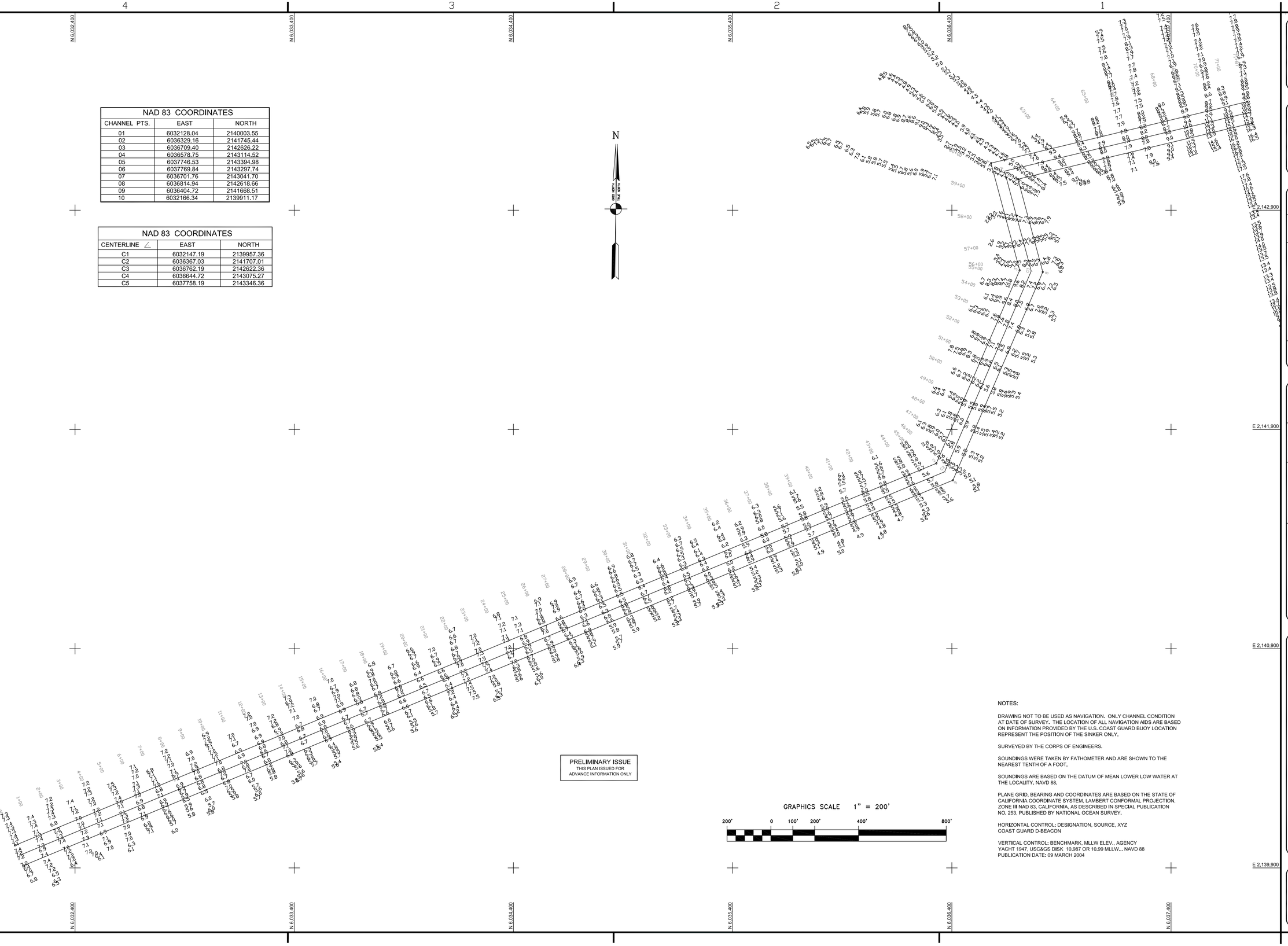
NAD 83 COORDINATES		
CHANNEL PTS.	EAST	NORTH
01	6032128.04	2140003.55
02	6036329.16	2141745.44
03	6036709.40	2142626.22
04	6036578.75	2143114.52
05	6037746.53	2143394.98
06	6037769.84	2143297.74
07	6036701.76	2143041.70
08	6036814.94	2142618.66
09	6036404.72	2141668.51
10	6032166.34	2139911.17

NAD 83 COORDINATES		
CENTERLINE ∠	EAST	NORTH
C1	6032147.19	2139957.36
C2	6036367.03	2141707.01
C3	6036762.19	2142622.36
C4	6036644.72	2143075.27
C5	6037758.19	2143346.36



PRELIMINARY ISSUE
THIS PLAN ISSUED FOR ADVANCE INFORMATION ONLY

GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 400' 800'

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 LOCATION 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, 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. 253, PUBLISHED BY NATIONAL OCEAN SURVEY.

HORIZONTAL CONTROL: DESIGNATION, SOURCE, XYZ
COAST GUARD D-BEACON

VERTICAL CONTROL: BENCHMARK, MLLW ELEV., AGENCY
YACHT 1947, USC&GS DISK 10,987 OR 10,99 MLLW.., NAVD 88
PUBLICATION DATE: 09 MARCH 2004

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

Mark	Description	Date	Appr.

SUBMITTED:	DESIGNED BY:	CHECKED BY:	DRAWN BY:
PDT	PDT	PDT	PDT
Hydro Survey Team Leader	DATE:	SHEET NO.	DRAWING NO.
APPROVAL RECOMMENDED:	7/12/2011	1 OF 1	7 2 xxx
Chief, Technical Support Section	PREPARED UNDER THE DIRECTION OF		
APPROVED:	TORREY A. DICIRO		
Chief, Construction Branch	LT. COLONEL, C.E., DISTRICT ENGINEER		

CALIFORNIA

ALAMEDA COUNTY

BERKELEY MARINA
CONDITION SURVEY
11 JULY 2011

Sheet reference number

G1