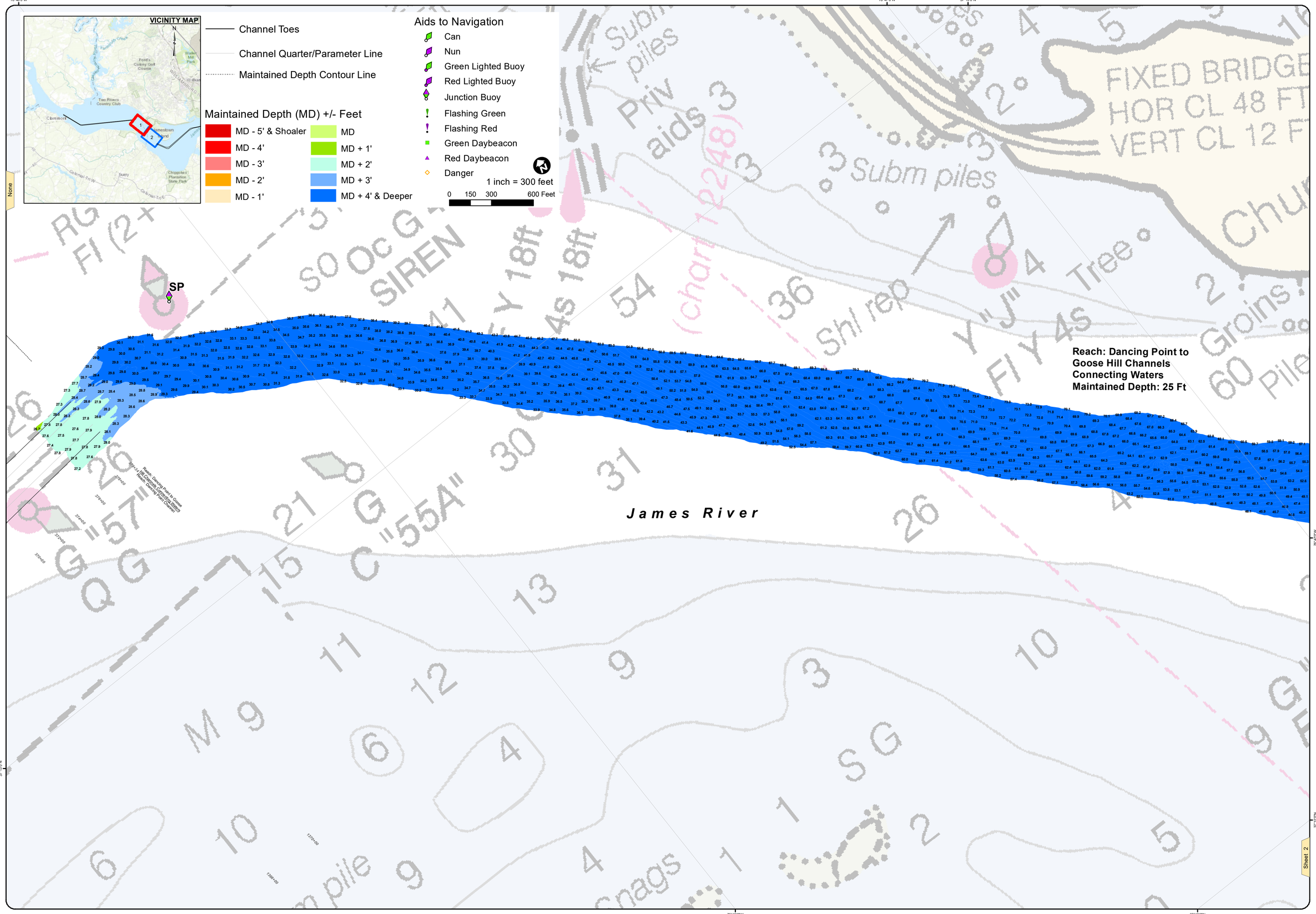


US Army Corps of Engineers Norfolk District

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 HYDROSURVEY DATA
4. BACKGROUND: NOAA CHART 12251 & 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 NAME:	NAD83
HORIZONTAL ZONE:	VIRGINIA SOUTH ZONE
PROJECTED COORDINATE UNITS:	US SURVEY FEET
IMPLIED HORIZONTAL ACCURACY:	+/- 0.5 FEET
HORIZONTAL CONTROL:	RTK/LEICA SMART NET

VERTICAL REFERENCE DATUM:	MOS MLLW
TIDAL EPOCH:	1983-2001
IMPLIED VERTICAL ACCURACY:	+/- 0.5 FEET
VERTICAL CONTROL:	RTK/LEICA SMART NET
VERTICAL DATUM:	ELLIPSOID TO MSL
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 DANCING POINT TO GOOSE HILL CHANNELS CONNECTING WATERS PROJECT CONDITION SURVEY

SURVEY DATE: May 28, 2020

SURVEY BY: USACE Team Lead: Mike Williams

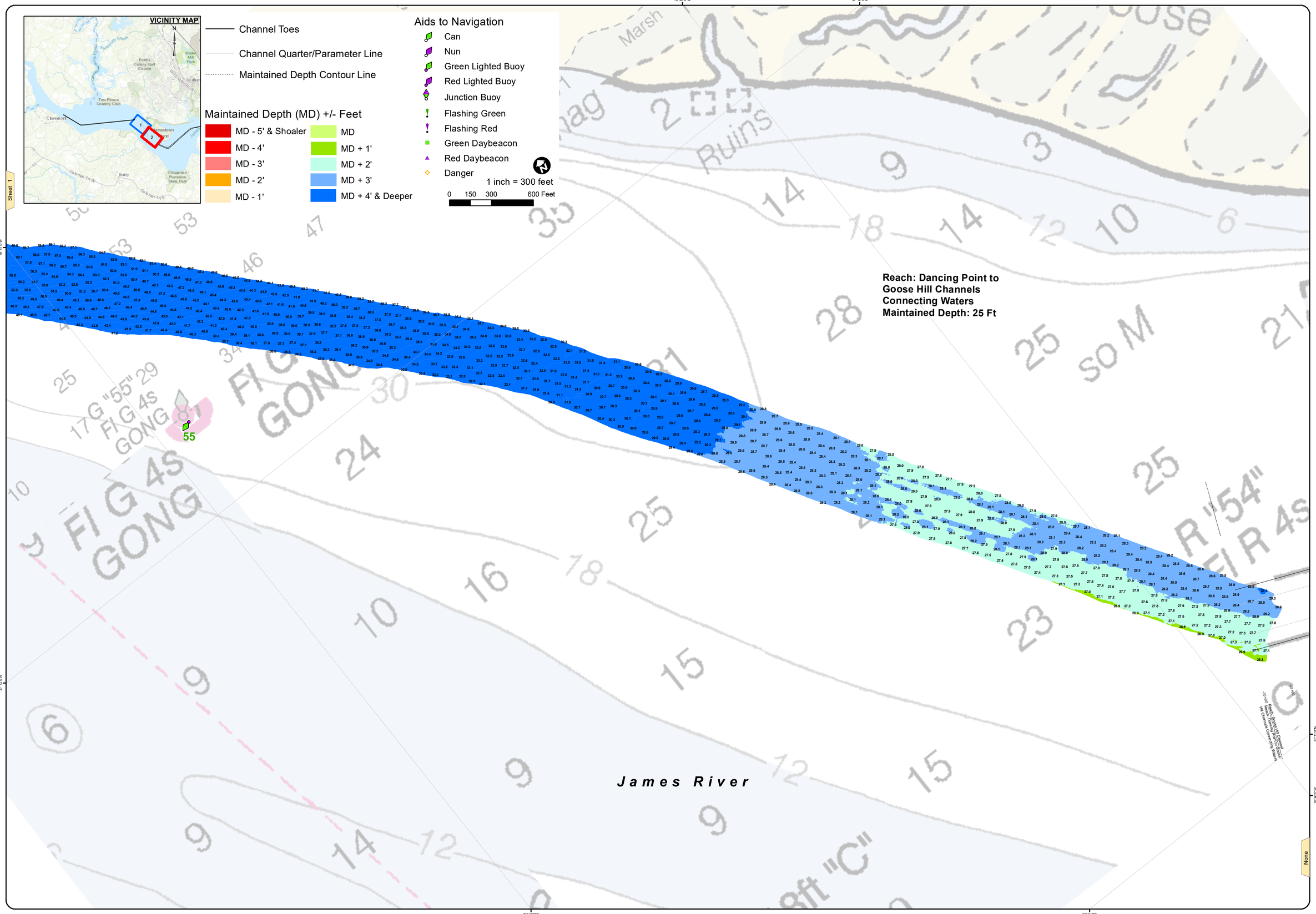
eHYDRO FILE: JR_54_DJG_20200828_CS

SHEET 1 of 2

Map Produced: 6/5/2020

APPROVED: Jeff Swallow — Digitally signed by Jeff Swallow, Date: 2020.06.12 15:05:25 -04'00'
Chief, Navigation Analysis Section

APPROVED: Eric Legaspi — Digitally signed by Eric Legaspi, Date: 2020.06.16 09:09:34 -04'00'
Chief, Navigation Support and Survey Section



US Army Corps of Engineers
Norfolk District

NOTES:

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4. BACKGROUND: NOAA CHART 12251 & 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 NAME: NAD83
HORIZONTAL ZONE: VIRGINIA SOUTH ZONE
PROJECTED COORDINATE UNITS: US SURVEY FEET
INVERSE VERTICAL ACCURACY: +/- 0.5 FEET
HORIZONTAL CONTROL: RTKLELICA SMART NET

VERTICAL REFERENCE DATUM: NOS MLLW
VERTICAL DATUM: NAVD88
IMPLIED VERTICAL ACCURACY: +/- 0.5 FEET
VERTICAL CONTROL: RTKLELICA SMART NET
TIDE ZONE: NOS ACCEPTED MLL
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 DANCING POINT TO GOOSE HILL CHANNELS CONNECTING WATERS PROJECT CONDITION SURVEY

SURVEY DATE: May 28, 2020

SURVEY BY: USACE Team Lead: Mike Williams

eHYDRO FILE: JR_04_DXG_20200828_CS

SHEET 2 of 2

Map Produced: 6/5/2020

APPROVED:

Chief, Navigation Analysis Section

APPROVED:

Chief, Navigation Support and Survey Section