

Legend

- ⊕ Benchmark
- Shoalest Sounding in Quarter/Parameter of each Reach
- Channel Toes
- Channel Quarter/Parameter Line
- Maintained Depth Contour Line

Bathymetry

0' - 6.9'	11' - 11.9'
7' - 7.9'	12' - 12.9'
8' - 8.9'	13' - 14.9'
9' - 9.9'	15' and Deeper
10' - 10.9'	

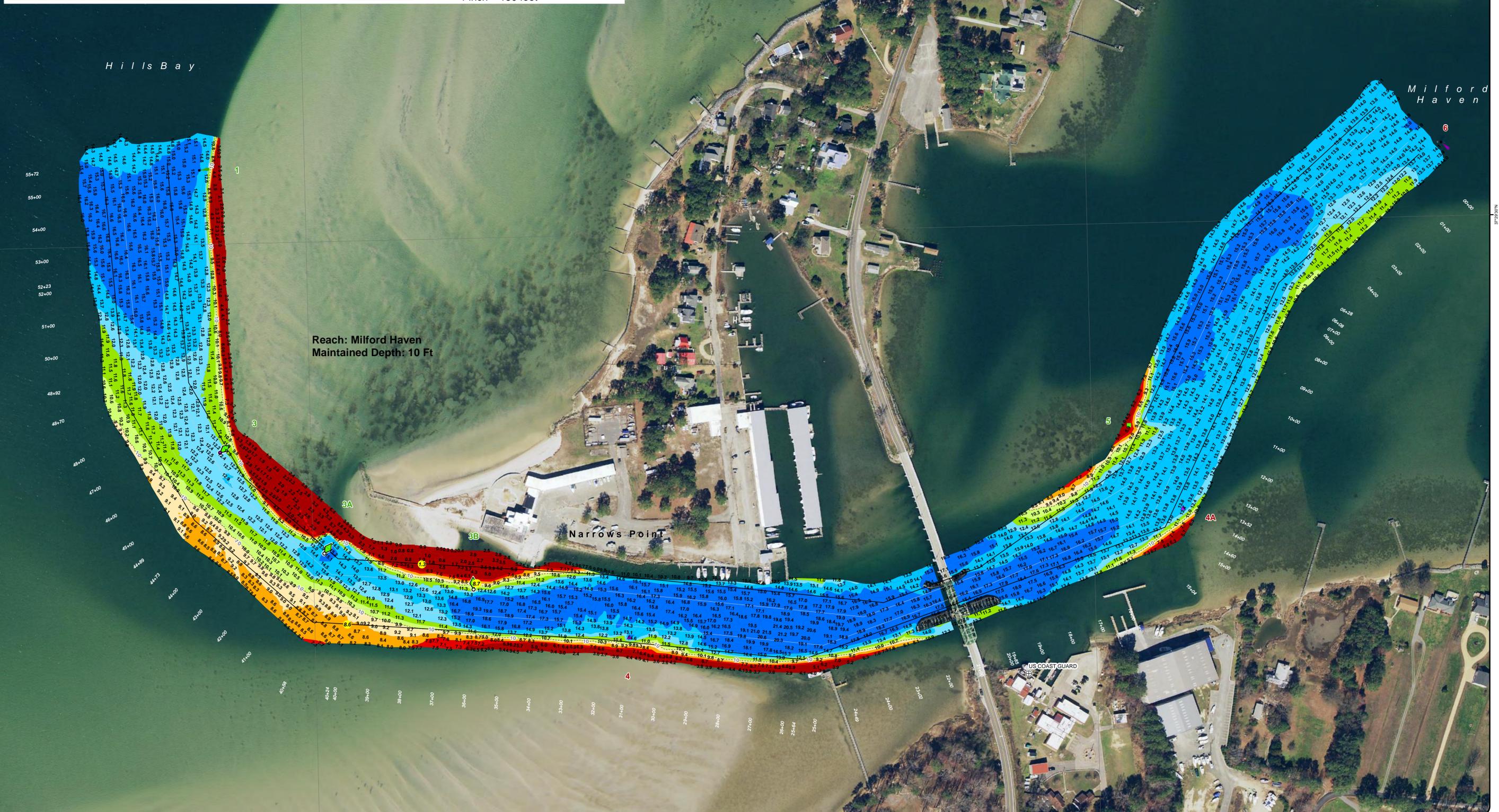
0 50 100 200 Feet
1 inch = 150 feet

Aids to Navigation

- Can
- Nun
- Green Lighted Buoy
- Red Lighted Buoy
- Junction Buoy
- Flashing Green
- Flashing Red
- Green Daybeacon
- Red Daybeacon
- Danger

To: Navigation Interests	From: USACE, Norfolk District 803 Front St Norfolk, VA 23510				
RIVER/HARBOR NAME AND STATE MILFORD HAVEN 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)
Milford Haven	01-14-2021	200 1.0 10	1.3	8.7	8.6
Remarks: All Depths at Mean Lower Low Water (MLLW), 1983-2001 Tidal Epoch					

DRAFT



Reach: Milford Haven
Maintained Depth: 10 Ft

NOTES:

- PROJECT: A CHANNEL 10 FEET DEEP AND 200 FEET WIDE.
- NOT FOR NAVIGATION USE. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE(S) 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 20 FT RADIUS GENERATED FROM HYDRO SURVEY DATA.
- BACKGROUND: VIRGINIA-BASE MAPPING PROGRAM MOST RECENT IMAGERY GIS WEB SERVICE.
- AIDS TO NAVIGATION LOCATED WITH SURVEY VESSEL +/- 10 FEET.
- SURVEY XYZ (.XYZ) AND METADATA (.MXT) FILE NAME REFERENCED BY #HYDRO FILE NAME.

VERTICAL REFERENCE DATUM: NOS MLLW	1983-2001	AREA	00-00 to 55-72
IMPLIED VERTICAL ACCURACY:	PPK/POSING	MEAN RANGE OF TIDE	1.18'
VERTICAL CONTROL:	US SURVEY FEET	MONUMENT	USCG "US Coast Guard"
TIDE APPLICATION:	PPK/POSING	MLLW	4.87'
VERTICAL DATUM:	PPK/POSING	NAVD83	3.91'(GEOID18)
BIN SIZE:	3x3	AVERAGE CELL CENTER	
BIN SELECTION METHOD:			

MILFORD HAVEN
PROJECT CONDITION SURVEY
SURVEY DATE: January 14, 2021
SURVEY BY: USACE Team Lead: Dusty Brockie
HYDRO FILE: MH_01_MNH_20210114_CS

SHEET 1 of 1
Map Produced: 2/11/2021
APPROVED: _____
Chief, Navigation Analysis Section
APPROVED: _____
Chief, Navigation Support and Survey Section