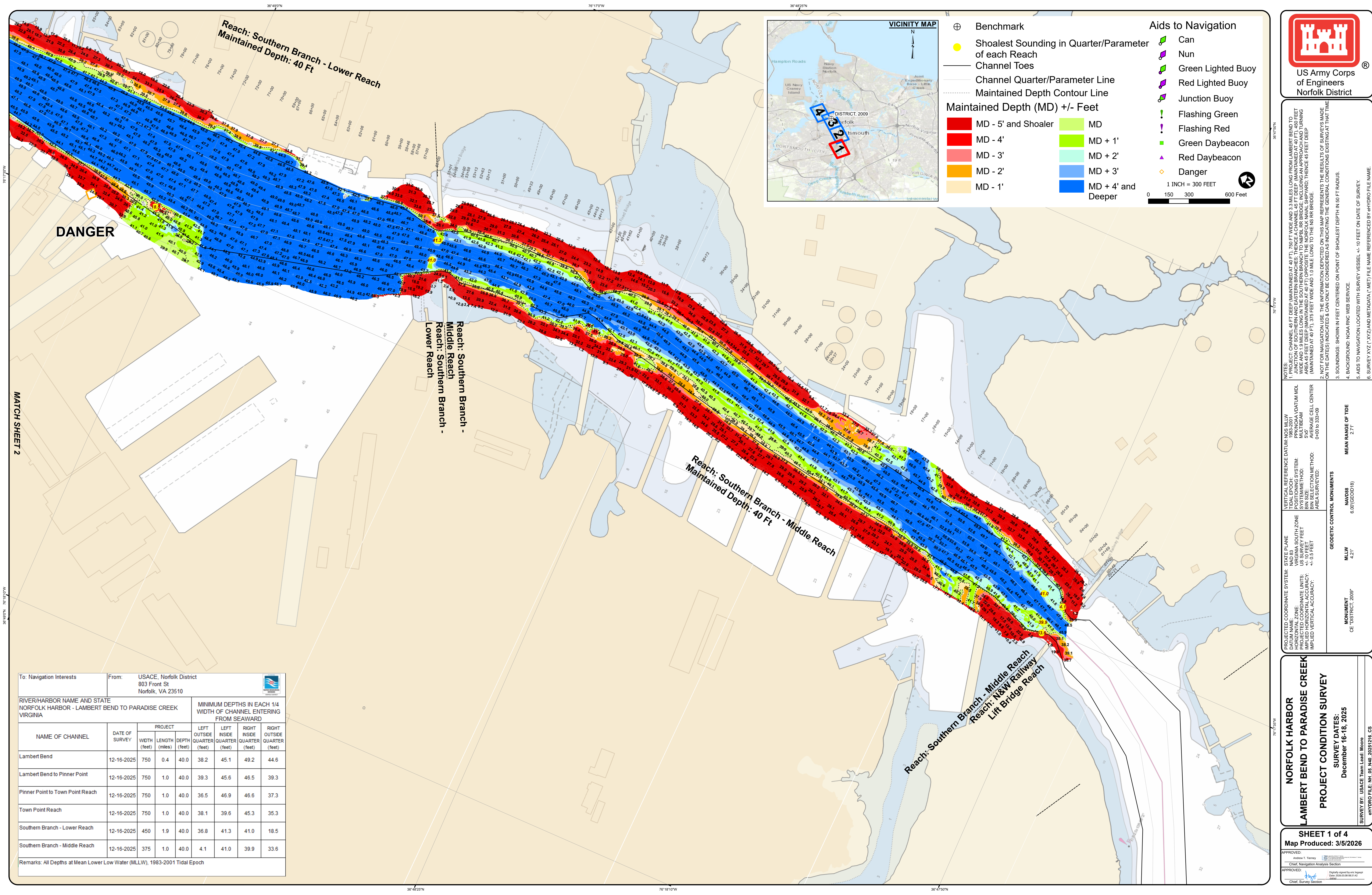




To: Navigation Interests		From: USACE, Norfolk District 803 Front St Norfolk, VA 23510						
RIVER/HARBOR NAME AND STATE NORFOLK HARBOR - LAMBERT BEND TO PARADISE CREEK VIRGINIA					MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)				
Lambert Bend	12-16-2025	750	0.4	40.0	38.2	45.1	49.2	44.6
Lambert Bend to Pinner Point	12-16-2025	750	1.0	40.0	39.3	45.6	46.5	39.3
Pinner Point to Town Point Reach	12-16-2025	750	1.0	40.0	36.5	46.9	46.6	37.3
Town Point Reach	12-16-2025	750	1.0	40.0	38.1	39.6	45.3	35.3
Southern Branch - Lower Reach	12-16-2025	450	1.9	40.0	36.8	41.3	41.0	18.5
Southern Branch - Middle Reach	12-16-2025	375	1.0	40.0	4.1	41.0	39.9	33.6
Remarks: All Depths at Mean Lower Low Water (MLLW), 1983-2001 Tidal Epoch								

NORFOLK HARBOR
LAMBERT BEND TO PARADISE CREEK

PROJECT CONDITION SURVEY
SURVEY DATES:
December 16-18, 2025

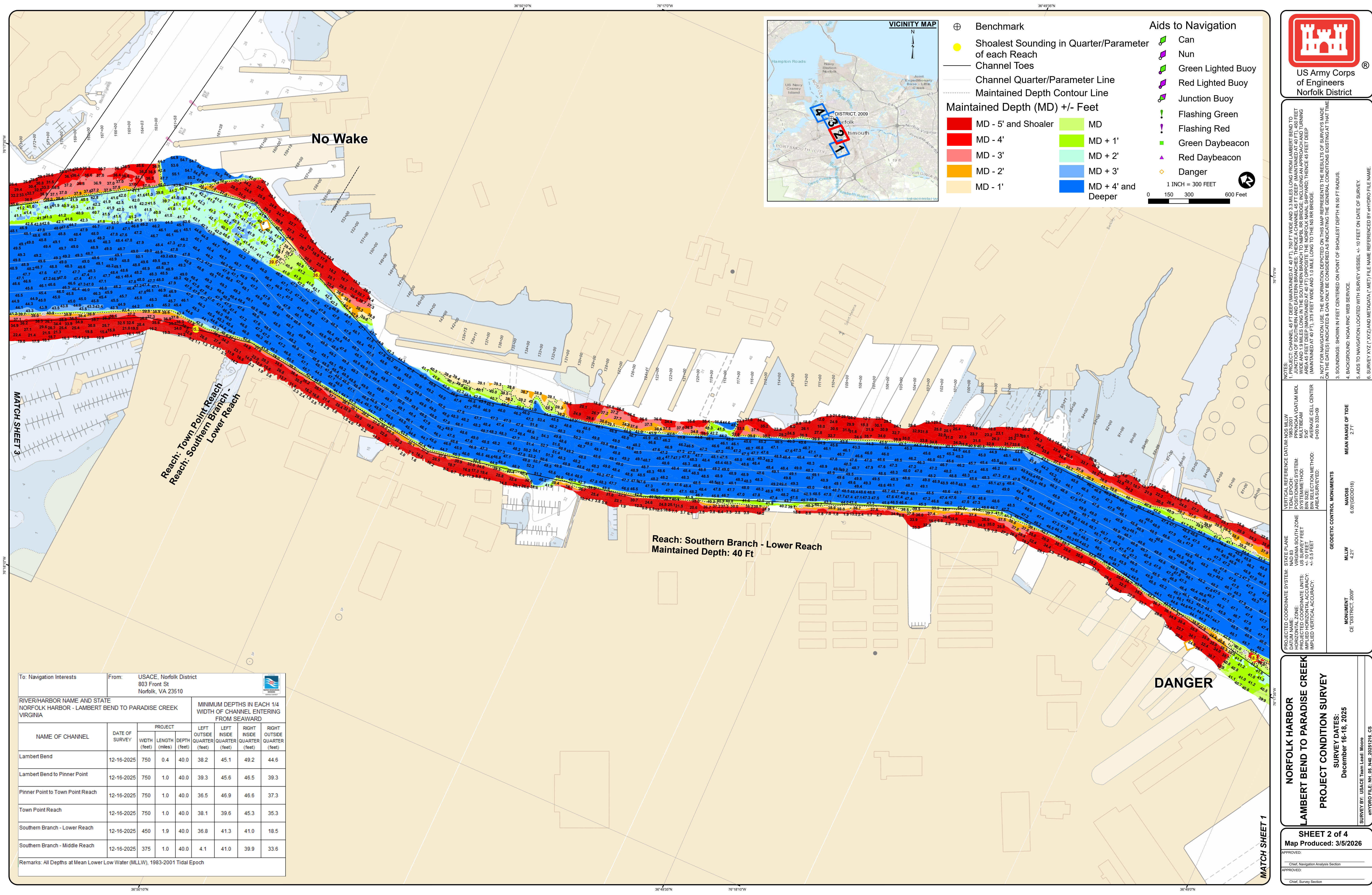
SURVEY BY: USACE Team Lead: Moore
#HYDRO FILE: NH_05_N40_20251216_CS

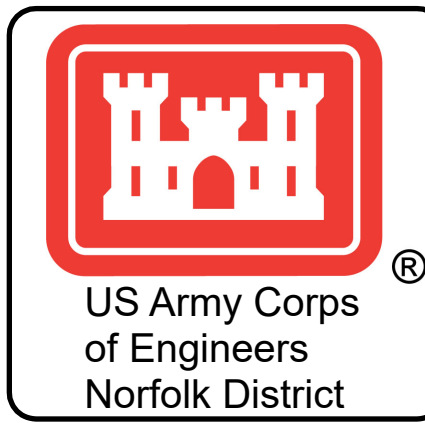
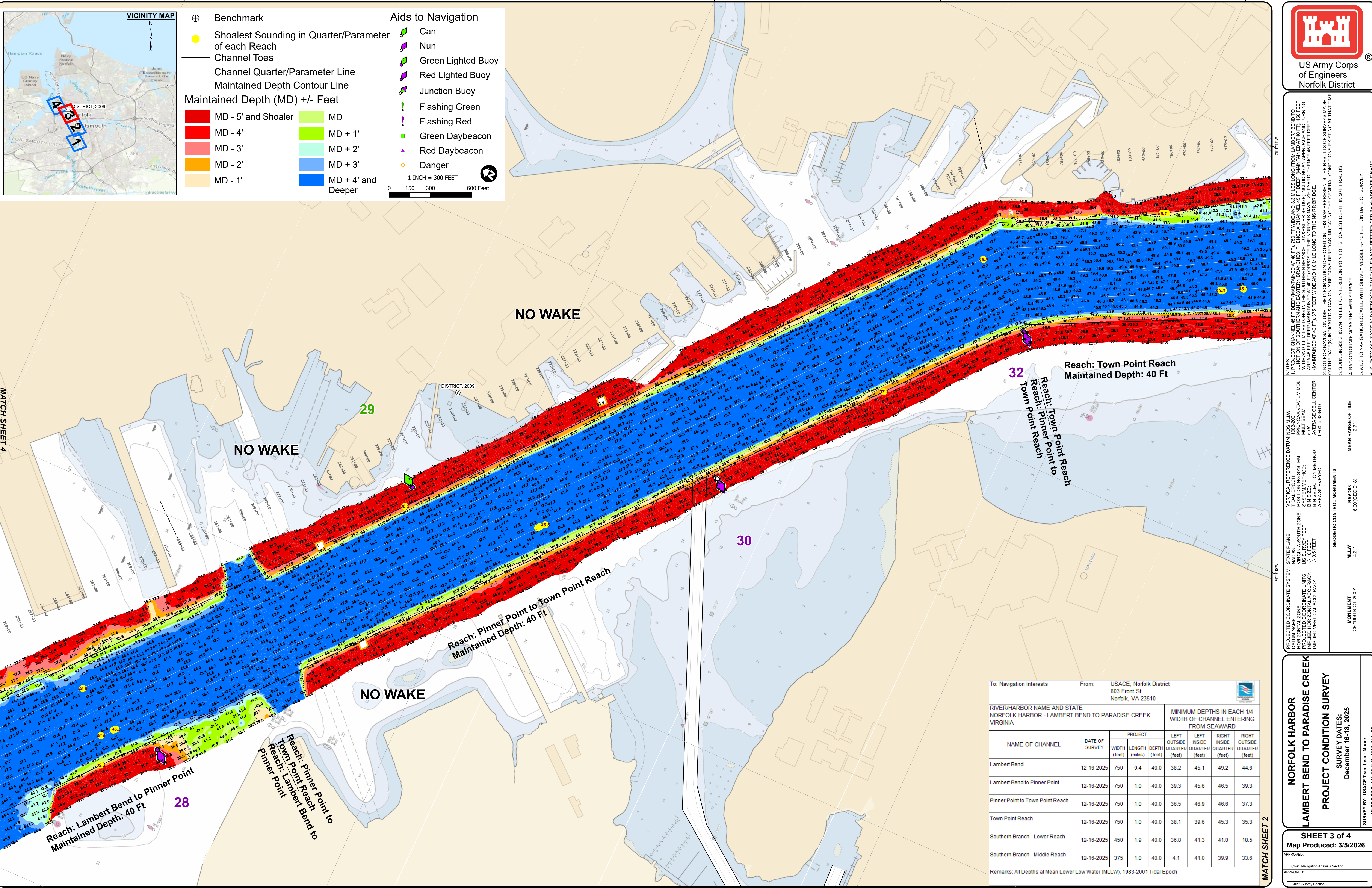
SHEET 1 of 4
Map Produced: 3/5/2026

APPROVED:
Andrew T. Tierney
Chief, Navigation Analysis Section

APPROVED:
[Signature]
Chief, Survey Section

Digitally signed by rns legat
Date: 2025.03.05 09:11:42
+0000





NOTES:
1. PROJECT CHANNEL DEPT. MAINTAINED AT 40 FT. 750 FT. WIDE AND 3.8 MILES LONG FROM LAMBERT BEND TO TOWN POINT REACH. THE CHANNEL DEPT. MAINTAINED AT 40 FT. 450 FT. WIDE AND 1.9 MILES LONG IN THE SOUTHERN BRANCHES. THESE CHANNELS ARE 45 FT. DEEP. MAINTAINED AT 40 FT. 450 FT. WIDE AND 1.9 MILES LONG IN THE SOUTHERN BRANCHES TO NABLR BRIDGE, INCLUDING AN APPROACH AND TURNING AREA 45 FEET DEEP MAINTAINED AT 40 FT. OPPOSITE THE NORFOLK NAVAL SHIPYARD. THENCE 45 FEET DEEP MAINTAINED AT 40 FT. 375 FEET WIDE AND 1.1 MILE LONG TO THE NABLR BRIDGE.
2. 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.
3. SOUNDINGS SHOWN IN FEET CENTERED ON POINT OF SHOALEST DEPTH IN 50 FT. RADII.
4. BACKGROUND NOAA RNC WEB SERVICE.
5. AIDS TO NAVIGATION LOCATED WITH SURVEY VESSEL +/- 10 FEET ON DATE OF SURVEY.
6. SURVEY XYZ (XYZ) AND METADATA (MET) FILE NAME REFERENCED BY HYDRO FILE NAME.

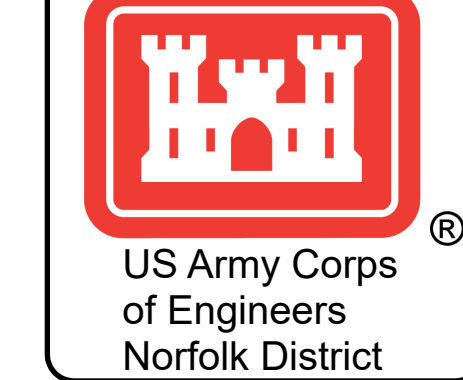
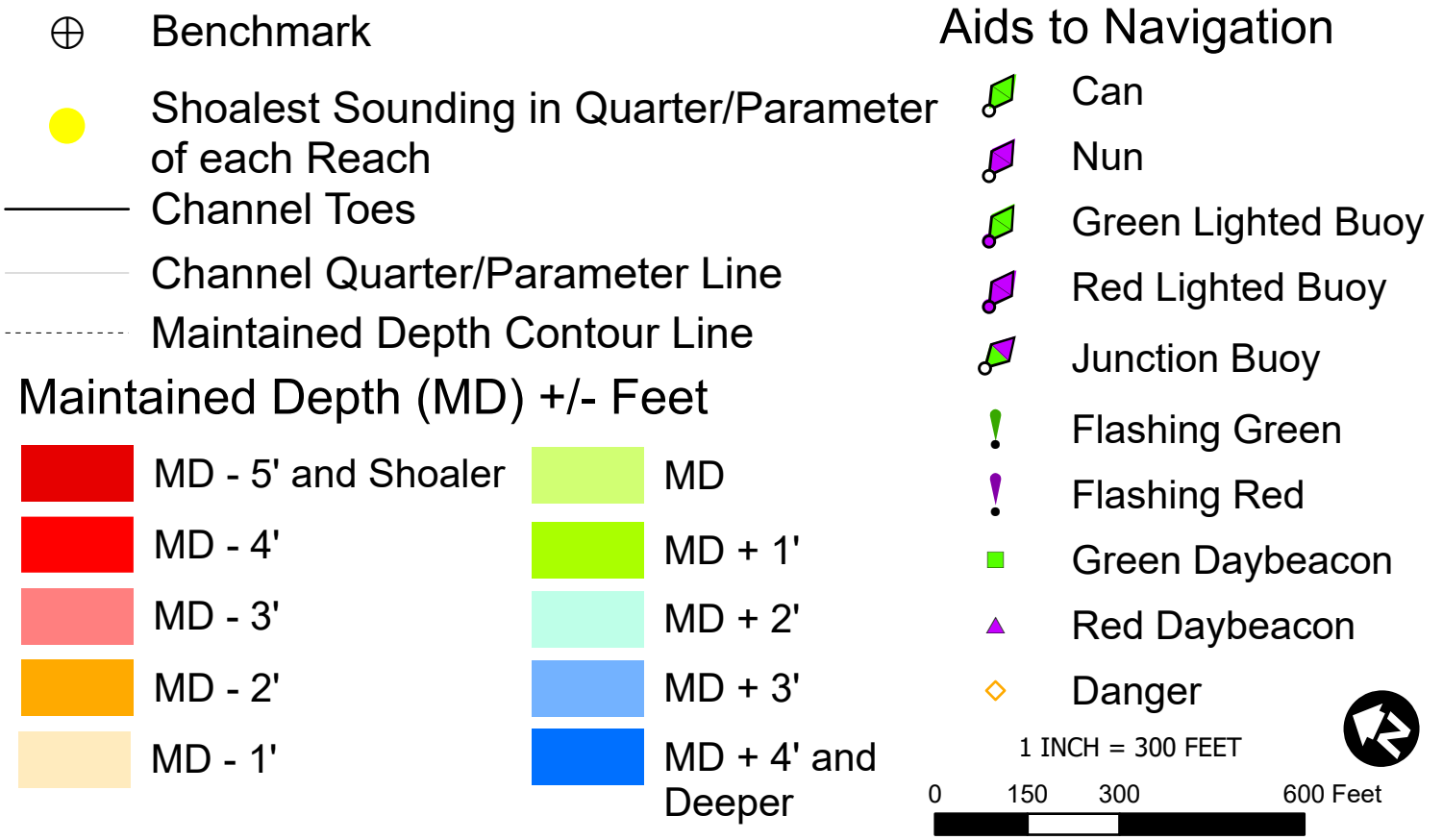
VERTICAL REFERENCE DATUM: NOS MLLW	PRKADADA DATUM MDL
POSITIONING SYSTEM: MULTIBeam	525' FACE CELL CENTER
BN SIZE: 100' X 100'	0.000 0.333 0.9
AREA SURVEYED:	
PROJECTED COORDINATE SYSTEM: NAD 83	MEAN RANGE OF TIDE
HORIZONTAL ZONE: US SURVEY FEET	6.00(GEOID 18)
PROJECTED HORIZONTAL ACCURACY: +/- 0.5 FEET	
IMPLIED VERTICAL ACCURACY:	
MONUMENT: CE DISTRICT 2009	MLLW: 4.21'
GEODETIC CONTROL MONUMENTS:	

To: Navigation Interests	From: USACE, Norfolk District 803 Front St Norfolk, VA 23510							
RIVER/HARBOR NAME AND STATE NORFOLK HARBOR - LAMBERT BEND TO PARADISE CREEK VIRGINIA					MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
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NORFOLK HARBOR
LAMBERT BEND TO PARADISE CREEK
PROJECT CONDITION SURVEY
SURVEY DATES:
December 16-18, 2025
SHEET 3 of 4
Map Produced: 3/5/2026

APPROVED:
Chief, Navigation Analysis Section
APPROVED:
Chief, Survey Section

SURVEY BY: USACE Team Lead, Moore
eHYDRO FILE: NH_US_N40_20251216_CS



GEOGRAPHIC COORDINATE SYSTEM:	EARTH PLANE	VERTICAL REFERENCE DATUM AND ELEVATION
DATUM NAME: HORIZONTAL ZONE: PROJECTED COORDINATE UNITS: SCALE FACTOR: IMPLIED VERTICAL ACCURACY:	NAD83 VIRGINIA SOUTH ZONE US SURVEY FEET +/- .05 FEET	TIDAL EPOCH: PPKNOAAR.VDATUM.MDL TIDE BENCHMARK: 597 AVERAGE CELL CENTER 0+00 TO 333+09
MONUMENT CE DISTRICT, 2009"	MULLWY 4.21'	MEAN RANGE OF TIDE 2.17'

NORFOLK HARBOR
LAMBERT BEND TO PARADISE CREEK
PROJECT CONDITION SURVEY
SURVEY DATES:
December 16-18, 2025