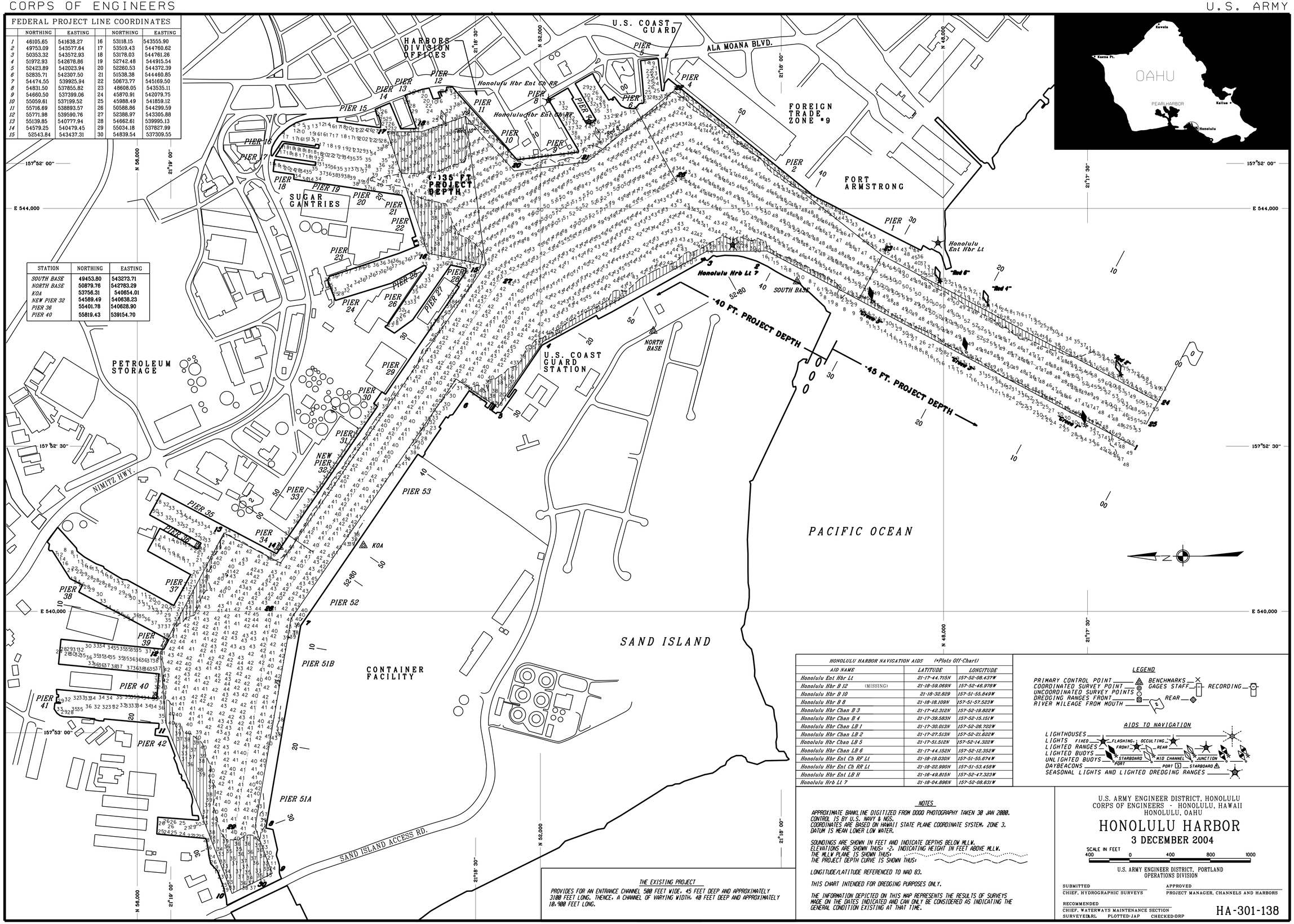
CORPS OF ENGINEERS U.S. ARMY



FEDERAL PROJECT LINE COORDINATES

	NORTHING	EASTING		NORTHING	EASTING
1	46105.65	541638.27	16	53118.15	543555.90
2	49753.09	543577.64	17	53519.43	544760.62
3	50353.32	543572.93	18	53178.03	544761.26
4	51972.93	542678.86	19	52742.48	544915.54
5	52423.89	542023.94	20	52260.53	544372.39
6	52835.71	542307.50	21	51538.38	544460.85
7	54474.55	539925.94	22	50673.77	545169.50
8	54831.50	537855.82	23	48608.05	543535.11
9	54660.50	537399.06	24	45870.91	542079.75
10	55059.61	537199.52	25	45988.49	541859.12
11	55716.69	538893.57	26	50588.86	544299.59
12	55771.98	539590.76	27	52388.97	543305.88
13	55139.85	540777.94	28	54662.61	539995.13
14	54579.25	540479.45	29	55034.18	537827.99
15	52543.84	543437.31	30	54839.54	537309.55

STATION	NORTHING	EASTING
SOUTH BASE	49453.80	543273.71
NORTH BASE	50879.76	542783.29
KOA	53756.31	540654.01
NEW PIER 32	54589.49	540638.23
PIER 36	55401.78	540628.90
PIER 40	55819.43	539154.70

HONOLULU HARBOR NAVIGATION AIDS (*Plots Off-Chart)		
AID NAME	LATITUDE	LONGITUDE
Honolulu Ent Hbr Lt	21-17-44.715N	157-52-08.437W
Honolulu Hbr B 12 (MISSING)	21-18-59.069N	157-52-46.979W
Honolulu Hbr B 10	21-18-32.829	157-51-55.849W
Honolulu Hbr B 8	21-18-18.109N	157-51-57.523W
Honolulu Hbr Chan B 3	21-17-42.312N	157-52-19.822W
Honolulu Hbr Chan B 4	21-17-39.583N	157-52-15.151W
Honolulu Hbr Chan LB 1	21-17-30.013N	157-52-26.722W
Honolulu Hbr Chan LB 2	21-17-27.513N	157-52-21.622W
Honolulu Hbr Chan LB 5	21-17-51.512N	157-52-14.322W
Honolulu Hbr Chan LB 6	21-17-44.152N	157-52-12.352W
Honolulu Hbr Ent Ch RF Lt	21-18-19.030N	157-51-55.674W
Honolulu Hbr Ent Ch RR Lt	21-18-22.990N	157-51-53.458W
Honolulu Hbr Ent LB H	21-16-49.815N	157-52-47.323W
Honolulu Hrb Lt 7	21-18-04.896N	157-52-08.631W

LEGEND

PRIMARY CONTROL POINT
COORDINATED SURVEY POINT
UNCOORDINATED SURVEY POINTS
DREDGING RANGES FRONT
RIVER MILEAGE FROM MOUTH
BENCHMARKS
GAGES STAFF
RECORDING
REAR

AIDS TO NAVIGATION

LIGHTHOUSES
LIGHTS FIXED FLASHING OCCULTING
LIGHTED RANGES FRONT REAR
LIGHTED BUOYS STARBOARD MID CHANNEL JUNCTION
UNLIGHTED BUOYS PORT
DAYBEACONS PORT STARBOARD
SEASONAL LIGHTS AND LIGHTED DREDGING RANGES

NOTES

APPROXIMATE BANKLINE DIGITIZED FROM DOQQ PHOTOGRAPHY TAKEN 30 JAN 2000. CONTROL IS BY U.S. NAVY & NGS. COORDINATES ARE BASED ON HAWAII STATE PLANE COORDINATE SYSTEM, ZONE 3. DATUM IS MEAN LOWER LOW WATER.

SOUNDINGS ARE SHOWN IN FEET AND INDICATE DEPTHS BELOW MLLW. ELEVATIONS ARE SHOWN THUS: +2, INDICATING HEIGHT IN FEET ABOVE MLLW. THE MLLW PLANE IS SHOWN THUS: THE PROJECT DEPTH CURVE IS SHOWN THUS:

LONGITUDE/LATITUDE REFERENCED TO NAD 83.

THIS CHART INTENDED FOR DREDGING PURPOSES ONLY.

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

THE EXISTING PROJECT

PROVIDES FOR AN ENTRANCE CHANNEL 500 FEET WIDE, 45 FEET DEEP AND APPROXIMATELY 3100 FEET LONG. THENCE, A CHANNEL OF VARYING WIDTH, 40 FEET DEEP AND APPROXIMATELY 10,900 FEET LONG.

U.S. ARMY ENGINEER DISTRICT, HONOLULU
CORPS OF ENGINEERS - HONOLULU, HAWAII
HONOLULU, OAHU

HONOLULU HARBOR

3 DECEMBER 2004

SCALE IN FEET
400 0 400 800 1000

U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION

SUBMITTED
CHIEF, HYDROGRAPHIC SURVEYS

APPROVED
PROJECT MANAGER, CHANNELS AND HARBORS

RECOMMENDED
CHIEF, WATERWAYS MAINTENANCE SECTION

SURVEYED:DRL PLOTTED:JAP CHECKED:DRP

HA-301-138

Honolulu Hbr - HA-301-138.dgn 5/5/2005 11:39:37 AM