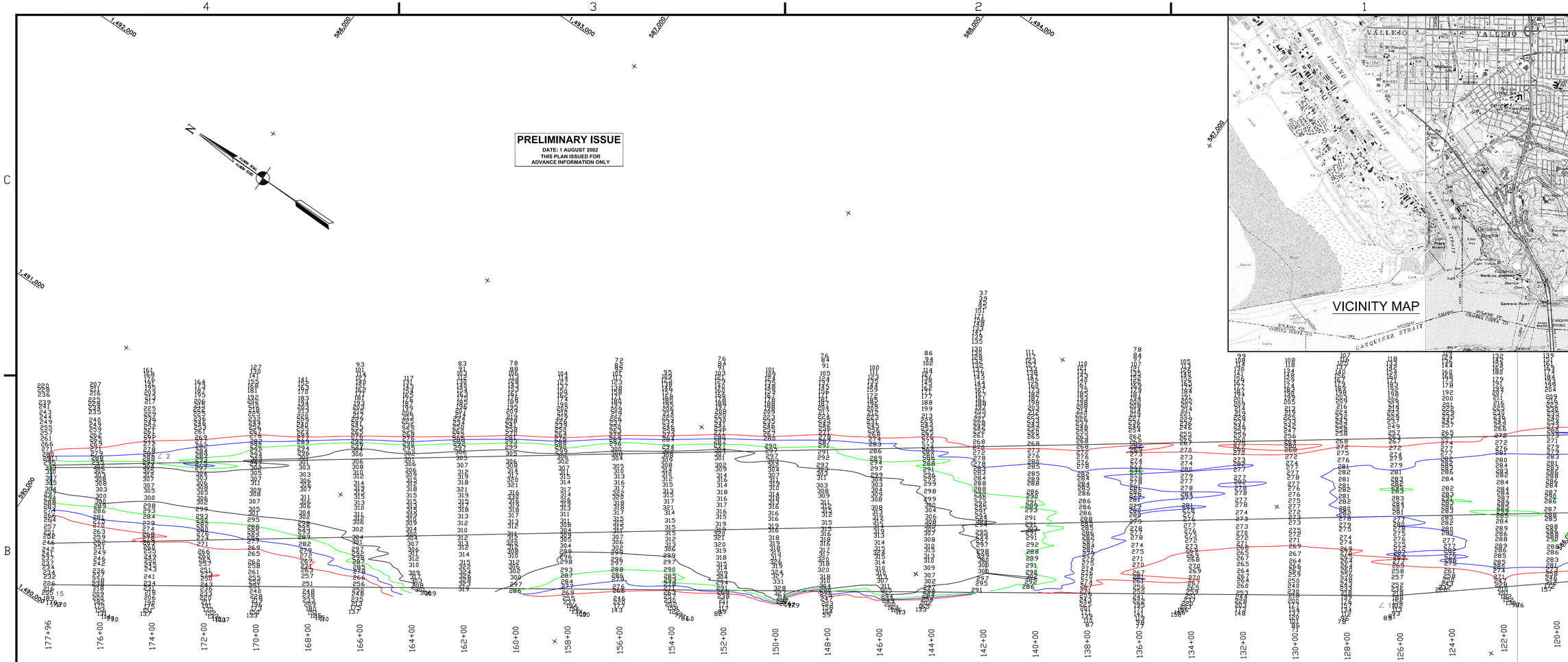
PRELIMINARY ISSUE
DATE: 1 AUGUST 2002
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY



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. NGVD 1929

VERTICAL CONTROL
BENCHMARK "TIDAL 7" 1936 ELEV. 15.93 FT MLLW.
BENCHMARK "TIDAL 5" 1936 ELEV. 14.03 FT MLLW.
TIDE GAUGE LOCATED AT SPERRY FLOUR PLANT DOCK AND MON. GROTTO.

HORIZONTAL GPS CONTROL
COAST GUARD D-BEACON

PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION,
ZONE III, 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.

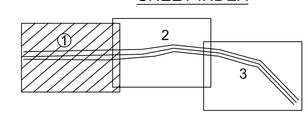
NAD 1927
CENTERLINE ANGLE POINTS

∠ PT	X	Y
C1	1490213.50	589816.10
C2	1494428.10	583924.40
C3	1495823.40	582538.30
C4	1497150.40	580097.40
C5	1497979.80	577696.30
C6	1497328.60	574495.60

NAD 1927
CHANNEL ANGLE POINTS

∠ PT	X	Y
1	1490462.20	589984.10
2	1490724.10	589618.00
3	1494671.90	584099.30
4	1495979.20	582675.50
5	1497331.40	580183.50
6	1498187.60	577714.60
7	1497523.70	574451.70
8	1497133.40	574539.40
9	1497772.00	577678.00
10	1497570.00	578190.00
11	1496969.30	580011.30
12	1495667.60	582401.10
13	1494772.80	583214.60
14	1492969.40	585437.20
15	1490081.00	589726.60

SHEET INDEX



GRAPHICS SCALE 1" = 200'

200' 0 100' 200' 400' 800'

US Army Corps of Engineers
San Francisco District
333 Market Street
San Francisco, CA 94105

Mark	Description	Date	Appr.

DESIGNED BY:		CHECKED BY: PC	DRAWN BY: EWC
DATE: 08/07/2002	SHEET NO. 1 OF 3	DRAWING NO. 51	2	422
APPROVAL RECOMMENDED: Chief, Engineering Branch	PREPARED UNDER THE DIRECTION OF MICHAEL McCORMICK LT. COLONEL, C.E., DISTRICT ENGINEER		
SUBMITTED:	APPROVED: Chief, Engineering & Technical Services Div.		

MARIN COUNTY CALIFORNIA

MARE ISLAND STRAIT
CONDITION SURVEY
31 JULY & 1 AUGUST 2002

Sheet reference number
C1