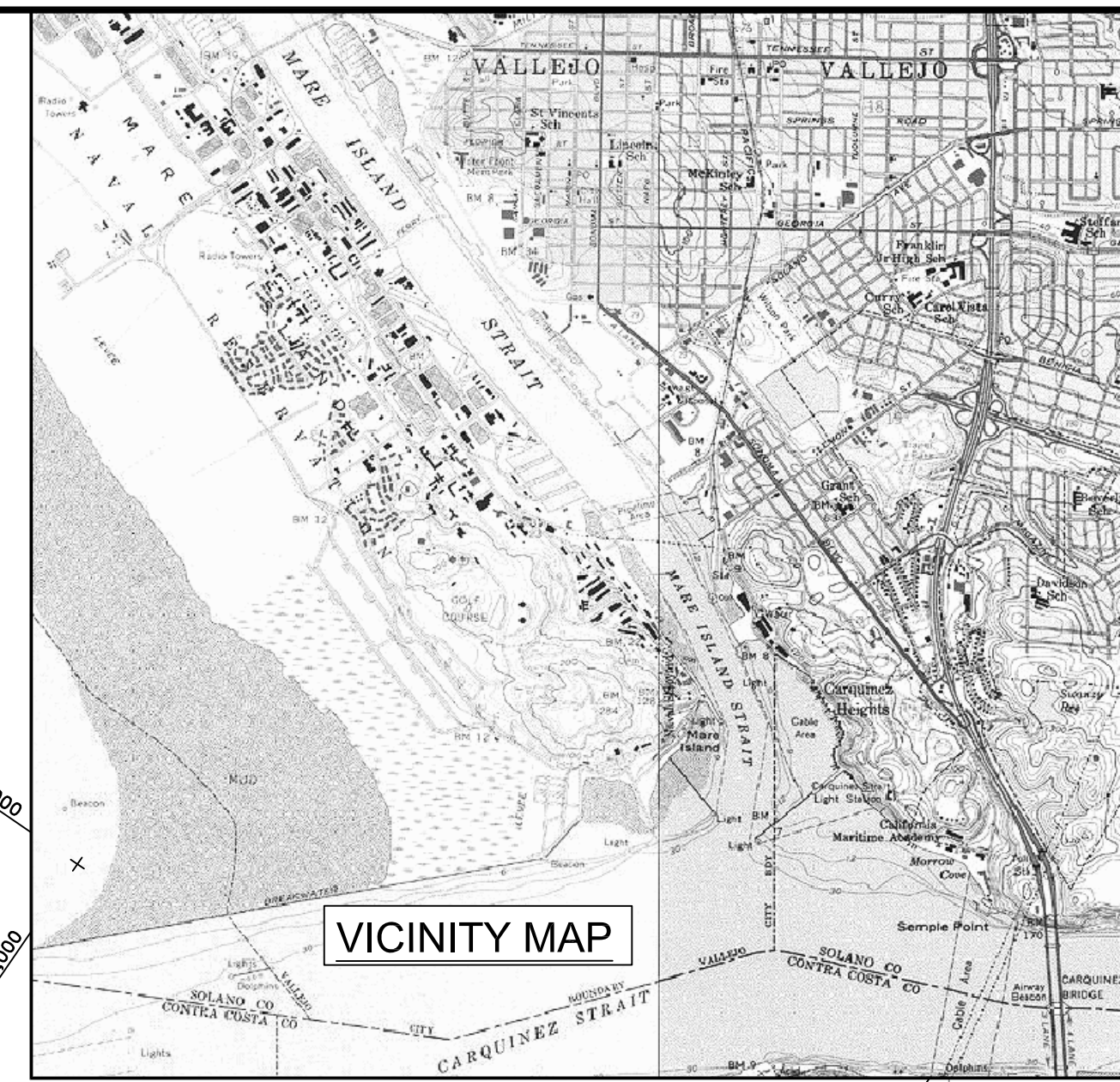


PRELIMINARY ISSUE  
THIS PLAN ISSUED FOR  
ADVANCE INFORMATION ONLY



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

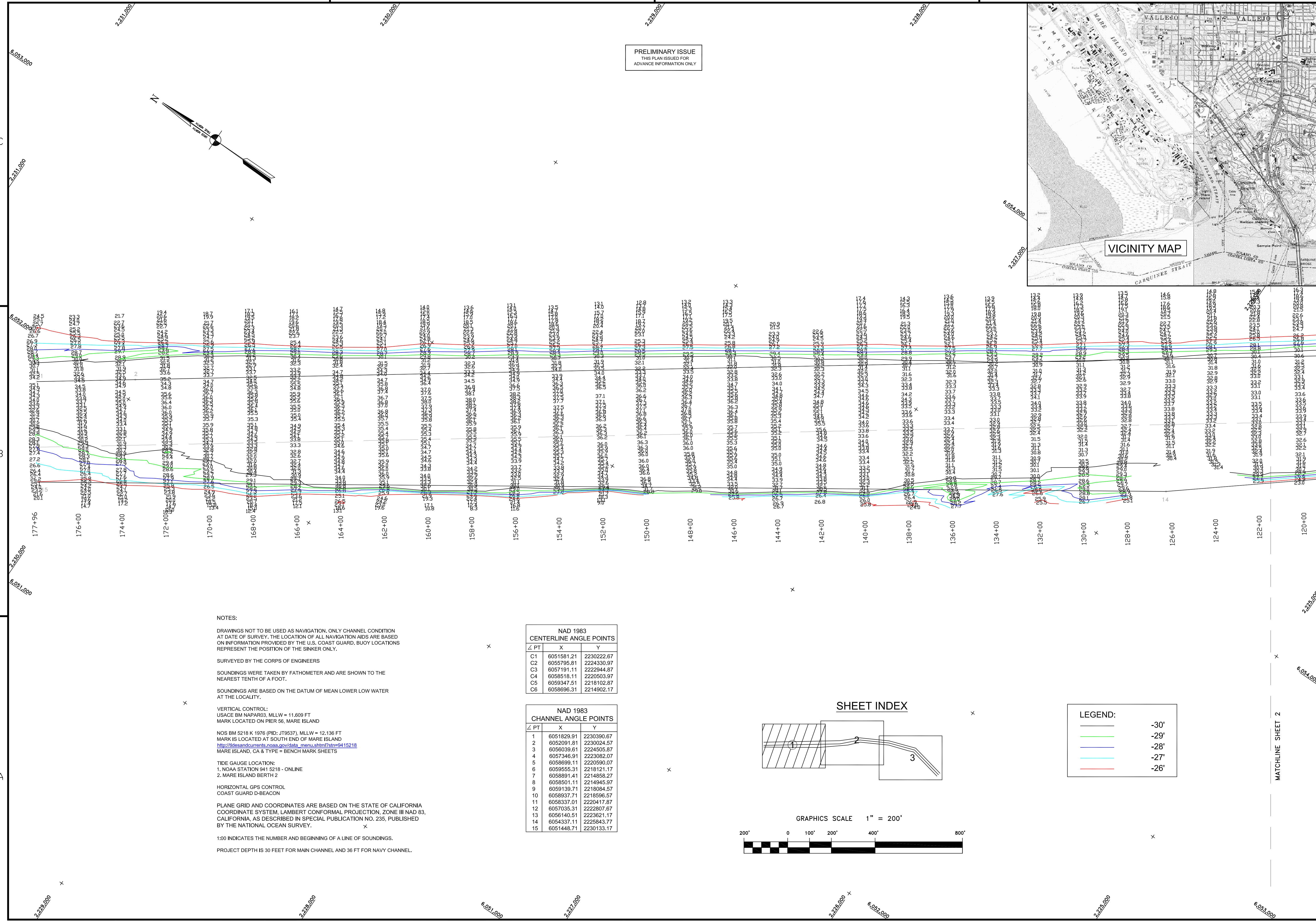
Mark	Description	Date	Appr.

SUBMITTED:	PDT	DESIGNED BY:	CHECKED BY:	DRAWN BY:	PDT
	Hydra Survey Team Leader				
APPROVAL RECOMMENDED:	SHEET NO.	DATE:	10/04/2012	1 OF 3	X XXX
	Chief, Geomatics Section	PREPARED UNDER THE DIRECTION OF:	JOHN K. BAKER		
APPROVED:			LT. COLONEL, C.E., DISTRICT ENGINEER		

MARIN COUNTY  
CALIFORNIA  
MARE ISLAND STRAIT  
CONDITION SURVEY  
02 OCTOBER 2012

Sheet  
reference  
number

C1



NOTES:

DRAWINGS NOT TO BE USED AS 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.

VERTICAL CONTROL:  
USACE BM NAPAR03, MLLW = 11.609 FT  
MARK LOCATED ON PIER 56, MARE ISLAND

NOS BM 5218 K 1976 (PID: JT9537), MLLW = 12.136 FT  
MARK IS LOCATED AT SOUTH END OF MARE ISLAND  
[http://hlsanddocuments.noaa.gov/data\\_menus/shim7ath=9415218](http://hlsanddocuments.noaa.gov/data_menus/shim7ath=9415218)  
MARE ISLAND, CA & TYPE = BENCH MARK SHEETS

TIDE GAUGE LOCATION:  
1. NOAA STATION 941 5218 - ONLINE  
2. MARE ISLAND BERTH 2

HORIZONTAL GPS CONTROL  
COAST GUARD D-BEACON

PLANE GRID 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 THE NATIONAL OCEAN SURVEY.

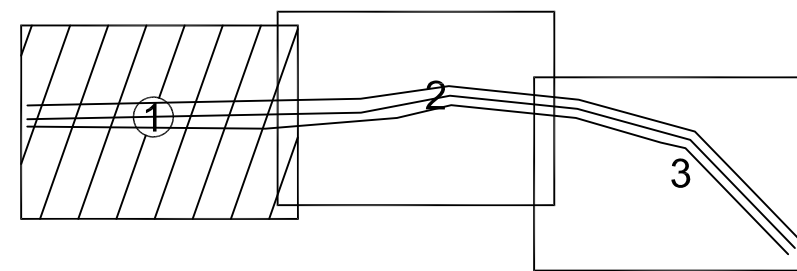
1:00 INDICATES THE NUMBER AND BEGINNING OF A LINE OF SOUNDINGS.

PROJECT DEPTH IS 30 FEET FOR MAIN CHANNEL AND 36 FT FOR NAVY CHANNEL.

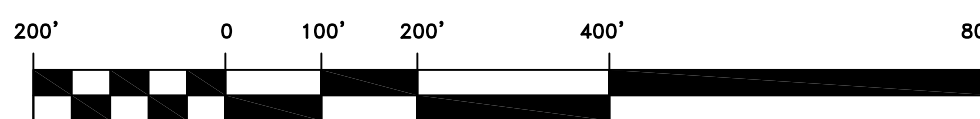
LINE PT	X	Y
C1	6051581.21	2230222.67
C2	6055795.81	2224330.97
C3	6057191.11	2222944.87
C4	6058518.11	2220503.97
C5	6059947.51	2218102.87
C6	6058696.31	2214902.17

LINE PT	X	Y
1	6051829.91	2230390.67
2	6052091.81	2230024.57
3	6056039.61	2224505.87
4	6057346.91	2223082.07
5	6058699.11	2220590.07
6	6059555.31	2218121.17
7	6058891.41	2214858.27
8	6058501.11	2214945.97
9	6059139.71	2218084.57
10	6058937.71	2218596.57
11	6058337.01	2220417.87
12	6057035.31	2222807.67
13	6056140.51	2223621.17
14	6054337.11	2225843.77
15	6051448.71	2230133.17

SHEET INDEX



GRAPHICS SCALE 1" = 200'



Green line	-30'
Blue line	-29'
Cyan line	-28'
Light blue line	-27'
Red line	-26'

MATCHLINE SHEET 2