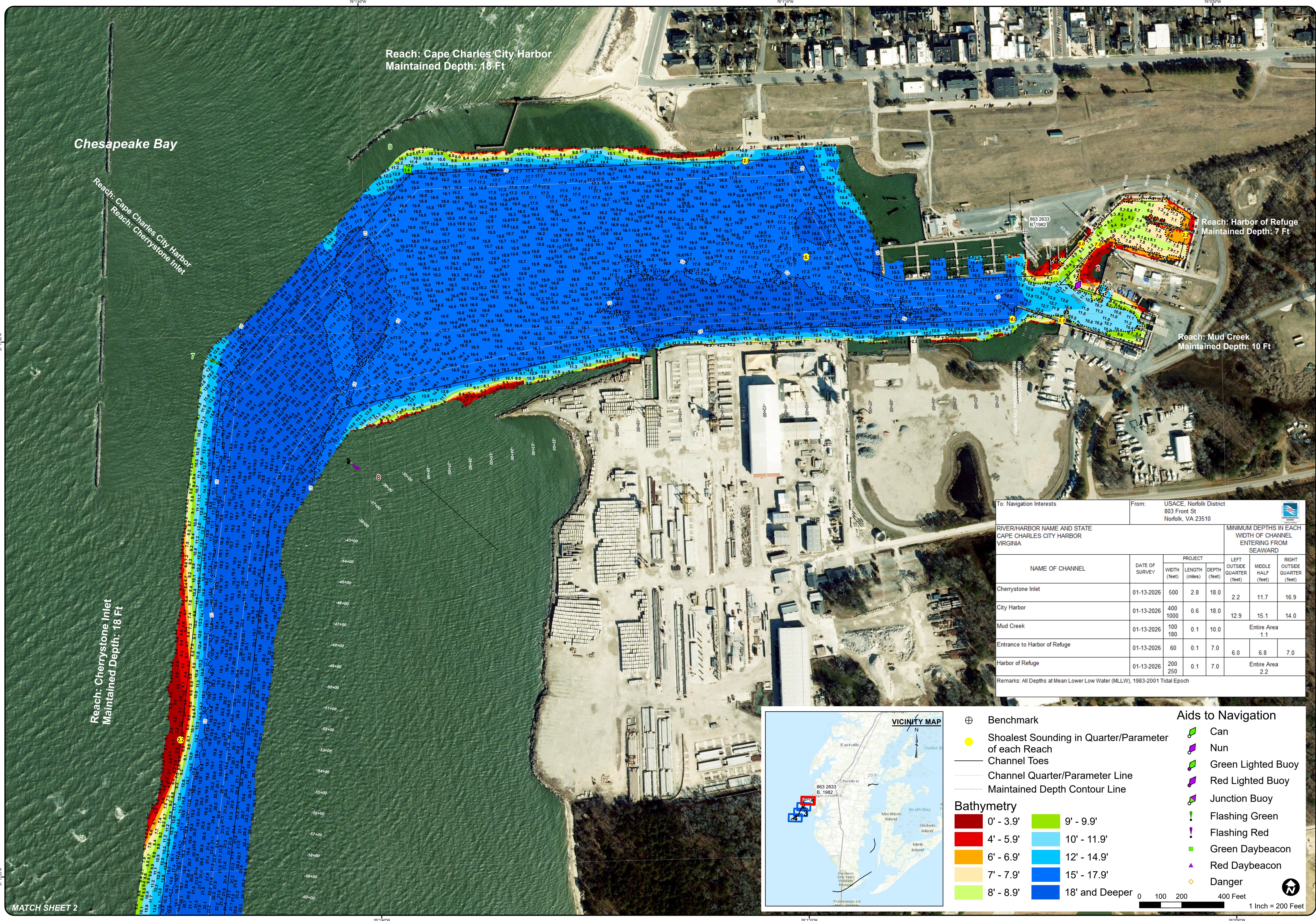




US Army Corps of Engineers
Norfolk District

NOTES:

- PROJECT: A CHANNEL 18 FEET DEEP AND 500 FEET WIDE FROM THE 18 FOOT CONTOUR IN CHESAPEAKE BAY THROUGH THE HARBOR OF REFUGE TO A BASIN 10 FEET DEEP AND 420 FEET LONG A HEAD OF MUD CREEK A HARBOR OF REFUGE ON THE NORTH SIDE OF MUD CREEK 7 FEET DEEP 200 TO 250 FEET WIDE AND 375 FEET LONG, CONNECTED TO MUD CREEK BY AN ENTRANCE CHANNEL 7 FEET DEEP AND 60 FEET WIDE.
- NOT FOR NAVIGATION USE. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED & CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
- SOUNDINGS SHOWN IN FEET CENTERED ON POINT OF SHOALEST DEPTH IN 25 FT RADII.
- BACKGROUND: "ESRI" WORLD MAP AND "VMP" MOST RECENT IMAGERY GIS WEB SERVICES.
- SURVEY: XZT (XYZ) AND METADATA (MET) FILE NAME REFERENCED BY eHYDRO FILE NAME.

VERTICAL REFERENCE DATUM: NOS MLLW	PRKADAA DATUM MDL	MEAN RANGE OF TIDE
525'	MULTI-BEAM	2.80
AVERAGE CELL CENTER		
01+00 TO 08+42		

PROJECTED COORDINATE SYSTEM:	STATE PLANE	VIRGINIA SOUTH ZONE	US SURVEY FEET	IMPLIED HORIZONTAL ACCURACY:	IMPLIED VERTICAL ACCURACY:
				4'-10 FEET	0.3 FEET

GEODETIC CONTROL MONUMENTS	MEAN RANGE OF TIDE
NAV088	2.80
5.08' (GEOD18)	
MLLW	6.75'
MONUMENT	
NOS 863-2368 B, 1982	

To: Navigation Interests		From: USACE, Norfolk District 803 Front St Norfolk, VA 23510					
RIVER/HARBOR NAME AND STATE CAPE CHARLES CITY HARBOR VIRGINIA		MINIMUM DEPTHS IN EACH WIDTH OF CHANNEL ENTERING FROM SEAWARD					
NAME OF CHANNEL	DATE OF SURVEY	WIDTH (feet)	LENGTH (miles)	DEPTH (feet)	LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
Cherrystone Inlet	01-13-2026	500	2.8	18.0	2.2	11.7	16.9
City Harbor	01-13-2026	400	0.6	18.0	12.9	15.1	14.0
Mud Creek	01-13-2026	1000	0.1	10.0	Entire Area 1.1		
Entrance to Harbor of Refuge	01-13-2026	60	0.1	7.0	6.0	6.8	7.0
Harbor of Refuge	01-13-2026	200	0.1	7.0	Entire Area 2.2		

Remarks: All Depths at Mean Lower Low Water (MLLW), 1983-2001 Tidal Epoch

CAPE CHARLES CITY HARBOR
PROJECT CONDITION SURVEY

SURVEY DATES:
January 13 & 14, 2026

SURVEY BY: USACE Team Lead: Guntter
eHYDRO FILE: CC_01_CCH_2026013_CS

SHEET 1 of 4
Map Produced: 3/18/2026

APPROVED: Andrew T. Tierney
Chief, Navigation Analysis Section

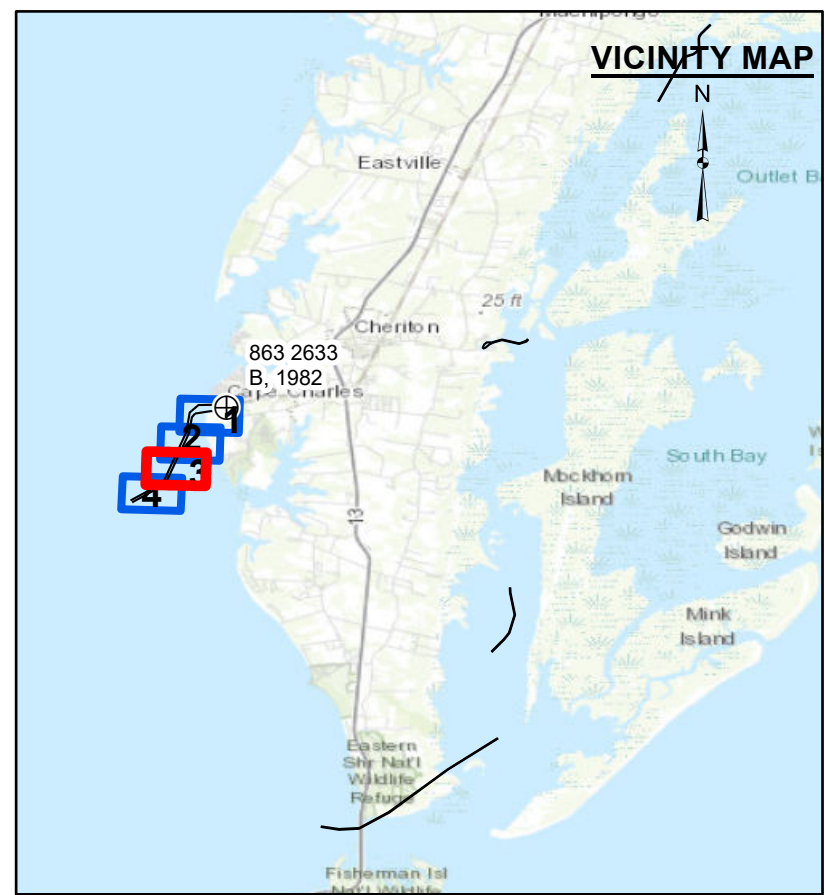
APPROVED: [Signature]
Chief, Survey Section

Digitally signed by efc signed
Date: 2026.03.13 15:39:40
4090

Chesapeake Bay

Reach: Cherrystone Inlet
Maintained Depth: 18 Ft

To: Navigation Interests		From: USACE, Norfolk District 803 Front St Norfolk, VA 23510					
RIVER/HARBOR NAME AND STATE CAPE CHARLES CITY HARBOR VIRGINIA				MINIMUM DEPTHS IN EACH WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)			
Cherrystone Inlet	01-13-2026	500	2.8	18.0	2.2	11.7	16.9
City Harbor	01-13-2026	400 1000	0.6	18.0	12.9	15.1	14.0
Mud Creek	01-13-2026	100 180	0.1	10.0	Entire Area 1.1		
Entrance to Harbor of Refuge	01-13-2026	60	0.1	7.0	6.0	6.8	7.0
Harbor of Refuge	01-13-2026	200 250	0.1	7.0	Entire Area 2.2		
Remarks: All Depths at Mean Lower Low Water (MLLW), 1983-2001 Tidal Epoch							



⊕

Benchmark

●

Shoalest Sounding in Quarter/Parameter of each Reach

—

Channel Toes

—

Channel Quarter/Parameter Line

.....

Maintained Depth Contour Line

0' - 3.9'

4' - 5.9'

6' - 6.9'

7' - 7.9'

8' - 8.9'

9' - 9.9'

10' - 11.9'

12' - 14.9'

15' - 17.9'

18' and Deeper

🚢

Can

🚢

Nun

🚢

Green Lighted Buoy

🚢

Red Lighted Buoy

🚢

Junction Buoy

🚢

Flashing Green

🚢

Flashing Red

🚢

Green Daybeacon

🚢

Red Daybeacon

🚢

Danger

0

100

200

400

Feet

1 Inch = 200 Feet

🧭

North Arrow

🧭

North Arrow

PROJECTED COORDINATE SYSTEM: STATE PLANE VIRGINIA SOUTH ZONE US SURVEY FEET PROJECTED HORIZONTAL ACCURACY: IMPLIED VERTICAL ACCURACY:	VERTICAL REFERENCE DATUM: NOS MLLW PRKADA DATUM MDL MULTI-BEAM 525' BIN SIZE SECTION METHOD: AREA SURVEYED:	GEODETIC CONTROL MONUMENTS MONUMENT NOS 863-2365 B, 1982	MEAN RANGE OF TIDE 2.80

- NOTES:
- PROJECT: A CHANNEL 18 FEET DEEP AND 500 FEET WIDE FROM THE 18 FOOT CONTOUR IN CHESAPEAKE BAY THROUGH CHERRYSTONE INLET TO A BASIN 10 FEET DEEP AND 420 FEET LONG A THE HEAD OF MUD CREEK; A HARBOR OF REFUGE ON THE NORTH SIDE OF MUD CREEK 7 FEET DEEP 200 TO 250 FEET WIDE AND 375 FEET LONG; CONNECTED TO MUD CREEK BY AN ENTRANCE CHANNEL 7 FEET DEEP AND 60 FEET WIDE.
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 - SOUNDINGS SHOWN IN FEET CENTERED ON POINT OF SHOALEST DEPTH IN 25 FT RADII.
 - BACKGROUND: ESRI WORLD IMAGERY AND VMAP MOST RECENT IMAGERY GIS WEB SERVICES.
 - PROJECT: CC-01_CCH_20260113_CS
 - SURVEY: XXZ1-XYZ2 AND METADATA: 2.METI FILE NAME REFERENCED BY eHYDRO FILE NAME.



