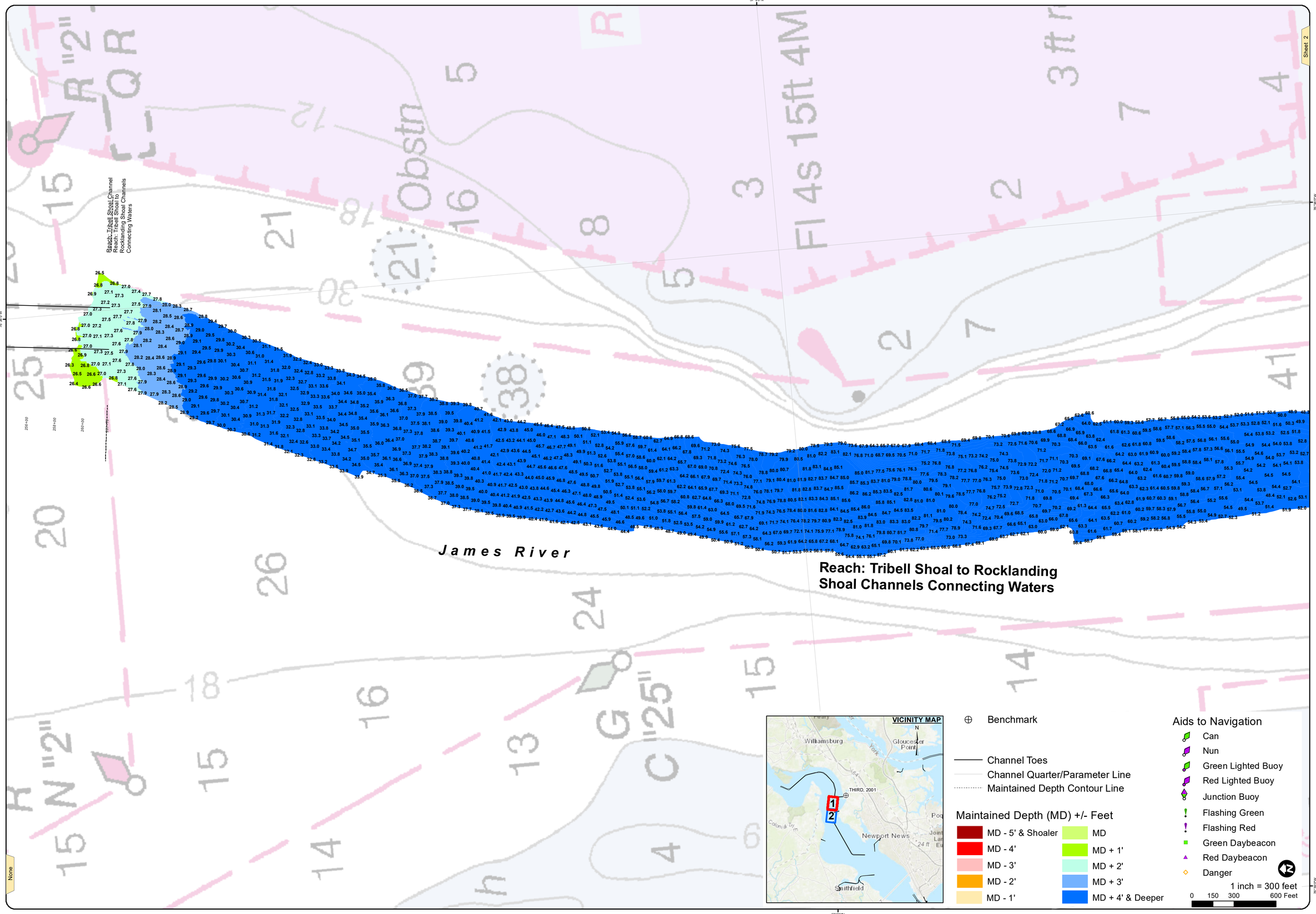


US Army Corps of Engineers
Norfolk District

NOTES:

1. PROJECT: ACHANNEL 300 FEET WIDE AND 35 FEET DEEP. MAINTAINED AT A DEPTH OF 25 FT.
2. NOT FOR NAVIGATION. 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 75 FT RADIUS GENERATED FROM HYDROSURVEY DATA
4. BACKGROUND: NOAA RASTER CHART 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 eHYDRO FILE NAME.

PROJECTED COORDINATE SYSTEM: STATE PLANE
DATUM/ELLIPSOID: NAD83
HORIZONTAL ZONE: VIRGINIA SOUTH ZONE
PROJECTED COORDINATE UNITS: US SURVEY FEET
IMPLIED VERTICAL ACCURACY: +/- 0.5 FEET
HORIZONTAL CONTROL: RTK/LEICA SMART NET

VERTICAL REFERENCE DATUM: NOS MLLW
VERTICAL CONTROL: RTK/LEICA SMART NET
IMPLIED VERTICAL ACCURACY: +/- 0.5 FEET
VERTICAL CONTROL: RTK/LEICA SMART NET
SYSTEM/METHOD: MULTI-BEAM
BIN SIZE: 5x5
BIN SELECTION METHOD: AVERAGE CELL CENTER

GEODETIC CONTROL MONUMENTS

MONUMENT	MLLW	NAVD88
NA	NA	NA

MEAN RANGE OF TIDE: NA
AREA: NA

JAMES RIVER
TRIBELL SHOAL TO ROCKLANDING SHOAL CHANNELS CONNECTING WATERS
PROJECT CONDITION SURVEY

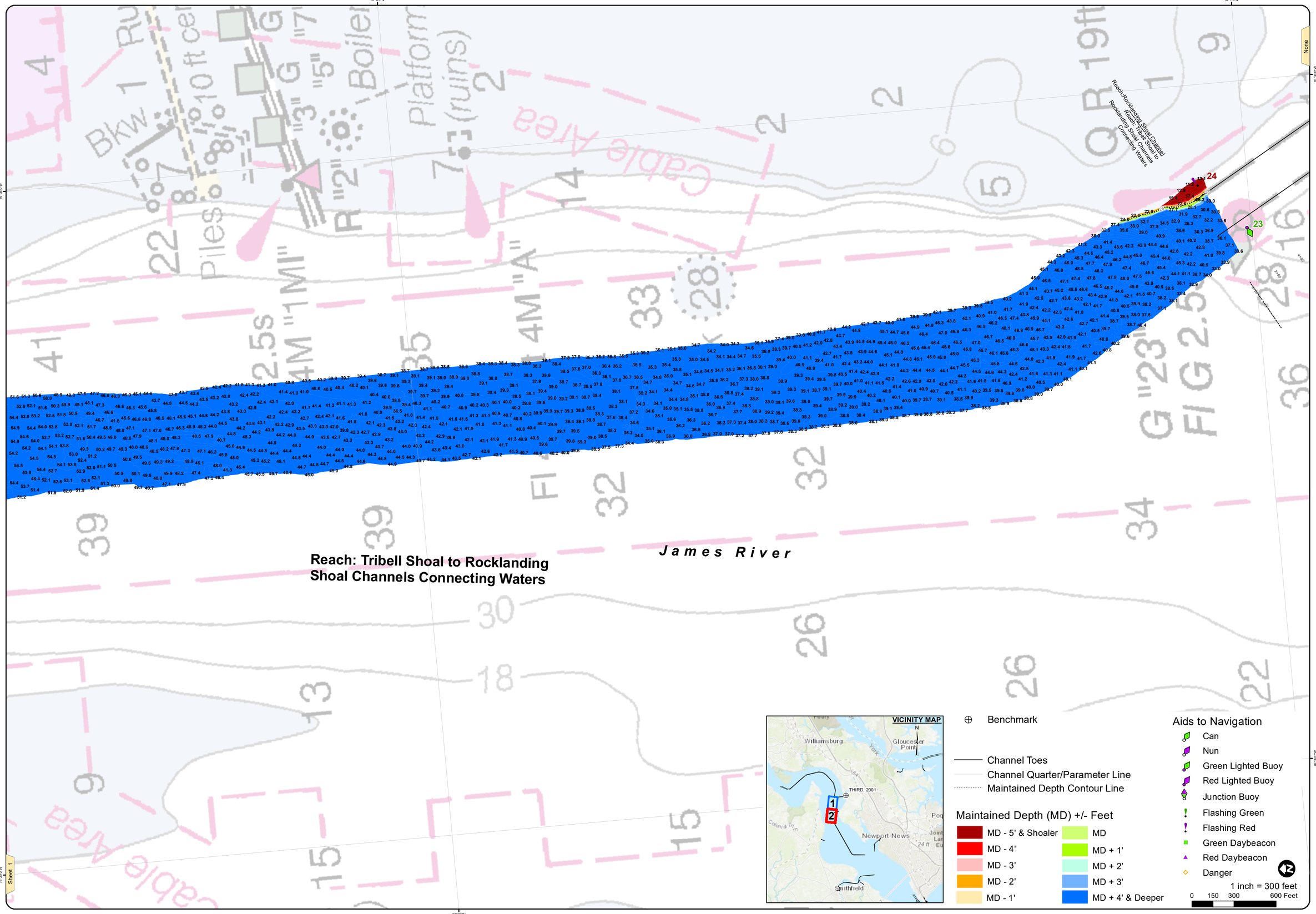
SURVEY DATE: MAY 27, 2020

SURVEY BY: USACE Team Lead: Mike Williams
eHYDRO FILE: JR_62_T2R_20200527_CS

SHEET 1 of 2
Map Produced: 6/5/2020

APPROVED:
Jeff Swallow
Chief, Navigation Analysis Section
Digitally signed by Jeff Swallow
Date: 2020.06.05 12:12:25 -04'00'

APPROVED:
Eric Legaspi
Chief, Navigation Support and Survey Section
Digitally signed by Eric Legaspi
Date: 2020.06.16 09:13:31 -04'00'



US Army Corps of Engineers
Norfolk District

NOTES:

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4. BACKGROUND: NOAA RASTER CHART 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 eHYDRO FILE NAME.

PROJECTED COORDINATE SYSTEM: STATE PLANE
DATUM/DATUM AREA: NAD 83 - VIRGINIA
HORIZONTAL ZONE: VIRGINIA SOUTH ZONE
PROJECTED COORDINATE UNITS: US SURVEY FEET
IMPLIED VERTICAL ACCURACY: +/- 0.5 FEET
HORIZONTAL CONTROL: RTK/LEICA SMART NET

VERTICAL REFERENCE DATUM: NOS MLLW
TIDAL DATUM AREA: NOS - VIRGINIA
IMPLIED VERTICAL ACCURACY: +/- 0.5 FEET
VERTICAL CONTROL: RTK/LEICA SMART NET
TIDE ZONE: NOS - VIRGINIA MDL
SYSTEM/METHOD: MULTI-BEAM
BIN SIZE: 5x5
BIN SELECTION METHOD: AVERAGE CELL CENTER

GEODETIC CONTROL MONUMENTS

MONUMENT	MLLW	NAVD88	MEAN RANGE OF TIDE	AREA
N/A	N/A	N/A	N/A	N/A

JAMES RIVER
TRIBELL SHOAL TO ROCKLANDING SHOAL CHANNELS CONNECTING WATERS
PROJECT CONDITION SURVEY

SURVEY DATE: MAY 27, 2020

SURVEY BY: USACE Team Leader Mike Williams
eHYDRO FILE: JR_82_TQR_20200527_CS

SHEET 2 of 2
Map Produced: 6/5/2020

APPROVED:
Chief, Navigation Analysis Section

APPROVED:
Chief, Navigation Support and Survey Section