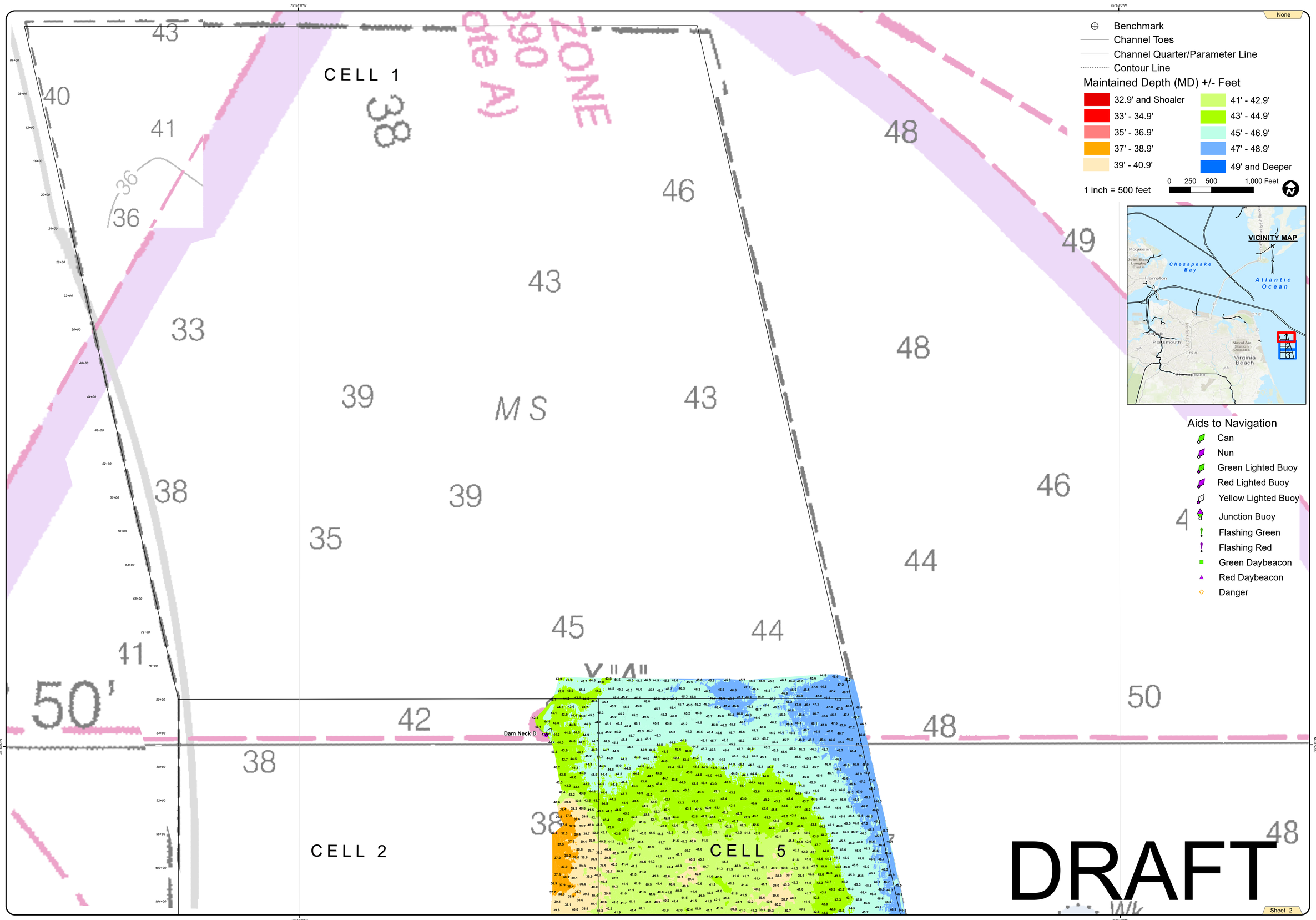


US Army Corps of Engineers
Norfolk District

NOTES:

1. PROJECT: A DREDGED MATERIAL MANAGEMENT AREA CONSISTING OF 7 CELLS APPROXIMATELY 2.5 MILES WIDE AND APPROXIMATELY 6.2 MILES LONG IN THE ATLANTIC OCEAN.
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 100 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 NAME: NAD 83
HORIZONTAL ZONE: VIRGINIA SOUTH ZONE
PROJECTED COORDINATE UNITS: US SURVEY FEET
IMPLIED HORIZONTAL ACCURACY: +/- 0.5 FOOT
HORIZONTAL CONTROL: LEICA SMARTNET

VERTICAL REFERENCE DATUM: NOS MLLW
TIDAL EPOCH: 1983-2001
IMPLIED VERTICAL ACCURACY: +/- 0.5 FOOT
VERTICAL CONTROL: N/A
TIDE APPLICATION: ZONING NOAA
SYSTEM/METHOD: MULTI-BEAM
BIN SIZE: 5x5'
BIN SELECTION METHOD: MEDIAN CELL CENTER

GEODETIC CONTROL MONUMENTS

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

NORFOLK HARBOR
DAM NECK MANAGEMENT SITE
PROJECT CONDITION SURVEY
(BEFORE DREDGING)

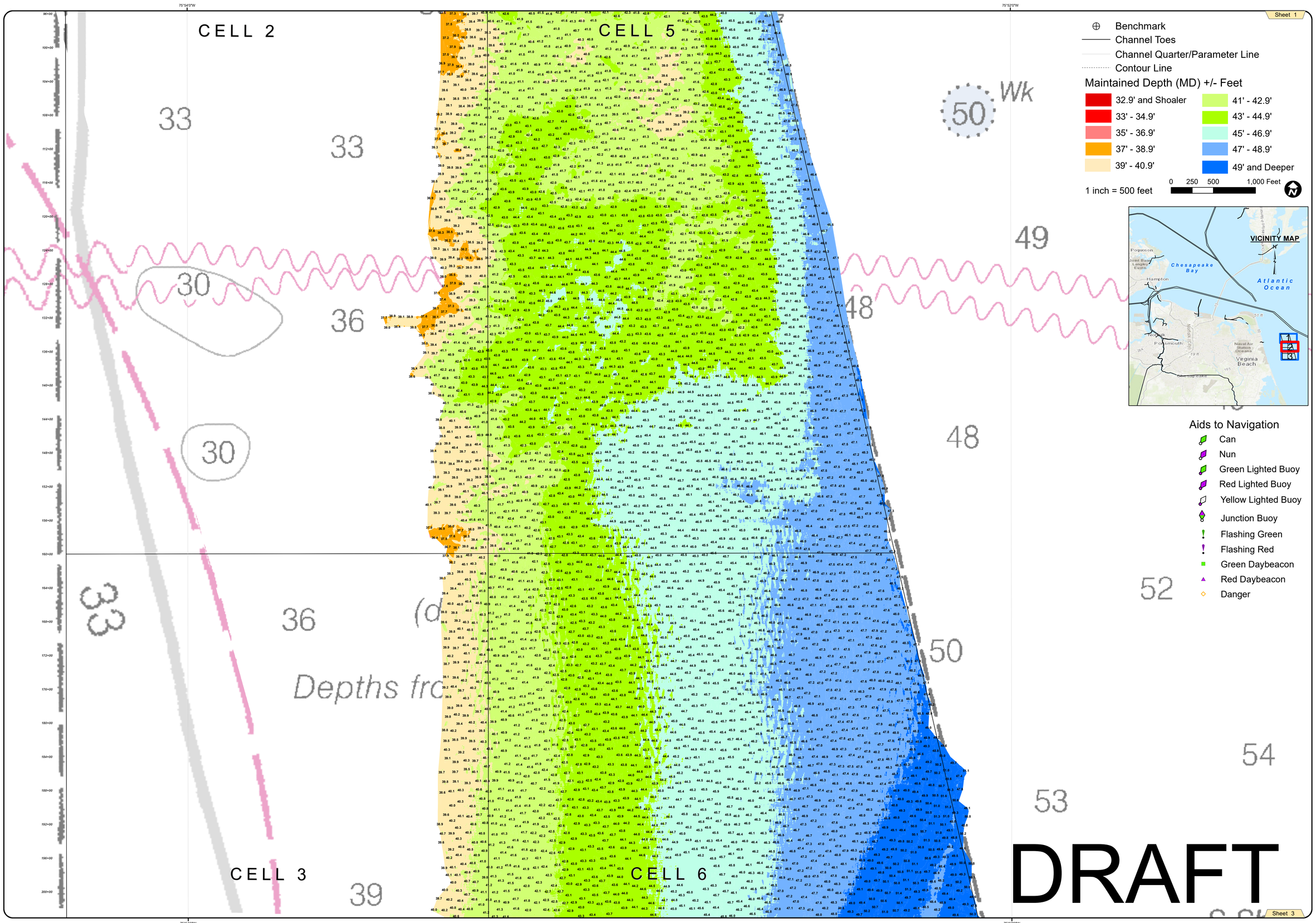
SURVEY DATES:
October 30, 2019
November 2, 4, 5 & 11, 2019

SURVEY BY: Waterway Surveys & Engineering
eHYDRO FILE: PL_01_DNP_20191111_BD

SHEET 1 of 3
Map Produced: 12/19/2019

APPROVED:
Chief, Navigation Analysis Section

APPROVED:
Chief, Navigation Support and Survey Section



US Army Corps of Engineers
Norfolk District

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DATUM NAME: NAD 83
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PROJECTED COORDINATE UNITS: US SURVEY FEET
IMPLIED HORIZONTAL ACCURACY: +/- 0.5 FOOT
HORIZONTAL CONTROL: LEICA SMARTNET

VERTICAL REFERENCE DATUM: NOS MLLW
TIDAL EPOCH: 1983-2001
IMPLIED VERTICAL ACCURACY: +/- 0.5 FOOT
VERTICAL CONTROL: N/A
TIDE APPLICATION: ZONING NOAA
SYSTEM/METHOD: MULTI-BEAM
BIN SIZE: 5x5'
BIN SELECTION METHOD: MEDIAN CELL CENTER

GEODETIC CONTROL MONUMENTS

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

NORFOLK HARBOR DAM NECK MANAGEMENT SITE PROJECT CONDITION SURVEY (BEFORE DREDGING)

SURVEY DATES:
October 30, 2019
November 2, 4, 5 & 11, 2019

SURVEY BY: Waterway Surveys & Engineering
eHYDRO FILE: PL_01_DNP_20191111_BD

SHEET 2 of 3
Map Produced: 12/19/2019

APPROVED:
Chief, Navigation Analysis Section

APPROVED:
Chief, Navigation Support and Survey Section

Sheet 2

CELL 3

CELL 6

CELL 4

CELL 7

Benchmark
Channel Toes
Channel Quarter/Parameter Line
Contour Line

Maintained Depth (MD) +/- Feet

32.9' and Shoaler	41' - 42.9'
33' - 34.9'	43' - 44.9'
35' - 36.9'	45' - 46.9'
37' - 38.9'	47' - 48.9'
39' - 40.9'	49' and Deeper

1 inch = 500 feet

0 250 500 1,000 Feet

VICINITY MAP

Chesapeake Bay
Atlantic Ocean
Hampton
Norfolk
Portsmouth
Virginia Beach
Naval Air Station Oceana
Poquoson
Joint Base Langley Eustis

Aids to Navigation

- Can
- Nun
- Green Lighted Buoy
- Red Lighted Buoy
- Yellow Lighted Buoy
- Junction Buoy
- Flashing Green
- Flashing Red
- Green Daybeacon
- Red Daybeacon
- Danger

DRAFT

None

US Army Corps of Engineers
Norfolk District

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PROJECTED COORDINATE SYSTEM:	STATE PLANE
DATUM/EPOCH:	NAD83/2011
HORIZONTAL ZONE:	VIRGINIA SOUTH ZONE
PROJECTED COORDINATE UNITS:	US SURVEY FEET
IMPLIED HORIZONTAL ACCURACY:	+/- 0.5 FOOT
HORIZONTAL CONTROL:	LEICA SMARTNET

VERTICAL REFERENCE DATUM:	NOS MLLW
TIDAL EPOCH:	NOS 2007-2011
IMPLIED VERTICAL ACCURACY:	+/- 0.5 FOOT
VERTICAL CONTROL:	N/A
TIDE REFERENCE CONTROL:	ZONING NOAA
SYSTEM/METHOD:	MULTI-BEAM
BIN SIZE:	5X5
BIN SELECTION METHOD:	MEDIAN CELL CENTER

GEODETIC CONTROL MONUMENTS

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

NORFOLK HARBOR
DAM NECK MANAGEMENT SITE
PROJECT CONDITION SURVEY
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SHEET 3 of 3
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Chief, Navigation Analysis Section

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