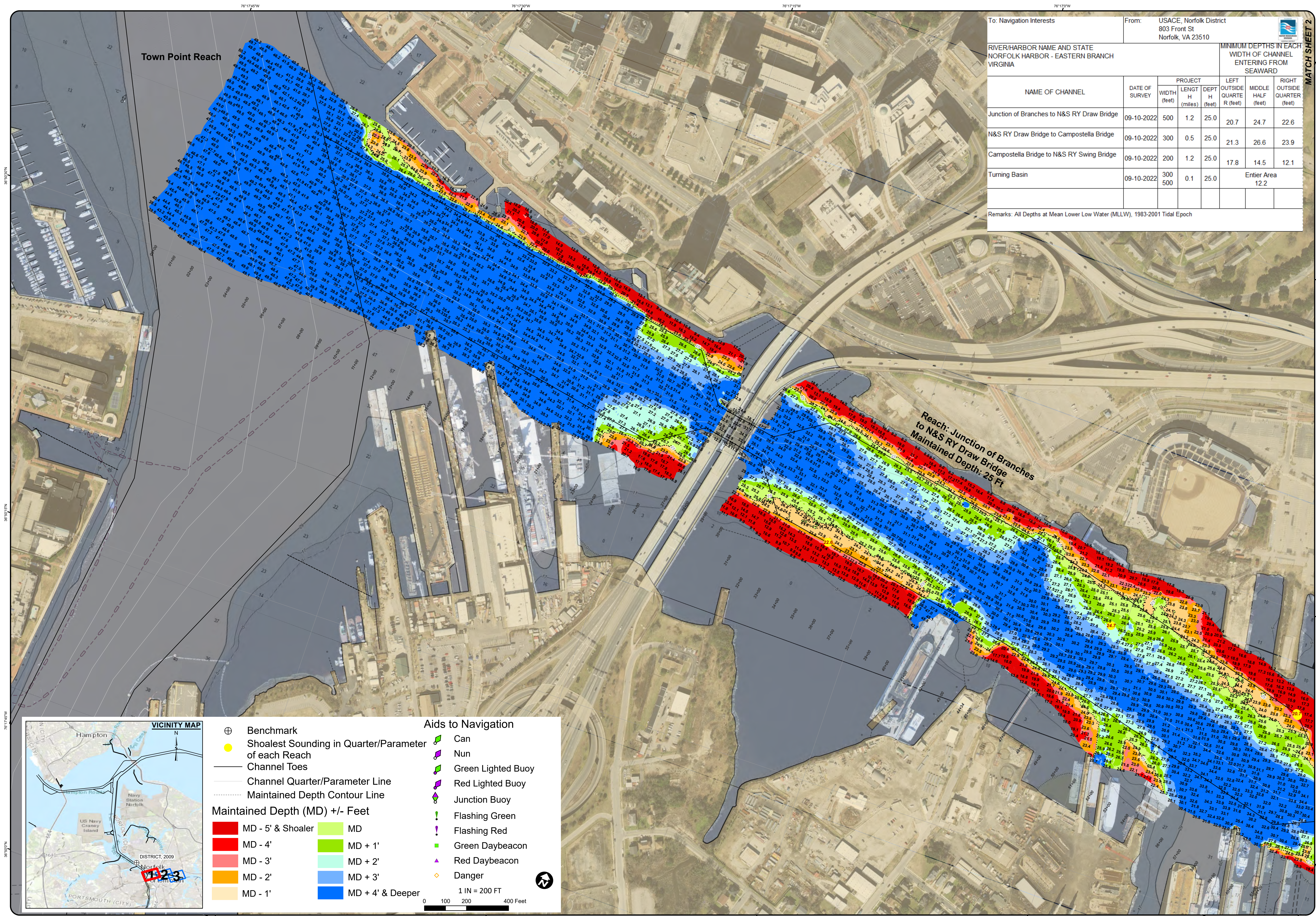




To: Navigation Interests		From: USACE, Norfolk District 803 Front St Norfolk, VA 23510					
RIVER/HARBOR NAME AND STATE NORFOLK HARBOR - EASTERN BRANCH VIRGINIA				MINIMUM DEPTHS IN EACH WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	PROJECT			LEFT OUTSIDE QUARTE R (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGT H (miles)	DEPT H (feet)			
Junction of Branches to N&S RY Draw Bridge	09-10-2022	500	1.2	25.0	20.7	24.7	22.6
N&S RY Draw Bridge to Campostella Bridge	09-10-2022	300	0.5	25.0	21.3	26.6	23.9
Campostella Bridge to N&S RY Swing Bridge	09-10-2022	200	1.2	25.0	17.8	14.5	12.1
Turning Basin	09-10-2022	300 500	0.1	25.0	Entier Area 12.2		
Remarks: All Depths at Mean Lower Low Water (MLLW), 1983-2001 Tidal Epoch							

US Army Corps
of Engineers
Norfolk District

NOTES:

1. PROJECT A CHANNEL 25 FT DEEP 500 FT WIDE AND 1.2 MILES LONG FROM THE JUNCTION OF THE BRANCHES TO THE NORFOLK SOUTHERN RY BRIDGE THENCE A CHANNEL 25 FT DEEP 300 FT WIDE AND 0.5 MILES LONG TO THE CAMPOTELLA BRIDGE THENCE A CHANNEL 25 FT DEEP 200 FT WIDE AND 1.2 MILES LONG TO THE NORFOLK SOUTHERN RY BRIDGE WITH A TURNING BASIN 25 FT DEEP AND APPROXIMATELY 5.5 AC IN EXTENT AT THE UPPER END.
2. NOT FOR NAVIGATION USE. THE INFORMATION DERIVED 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.
3. SOUNDINGS: SHOWN IN FEET CENTERED ON POINT OF SHOALEST DEPTH IN 25 FT RADII GENERATED FROM HYDROGRAPHIC DATA.
4. BACKGROUND: NOAA GIS WEB MAPPING SERVICE AND VIRGINIA BASE MAP MOST RECENT IMAGERY GIS 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	IMPLIED VERTICAL ACCURACY: +/- 0.25 FEET	VERTICAL CONTROL: POSPAC	MDL
DATUM NAME: VIRGINIA SOUTH ZONE	US SURVEY FEET	LEICA SMART NET	393
PROJECTED COORDINATE SYSTEM: STATE PLANE	VIRGINIA SOUTH ZONE	US SURVEY FEET	LEICA SMART NET
DATUM NAME: VIRGINIA SOUTH ZONE	US SURVEY FEET	LEICA SMART NET	393
IMPLIED HORIZONTAL ACCURACY: +/- 3.3 FEET	MONUMENT: CE DISTRICT, 2009	MLLW	6.00'
HORIZONTAL CONTROL: CE DISTRICT, 2009	NAVDBS	4.21(GEOD18)	AREA
GEODETIC CONTROL MONUMENTS	MEAN RANGE OF TIDE	2.71'	0+0.10 / 154+61

**NORFOLK HARBOR
EASTERN BRANCH**

PROJECT CONDITION SURVEY

SURVEY DATES:
September 10 & 11, 2022

SHEET 1 of 3
Map Produced: 10/6/2022

APPROVED:

Jeff Swallow
Chief, Navigation Analysis Section

APPROVED:

Eric Legaspi
Chief, Navigation Support and Survey Section

SURVEY BY: GBA, INC.
#HYDRO FILE: NH_30_WEB_20220910_CS

