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SOUNDINGS IN FEET

NOTE B
TRAFFIC SEPARATION SCHEME
One-way traffic lanes overprinted on this chart in the vicinity of Smith Point are RECOMMENDED for all vessels except small craft. They have been designed to aid in the prevention of collisions but are not intended in any way to supersede or alter the applicable Rules of the Road. The recommended route is marked by a fairway buoy and a tinted purple band which separates the courses of inbound and outbound vessels. Vessels should leave the buoy on their port hand.

Formerly C&GS 968, 1st Ed., Aug. 1964. D-1954-855

Nautical Chart Catalog No. 1, Panels D, E

LITTLE ANNEMESSEX RIVER
CORPS OF ENGINEERS REPORTS TO FEBRUARY, 1979
CONTROLLING DEPTHS FROM SOUNDING IN FEET AT MEAN LOW WATER (MLW)

NAME OF CHANNEL	DEPTH IN FEET	WIDTH IN FEET	DATE OF SURVEY
FROM CHANNEL ENTRANCE			
(37°57' 30" N., 75°52' 55" W.)			
TO CHANNEL LT. 13	10.0	9.10-8.0/14	10-78;11-77
FROM THE SALISBURY CREEK CANAL	8.0	8.0/CRITICAL/40	10-78

NOTE--CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS

PRODUCED BY COMPUTER ASSISTED METHODS

SMALL CRAFT WARNINGS
During the boating season small-craft warnings will be displayed from sunrise to sunset on Maryland and Virginia navigable waters except in Maryland waters of the Chesapeake Bay and tributaries.

RACING BUOYS
Racing buoys within the limits of this chart are not shown; however, information may be obtained from the U.S. Coast Guard Light List. Racing buoys and other privately maintained buoys are not all listed in the U.S. Coast Guard Light List.

POCOMOKE RIVER
A controlling depth of 7 feet for a mid-width of 50 feet was available from Pocomoke River Entrance Light 1 to the end of the project at Lt. 15.
Nov. 1979-Jan. 1979

NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service wide-area broadcasts are available on the following broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.
Salisbury, Md. KEC-82 162.40 MHz

POCOMOKE SOUND
The white and orange buoys and white daybeacons marking the state boundary are maintained by the States of Maryland and Virginia.

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.

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

UNITED STATES – EAST COAST
MARYLAND – VIRGINIA

CHESAPEAKE BAY
POCOMOKE AND TANGIER SOUNDS

Mercator Projection
Scale 1:40,000 at Lat. 37°51'
North American 1927 Datum

SOUNDINGS IN FEET
AT MEAN LOW WATER

WARNING
The gradient of the bottom is not fully surveyed in the irregular areas of the channels on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot 3.

TIDAL INFORMATION

Place	Mean Range	Mean Range	Mean Range	Extreme Range
	Spring	Tide	Neap	
	feet	feet	feet	feet
Ewell, Smith Island	1.6	0.8	0.0	~1.5
Crisfield	2.0	1.0	0.0	~1.5
Shelltown	2.4	1.2	0.0	~1.5
Watts Island	1.6	0.8	0.0	~1.5

(MD)

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

Lights: C.-colored; F.-fixed; Fl.-flashing; Gp. fl.-group flashing; Iso.-isophase; Occ.-occulting; Q.-quick; Vi.-vivid; Alt.-alternating; Gp. occ.-group occulting; Oc. occ.-occulting; Q. flash.-quick flashing; Int. quick flashing; Mo.-morse code; Fl. (2) W. 10s-flashing white 10 second interval; Oc. (3) WRG. 15s-occulting white, red, green 15 second interval; Q. (6)+L. Fl. 15s-quick flashing (6) plus long flash 15 second interval; Iso. 4 sec-isophase 4 second interval; Q. (9) 15s-quick flashing (9) 15 second interval; Mo. (A) 30s-morse code "A" 30 second interval.

Buoys: T.R.-temporary buoy; C. can; N. nun; S. spar; R. red; B. black; G. green; Or. orange; W. white; Y. yellow; Bell; Gong; Whis.-whistle; Horn; Lt.-light; Ra. Ref.-radar reflector; Ra. Beacon; Ra. Trans.-radar transponder beacon; Loran; Decca; Racon; Sat.-satellite; Con.-conspicuous; Obscd.-obscured; Part.-partly; Vis.-visible; Intens.-intensified; Alt.-alternating; Occas.-occasional; Rot.-rotating; Dev.-deviation; Mag.-magnetic; Mech.-mechanical; Sec.-second; Min.-minute; Hr.-hour; m.-meters; sec.-seconds; ft.-feet; fath.-fathom; nm.-nautical mile; kHz.-kilohertz; MHz.-megahertz.

Bottom characteristics: M. mud; S. sand; Cy. clay; Si. silt; Co. coral; Pt. rock; G. gravel; Sh. shells; Wd. weed; Oys. oyster; Bo. boulders; f. fine; m. medium; c. coarse; sft. soft; hrd. hard; stk. stiff; brk. broken; bk. black; br. brown; gn. green; bu. blue; rd. red; wh. white; gy. grey; y. yellow.

Wreck, rock, obstruction, or shoal swept clear to the depth indicated
Rocks that cover and uncover, with height in feet above datum of soundings

AERO.-aeronautical; R. Bn.-radiobeacon; C. G.-Coast Guard station; Bn.-daybeacon; D.F.S.-Distance finding station; Fog Det.-fog detector signal; Ldg. Lts.-leading lights; Mag. Var.-magnetic variation; Prom.-prominent; Pub.-publication; Rep.-reported; Chan.-channel; Anch.-anchorage; Prohib.-prohibited; Reg.-regulations; Dept.-department; Engr.-engineers; Dist.-district; Obstr.-obstruction; P.A.-position approximate; E.D.-existence doubtful; Abdmd.-abandoned; Subm.-submerged; Exp.-exposed; Uncov.-uncovered; Intermit.-intermittent; Elec.-electric; Fl.-flashing; Alt.-alternating; Gp.-group; Occas.-occasional; Rot.-rotating; Dev.-deviation; Mag.-magnetic; Mech.-mechanical; Sec.-second; Min.-minute; Hr.-hour; m.-meters; sec.-seconds; ft.-feet; fath.-fathom; nm.-nautical mile; kHz.-kilohertz; MHz.-megahertz.

AUTH. authorized; Obstn. obstruction; P.A. position approximate; E.D. existence doubtful

Heights in feet above Mean High Water

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

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

CAUTION
Mariners are warned to stay well clear of the vicinity of the surrounding navigational light structures shown thus ⊙

STORM WARNINGS
The National Weather Service displays storm warnings at the following approximate locations:
Somers Cove (37°58.7'-75°51.5')
Point Lookout (38°00.5'-75°50.5')

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 3, or weekly Notice to Mariners which include new or revised regulations. Information concerning the regulations may be obtained at the Office of the District Engineer, Corps of Engineers in Norfolk, Va.
Anchorage regulations may be obtained at the Office of the Commander, 5th Coast Guard District in Portsmouth, Va.
Refer to section numbers shown with area designation.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart.
Refer to Light List.
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.

PLANE COORDINATE GRID
The Maryland State Grid is indicated on this chart at 20,000 foot intervals thus:
The last three digits are omitted.

CAUTION
FISH TRAP AREAS AND STRUCTURES
Mariners are warned that numerous uncharted duck blinds and fishing structures, some submerged, exist in the areas. Such structures are not charted unless known to be permanent.
Regulations to assure clear passage to and through dredged and natural channels and to established landings are prescribed by the Corps of Engineers in the Code of Federal Regulations.
Fishing with pots, traps, or other devices is prohibited in some areas and those limits are shown.
Where definite limits have not been prescribed the location of fishing structures is restricted only by the regulations.

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

ONANCOCK CHANNEL
The controlling depth was 12 feet for a mid-width of 100 feet in the entrance channel, thence 8 feet in the channel to the head of the turning basin (north branch) at Onancock.
Jul-Aug 1979
The depth in Central Branch to the fine bridge was 5 feet in Jul-Aug 1979 and 5½ feet in the Dock Branch anchorage basin in Jul-Aug 1979.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 3 for important supplemental information.

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LITIGATION/COPY

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and by U.S. Coast Guard publications issued periodically by each U.S. Coast Guard district to the print date shown in the lower left hand corner.

LOGARITHMIC SPEED SCALE
To find SPEED, place one point of dividers on distance run (in any units) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots

Nautical Miles
Yards

SOUNDINGS IN FEET

FATHOMS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
FEET 0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102
METERS 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34

(Pocomoke and Tangier Sounds)

SOUNDINGS IN FEET - SCALE 1:40,000

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