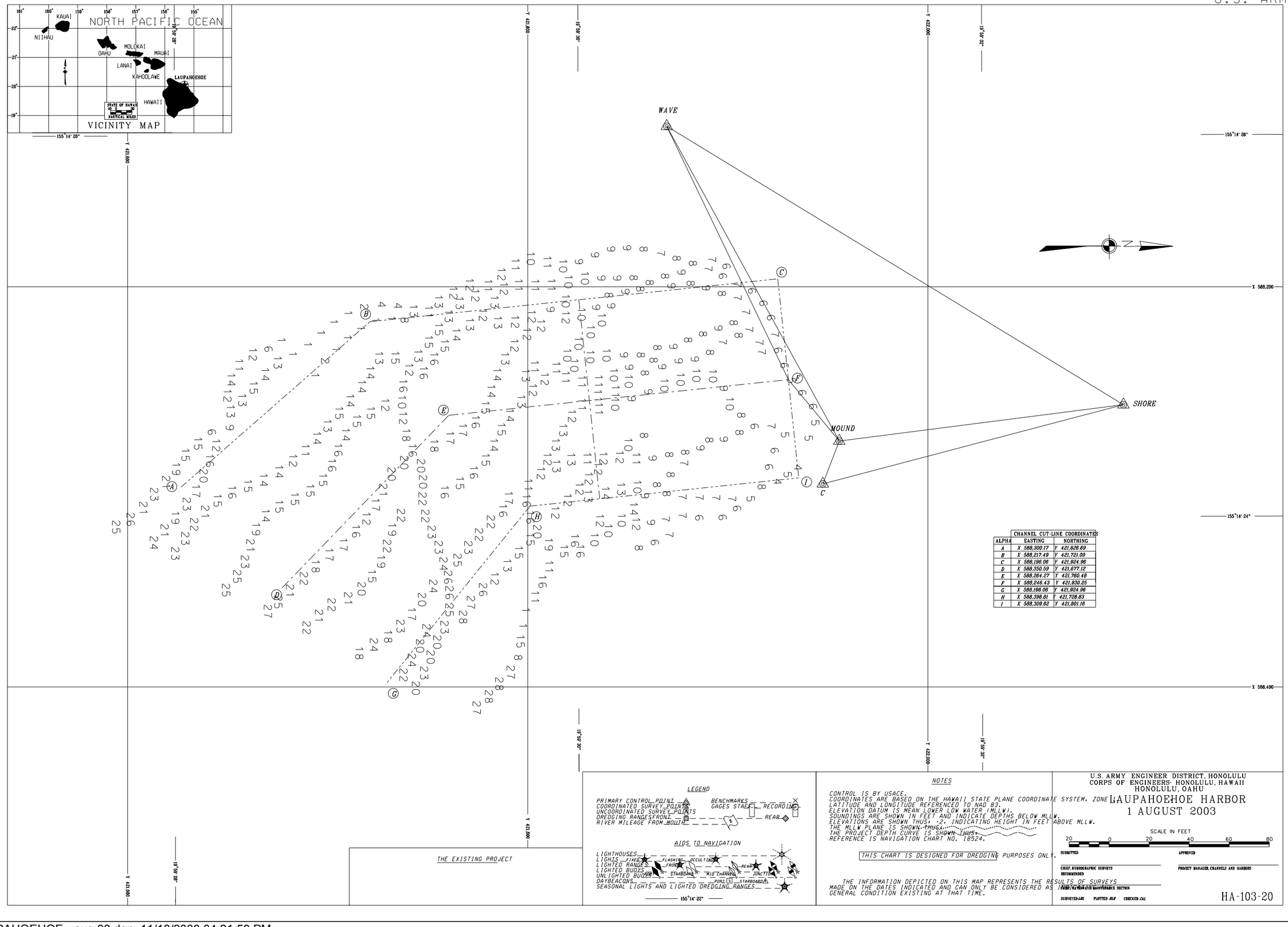
CORPS OF ENGINEERS

U.S. ARMY



CHANNEL CUT-LINE COORDINATES		
ALPHA	EASTING	NORTHING
A	X 588,300.17	Y 421,626.69
B	X 588,217.49	Y 421,721.09
C	X 588,196.06	Y 421,924.96
D	X 588,350.59	Y 421,677.12
E	X 588,264.27	Y 421,760.48
F	X 588,246.43	Y 421,930.25
G	X 588,196.06	Y 421,924.96
H	X 588,398.81	Y 421,728.83
I	X 588,309.62	Y 421,801.16

LEGEND

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

AIDS TO NAVIGATION

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

NOTES

CONTROL IS BY USACE.
COORDINATES ARE BASED ON THE HAWAII STATE PLANE COORDINATE SYSTEM, ZONE
LATITUDE AND LONGITUDE REFERENCED TO NAD 83.
ELEVATION DATUM IS MEAN LOWER LOW WATER (MLLW).
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:
REFERENCE IS NAVIGATION CHART NO. 18524.

THIS CHART IS DESIGNED 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 INDICATIVE OF THE GENERAL CONDITION EXISTING AT THAT TIME.

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

LAUPAHOEHOE HARBOR
1 AUGUST 2003

SCALE IN FEET
20 0 20 40 60 80

SUBMITTED
APPROVED
CHIEF, HYDROGRAPHIC SURVEYS
RECOMMENDED
PROJECT MANAGER, CHANNELS AND HARBORS
CHIEF, NAVIGATION AND MAINTENANCE SECTION
SURVEYED-LRL PLOTTED-RLP CHECKED-CAL

HA-103-20

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