NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilots 2 and 3. Additions or changes to these regulations are promulgated by Notice to Mariners. Information concerning the regulations may be obtained at the Office of Waterways Management, Fifth Coast Guard District, Portsmouth, Virginia, or at the Office of the District Engineer, Corps of Engineers, in New York, New York or in Philadelphia, Pennsylvania.

Refer to charted regulation section numbers.

NOTE C

NO-DISCHARGE ZONE, 40 CFR 140

Under the Federal Water Pollution Control Act, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters of the zone. Vessels without marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD secured to prevent the discharge of sewage, treated or untreated, or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Information concerning the location of pump-out requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owm/marine/regulatory/vessel_sewage/

NOTE D

PRECAUTIONARY AREA

Traffic within the Precautionary Area consists of vessels making the transition between operating in Ambrose or Sandy Hook Channels and one of the traffic lanes. Mariners are advised to exercise extreme care in navigating within this area.

ANCHORAGE AREAS
110.155 (see note A)
Limits and assigned numbers of anchorage areas are shown in magenta.

27 GENERAL ANCHORAGES

28

49P 49PO NAVAL ANCHORAGES–reserved for vessels carrying explosives.

SUNDOWN AND SUNDAY HOURS CHANNEL DEPTHS
CHANNELS FROM SURVEYS BY THE CORPS OF ENGINEERS / SURVEYS TO JAN 2011

CONTINUOUS DEPTHS FROM SUNDOWN TO DAY BY MEAN LOWER LOW WATER (Feet)			
NAME OF CHANNEL	DEPTH (FEET)	DATE OF SURVEY	DATE OF SUNDOWN
SANDY HOOK BAY			
HIGHLANDS REACH	10.0	1/98	5/4-17
RARITAN REACH	6.1	1/98	5/4-17
SANDY HOOK CHANNEL	5.5	1/98	5/4-17
HORSESHOE REACH			
SANDY POINT REACH	5.5	1/98	5/4-17
KEANSBURG REACH	5.5	1/98	5/4-17
RED BANK REACH	5.5	1/98	5/4-17

NOTE: CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION. UNPOINTED FEATURES INDICATED TO SURVICE MAGNETOMETER AND NOT EXPECTED BUT MAY EXIST.

CAUTION

BASCULE BRIDGE CLEARANCES

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

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).

NOTE C

BARNEGAT INLET

OYSTER CREEK CHANNEL

Buoys in these channels are not charted because they are moved frequently. Hydrographic surveys are not shown due to its continuous shifting nature.

Consult Local Notice to Mariners, 5th Coast Guard District, for the latest positions of aids to navigation.

TIDAL INFORMATION

While the minimal range of the tide is only about 4 feet, the tide does rise for a period of long duration, the change in depth may amount to a maximum of about 3 feet above or below the charted depth. Strong northeasterly winds raise the tide to the wind has a lesser effect and the normal range of the tide is about 3 feet.

NOTE B

Channel is marked by privately maintained seasonal aids.

TIDAL INFORMATION

PLACE NAME	LATITUDE	LONGITUDE	Height referred to datum of soundings (MLLW) Mean Higher High Water (feet)	Mean High Water (feet)
Long Branch (fishing Pier)	40°18'16"N	73°59'18"W	4.8	4.0
Shark River Inlet, Shrewsbury River	40°13'00"N	74°00'00"W	5.2	4.3
Sandy Hook	40°28'12"N	74°00'36"W	5.2	4.5
Raritan River, Perth Amboy	40°30'00"N	74°16'00"W	5.5	4.7
Shrewsbury Creek, Monmouth R.	40°14'14"N	74°04'00"W	3.8	3.4
Point Pleasant	40°05'54"N	74°02'48"W	4.8	4.1
Beach Haven, Little Egg Harbor	39°35'00"N	74°15'18"W	2.5	2.0
Atlantic City	39°21'18"N	74°25'18"W	4.8	4.2

Datums — Leveled or tidal datum (returns elevations above or below datum). Read the water levels, tide predictions, and tidal current predictions are available on the internet from http://tidesandcurrents.noaa.gov. Elev (ft)=0

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilots 2 and 3. Additions or revisions to Chapter 2 are promulgated by Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Comandant, 1st Coast Guard District in Boston, Massachusetts, the 5th Coast Guard District in Portsmouth, Virginia, or at the Office of the District Engineer, Corps of Engineers in New York, New York or in Philadelphia, Pennsylvania.

Refer to charted regulation section numbers.

NOTE D

NO-DISCHARGE ZONE, 40 CFR 140

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CAUTION

Small craft should stay clear of large commercial and government vessels even if small craft have the right-of-way.

All craft should avoid areas where the skipper can not see the surface with a diagonal white stripe, or blackpennant.

MARINER ACTIVATED SOUND SIGNALS

Sound signal stations with AIRACOS require user activation. See USCG Light List.

ABBREVIATIONS (for complete list of Surnuns and Abbreviations, see Chart No. 1)

Bldg building (s) Mon monument
MHW mean high water No. number, nbr
A alternating Oil Information lacks
Bn beacon Pil pilings
Bk black Pt point
C can Rk rock
Ch chimney Sh shoal
Dm daymark Sp spot
F fixed Tr Tower
H flashing Wk wreck
Bottom characteristics
Cy clay Gr gravel Sy sand
Sn broken Gy grey Wd weed
Cg coral Bo gravel Cobble Cs cobbles
Mv Mud Sh shell
Sft soft Hd Hard
Stiff stiff
Sticky sticky
Fine fine
Med medium
Crse coarse
Dk dark
Lt light
Bu blue
Gn green
Rd red
Wh white
Yellow yellow
Lt Gray light gray
Dk Gray dark gray
Bn brown
Or orange
Vi violet
Pk pink
Mg magenta
Cy cyan
Bk black