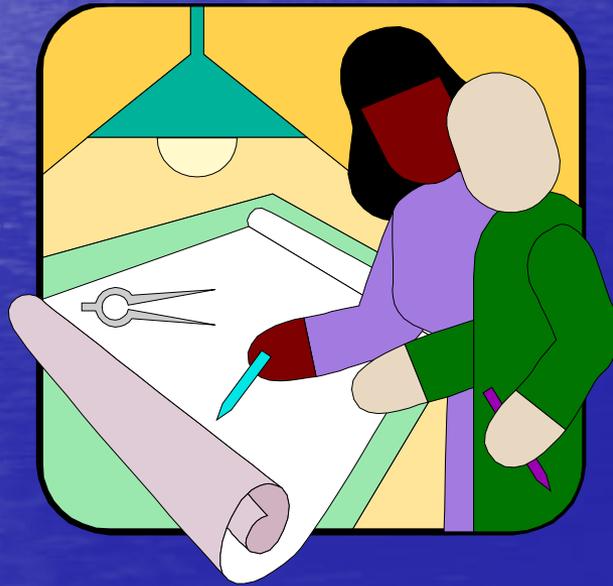


Source: IHC Holland



# *DREDGING UFGS*

## *SECTION 35 20 23*



# HOW IT STARTED

- Corps Spec Steering Committee:
  - Need Suggested
  - Queried Districts
- Districts:
  - Responded Favorably
  - Volunteered For Team
  - Submitted District Dredging Specs

# THE TEAM

- NAVFAC
- CORPS:
  - CESAW
  - CESAJ
  - CESAS
  - CENWP
  - CENWS
  - CESWG
  - CELRL

# SCOPE

- New Work and Maintenance Dredging
- Dredging Methods:
  - Pipeline (cutterhead, hopper disposal)
  - Hopper Dredging
  - Mechanical (clam shell, bucket & scow)
- ✓ Drilling and blasting
- ✓ Environmental

# Mechanical Dredges



Source: Manson Construction and Engineering Co.

# Hopper Dredges



Source: Great Lakes Dredge and Dock Co.

# Hydraulic Pipeline Dredges



# Environmental Factors

- Marine animals caught in the dragheads
- Turbidity from overflow
- Turbidity at the dump site



# ISSUES ADDRESSED

- VARIATION IN ESTIMATED QUANTITIES
- MEASUREMENT AND PAYMENT
- NEW SAFETY REQUIREMENTS
- RMS / QUALITY CONTROL SYSTEM
- TRAFFIC CONTROL PLAN
- SURVEYS/ACCEPTANCE SECTIONS
- DREDGE POSITIONING SYSTEM
- UNCLASSIFIED EXCAVATION
- CHARACTER OF MATERIALS

# ISSUES ADDRESSED (2)

- DREDGED MATERIAL DISPOSAL PLAN
- DREDGING WINDOWS
- EXPLOSIVE ORDINANCE
- DEBRIS SCREEN - MECHANICAL
- TURTLE DEFLECTORS
- SILENT INSPECTOR
- INFLOW BASKET – HOPPER
- OVERDEPTH DREDGING – NON-PAY
- LOCAL CONDITIONS - NAVY
- LOCAL CONDITIONS - CORPS

# STATUS

- CORPS COMMENTS INCORPORATED
- NAVY COMMENTS INCORPORATED
- COORDINATION WITH EM 1110-2-5025,  
Dredging and Dredged Material Management
- CSSC REVIEW
- HQ AND DREDGING INDUSTRY REVIEW (Underway)
- ESTIMATED ISSUE DATE: 1 OCT

# QUESTIONS

