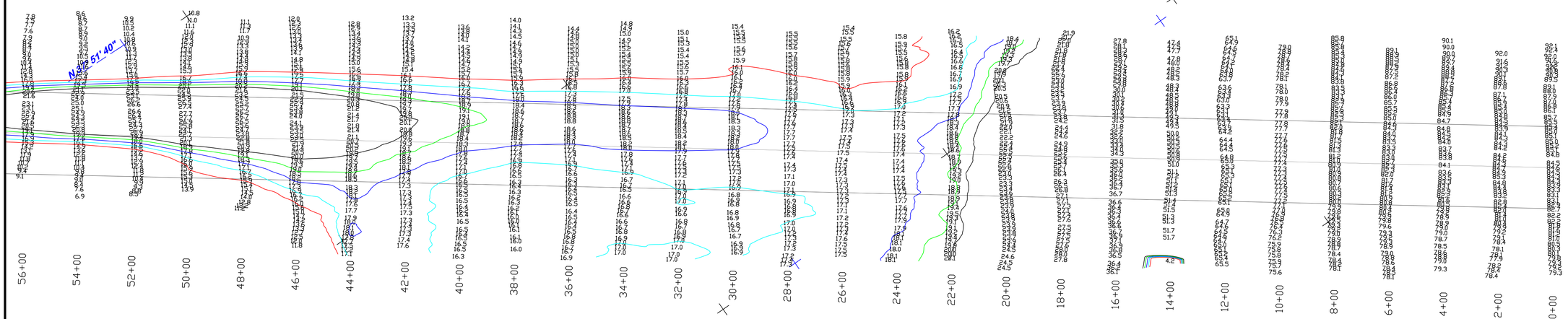
NAD 83 CHANNEL ANGLE POINTS		
∠ PT	X	Y
1	5994707.39	2138568.09
2	5988054.39	2143415.09
3	5986782.39	2143390.09
4	5985527.39	2144770.09
5	5994884.09	2138810.59
6	5985848.89	2145393.09

NAD 83 CENTERLINE ANGLE POINTS		
∠ PT	X	Y
C1	5994795.69	2138689.29
C2	5985768.59	2145266.09

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY



NOTES:

DRAWING 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 ARE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST FOOT AND TENTHS OF A FOOT.

SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY. NAVD 1988.

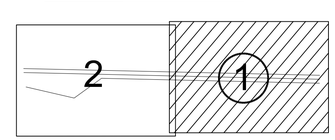
PLANE GRID AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE III NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

INFORMATION DEPICTED ON THIS MAP REPRESENT THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXTING AT THAT TIME.

PROJECT DEPTH IS 20 AT M.L.L.W.

SOUNDINGS ARE BASED ON THE TIDE GAUGE.

SHEET INDEX



GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 400' 800'

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

Mark	Description	Date	Appr.

SUBMITTED: PDT
Hydro. Survey Team Leader
APPROVAL RECOMMENDED:
Chief, Geomatics Section
APPROVED:
Chief, Construction Branch

DESIGNED BY: PDT
DATE: 12/18/2012
SHEET NO. 1 OF 3
CHECKED BY: PDT
DRAWING NO. 133
DRAWN BY: PDT
2

PREPARED UNDER THE DIRECTION OF
JOHN K. BAKER
LT. COLONEL, C.E., DISTRICT ENGINEER

MARIN COUNTY CALIFORNIA

MARINSHIP CHANNEL (RICHARDSON BAY)

CONDITION SURVEY
18 DECEMBER 2012

Sheet reference number
C1