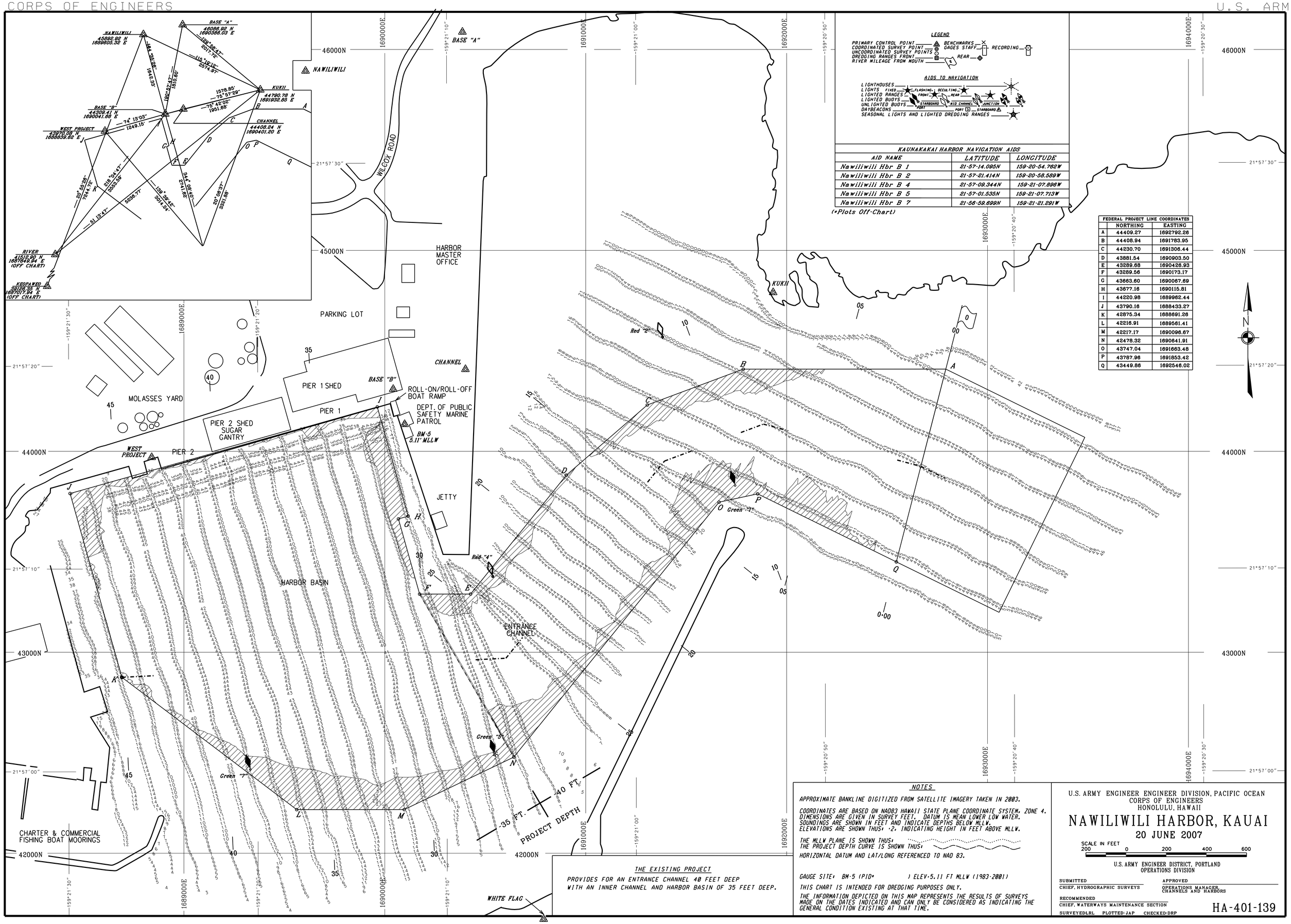

LEGEND

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 PORT MID CHANNEL JUNCTION
UNLIGHTED BUOYS PORT STARBOARD
DAYBEACONS PORT STARBOARD
SEASONAL LIGHTS AND LIGHTED DREDGING RANGES

KAUNAKAKAI HARBOR NAVIGATION AIDS

AID NAME	LATITUDE	LONGITUDE
Nawiliwili Hbr B 1	21-57-14.095N	159-20-54.762W
Nawiliwili Hbr B 2	21-57-21.414N	159-20-58.589W
Nawiliwili Hbr B 4	21-57-09.344N	159-21-07.896W
Nawiliwili Hbr B 5	21-57-01.535N	159-21-07.713W
Nawiliwili Hbr B 7	21-56-59.699N	159-21-21.291W

(*Plots Off-Chart)

FEDERAL PROJECT LINE COORDINATES

	NORTHING	EASTING
A	44409.27	1692792.26
B	44408.94	1691783.95
C	44230.70	1691306.44
D	43881.54	1690903.50
E	43289.68	1690426.93
F	43289.56	1690173.17
G	43663.60	1690067.69
H	43677.16	1690115.81
I	44220.98	1689962.44
J	43790.16	1688433.27
K	42875.34	1688691.26
L	42216.91	1689561.41
M	42217.17	1690096.67
N	42478.32	1690641.91
O	43747.04	1691663.48
P	43787.96	1691853.42
Q	43449.86	1692546.02

THE EXISTING PROJECT

PROVIDES FOR AN ENTRANCE CHANNEL 40 FEET DEEP WITH AN INNER CHANNEL AND HARBOR BASIN OF 35 FEET DEEP.

NOTES

APPROXIMATE BANKLINE DIGITIZED FROM SATELLITE IMAGERY TAKEN IN 2003.

COORDINATES ARE BASED ON NAD83 HAWAII STATE PLANE COORDINATE SYSTEM, ZONE 4. DIMENSIONS ARE GIVEN IN SURVEY FEET. 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:

HORIZONTAL DATUM AND LAT/LONG REFERENCED TO NAD 83.

GAUGE SITE: BM-5 (PID:) ELEV-5.11 FT MLLW (1983-2001)

THIS CHART IS 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.

U.S. ARMY ENGINEER ENGINEER DIVISION, PACIFIC OCEAN
CORPS OF ENGINEERS
HONOLULU, HAWAII

NAWILIWILI HARBOR, KAUAI

20 JUNE 2007

SCALE IN FEET
200 0 200 400 600

U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION

SUBMITTED
CHIEF, HYDROGRAPHIC SURVEYS

APPROVED
OPERATIONS MANAGER
CHANNELS AND HARBORS

RECOMMENDED
CHIEF, WATERWAYS MAINTENANCE SECTION

SURVEYED:RL PLOTTED:JAP CHECKED:DRP

HA-401-139