

HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA
Morehead City Harbor

Cutoff & Range A

NORTH CAROLINA

Cutoff

Survey Date: 06 & 11-12 October 2022
Map Date: 19 October 2022
Imagery Date: 3 June 2022
© 2022 DigitalGlobe Nextview License
Scale: 1:3,000
File Name: MC_03_RGA_20221006_CS
Surveyed by: RW, JAJ, LMT
Mapped by: k7opndjm
Processed by: k7opndjm

200 100 0 200 400 600 800
Feet

1. ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "BEAUFORT", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W.
4. TIDE GAGE LOCATED AT DUKE MARINE LAB. USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UNAVAILABLE AT THE TIME OF SURVEY.
5. THIS PROJECT WAS DESIGNED BY THE WILMINGTON DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS. THE INITIALS AND SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER1110-1-8152.
6. THE INFORMATION DEPICTED ON THIS SURVEY MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME. THESE CONDITIONS ARE SUBJECT TO RAPID CHANGE DUE TO SHOALING EVENTS. A PRUDENT MARINER SHOULD NOT RELY EXCLUSIVELY ON THE INFORMATION PROVIDED HERE, REQUIRED BY 33 CFR 209.325.
7. NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL. ACCURACY +/- 3 METERS.
8. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT WWW.SAW.USACE.ARMY.MIL

TYPICAL SECTION

1
3
PROJECT
NOT TO SCALE

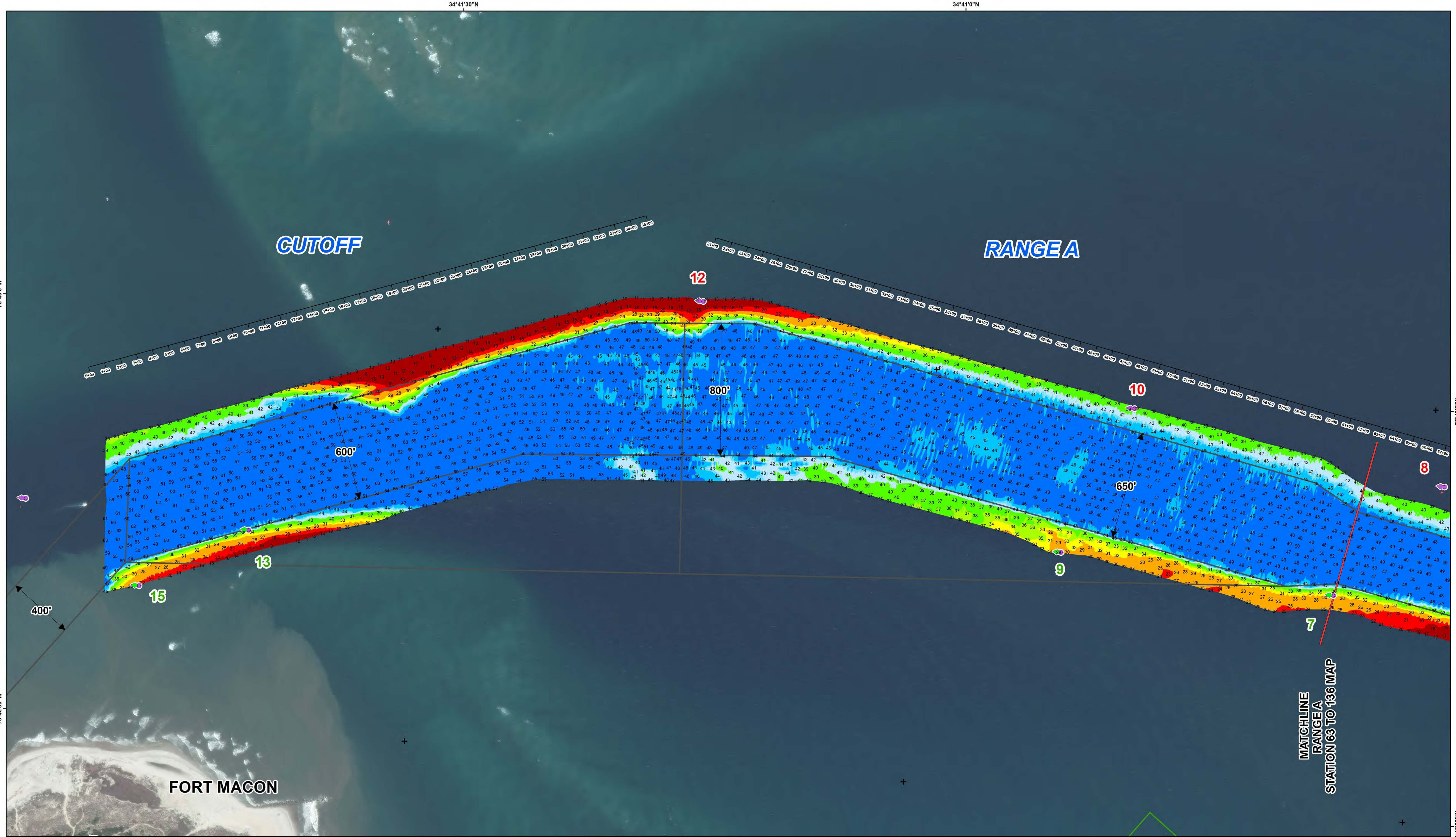
Aids to Navigation

- Can
- Nun
- Green Lighted Buoy
- Red Lighted Buoy
- Junction Marker
- Green Light
- Red Light
- Green Daybeacon
- Red Daybeacon
- Danger Sign
- Mileboard

Depth In Feet

20-25
26-32
32-35
36-38
38-42
42-44
44-45
45-47
47 and Deeper

Navigation Channel



HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA
Morehead City Harbor

Cutoff & Range A

NORTH CAROLINA

Cutoff

Survey Date: 04-05 August 2022
Map Date: 08 August 2022
Imagery Date: 03 June 2022
© 2022 DigitalGlobe Nextview License
Scale: 1:3,000
File Name: MC_03_RGA_2022080405_AD_CUTOFF
Surveyed by: JAJ,RW
Mapped by: k7opndjm
Processed by: k7opndjm

200 100 0 200 400 600 800
Feet

1. ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.

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3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W.

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TYPICAL SECTION

M.L.L.W.
PROJECT
DEPTH
-45' & -47'
Varies
NOT TO SCALE

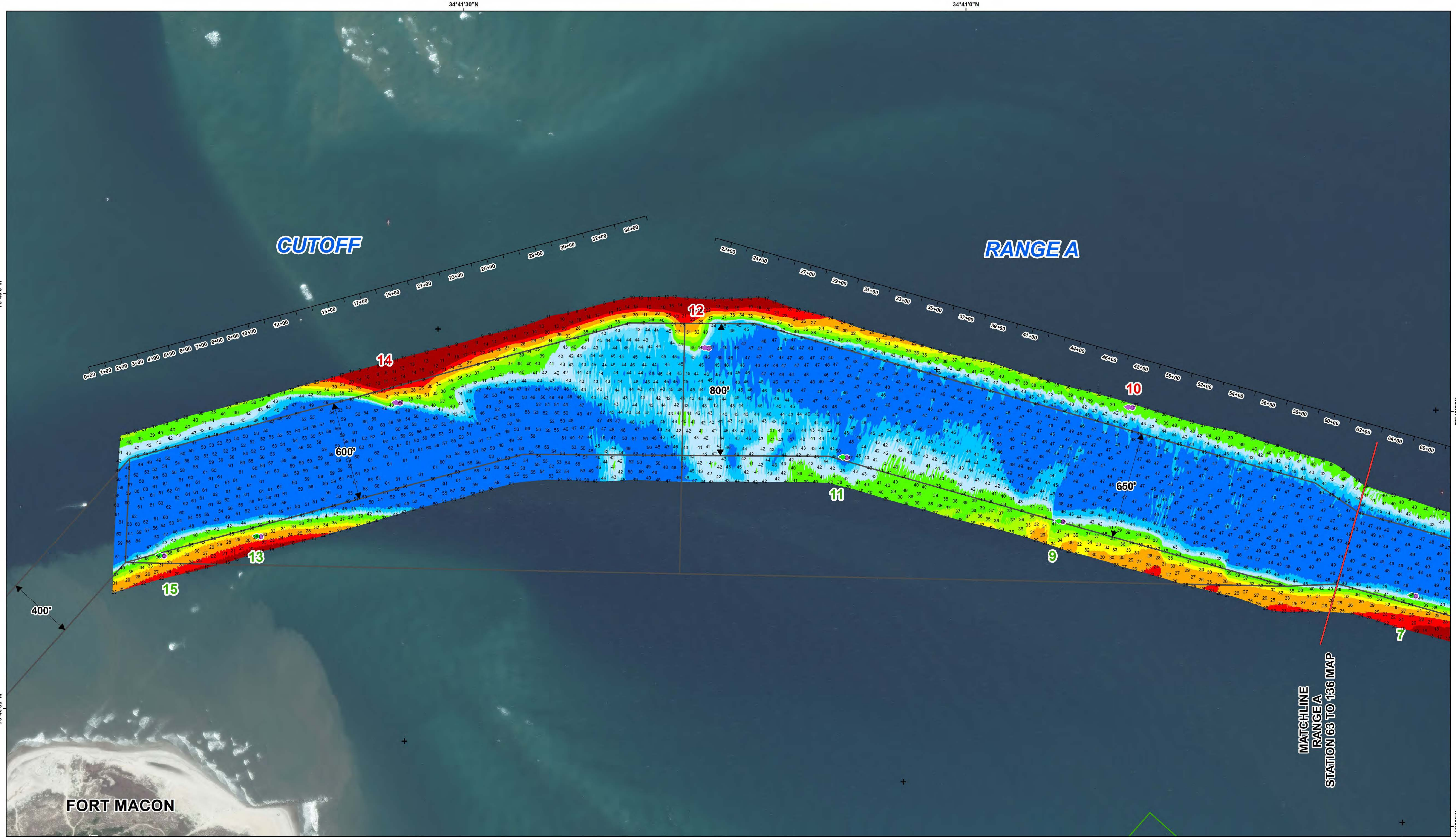
Aids to Navigation

- Can
- Nun
- Green Lighted Buoy
- Red Lighted Buoy
- Junction Marker
- Green Light
- Red Light
- Green Daybeacon
- Red Daybeacon
- Danger Sign
- Mileboard

Depth In Feet

20-25 25-32 32-35 35-38 38-42 42-44 44-45 45-47 47 and Deeper

Navigation Channel
Placement Areas



HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA
Morehead City Harbor

Cutoff & Range A

NORTH CAROLINA

Cutoff

Survey Date: 15 & 16 June 2022
Map Date: 17 June 2022
Imagery Date: 03 June 2022
© 2022 DigitalGlobe Nextview License
Scale: 1:3,000
File Name: MC_03_RGA_20220615_BD
Surveyed by: CRP,JBD
Mapped by: k7opnlac
Processed by: k7opnlac

200 100 0 200 400 600 800
Feet

1. ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.

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7. NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL. ACCURACY +/- 3 METERS.

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TYPICAL SECTION

1 3
PROJECT
NOT TO SCALE

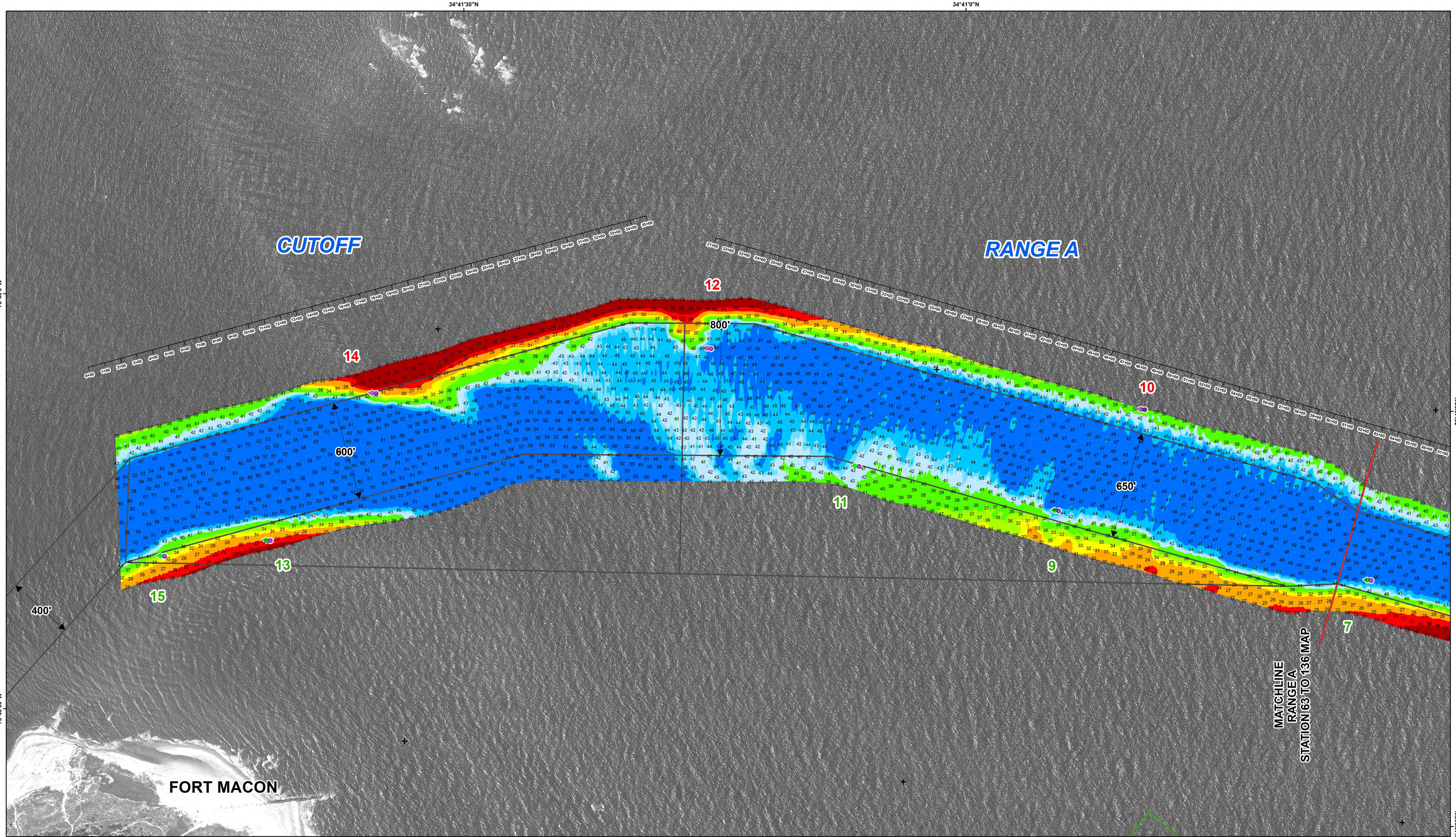
Aids to Navigation

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- Red Lighted Buoy
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- Green Light
- Red Light
- Green Daybeacon
- Red Daybeacon
- Danger Sign
- Mileboard

Depth In Feet

20 25 32 35 38 42 44 45 47 and Deeper

Navigation Channel
Placement Areas



HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA
Morehead City Harbor
**Cutoff
& Range A**

NORTH CAROLINA

Cutoff

Survey Date: 25 May 2022
Map Date: 26 May 2022
Imagery Date: 26 April 2022
© 2022 DigitalGlobe Nextview License
Scale: 1:3,000
File Name: MC_03_RGA_20220525_CS
Surveyed by: CRP,RW
Mapped by: k7opndjm
Processed by: k7opndjm

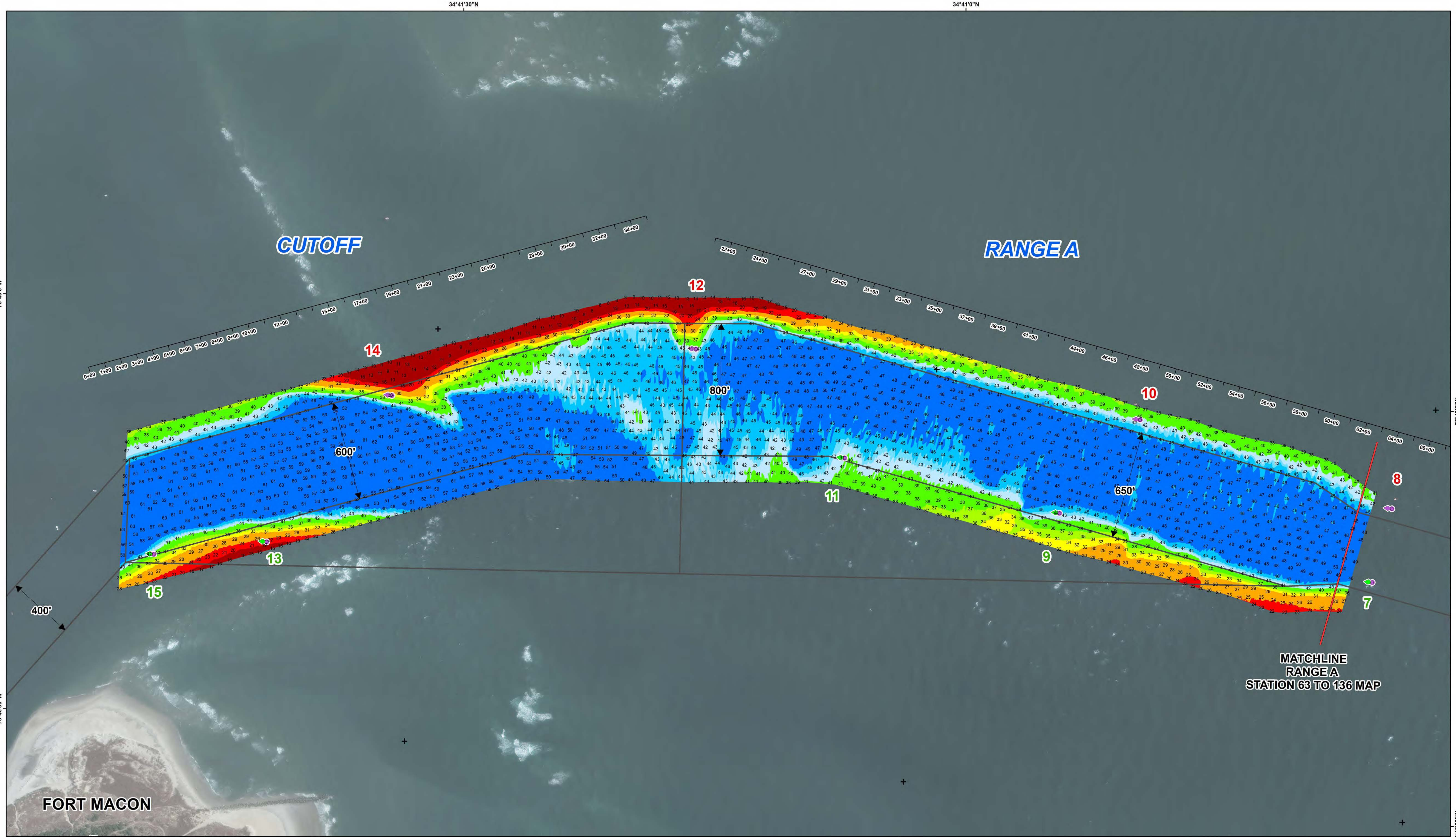
200 100 0 200 400 600 800
Feet

TYPICAL SECTION
M.L.L.W.
-45' & -47'
Varies
NOT TO SCALE

Aids to Navigation
Can
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Red Lighted Buoy
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Green Light
Red Light
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Depth In Feet
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48 and Deeper
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Placement Areas

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HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA
Morehead City Harbor

Cutoff & Range A

NORTH CAROLINA

Survey Date: 09 February 2022
Map Date: 09 February 2022
Imagery Date: 03 December 2021
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Scale: 1:3,000
File Name: MC_03_RGA_20220209_CS
Surveyed by: CRP,RW
Mapped by: k7opnlac
Processed by: k7opnlac

200 100 0 200 400 600 800
Feet

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M.L.L.W.
-45' & -47'
Varies
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Aids to Navigation

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Depth In Feet

20 20 25 32 35 38 42 44 45 47 and Deeper

Matchlines
Navigation Channel