CHANNEL WIDTHS	
∠	WIDTHS
DD – CC	
	320'
AA – BB	320'
	300'
F – G	200'
	200'
E – H	
	200'
D – I	
	200'
C – J	
	200'
K – B	
	300'
M – A	

NAD 83
CHANNEL ANGLE POINTS

∠ PT	X	Y
A	5965456.540	2525699.900
B	5965075.790	2526287.400
C	5964510.660	2526417.870
D	5964291.440	2526320.060
E	5964100.940	2526002.910
F	5964112.140	2525553.060
G	5964312.140	2525553.060
H	5964302.920	2525949.440
I	5964430.390	2526163.010
J	5964530.870	2526207.950
K	5964811.880	2526142.530
L	5965003.600	2525847.350
M	5965204.740	2525536.820
N	5965246.710	2525561.000
O	5965045.570	2525871.530
AA	5964016.640	2524016.940
BB	5964336.540	2524024.900
CC	5964353.960	2523325.120
DD	5964034.060	2523317.150

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, 27–28 MARCH 2009.

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.

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

HORIZONTAL CONTROL:
DESIGNATION, SOURCE, XYZ

VERTICAL CONTROL:
BENCHMARK, MLLW ELEV., AGENCY.
B.M. TIDAL 20 1959 RESET 1960, USC&GS DISK, 13.46' MLLW.
NAVD 88 DATUM

TIDE GAGE LOCATION: TEMPORARY TIDE GAGE SOUTH SIDE CITIZENS DOCK

DATE OF PHOTOGRAPHY: OCTOBER 1997

GRID NORTH
TRUE NORTH

STA 22+33
END ENTRANCE CHANNEL
BEGIN INNER HARBOR BASIN

STA 0+00
BEGIN PROJECT
BEGIN ENTRANCE CHANNEL

STA 42+75
END INNER HARBOR BASIN

Proposed Access

CITIZEN'S DOCK

Green 11
Day Marker

Red 10
Day Marker

11+45
11+20
10+55
10+06
C of E Disc
4+99
C of E Disc
4+75
2+50
0+00

CALIBRATION PT. #1
E 5,965,464.00
N 2,524,714.47

WHALER ISLAND

E 5,965,838.54
N 2,524,696.90

E 5,966,085.31
N 2,525,073.21

DISPOSAL SITE

E 5,966,273.80
N 2,524,831.33

E 5,965,907.57
N 2,524,685.28

GRAPHICS SCALE 1" = 200'
200' 0' 100' 200' 400' 800'

Project Site

OREGON
CRESCENT CITY
DEL NORTE
SISKIYOU
CRESCENT CITY
U.S. 101
PACIFIC OCEAN
EUREKA
HUMBOLDT
TRINITY

VICINITY MAP
NOT TO SCALE

CRESCENT CITY
PACIFIC OCEAN
NORTH AMERICAN 83 DATUM

W 124° 11' 00"
W 124° 10' 50"
W 124° 11' 40"
W 124° 11' 30"
W 124° 11' 20"
N 41° 44' 30"
N 41° 44' 10"
N 41° 44' 20"
N 41° 44' 50"

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

Mark	Description	Date	Appr.

DESIGNED BY:	CHECKED BY:	DRAWN BY:
	TVW	EWC
DATE:	SHEET NO.	DRAWING NO.
4/01/2009	1 OF 1	8 2 97

PREPARED UNDER THE DIRECTION OF
LAURENCE M. FARRELL
LT. COLONEL, C.E., DISTRICT ENGINEER

SUBMITTED:
Hydro. Survey Team Leader

APPROVAL RECOMMENDED:
Chief, Technical Support Section

APPROVAL:
Chief, Construction Branch

CALIFORNIA

CRESCENT CITY
CONDITION SURVEY
27–28 MARCH 2009

DEL NORTE COUNTY

Sheet reference number
C1