

DEPARTMENT OF THE ARMY
U.S. Army Corps of Engineers
Washington, DC 20314-1000

EM 1110-2-1003
Change 1

CECW-EE / CECW-OD

Manual
No. 1110-2-1003

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**Engineering and Design
HYDROGRAPHIC SURVEYING**

1. This Change 1 to EM 1110-2-1003, 1 January 2002, provides updated guidance in Chapter 11 on the use of acoustic multibeam technology for dredging measurement and payment surveys.
2. Substitute the attached chapters as shown below:

Remove Pages

i - x

11-1 thru 11-33

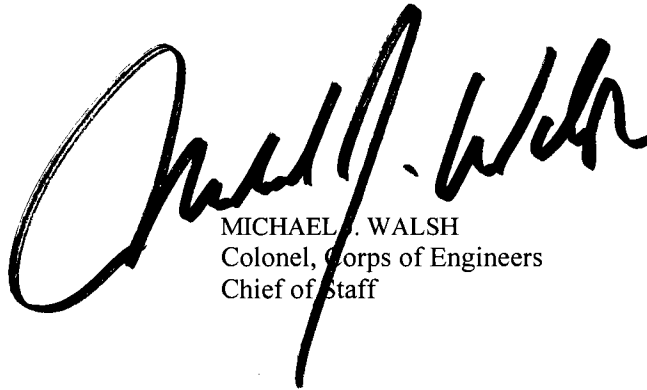
Insert Pages

i - x

11-1 thru 11-44

3. File this change sheet in front of the publication for reference purposes.

FOR THE COMMANDER:



MICHAEL J. WALSH
Colonel, Corps of Engineers
Chief of Staff