

\*\*\*\*\*  
USACE / CESAJ

DEPARTMENT OF THE ARMY CESAJ 01 35 25 (Apr 2006)  
U.S. ARMY CORPS OF ENGINEERS

JACKSONVILLE DISTRICT LOCAL MASTER GUIDE SPECIFICATION

\*\*\*\*\*

SECTION 01 35 25

OWNER SAFETY REQUIREMENTS - DIVING  
11/08

\*\*\*\*\*

NOTE: CESAJ Master 01 35 25 (K3) was developed after UFGS 01 32 39 was required for use in all contracts. It covers Diving Safety requirements specific to Jacksonville District (K3).

CESAJ 01 35 25 is for use for all contracts that have work over water or may require underwater inspection. It is applicable to all Dredge jobs.

Use e-mail for suggested changes. Comments are encouraged and should be directed to:

Mr. Kevin Winn 904-232-2079  
Design Branch, Specifications Section  
(kevin.h.winn@saj02.usace.army.mil)

or

ConOps, Construction, Quality Assurance Section  
(& District Diving Coordinator)

POC Mr. Bruce Tappmeyer, 904-232-3835  
(bruce.a.tappmeyer@saj02.usace.army.mil).

or

CESAJ 01 35 25 is for use by both District in-house and A/E Designers.

NOTE: Brackets are used for designer choices or when text must be supplied. During Preliminary Design PDT Specifiers and Construction field personnel must identify when Diving will be required. Make section site and project work specific. Specifiers, make section, clear, concise, correct and complete, editing out items not applicable to project.

\*\*\*\*\*

PART 1 GENERAL

1.1 SUMMARY

Section covers job specific underwater diving requirements and dive safety.

1.1.1 Related Section

Section 01 35 26 GOVERNMENTAL SAFETY REQUIREMENTS.

1.2 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

U.S. ARMY CORPS OF ENGINEERS (USACE)

EM 385-1-1 (2008) U.S. Army Corps of Engineers Safety and Health Requirements Manual

1.3 SAFETY AND HEALTH REQUIREMENTS MANUAL

EM 385-1-1, are available at http://www.saj.usace.army.mil/Divisions/Construction. One copy will be provided to Contractor at a Preconstruction Conference (refer to Section 01 30 00 ADMINISTRATIVE PROCEDURES.

1.4 DEFINITIONS

Use definitions found in EM 385-1-1 in transmitted dive plan submittal items.

Dive Supervisor - A person with specialized training or experience in Dive safety.

1.5 SUBMITTALS

\*\*\*\*\*
NOTE: Refer to Section 01330 SUBMITTAL PROCEDURES for Government office identifier designations. The importance of an item in the project should be one of the primary factors in determining if a submittal for the item should be required.
\*\*\*\*\*

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. The following shall be submitted in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-01 Preconstruction Submittals

Dive Operations Plan; G|RO

Refer to paragraphs DIVE PLAN, DIVING OPERATIONS, and DIVE OPERATIONS below.

SD-07 Certificates

Dive Personnel Qualifications; G|RO

Qualifications, and training certificates of dive personnel.

## 1.6 DIVE PLAN

Dive plan shall address all requirements of Section CONTRACT DIVING OPERATIONS of EM 385-1-1. See paragraph DIVE OPERATIONS below. An approved Dive Plan and Safe Practices Manual is required on all projects with work on, or over water; see paragraph DIVING OPERATIONS below.

### 1.6.1 Dive Plan Reviewer

Dive Plans shall be submitted by Contractor to Contracting Officer in accordance with Section 01 33 00 SUBMITTAL PROCEDURES. Dive Operations Plans are "District Office (DO)" secondary reviewed by Jacksonville District Diving Coordinator or his Alternate.

Dive Coordinator: Mr. Bruce Tappmeyer  
W 904-232-3835, Fax 904-232-1590  
Bruce.A.Tappmeyer@usace.army.mil

Alternate Dive Coordinator: Mr. Jim Vecchitto  
W 904-232-3808, Fax 904-232-2147  
James.J.Vecchitto@usace.army.mil.

When a transmittal with a Dive Plan submittal item is delivered to Resident Engineer, send a copy directly to:

Delivery Address:  
U.S. Army Corps of Engineers - Jacksonville District  
ATTN: CESAJ-CD-Q (Mr. Tappmeyer)  
701 San Marco Blvd  
Jacksonville, FL 32207-8175

Mailing Address is PO Box 4970

U.S. Army Corps of Engineers - Jacksonville District  
ATTN: CESAJ-CD-Q (Mr. Tappmeyer)  
PO Box 4970  
Jacksonville, FL 32232-0019

## 1.7 MEETINGS

### 1.7.1 Phase Meetings

Each Dive shall be treated as a "definable feature of work" in accordance with accepted Quality Control Plan. Perform a Preparatory and Initial Phase meeting for all Dives.

PART 2 PRODUCTS (NOT APPLICABLE)

PART 3 EXECUTION

### 3.1 EMERGENCY MEDICAL TREATMENT

Arrange with local authorities for emergency dive medical response, treatment and evacuation to medical facility and nearest hyperbaric chamber. Provide map with route directions to nearest hospital and hyperbaric chamber in diveplan Emergency Management Plan required by EM 385-1-1.

3.2 DIVING OPERATIONS

\*\*\*\*\*  
**NOTE: Include paragraph in all contracts where work  
is on, or over water.**  
\*\*\*\*\*

Submit a Dive Operations Plan when work is performed on or over water. No matter if a dive is actually planned or only required as a contingency (i.e., most dredging projects) submit a Diving Operations Plan for Contracting Officer's approval. Dive Operations Plan shall cover all requirements in Section CONTRACT DIVING OPERATIONS of EM 385-1-1. Dive Operations Plan consists of a "Safe Practices Manual" describing Contractor's diving program and a "Dive Plan" describing site specific information of proposed dive or contingency dive. Safe Practices Manual, Dive Plan and revisions shall have cover sheets signed and dated by Contractor. When diving is subcontracted, cover sheets shall also be signed and dated by diving contractor's principal or authorized representative.

3.2.1 Dive Operations Execution

Execute dives in accordance with approved Dive Operations Plan submittal; Section CONTRACT DIVING OPERATIONS of EM 385-1-1. Contractor shall submit completed daily dive logs at the end of each dive day. Daily dive logs shall be faxed to District Dive Coordinator 904-232-1590 or his authorized representative. Contractor shall use COE form ENG 4615 and ENG 4616 to record daily diving activities. Dive forms may be downloaded from Jacksonville Construction-Operations web site at:  
[http://www.saj.usace.army.mil/Divisions/Construction/programs\\_UnderwaterDive.htm](http://www.saj.usace.army.mil/Divisions/Construction/programs_UnderwaterDive.htm).  
-- End of Section --