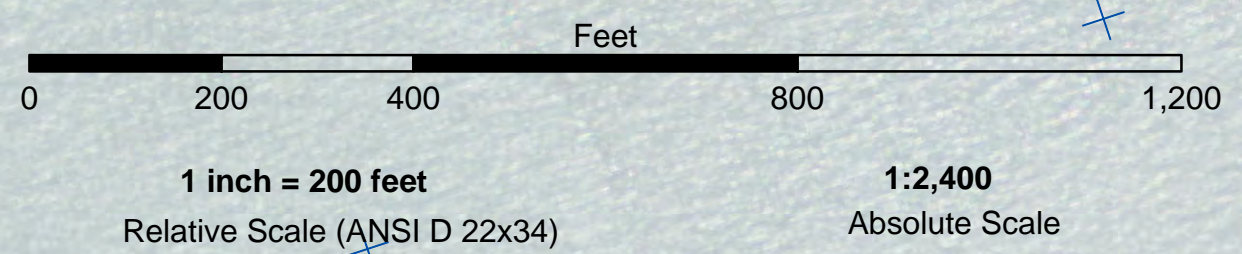


NAD 83 CENTERLINE ANGLE POINTS		
PT	X	Y
C1	6021958.65	2103914.82
C2	6020630.00	2101066.50
C3	6020354.08	2100223.06
C4	6021030.11	2098794.95
C5	6022016.50	2097553.00
C6	6023710.78	2096749.92

NAD 83 CHANNEL ANGLE POINTS		
PT	X	Y
01	6021730.30	2104021.63
02	6020315.00	2100996.00
03	6019609.66	2100404.62
04	6021657.00	2097397.00
05	6023590.57	2096492.83
06	6023831.00	2097007.00
07	6022376.00	2097709.00
08	6021252.00	2098946.00
09	6020945.00	2101137.00
10	6022187.00	2103808.00



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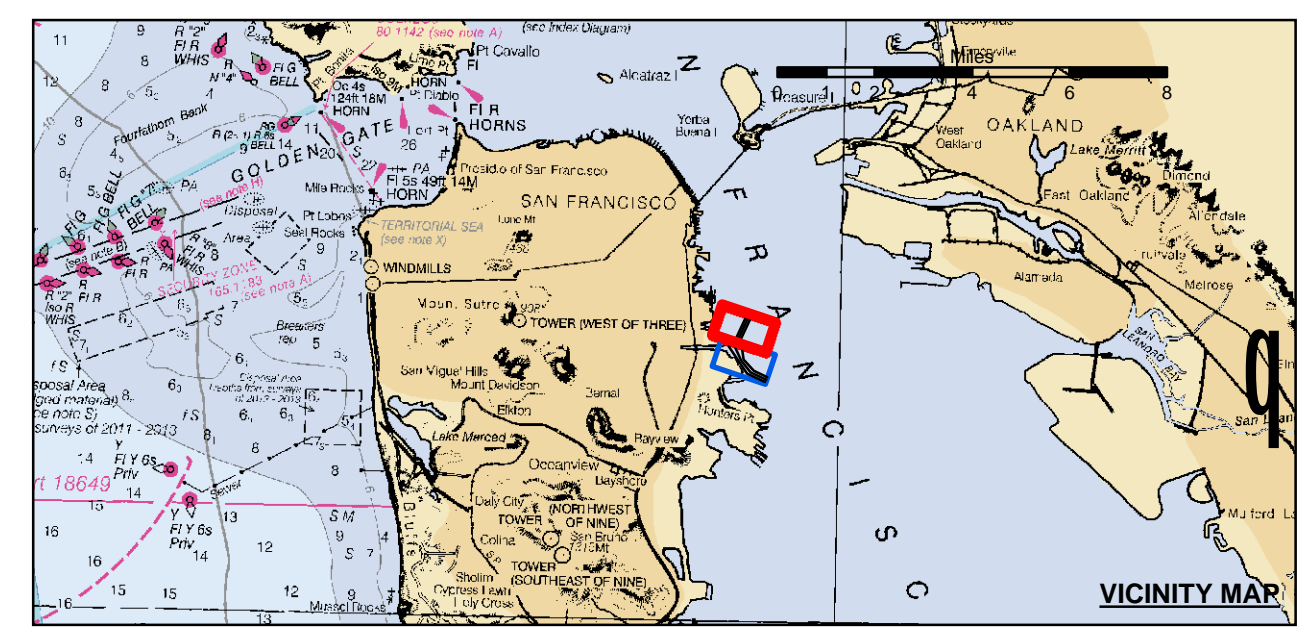
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of any of the application of the data for other than its intended purpose.

Chart Date:	May 18, 2016
Designed by:	PDT
Drawn by:	PDT
Checked by:	PDT
Approved:	Chief, Construction Branch

CALIFORNIA
ISLAIS CREEK
CONDITION SURVEY
12 May 2016

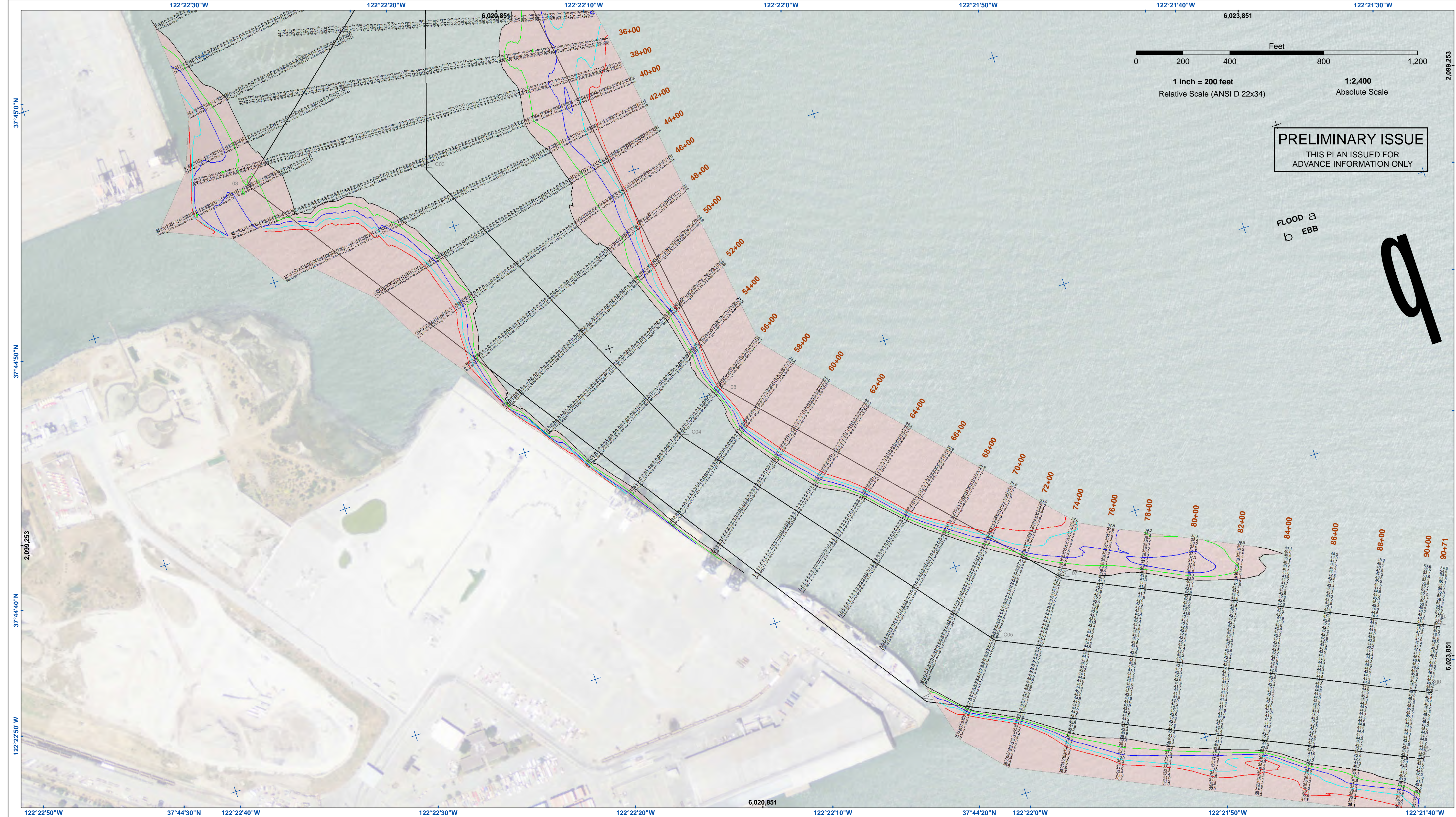


Federal Navigation Channel	Beacon, General	Contours
Shoaling Area	Obstruction Point	-40
Placement Area	Navigation Buoy	-39
Anchorage Area	Navigation Buoy	-38
Wreck Area	Navigation Buoy	-37
Submerged Wreck	Shoalest Sounding*	-36
Angle Point		

NOTES:
HORIZONTAL COORDINATE SYSTEM:
THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON
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.
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. 253, PUBLISHED BY NATIONAL
OCEAN SURVEY.
*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.
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.
BASE MAPS ARE USDA NAIP 2010.
THE PROJECT DEPTH IS 40 FEET AT M.L.L.W. SOUNDINGS ARE BASED ON THE TIDE GAUGE
LOCATED AT THE HYDE STREET PIER, SAN FRANCISCO, CALIFORNIA.
VERTICAL CONTROL:
BM 4 1941*
PID: HT0616
MLW = 4.796M (15.735 FT)
NOAA STATION 941 4368
TIDE GAUGE LOCATION: ISLAIS CREEK, PIER 80
HORIZONTAL CONTROL:
COAST GUARD DGPS BEACON

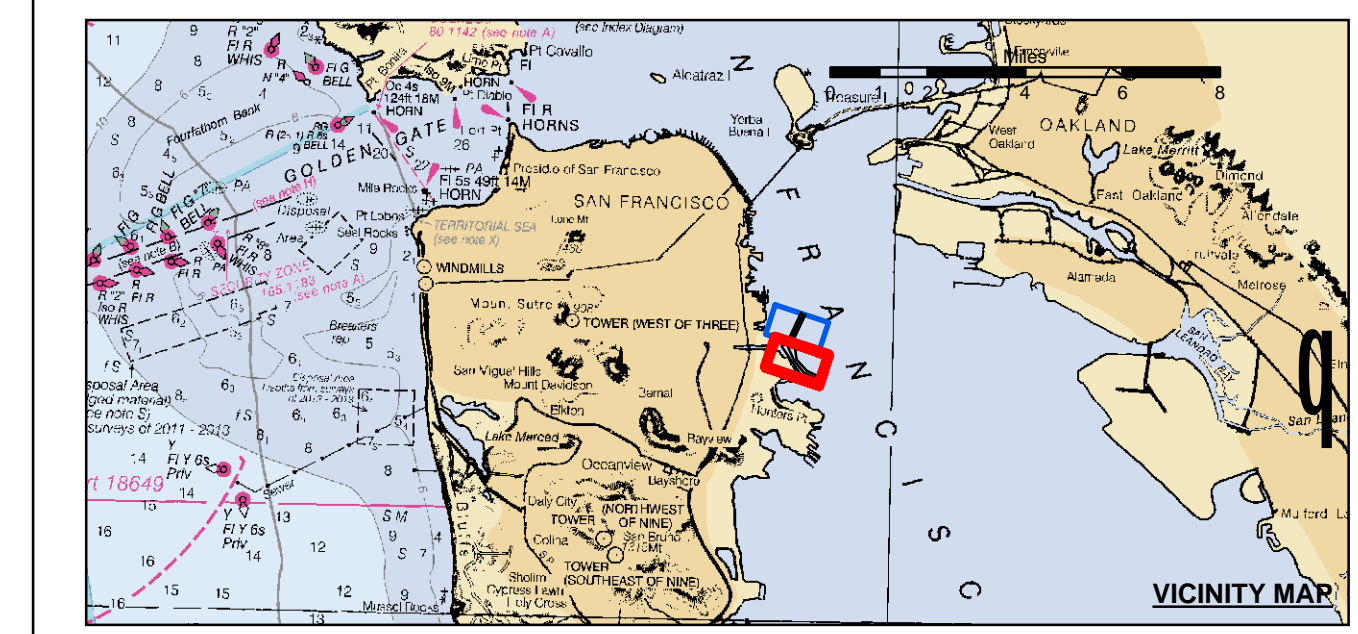
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1 of 2



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9



	Federal Navigation Channel		Beacon, General	Contours	
	Shoaling Area		Obstruction Point		
	Placement Area		Navigation Buoy		
	Anchorage Area		Navigation Buoy		
	Wreck Area		Shoalest Sounding*		
	Submerged Wreck				-40
	Angle Point				-39
					-38
					-37
					-36

NOTES:
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BASE MAPS ARE USDA NAIP 2010.
THE PROJECT DEPTH IS 40 FEET AT M.L.L.W. SOUNDINGS ARE BASED ON THE TIDE GAUGE LOCATED AT THE HYDE STREET PIER, SAN FRANCISCO, CALIFORNIA.
VERTICAL CONTROL:
BM 4 19411
PID: HT0616
MLLW = 4.796M (15.735 FT)
NOAA STATION 941 4368
TIDE GAUGE LOCATION: ISLAIS CREEK, PIER 80
HORIZONTAL CONTROL:
COAST GUARD DGPS BEACON

US Army Corps of Engineers
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Chart Date:	May 18, 2016
Designed by:	PDT
Plotted by:	PDT
Checked by:	PDT
Drawn by:	PDT
Approved:	Chief, Construction Branch
Prepared Under the Direction of:	LT COLONEL C.E. MORROW
Submitted:	Hydro Survey Team Leader
Recommended:	Chief, Hydro Survey Section
Approved:	Chief, Construction Branch

CALIFORNIA
ISLAIS CREEK
CONDITION SURVEY
12 May 2016

Sheet Reference Number
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