



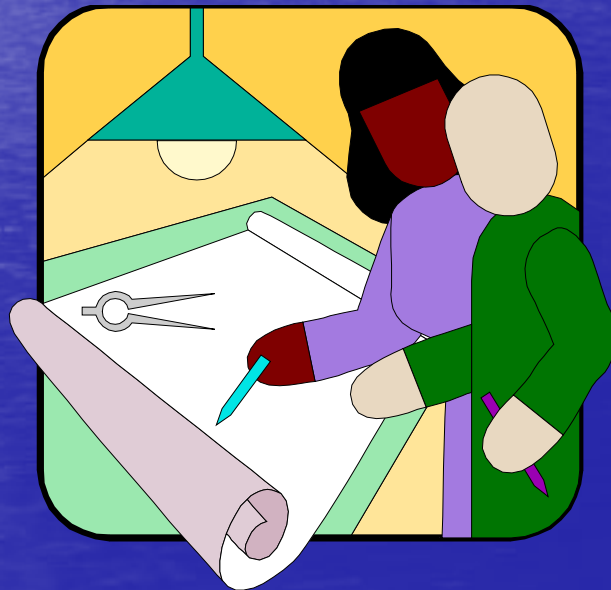
DREDGING WORLDWIDE®

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



Source: Bean Dredging

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

