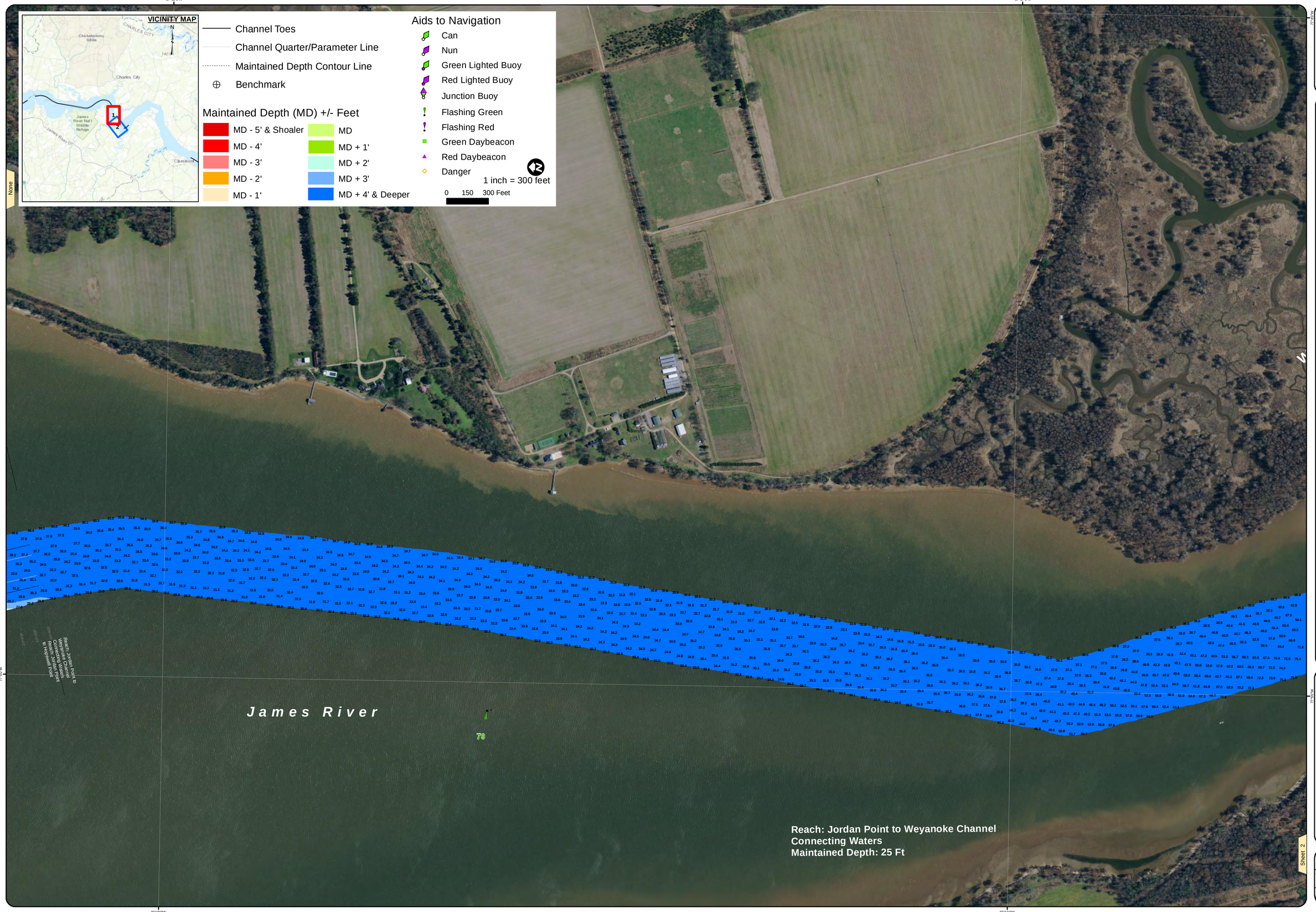


US Army Corps of Engineers
Norfolk District

NOTES:

1. PROJECT: A CHANNEL 300 FEET WIDE AND 25 FEET DEEP, MAINTAINED AT A DEPTH OF 25 FT.
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 75 FT RADIUS GENERATED FROM HYDROSURVEY DATA
4. BACKGROUND: NOAA RNC 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
HORIZONTAL DATUM:	NAD 1983
HORIZONTAL ZONE:	VIRGINIA SOUTH ZONE
PROJECTED COORDINATE UNITS:	US SURVEY FEET
HORIZONTAL CONTROL ACCURACY:	+/- 1.0 FEET
HORIZONTAL CONTROL:	RTK/LEICA SMART NET
VERTICAL REFERENCE DATUM:	NGS MLLW
VERTICAL DATUM:	NAVD88
IMPLIED VERTICAL ACCURACY:	+/- 0.5 FEET
VERTICAL CONTROL:	RTK/LEICA SMART NET
VERTICAL METHOD:	RTK/NAVD88 VDATUM 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
JORDAN POINT TO WEYANOKE CHANNEL CONNECTING WATERS
PROJECT CONDITION SURVEY

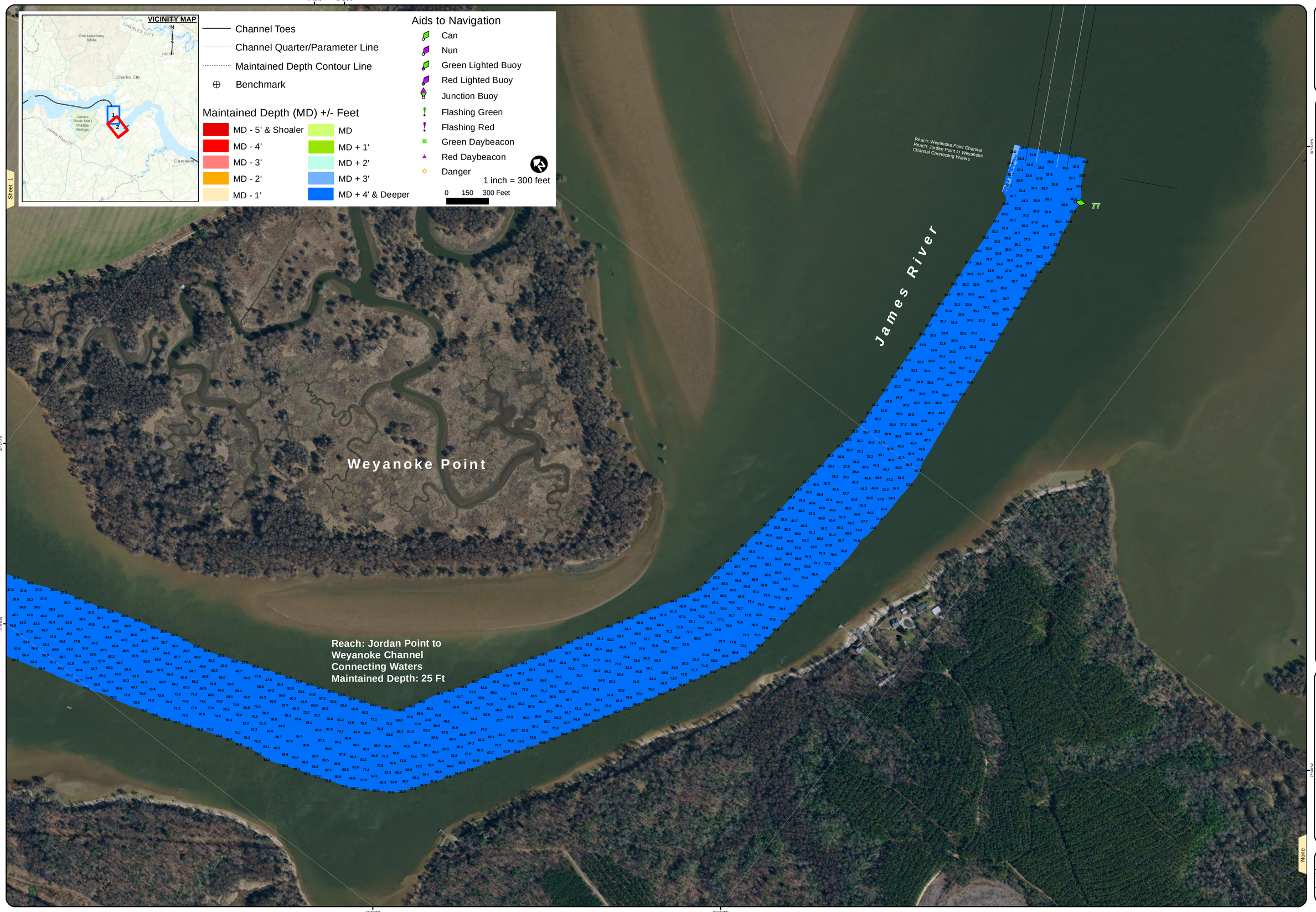
SURVEY DATES:
June 2, 4, 9, & 11, 2020

SURVEY BY: USACE Team Lead: Mike Williams
eHYDRO FILE: JR_JB_2JW_20200602_CS

SHEET 1 of 2
Map Produced: 7/15/2020

APPROVED:
Jeff Swallow
Digitally signed by Jeff Swallow
Date: 2020.07.20 08:00:00 -04'00'
Chief, Navigation Analysis Section

APPROVED:
Eric Legaspi
Digitally signed by Eric Legaspi
Date: 2020.07.21 11:10:34 -05'00'
Chief, Navigation Support and Survey Section



US Army Corps of Engineers
Norfolk District

NOTES:

1. PROJECT: A CHANNEL 300 FEET WIDE AND 35 FEET DEEP, MAINTAINED AT A DEPTH OF 25 FT.
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 75 FT RADIUS GENERATED FROM HYDOSURVEY DATA
4. BACKGROUND: NOAA RNC 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	VERTICAL REFERENCE DATUM:	NGS MLLW
DATUM NAME:	NAD 1983	VERTICAL DATUM:	NAVD 1988
HORIZONTAL ZONE:	VIRGINIA SOUTH ZONE	IMPLIED VERTICAL ACCURACY:	+/- 0.5 FEET
PROJECTED COORDINATE UNITS:	US SURVEY FEET	VERTICAL CONTROL:	RTK/LEICA SMART NET
HORIZONTAL ACCURACY:	+/- 1.0 FEET	VERTICAL DATUM:	NAVD88 GEOID 12A
HORIZONTAL CONTROL:	RTK/LEICA SMART NET	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
JORDAN POINT TO WEYANOKE CHANNEL CONNECTING WATERS
PROJECT CONDITION SURVEY

SURVEY DATES:
June 2, 4, 9, & 11, 2020

SURVEY BY: USACE Team Lead: Mike Williams
eHYDRO FILE: JR_98_20W_20200602.CS

SHEET 2 of 2
Map Produced: 7/15/2020

APPROVED:

Chief, Navigation Analysis Section

APPROVED:

Chief, Navigation Support and Survey Section