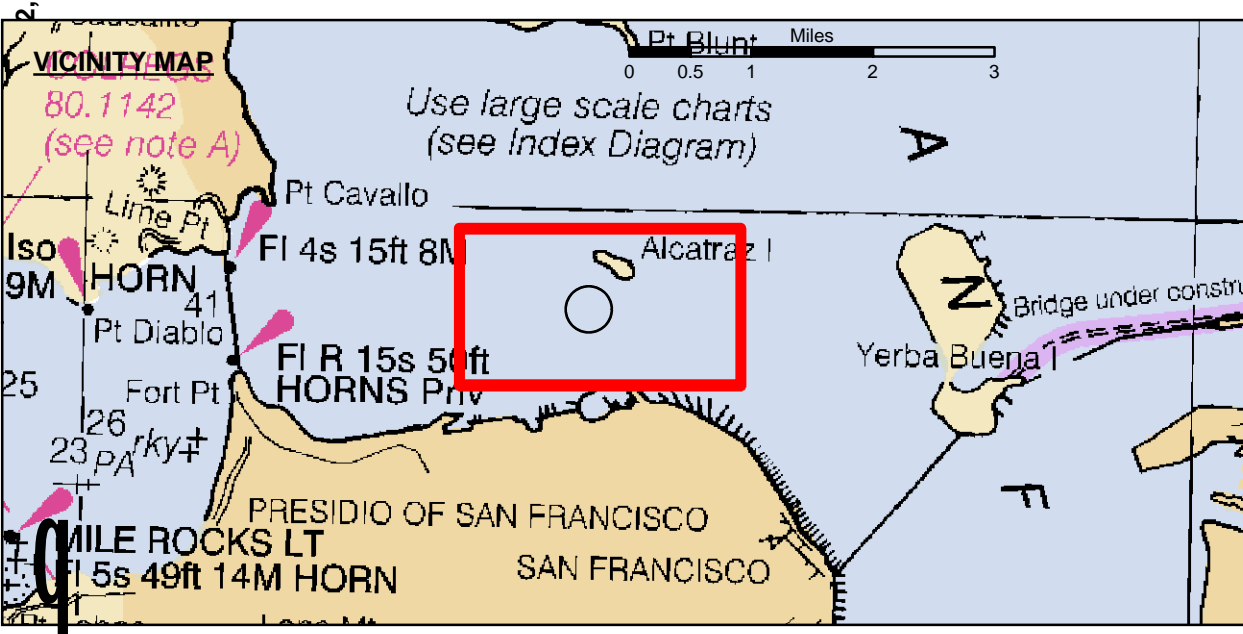


US Army Corps of Engineers
 San Francisco District
 1455 Market Street
 San Francisco, CA 94103

DISCLAIMER
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Prepared Under the Direction of JOHN C. MORROW LT Colonel, C.E. District Engineer	Surveyed By: _____	Chart Date: Dec 01, 2016
Subject: Hydro Survey Team Leader	Plotted By: PDT	Designed by: _____
Recommended: Chief, Hydro Survey Section	Checked By: PDT	Drawn by: _____
Approved: Chief, Construction Branch		PDT

LAMBERT COORDINATES		
POINT	X	Y
U.S.G.S. MON. 57 ELEV. - 14.00	6,005,367	2,123,290
TRANSAMERICA BUILDING	6,011,912	2,117,586
ALCATRAZ DISPOSAL SITE - (SF-11)		
1,000 FT. RADIUS	6,005,935	2,127,235
ALCATRAZ LIGHT	6,006,552	2,129,010
ALCATRAZ BUOY	6,006,367	2,127,186



Federal Navigation Channel	Beacon, General	Contour Lines
Shoaling Area	Obstruction Point	Every 10'
Placement Area	Navigation Buoy	-20' to -120'
Anchorage Area	Navigation Buoy	
Wreck Area	Shoalest Sounding*	
Submerged Wreck		
Zone_III_Angle_Points		

NOTES:
 HORIZONTAL COORDINATE SYSTEM: NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CALIFORNIA ZONE III. DISTANCE UNITS IN U.S. SURVEY FEET.
 VERTICAL DATUM: SOUNDINGS ARE SHOWN IN FEET AND INDICATE DEPTHS BELOW MEAN LOWER LOW WATER.
 THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY CONDUCTED ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED TO REPRESENT THE GENERAL CONDITION EXISTING AT THAT TIME.
 BASE MAPS ARE USDA NAIP 2010.
 *SHOALEST SOUNDING PER QUARTER PER REACH

DRAWING NOT TO BE USED FOR NAVIGATION. ONLY CHANNEL CONDITION AT DATE OF SURVEY. THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD. BUOY LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY. SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY.
 SURVEYED BY THE CORPS OF ENGINEERS.
 THE PROJECT DEPTH IS -40 FEET AT MLLW.
 PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, NAD 83, ZONE III CALIFORNIA AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.
 HORIZONTAL GPS CONTROL: COAST GUARD D-BEACON
 VERTICAL CONTROL: BENCHMARK: 180 1936
 PID: HT0702
 MLLW = 3.972m(13.03ft)
 NOAA STATION 9414280
 TIDE GAUGE LOCATION: SAN FRANCISCO

CALIFORNIA
ALCATRAZ DISPOSAL SITE-SF11
 CONDITION SURVEY
 22 NOVEMBER 2016

Sheet Reference Number
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