

**PRELIMINARY ISSUE**  
THIS PLAN ISSUED FOR  
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FLOOD →  
← EBB

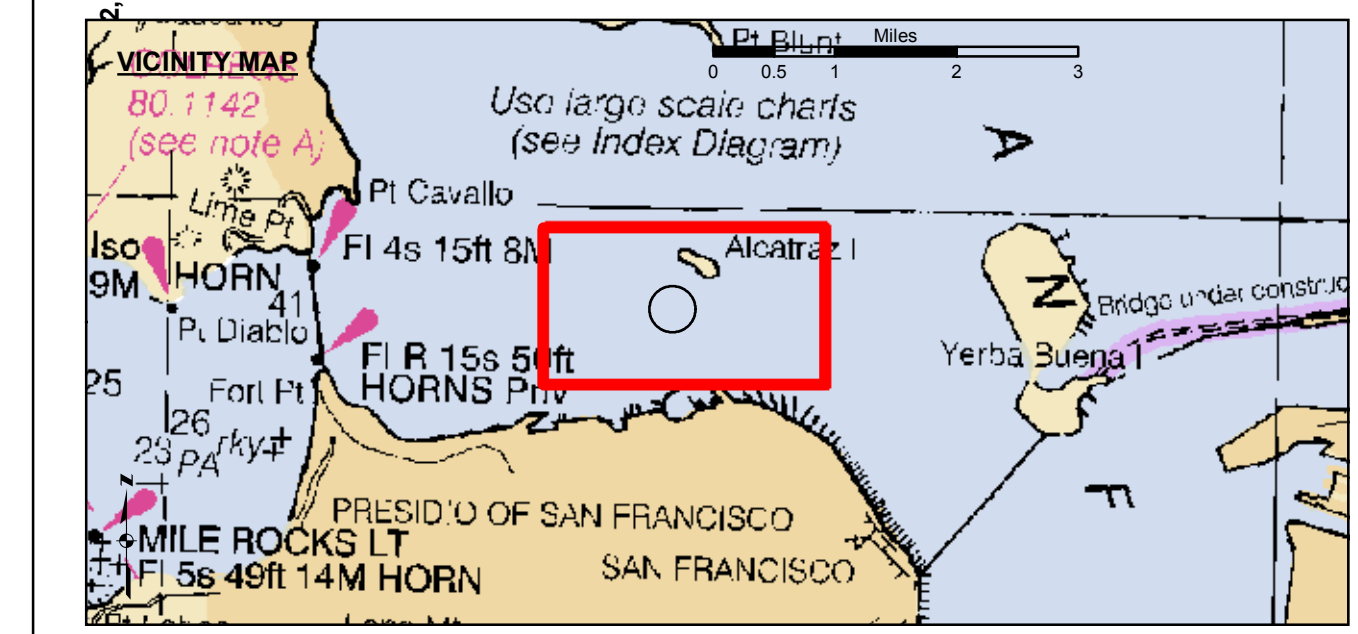
San  
Francisco

| 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 |

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

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| Prepared Under the Direction of             | Chart Date      |
|---|-----------------|
| JOHN C. MORROW                              | Aug 07, 2014    |
| LT COLONEL, C.E. DISTRICT ENGINEER          |                 |
| Submittal: Hydro Survey Team Leader         | Plotted By: PDT |
| Recommendation: Chief, Hydro Survey Section | Checked By: PDT |
| Approved: Chief, Construction Branch        | Drawn by: PDT   |



- Federal Navigation Channel
- Shoaling Area
- Placement Area
- Anchorage Area
- Wreck Area
- Submerged Wreck
- Zone\_III\_Angle\_Points
- Beacon, General
- Obstruction Point
- Navigation Buoy
- Navigation Buoy
- Shoalest Sounding\*
- Contours**  
-20' TO -120'

**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 WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT. SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY. NAVD 88.  
SURVEYED BY THE CORPS OF ENGINEERS.  
THE PROJECT DEPTH IS -35 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 "5059 C" (1978) USC&GS DISK, ELEV. 34.75 MLLW, NAVD 88 DATUM  
TIDE GAUGE LOCATED AT POINT PINOLE PIER  
BENCHMARK "2218 L" (1976) USC&GS DISK, ELEV. 11.00 MLLW, NAVD 88 DATUM  
TIDE GAUGE LOCATED AT MARE ISLAND PIER 35.

CALIFORNIA  
SAN PABLO BAY  
**ALCATRAZ DISPOSAL SITE-SF-11**  
CONDITION SURVEY  
05 AUGUST 2014  
**Sheet Reference Number 1 of 1**