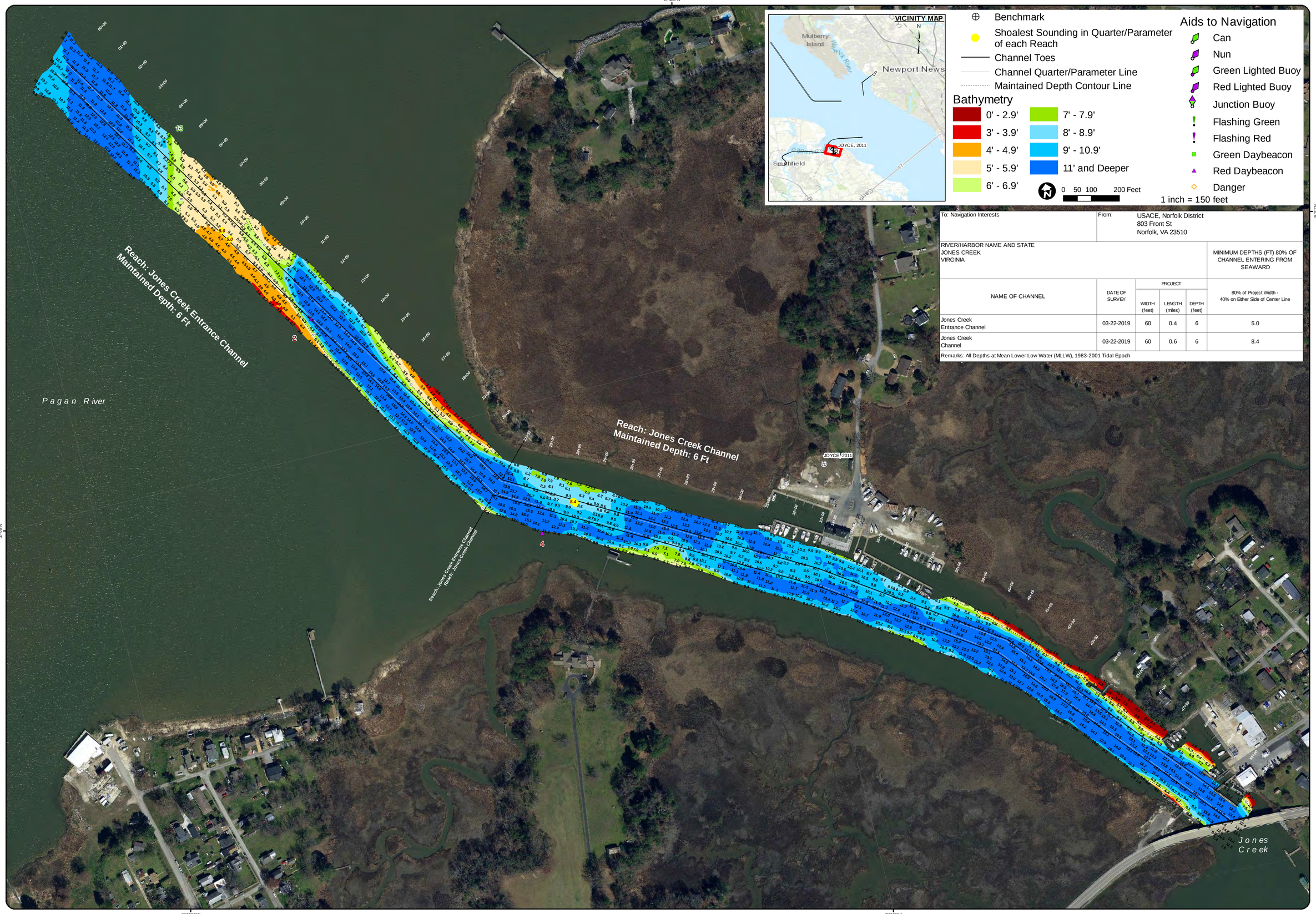

To: Navigation Interests

From: USACE, Norfolk District
803 Front St
Norfolk, VA 23510

RIVER/HARBOR NAME AND STATE
JONES CREEK
VIRGINIA

MINIMUM DEPTHS (FT) 80% OF CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	DATE OF SURVEY	PROJECT WIDTH (feet)	PROJECT LENGTH (miles)	PROJECT DEPTH (feet)	80% of Project Width - 40% on Either Side of Center Line
Jones Creek Entrance Channel	03-22-2019	60	0.4	6	5.0
Jones Creek Channel	03-22-2019	60	0.6	6	8.4

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

US Army Corps of Engineers
Norfolk District

NOTES:
1. AN APPROACH CHANNEL 6 FEET DEEP AT MEAN LOWER LOW WATER (MLLW), AND 60 FEET WIDE, FROM DEEP WATER IN THE PAGAN RIVER TO THE STATE HIGHWAY ROUTE 704 BRIDGE AT RESCUE, VIRGINIA.
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 20 FT RADIUS GENERATED FROM HYDROSURVEY DATA.
4. BACKGROUND: VIRGINIA BASE MAPPING PROGRAM MOST RECENT IMAGERY GIS WEB SERVICE.
5. AIDS TO NAVIGATION LOCATED WITH SURVEY VESSEL +/- 10 FEET.
6. SURVEY XYZ (*.XYZ) AND METADATA (*.MET) FILE NAME REFERENCED BY eHYDRO FILE NAME.

PROJECTED COORDINATE SYSTEM: STATE PLANE
NAD 1983 (2011)
HORIZONTAL ZONE: VIRGINIA SOUTH ZONE
PROJECTED COORDINATE UNITS: US SURVEY FEET
NAVD 88 (GEOID12B) VERTICAL DATUM
HORIZONTAL CONTROL: LEICA SMART NET

VERTICAL REFERENCE DATUM: NOS MLLW
VERTICAL DATUM: 1983-2001
IMPLIED VERTICAL ACCURACY: +/- 0.5 FEET
VERTICAL CONTROL: RTK/LEICA SMART NET
HORIZONTAL CONTROL: RETHYMO-NAD83
SYSTEM/METHOD: MULTI-BEAM
BIN SIZE: 5X5
BIN SELECTION METHOD: AVERAGE CELL CENTER

GEODETIC CONTROL MONUMENTS

MONUMENT	MLLW	NAVD88	MEAN RANGE OF TIDE
CE 'JOYCE, 2011'	4.20'	2.66'(GEOID12B)	2.51'

AREA
00+00 to 50+66

JONES CREEK
PROJECT CONDITION SURVEY

SURVEY DATE:
March 22, 2019

SURVEY BY: USACE Team Lead: Joseph N. Moore Jr.
eHYDRO FILE: JN_01_JNC_20190322_CS

SHEET 1 of 1
Map Produced: 4/1/2019

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