



**DISCLAIMER:**  
Survey control points were collected in the field in March 2010 by USACE. The data is currently being processed by NGS. After the data has been processed, the coordinates and elevation values for each control point will be published in the NSRS.

SURVEY CONTROL			
	N	E	MLLW (FT)
PTMON	303,468.48	1,460,399.80	
PIMON	303,392.30	1,459,916.18	
LOLOLO	303,880.92	1,459,241.44	9.5
NALU MIKI	304,112.29	1,459,448.97	9.1
NUNUKI	303,741.02	1,461,242.80	20.6

FEDERAL PROJECT LIMIT COORDINATES		
	N	E
POINT 1	303,769.28	1,458,603.98
POINT 2	304,075.02	1,459,236.92
POINT 3	304,029.01	1,459,401.16
POINT 4	303,881.52	1,459,495.41
POINT 5	303,993.68	1,460,207.57
POINT 6	303,875.14	1,460,226.28
POINT 7	303,743.98	1,459,393.43
POINT 8	303,891.41	1,459,299.21
POINT 9	303,920.94	1,459,193.82
POINT 10	303,661.22	1,458,656.18

CHANNEL CENTERLINE		
	N	E
STA. 0+00	303,715.25	1,458,630.08
STA. 6+50	303,997.98	1,459,215.37
STA. 7+90	303,960.21	1,459,350.18
STA. 9+65	303,812.75	1,459,444.42
POINT A	303,958.21	1,460,368.04

**NOTES:**  
THE APPROXIMATE SHORLINE WAS DIGITIZED FROM DOQQ AERIAL PHOTOGRAPHY TAKEN ON 8 APRIL 2000. LAND FEATURES WERE TRANSCRIBED FROM AS-BUILT PLANS TITLED "HONOKOHAU BOAT HARBOR IMPROVEMENTS" FILED AT THE STATE OF HAWAII DEPARTMENT OF TRANSPORTATION (HARBORS DIVISION). DEPTHS TAKEN FROM HYDROGRAPHIC CONDITION SURVEY BY PORTLAND DISTRICT ON 23 MAY 2010. COORDINATES BASED ON NAD 83 HARN (1993), HAWAII STATE PLANE COORDINATE SYSTEM, ZONE 1. DIMENSIONS ARE GIVEN IN U.S. SURVEY FEET. VERTICAL DATUM IS MEAN LOWER LOW WATER (MLLW). THE LOCAL TIDAL DATUM IS REFERENCED TO THE MOST RECENT EPOCH (1983-2001). TIDAL OBSERVATIONS TAKEN FROM KAWAHAE HARBOR (NWLON: 161 7433). DIMENSIONS ARE GIVEN IN U.S. SURVEY FEET.

SOUNDINGS ARE SHOWN IN FEET AND INDICATE DEPTHS BELOW MLLW, 1983-2001 EPOCH. 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 IS REFERENCED TO NAD 83 HARN (1993).

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 DISTRICT, PORTLAND OPERATIONS DIVISION

**HONOKOHAU HARBOR**  
28 AUGUST 2010

SCALE: 1"=50'  
50 25 0 50 100

U.S. ARMY ENGINEER DISTRICT, PORTLAND OPERATIONS DIVISION

SUBMITTED: CHIEF, HYDROGRAPHIC SURVEYS  
RECOMMENDED: CHIEF, WATERWAYS MAINTENANCE SECTION  
SURVEYED: PLOTTED: CHECKED:

APPROVED: OPERATIONS MANAGER, CHANNELS AND HARBORS

DESIGNED BY	CHECKED BY	DATE	DESCRIPTION

HONOKOHAU HARBOR  
2010 SURVEY

SHEET IDENTIFICATION  
**C-1**  
SHEET 1 OF 1