

Legend

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

Bathymetry

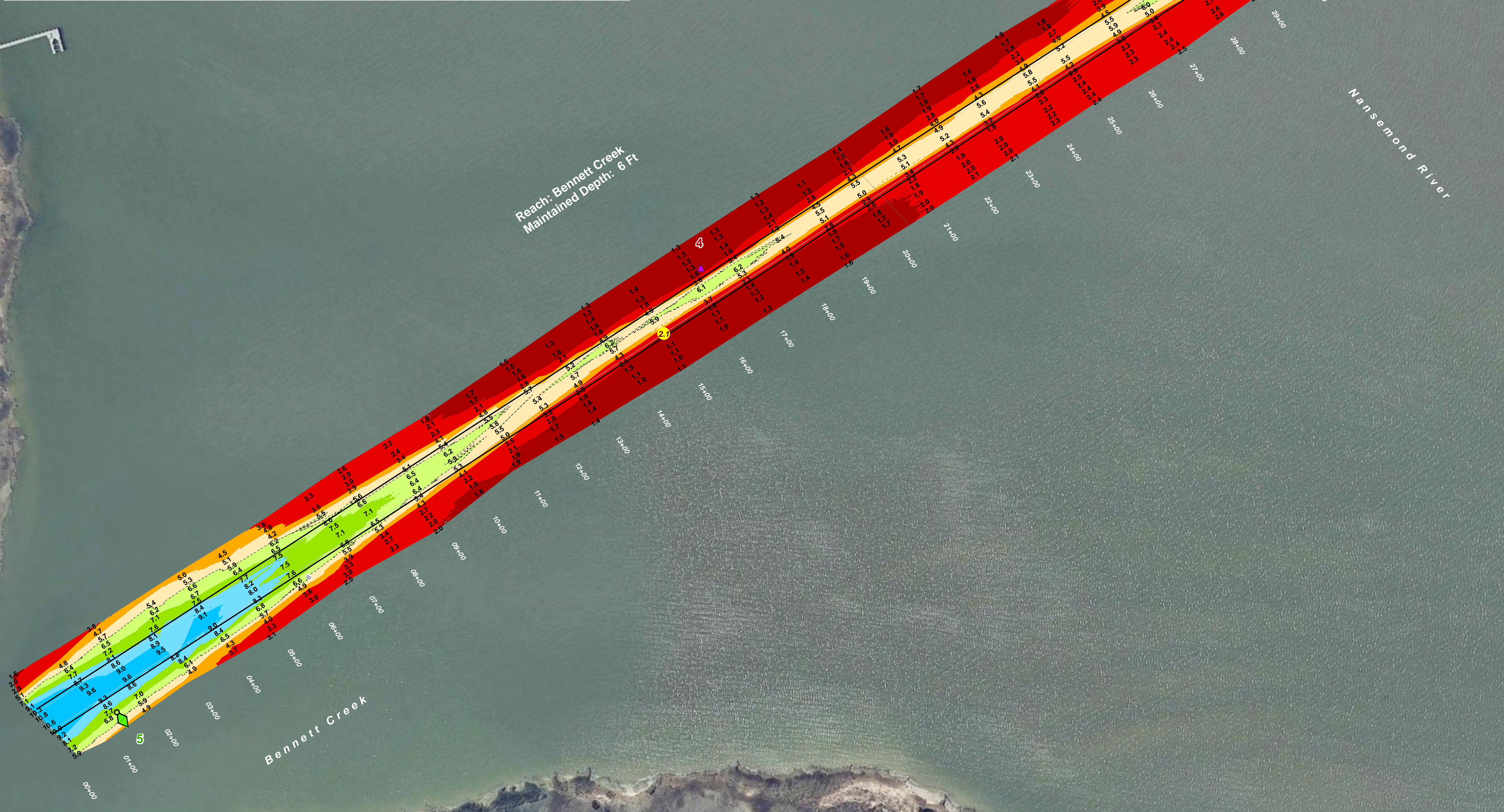
0' - 1.9'	7' - 7.9'
2' - 3.9'	8' - 8.9'
4' - 4.9'	9' - 10.9'
5' - 5.9'	11' and Deeper
6' - 6.9'	

0 50 100 200 Feet
1 inch = 100 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 BENNETT CREEK VIRGINIA					
MINIMUM DEPTHS (FT) 80% OF CHANNEL ENTERING FROM SEAWARD					
NAME OF CHANNEL	DATE OF SURVEY	PROJECT			80% of Project Width - 40% on Either Side of Center Line
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)	
Bennett Creek	07-19-2016	60	0.60	6	2.1
Remarks: All Depths at Mean Lower Low Water (MLLW), 1983-2001 Tidal Epoch					



NOTES:

1. PROJECT: A CHANNEL 6 FEET DEEP AND 60 FEET WIDE FROM THE 6 FOOT CONTOUR IN THE NANSEMOND RIVER.
2. 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.
3. SOUNDINGS: SHOWN IN FEET CENTERED ON POINT OF SHOALEST DEPTH IN 16 FT RADIUS GENERATED FROM HYDRO SURVEY DATA.
4. BACKGROUND: VIRGINIA BASE MAPPING PROGRAM 2013 IMAGERY.
5. ADS TO NAVIGATION LOCATED WITH SURVEY VESSEL +/- 10 FEET.
6. SURVEY XYZ (.XYZ) AND METADATA (.MET) FILE NAME REFERENCED BY #HYDRO FILE NAME.

PROJECTED COORDINATE SYSTEM: DATUM NAME: NAD 83 ZONE: 18N UNIT: US SURVEY FEET HORIZONTAL CONTROL: MONUMENTS: USCG DGPS	STATE PLANE: NAD 83 US SURVEY FEET MONUMENTS: USCG DGPS	VERTICAL REFERENCE DATUM: MLLW TIDAL EPOCH: 1983-2001 SYSTEM: SINGLE BEAM METHOD: NA BIN SIZE: NA BIN SELECTION METHOD: NA	VERTICAL CONTROL MONUMENTS NOS MLLW IN TIDE EPOCH: 1983-2001
MONUMENT: CE 'Danka-Cullen, 2012'	MLLW: 15.87'	MEAN RAISE OF TIDE: 3.00'	AREA: 00+00 to 33+50
NAVDBS: 14.15(GEODI2A)	TIDE APPLICATION: Direct		

BENNETT CREEK

PROJECT CONDITION SURVEY

SURVEY DATE:
July 19, 2016

SURVEY BY: USACE Team Lead, J. Moore, Jr.
MAP NO.: BNC-2016-07-19-03
#HYDRO FILE: BC_01_BNC_20160719_CS