CHANNEL WIDTHS	
∠	WIDTHS
BB – CC	
	325'
AA – BB	325'
F – C	200'
	200'
E – H	
	200'
D – I	
	200'
C – J	
	200'
K – B	
	200'
M – A	

NAD 83
CHANNEL ANGLE POINTS

∠ PT	X	Y
A	5954155.570	2525599.900
B	5955075.700	2525237.900
C	5954570.550	2526177.370
D	5954129.410	2526320.050
E	5954100.910	2526002.910
F	5954172.410	2525553.050
G	5954372.350	2525553.050
H	5954302.320	2525949.410
I	5954130.390	2526163.010
J	5954130.870	2526207.950
K	5954172.330	2526142.330
L	5955003.500	2525817.350
M	5954204.410	2525535.820
N	5955215.770	2525557.000
O	5955015.570	2525877.330
AA	5954170.540	2524176.310
BB	5954335.540	2524024.900
CC	5954353.950	2523325.720
DD	5954034.050	2523317.750

PRELIMINARY ISSUE
THIS PLAN IS SUBJECT TO
ADVANCE, IN-STREAM, CONCERN

NOTES:

SURVEYED BY SACRAMENTO DISTRICT.

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.

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.

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.

REFERENCE BENCH MARK IS N.O.S. TIDAL BM 6 RESET 1950 WHICH IS A STANDARD BRASS DISK SET IN CONCRETE AT THE NE. END OF CITIZENS DOCK, ELEV. 13.29 FT. MLLW.

DATE OF PHOTOGRAPHY: OCTOBER 1997

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: 3/22/2004	SHEET NO. 1 OF 1	DRAWING NO. 8 2 92

PREPARED UNDER THE DIRECTION OF
MICHAEL McCORMICK
LT. COLONEL, C.E., DISTRICT ENGINEER

SUBMITTED: TVW
Hydro. Survey Section
APPROVAL RECOMMENDED:
Chief, Engineering Branch
APPROVAL:
Chief, Engineering & Technical Services Div.

CALIFORNIA

DEL NORTE COUNTY

CRESCENT CITY
CONDITION SURVEY
20, 23 & 26 FEBRUARY 2004

Sheet reference number
C1