



PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

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|--|----------------------------|--|--------------------|----------------------|--|----|
| | Federal Navigation Channel | | Beacon, General | Contour Lines | | 51 |
| | Shoaling Area | | Obstruction Point | | | 52 |
| | Placement Area | | Navigation Buoy | | | 54 |
| | Anchorage Area | | Navigation Buoy | | | 55 |
| | Wreck Area | | Shoalest Sounding* | | | |
| | Submerged Wreck | | | | | |
| | Angle Point | | | | | |

NOTES:
HORIZONTAL COORDINATE SYSTEM:
NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CALIFORNIA ZONE III, 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.
*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.
INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME SURVEYED BY THE CORPS OF ENGINEERS.
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.
PLANE GRID, BEARING AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE III NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY NATIONAL OCEAN SURVEY.
THE PROJECT DEPTH IS 55 FEET AT M.L.L.W. SOUNDINGS ARE BASED ON THE TIDE GAUGE LOCATED AT THE HYDE STREET PIER, SAN FRANCISCO, CALIFORNIA.
VERTICAL CONTROL:
BENCHMARK "Q-481" USC&GS DISK ELEV. 19.54 FT MLLW.
HORIZONTAL CONTROL:
COAST GUARD D-BEACON.

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

DISCLAIMER
The United States Government furnishes this information as a service to the public. It is not intended to be used for navigation. The user is responsible for the accuracy of the data for other than its intended purpose. The user is responsible for the accuracy of the data for other than its intended purpose. The user is responsible for the accuracy of the data for other than its intended purpose.

Chart Date:	May 20, 2015
Surveyed By:	JOHN C. MORROW
Plotted By:	PDT
Designed by:	PDT
Checked By:	PDT
Drawn by:	PDT

CALIFORNIA
SAN FRANCISCO BAY
SAN FRANCISCO DISTRICT ENGINEER
JOHN C. MORROW
Hydro Survey Team Leader
PDT
Chief, Hydro Survey Section
PDT
Chief, Construction Branch
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Sheet
Reference
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