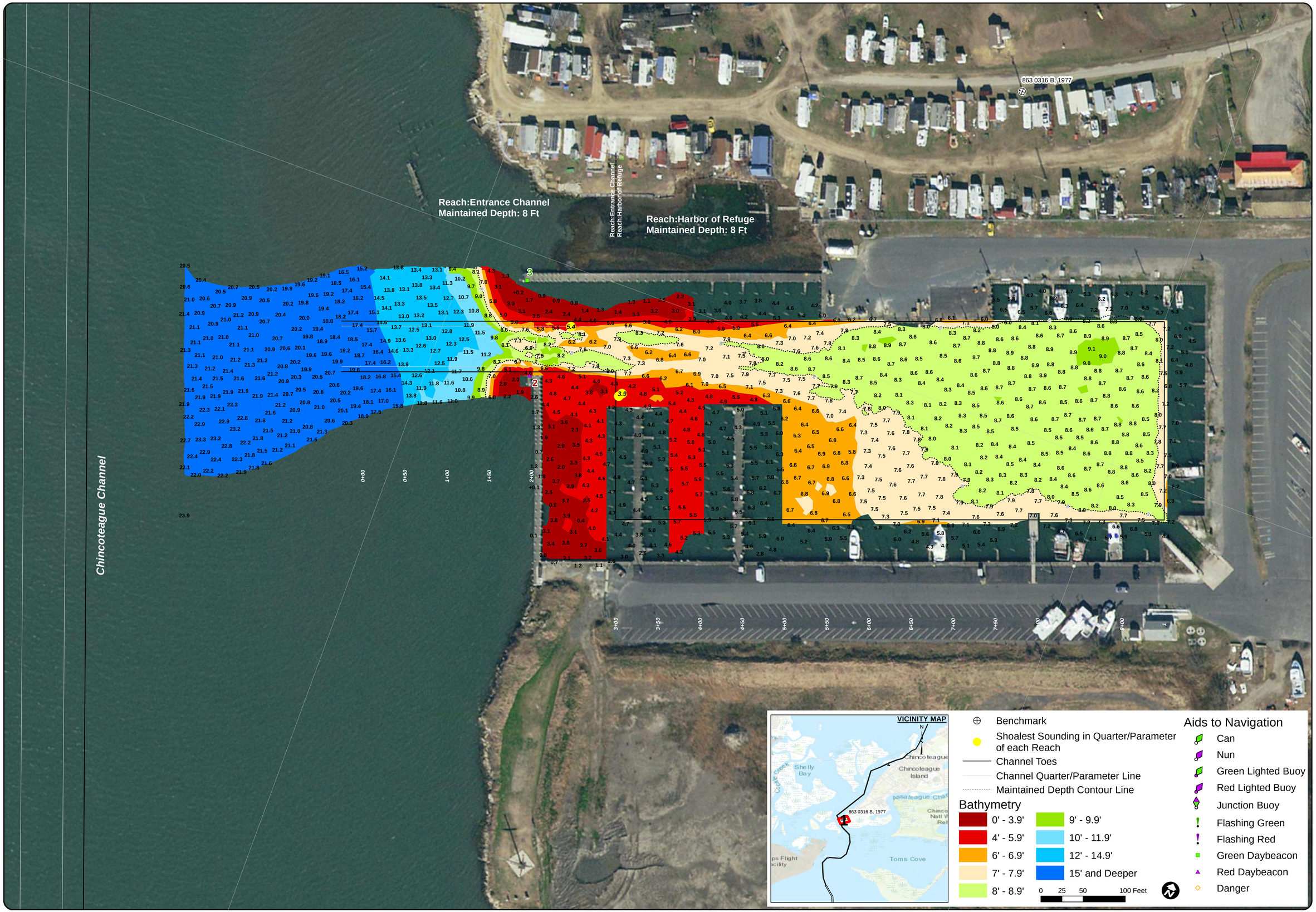

US Army Corps of Engineers
Norfolk District

NOTES:

1. PROJECT: A CHANEL 8 FEET DEEP AND 60 FEET WIDE FROM "THE CANAL" TO AND INCLUDING A BASIN OF THE SAME DEPTH, 235 FEET WIDE AND 650 FEET LONG.
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 15 FT RADIUS.
4. BACKGROUND: VIRGINIA BASE MAPPING PROGRAM MOST RECENT IMAGERY GIS 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 FILE NO.

PROJECTED COORDINATE SYSTEM: STATE PLANE
DATUM/ZONE: NAD83
HORIZONTAL ZONE: VIRGINIA SOUTH ZONE
PROJECTED COORDINATE UNITS: US SURVEY FEET
HORIZONTAL ACCURACY: +/- 1.0 FEET
HORIZONTAL CONTROL: LEICA SMART NET

VERTICAL REFERENCE DATUM: NOS MLLW
VERTICAL EPOCH: 1983-2001
IMPLIED VERTICAL ACCURACY: +/- 0.5 FEET
VERTICAL CONTROL: RTK/LEICA SMART NET
ITRF-14 EPOCH 2020.0 DATUM MDL
NOS/NGS GEOID18 MODEL
SYSTEM/METHOD: MULTI-BEAM
BIN SIZE: 5X5
BIN SELECTION METHOD: AVERAGE CELL CENTER

GEODETIC CONTROL MONUMENTS

MONUMENT	MLLW	NAVD88	MEAN RANGE OF TIDE	AREA
NOS 863 0316 B, 1977	5.70	4.22(GEOID18)	2.36	00+00 to 08+00

CHINCOTEAGUE HARBOR OF REFUGE

PROJECT CONDITION SURVEY (AFTER DREDGING)

SURVEY DATES:
September 15 & 16, 2020

SURVEY BY: USACE Team Lead: Dustin Brooke/Mike Williams
eHYDRO FILE: CH_01_CHR_20200915_AD

SHEET 1 of 1
Map Produced: 9/28/2020

APPROVED:
Jeff Swallow
Digitally signed by Jeff Swallow
Date: 2020.09.30 13:53:00 -04'00'
Chief, Navigation Analysis Section

APPROVED:
Eric Legaspi
Digitally signed by Eric Legaspi
Date: 2020.09.30 14:49:50 -04'00'
Chief, Navigation Support and Survey Section