THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES

HAWAII

ISLAND OF O'AHU

HONOLULU HARBOR

Mercator Projection
Scale 1:5,000 at Lat. 21°18'

World Geodetic System 1984
(North American Datum of 1983)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

TIDAL INFORMATION

PLACE		Height referred to datum of soundings (MLLW)			
NAME	LAT/LONG	Mean Higher High Water	Mean High Water	Mean Low Water	Mean Low Water
Honolulu	21°18'N/157°52'W	feet 1.9	feet 1.4	feet 0.2	

Dashes (---) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the internet from http://tidesandcurrents.noaa.gov.

LLM 2012

ABBREVIATIONS: (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mic morse code	R TR radio tower
Al alternating	Iso isophase	N nun	Rot rotating
Bl black	Int interrupted quick	OBSC obscured	s seconds
Bn beacon	LtHo lighthouse	Occ occulting	Sec sector
C can	M nautical miles	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHS whistle
		Rc Bn radiobeacon	Y yellow

Bottom characteristics:

Blds boulders	Co coral	gy gray	Oys oysters	so soft	
bk broken	G gravel	h hard	Rk rock	Sh shells	
Cy clay	Grs grass	M mud	S sand	sy sticky	

Miscellaneous:

AUTH authorized	Obstn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	

21 Wreck, rock, obstruction, or shoal sweep clear to the depth indicated.
20 Rocks that cover and uncover, with heights in feet above datum of soundings.

Additional information can be obtained at nauticalcharts.noaa.gov.

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 7 for important supplemental information.

CAUTION
Mariners are urged to exercise extreme caution when transiting inshore waters due to changes caused by the hurricane of November 1982.

NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

O'ahu	KBA-99	162.550 MHz
Hawaii	KBA-99	162.550 MHz
Maui	KBA-99	162.400 MHz
Kaua'i	KBA-99	162.400 MHz

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

CAUTION
Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
(Accurate location) o (Approximate location)

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS
Radar Reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

NOTE D
Submerged submarine operations are conducted at various times in the waters contained on this chart. Proceed with caution.

CAUTION
SUBMARINE PIPELINES AND CABLES
Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:
Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging or trawling.
Covered wells may be marked by lighted or unlighted buoys.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 7. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 14th Coast Guard District in Honolulu, Hawaii or at the Office of the District Engineer, Corps of Engineers in Honolulu, Hawaii.
Refer to charted regulation section numbers.

NOTE B
Mariners are cautioned not to anchor within 600 yards of sewer line.

HORIZONTAL DATUM
The horizontal reference datum of this chart is World Geodetic system 1984 (WGS 84), which for charting purposes is considered equivalent to the North American Datum of 1983 (NAD 83). Geographic positions referred to the Old Hawaiian Datum must be corrected an average of 11.395" southward and 9.972" eastward to agree with this chart.

AIDS TO NAVIGATION
Consult the U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

NOTE C
Boulders reported in this area with reported depths of 35 feet.

HONOLULU HARBOR CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2013 AND NOS SURVEYS TO MAY 2009

CONTROLLING DEPTHS FROM BENMARKS IN FEET AT MEAN LOWER LOW WATER (MLLW)							PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY		WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
HONOLULU HARBOR CHANNEL	41.4	43.7	44.9	A 32.0	3-13		500	0.53	45
KALIHI CHANNEL ENTRANCE	31.0	35.0	35.0	B 31.0	5-09		400	1.2	33
EMERGENCY TURNING BASIN	29.0	31.0	32.0	30.0	5-09		400-960	0.5	35

A: SHOALING TO 24 FEET FROM 21°17'38.6"N 157°52'16.6"W TO 21°17'41.7"N 157°52'14.9"W
B: SHOALING TO 29 FEET FROM 21°17'38.6"N 157°52'16.6"W
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SOURCE

A	1990 - 2009	NOS Surveys	full bottom coverage
B4	1900 - 1939	NOS Surveys	partial bottom coverage
C	1990 - 2002	US Navy Surveys	partial bottom coverage

SOURCE DIAGRAM
The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

NOTE
Kewalo Basin Entrance Sector Arcs:
F W 33.0° to 34°.
Al WR 33.3° to 33.6°.
F R 33.9° to 33.3°.
Al WG 34° to 34.3°.
F G 34.3° to 34.7°.

KEWALO BASIN ENTRANCE DIRECTIONAL LIGHT
F RWG 47ft
(see note)

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Honolulu Harbor
SOUNDINGS IN FEET - SCALE 1:5,000

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CAUTION
This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

NOAA encourages users to submit inquiries, discrepancies, or comments about this chart at: http://www.nauticalcharts.noaa.gov/staff/contact.htm.

SOUNDINGS IN FEET

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COAST SURVEY

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LNM: 3715 (9/15/2015), NM: 3915 (9/26/2015)

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