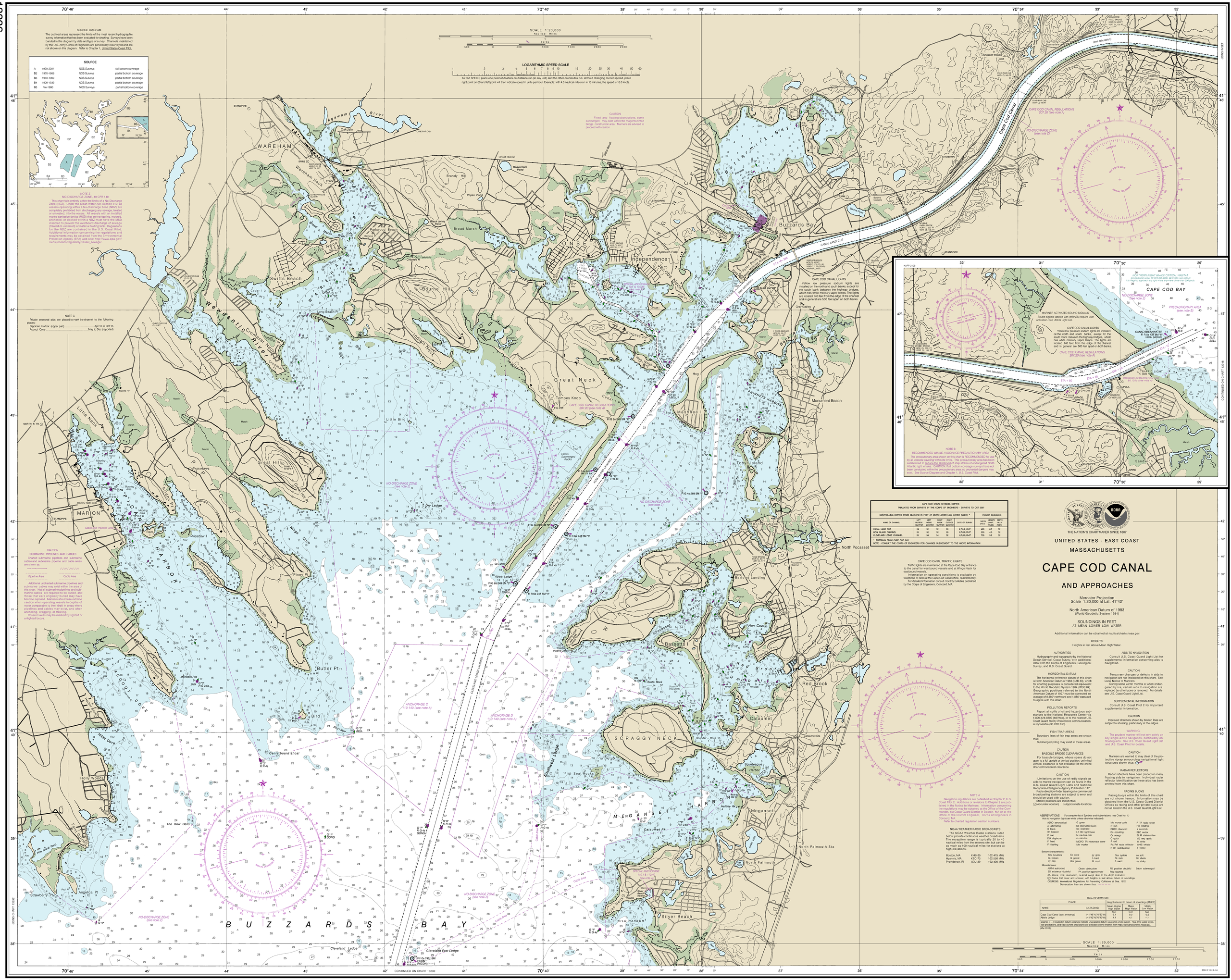
Formerly C&GS 251, 1st. Ed., Apr. 1904 C-1942-561 KAPP 2127

13236



CAPE COD CANAL CHANNEL DEPTHS TABULATED FROM SURVEYS IN THE CORPS OF ENGINEERS - SURVEYS TO OCT 2007							
CONTROLLING DEPTHS FROM SEAward 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)
CANAL LAND CUT	34	32	32	35	6,7,8,9,10-07	480	4.7	32
HOG ISLAND CHANNEL	31	32	32	29	6,7,8,9,10-07	500	4.0	32
CLEVELAND LEDGE CHANNEL	31	34	34	31	6,7,8,9,10-07	700	3.2	32

* ENTERING FROM CAPE COD BAY
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CAPE COD CANAL TRAFFIC LIGHTS
Traffic lights are maintained at the Cape Cod Bay entrance to the canal for westbound vessels and at Wings Neck for eastbound vessels.
Information on operating conditions is available by telephone or radio at the Cape Cod Canal office, Buzzards Bay.
For detailed information consult monthly bulletins published by the Corps of Engineers, Concord, MA.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 2. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 1st Coast Guard District in Boston, MA or at the Office of the District Engineer, Corps of Engineers in Concord, MA.
Refer to charted regulation section numbers.

NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio stations listed below broadcast continuous weather bulletins. 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.

Boston, MA	KHB-35	162.475 MHz
Hyannis, MA	KEC-73	162.550 MHz
Providence, RI	WXJ-39	162.400 MHz

THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES - EAST COAST
MASSACHUSETTS

CAPE COD CANAL
AND APPROACHES

Mercator Projection
Scale 1:20,000 at Lat. 41°42'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

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.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.360" northward and 1.880" eastward to agree with this chart.

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).

FISH TRAP AREAS
Boundary lines of fish trap areas are shown thus:
Submerged piling may exist in these areas.

CAUTION
BASCULE BRIDGE CLEARANCES
For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

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) ○(Approximate location)

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

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.
During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 2 for important supplemental information.

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

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.

CAUTION
Mariners are warned to stay clear of the protective riprap surrounding navigational light structures shown thus:

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.

RACING BUOYS
Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
Aids to Navigation (lights are white unless otherwise indicated)
AERO aeronautical
Al alternating
B black
Bn beacon
C can
Dia diaphone
F fixed
Fl flashing
G green
IQ interrupted quick
Iso isophase
LH HC lighthouse
M nautical mile
m minutes
MONO TR microwave tower
Mkr marker
Mo morse code
N fog
OBSC obscured
Oc occulting
Or orange
Q quick
R red
Ra Ref racon reflector
R Bn radiobeacon
R radio tower
Rot rotating
s seconds
SEC sector
St M statute miles
VQ very quick
W white
WHIS whistle
Y yellow

Bottom characteristics:
Blds boulders
Co coral
gy gritty
hd hard
M mud
Oys oysters
R rock
S sand
so soft
Sh shells
sy sticky
Co broken
G gravel
Grs grass
Cy clay

Miscellaneous:
AUTH authorized
ED existence doubtful
PA position approximate
PD position doubtful
Rep reported
Subm submerged
Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
Rocks that cover and uncover, with heights in feet above datum of soundings.
COLREGS: International Regulations for Preventing Collisions at Sea, 1972.
Demarcation lines are shown thus:

TIDAL INFORMATION

PLACE		Height referred to datum of soundings (MLLW)		
NAME	(LAT.&LONG)	Mean Higher High Water	Mean High Water	Mean Low Water
		feet	feet	feet
Cape Cod Canal (east entrance)	(41°46'N/70°30'W)	9.4	9.0	0.2
Ahearn Ledge	(41°42'N/70°40'W)	4.4	4.1	---

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. (Mar 2012)

31st Ed., Apr. / 12
13236

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

Last Correction: 10/6/2015. Cleared through:
LNM: 3915 (9/29/2015), NM: 4115 (10/10/2015), CHS: 0915 (9/25/2015)

To ensure that this chart was printed at the proper scale, the line below should measure 65 inches (152 millimeters).
If the line does not measure 65 inches (152 millimeters), the copy is not certified safe for navigation.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (NCS52), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

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FATHOMS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
FEET 3 6 9 12 15 18 21 24 27 30 33 36 39 42 45 48 51 54
METERS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Cape Cod Canal and Approaches
SOUNDINGS IN FEET - SCALE 1:20,000

13236