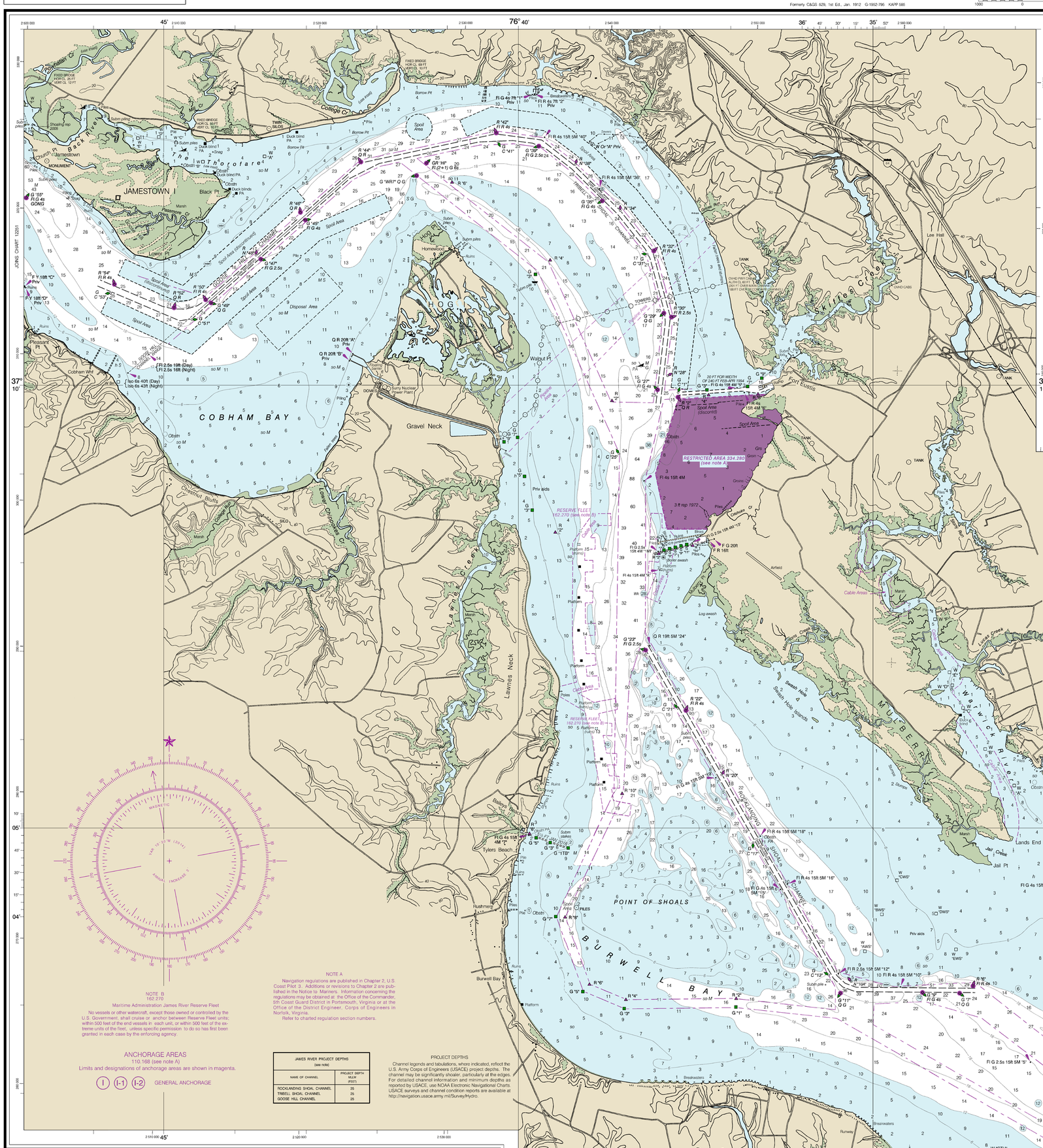
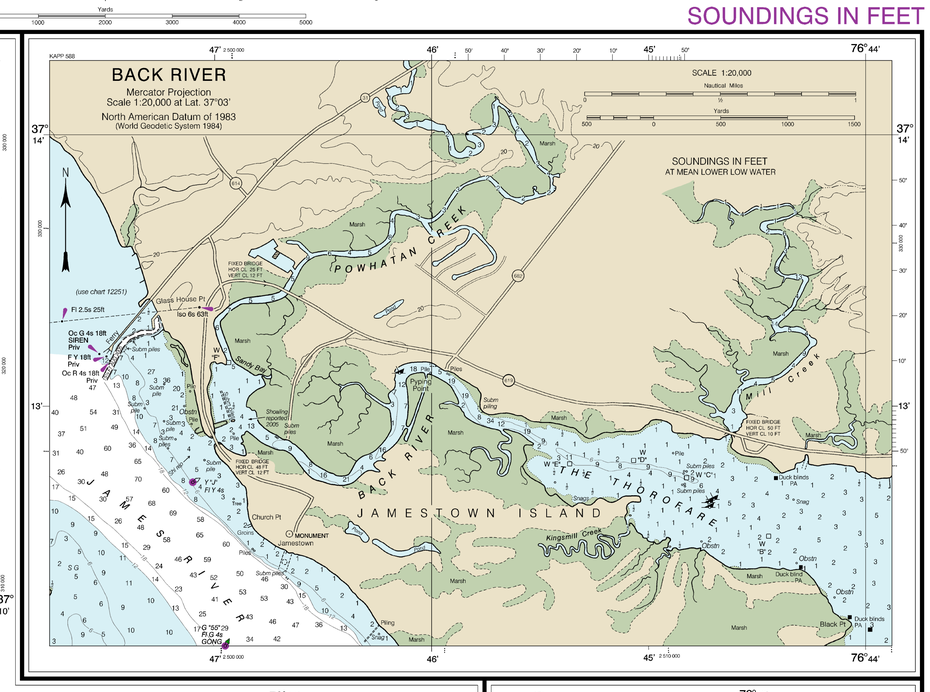
NOAA encourages users to submit inquiries, discrepancies or comments about this chart at http://www.nauticalcharts.noaa.gov/staff/contact.htm.

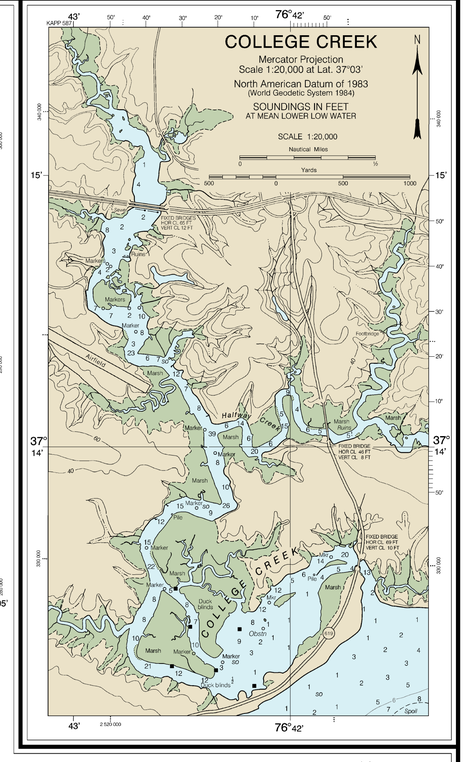
SCALE 1:40,000
Nautical Miles
Yards

Formerly C&GS 529, 1st Ed., Jan. 1912 G-1952-795 KAPP 585

SOUNDINGS IN FEET







CAUTION
FISH TRAP AREAS AND STRUCTURES
Mariners are warned that numerous uncharted duck blinds and fishing structures, some submerged, may exist in the fish trap 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.
Definite limits of fish trap areas have been established in some areas, and those limits are shown thus: — — — — — —
Where definite limits have not been prescribed, the location of fishing structures is restricted only by the regulations.

CAUTION
SUBMARINE PIPELINES AND CABLES
Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:
Pipeline Area — Cable Area
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.

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.

PLANE COORDINATE GRID
(based on NAD 1927)
The Virginia State Grid (South Zone) is indicated by dotted ticks at 10,000 foot intervals.

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.
AERO Rotating W & G

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).

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

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

NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio station listed below provides 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.

Norfolk, VA	KHB-37	162.550 MHz

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

DEEP CREEK
From the channel entrance to the harbor the controlling depth was 2½ feet for a width of 100 feet narrowing to 60 feet at the mouth of the harbor, and 3 feet in the harbor.
Apr 2017

NOTE B
162.270
Maritime Administration James River Reserve Fleet
No vessels or other watercraft, except those owned or controlled by the U.S. Government, shall cruise or anchor between Reserve Fleet units; within 500 feet of the end vessels in each unit, or within 500 feet of the extreme units of the fleet, unless specific permission to do so has first been granted in each case by the enforcing agency.

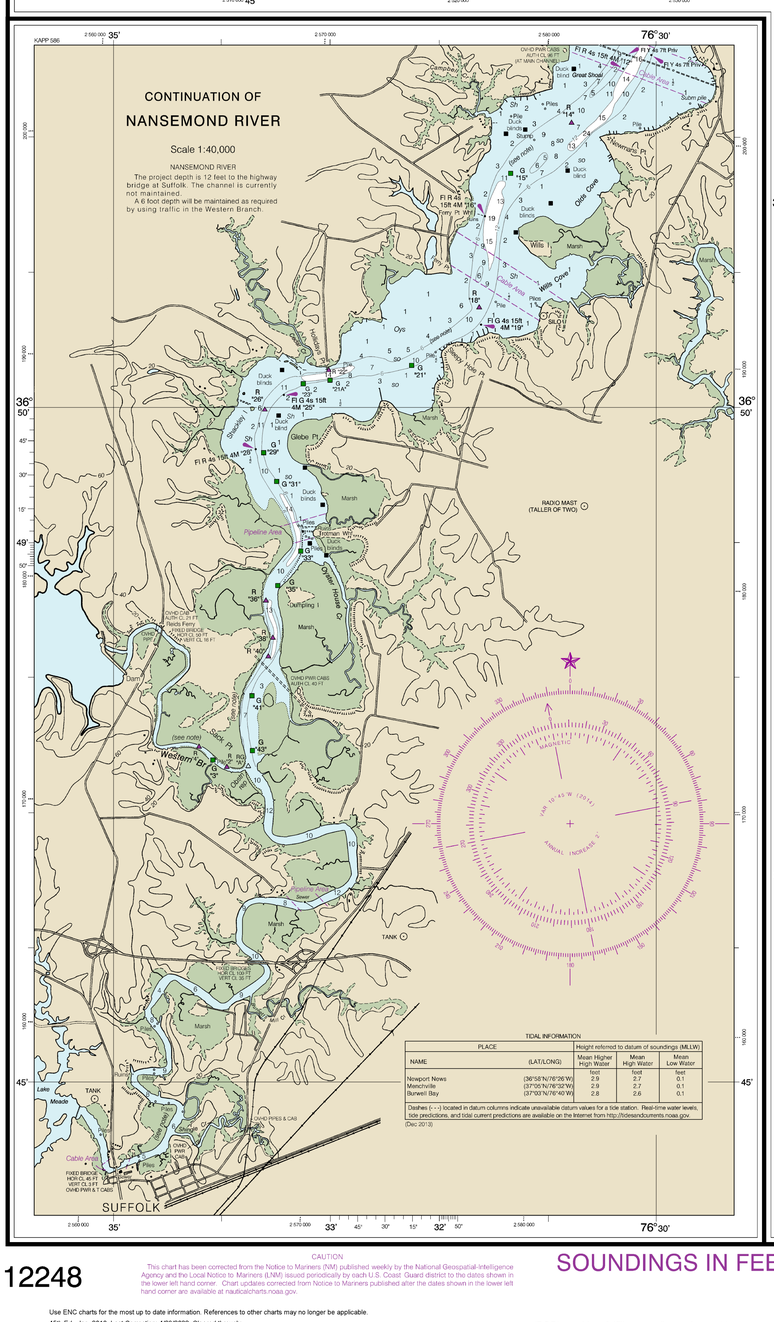
ANCHORAGE AREAS
110.168 (see note A)
Limits and designations of anchorage areas are shown in magenta.
I I-1 I-2 GENERAL ANCHORAGE

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 3. 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, 5th Coast Guard District in Portsmouth, Virginia or at the Office of the District Engineer, Corps of Engineers in Norfolk, Virginia.
Refer to charted regulation section numbers.

JAMES RIVER PROJECT DEPTHS (see note)	
NAME OF CHANNEL	PROJECT DEPTH MLW (FEET)
ROCKLANDING SHOAL CHANNEL	25
TRIBELL SHOAL CHANNEL	25
GOOSE HILL CHANNEL	25

PROJECT DEPTHS
Channel legends and tabulations, where indicated, reflect the U.S. Army Corps of Engineers (USACE) project depths. The channel may be significantly shoaler, particularly at the edges. For detailed channel information and minimum depths as reported by USACE, use NOAA Electronic Navigational Charts. USACE surveys and channel condition reports are available at http://navigation.usace.army.mil/Survey/Hydro.

NOTE D
EMERGENCY RESTRICTED AREA
For the latest information regarding the regulations of any emergency restricted area, contact the Army Corps of Engineers, Norfolk District, Regulatory Branch at (757) 201-7653/7652.



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
Newport News	(36°58'N/76°26'W)	2.9	2.7	0.1
Menchville	(37°05'N/76°32'W)	2.9	2.7	0.1
Burwell Bay	(37°03'N/76°40'W)	2.8	2.6	0.1

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.
(Dec 2013)

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.

SOURCE

A	1990 - 2012	NOS Surveys	full bottom coverage
B1	1990 - 1995	NOS Surveys	partial bottom coverage
B3	1940 - 1969	NOS Surveys	partial bottom coverage
B4	1900 - 1939	NOS Surveys	partial bottom coverage

UNITED STATES - EAST COAST
CHESAPEAKE BAY - VIRGINIA

JAMES RIVER

NEWPORT NEWS TO JAMESTOWN ISLAND

Mercator Projection
Scale 1:40,000 at Lat. 37°03'
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.

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 0.532" northward and 1.183" eastward to agree with 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.

For Symbols and Abbreviations see Chart No. 1

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.

SCALE 1:40,000
Nautical Miles
Yards

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.

SOUNDINGS IN FEET

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

FATHOMS / FEET / METERS

James River, Newport News to Jamestown Island
SOUNDINGS IN FEET - SCALE 1:40,000

12248

Use ENC charts for the most up to date information. References to other charts may no longer be applicable.
45th Ed., Jan. 2018. Last Correction: 4/29/2022. Cleared through:
LNM: 1722 (4/26/2022). NM: 1922 (5/7/2022).
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If the line does not measure six inches (152 millimeters), this copy is not certified safe for navigation.

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