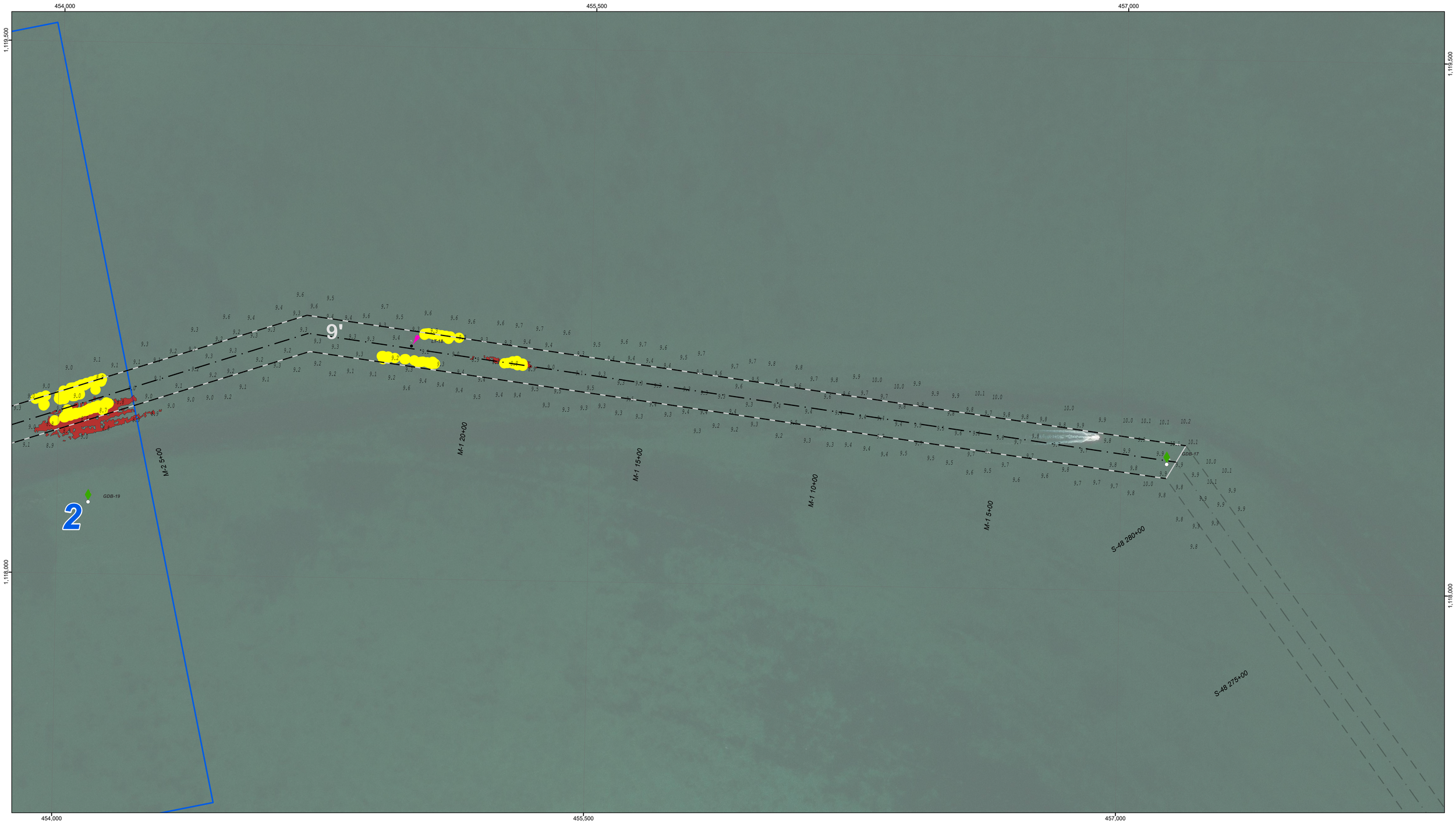


US Army Corps of Engineers
District: CESAJ

Brian Brodehl
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(OD-H)

David Robar
Chief, Geomatics Engineering Section
(EN-DG)

GIS Contact:
Brian T. Price
Cartographer
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Legend

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- ToeLine
- Current Page
- Joining Page
- EX:42.1 Sounding Points
- Shoalest Sounding
- Shoaling Areas
- Depth Line

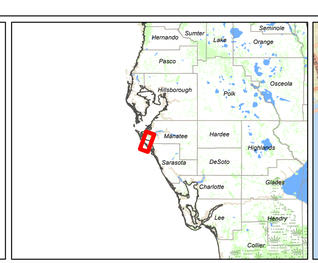
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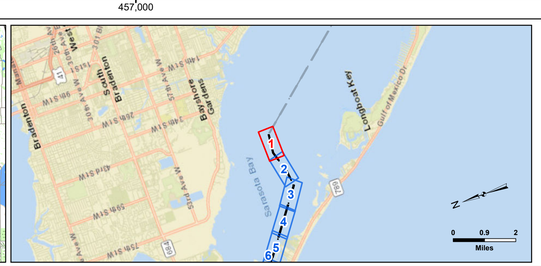
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World Street Map: University of South Florida, County of Manatee, Esri, HERE, Garmin, NGA, USGS, NPS
World Imagery: Maxar, Microsoft

N W E S

Feet
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Meters
0 40 80 120 160

Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator





Hydrographic Survey

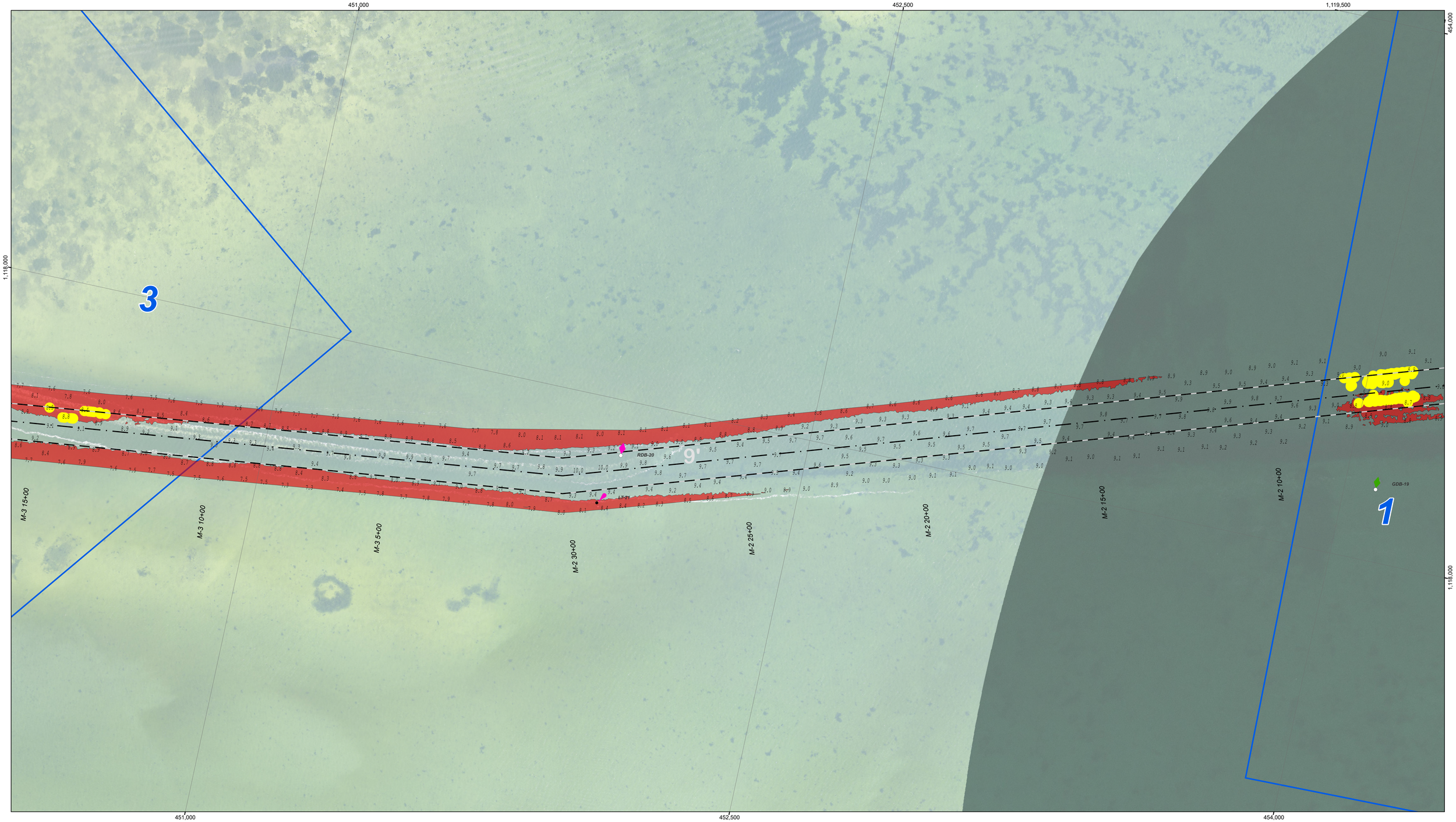
Survey Number: 2025-061
Survey Type: Examination
Survey Date: 19 March 2025

SHEET REFERENCE NUMBER
1 of 26

Document Name: GW_04_MAN_20250319_XC_2025_061_01_HF
Date Saved: 3/20/2025
Revision Number: 5.24.09.03-5.24.09.03
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Sheet Reference Number 1 of 26

GIWW CAL TO ANC (MANATEE COUNTY)



GIWW CAL TO ANC (MANATEE COUNTY)

US Army Corps of Engineers
District: CESAJ

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Legend

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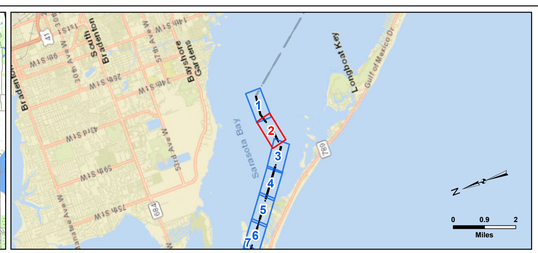
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World Imagery: Maxar, Microsoft

N W E S

Feet
0 140 280 420 560
Meters
0 40 80 120 160

Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator





Hydrographic Survey

Survey Number: 2025-061
Survey Type: Examination
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SHEET REFERENCE NUMBER
2 of 26

Document Name: GW_04_MAN_20250319_XC_2025_061_01_HF
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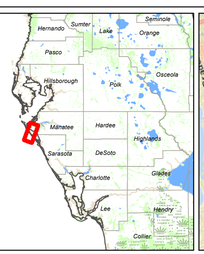
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Feet
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Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator



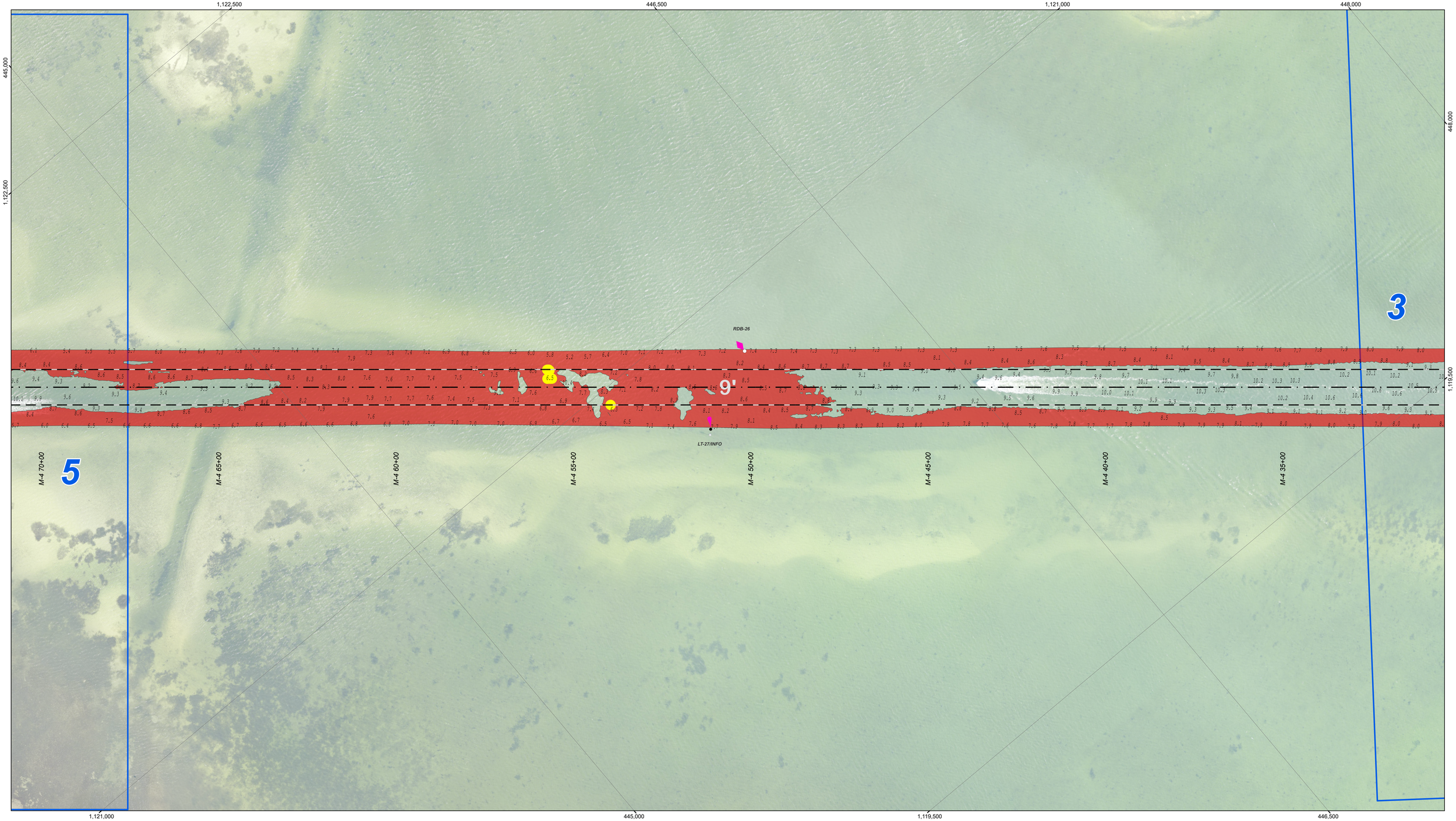


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Survey Type: Examination
Survey Date: 19 March 2025

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3 of 26

Document Name:
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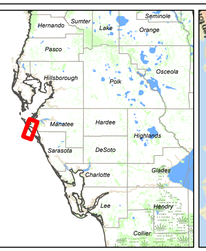
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Meters
0 40 80 120 160

Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator





Hydrographic Survey

Survey Number: 2025-061
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SHEET REFERENCE NUMBER

4 of 26

Document Name:
GW_04_MAN_20250319_NC_2025_061_01_HF

Date Saved:3/20/2025

Revision Number: 5.24.09.03-5.24.09.03

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Sheet Reference Number 5 of 26

GIWW CAL TO ANC (MANATEE COUNTY)

US Army Corps of Engineers
District: CESAJ

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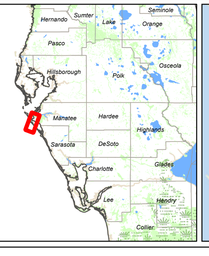
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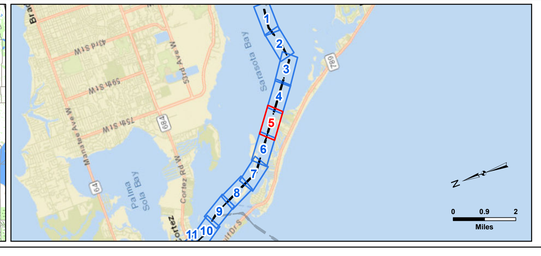
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Projection: Transverse Mercator



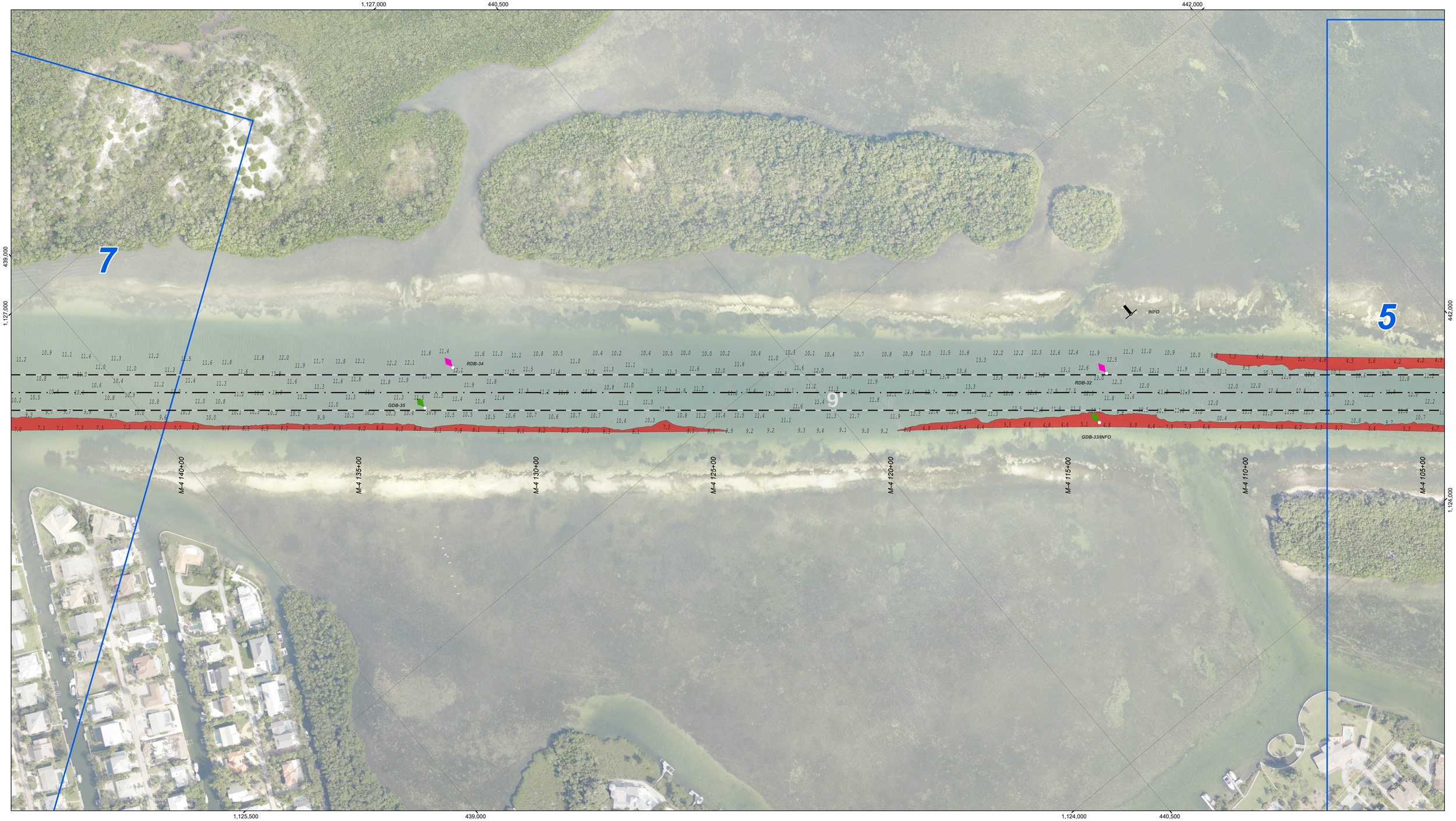


Hydrographic Survey

Survey Number: 2025-061
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SHEET REFERENCE NUMBER
5 of 26

Document Name:
GW_04_MAN_20250319_XC_2025_061_01_HF
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Revision Number: 5.24.09.03-5.24.09.03
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Sheet Reference Number 6 of 26

GIWW CAL TO ANC (MANATEE COUNTY)

US Army Corps of Engineers
District: CESAJ

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GIS Contact:
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Legend

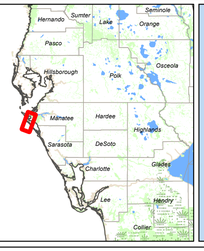
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- Depth Line

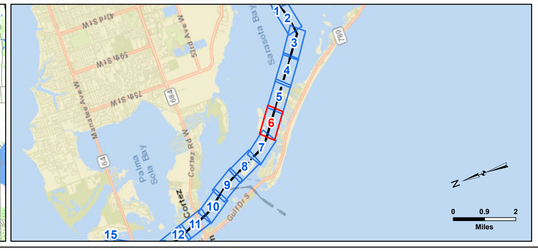
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World Imagery: Maxar, Microsoft

Feet
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Meters
0 40 80 120 160

Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator





Hydrographic Survey

Survey Number: 2025-061
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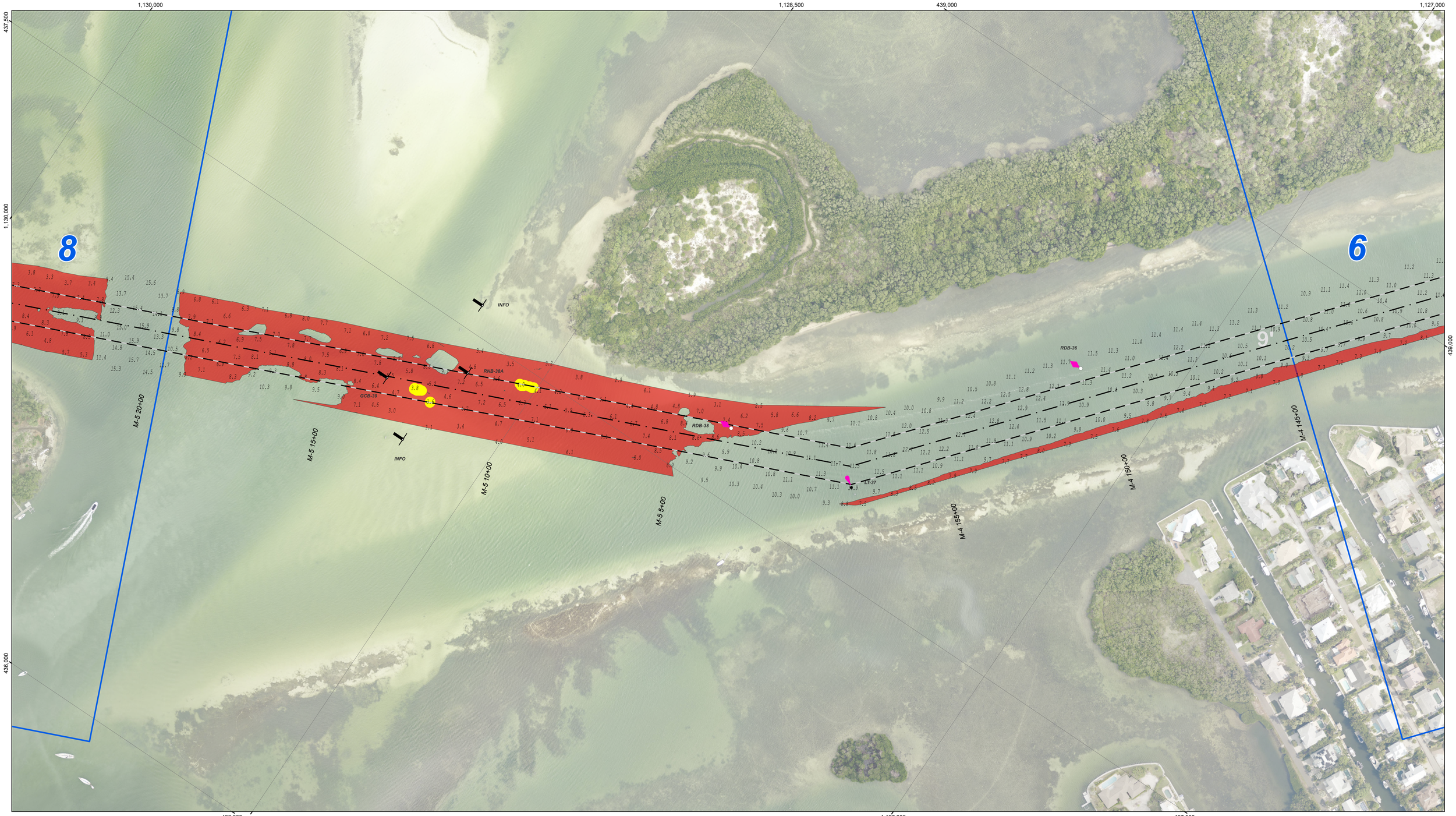
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Document Name:
GW_04_MAN_20250319_XC_2025_061_01_HF

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Sheet Reference Number 7 of 26

GIWW CAL TO ANC (MANATEE COUNTY)

US Army Corps of Engineers
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GIS Contact:
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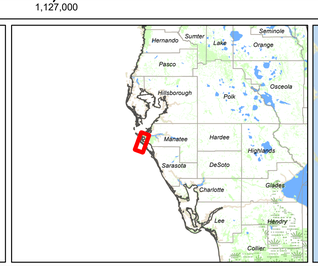
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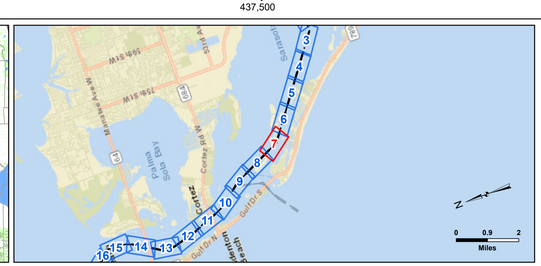
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World Imagery: Maxar, Microsoft

Feet
0 140 280 420 560
Meters
0 40 80 120 160

Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator





Hydrographic Survey

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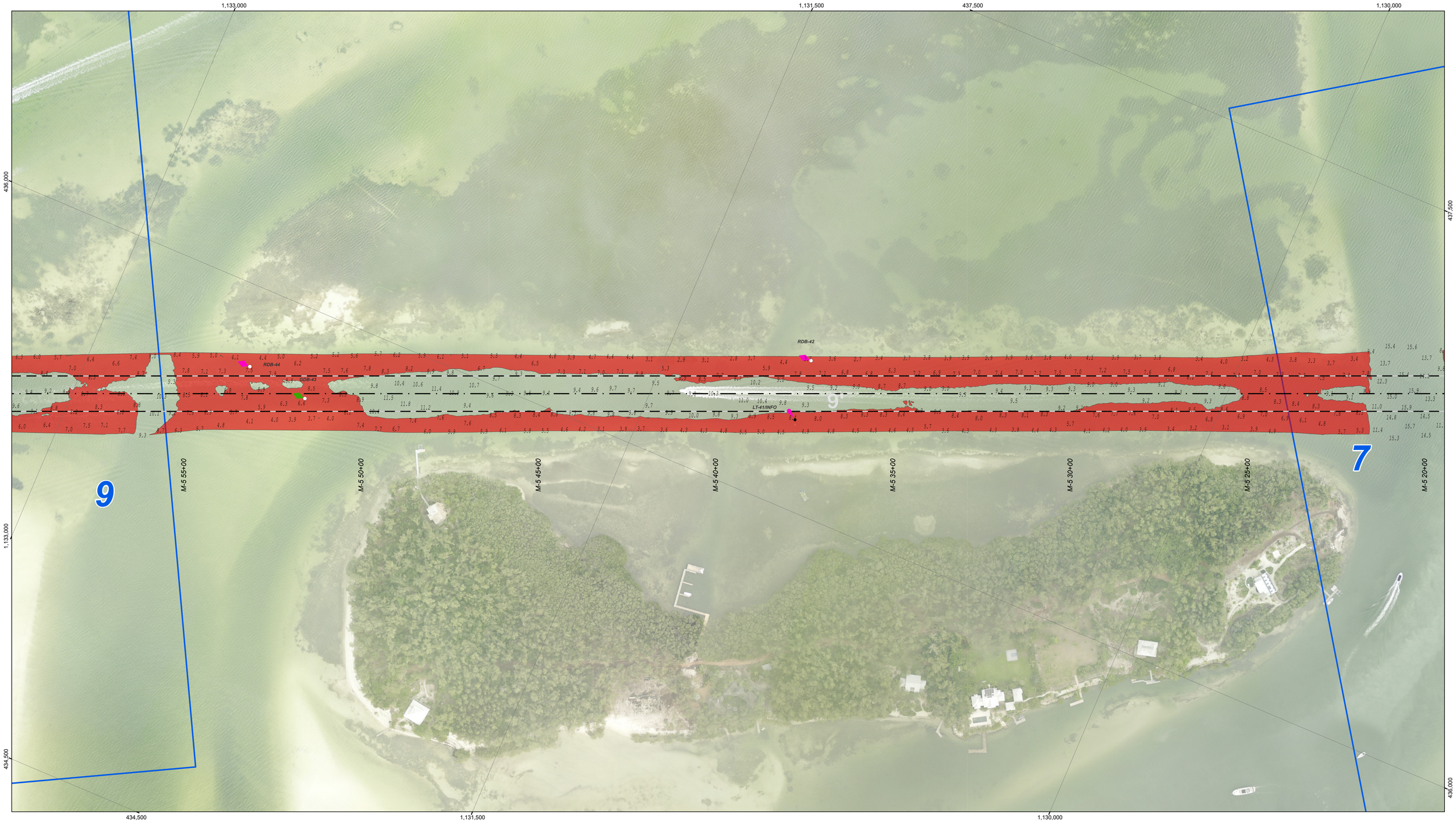
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GW_04_MAN_20250319_XC_2025_061_01_HF

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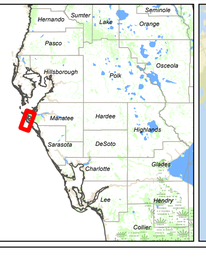
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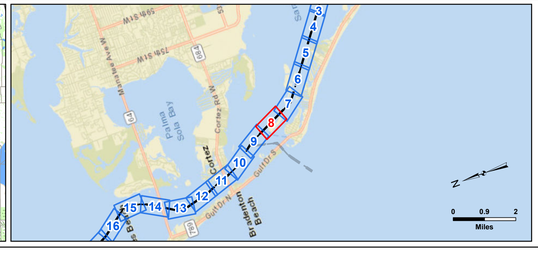
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Feet
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Meters
0 40 80 120 160

Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator





Hydrographic Survey

Survey Number: 2025-061
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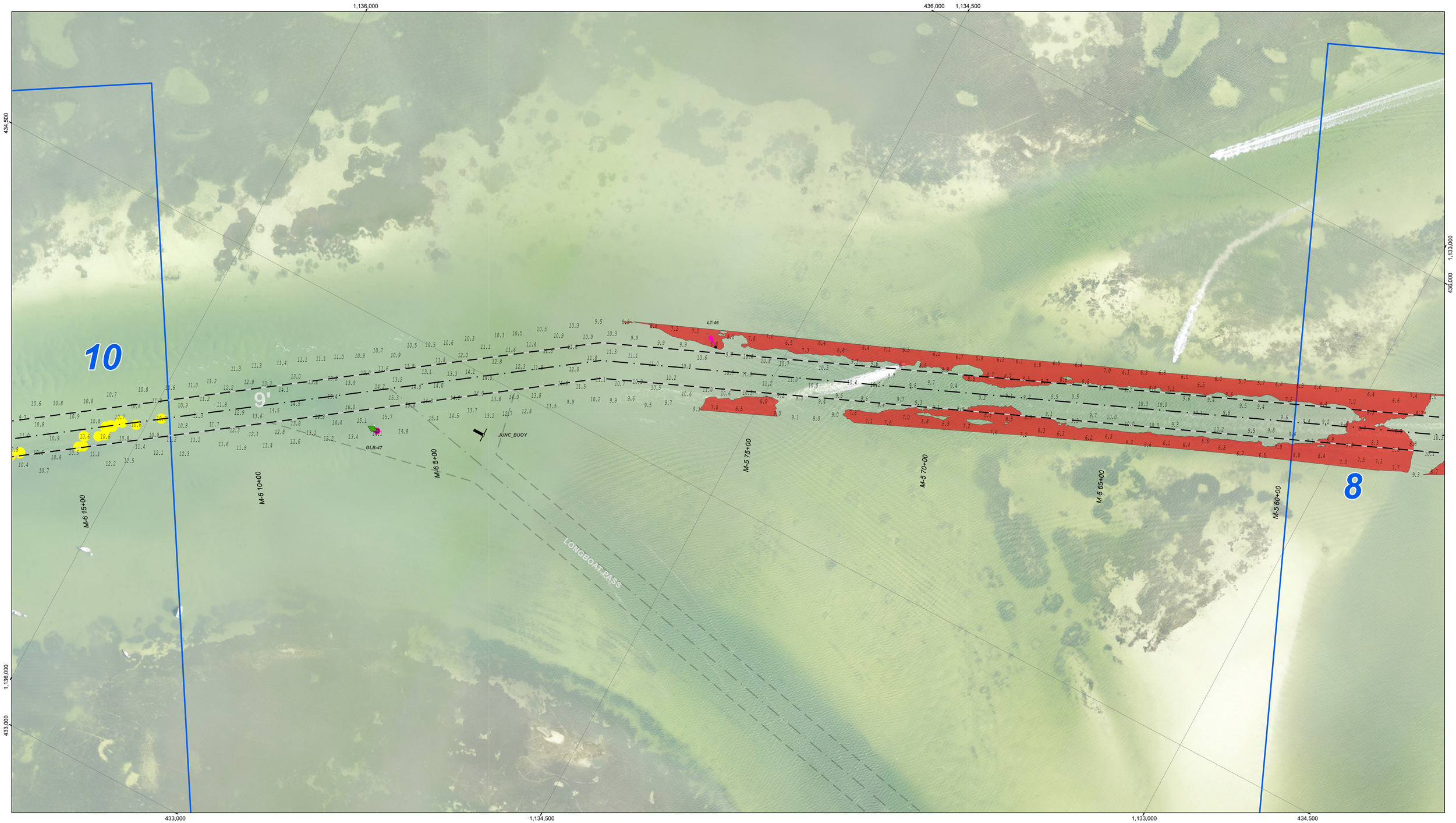
8 of 26

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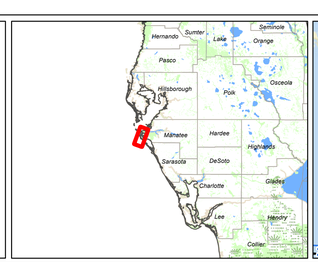
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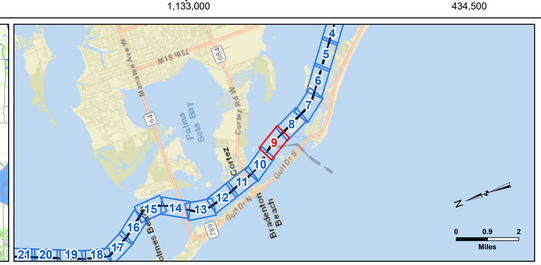
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Feet
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Meters
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Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator





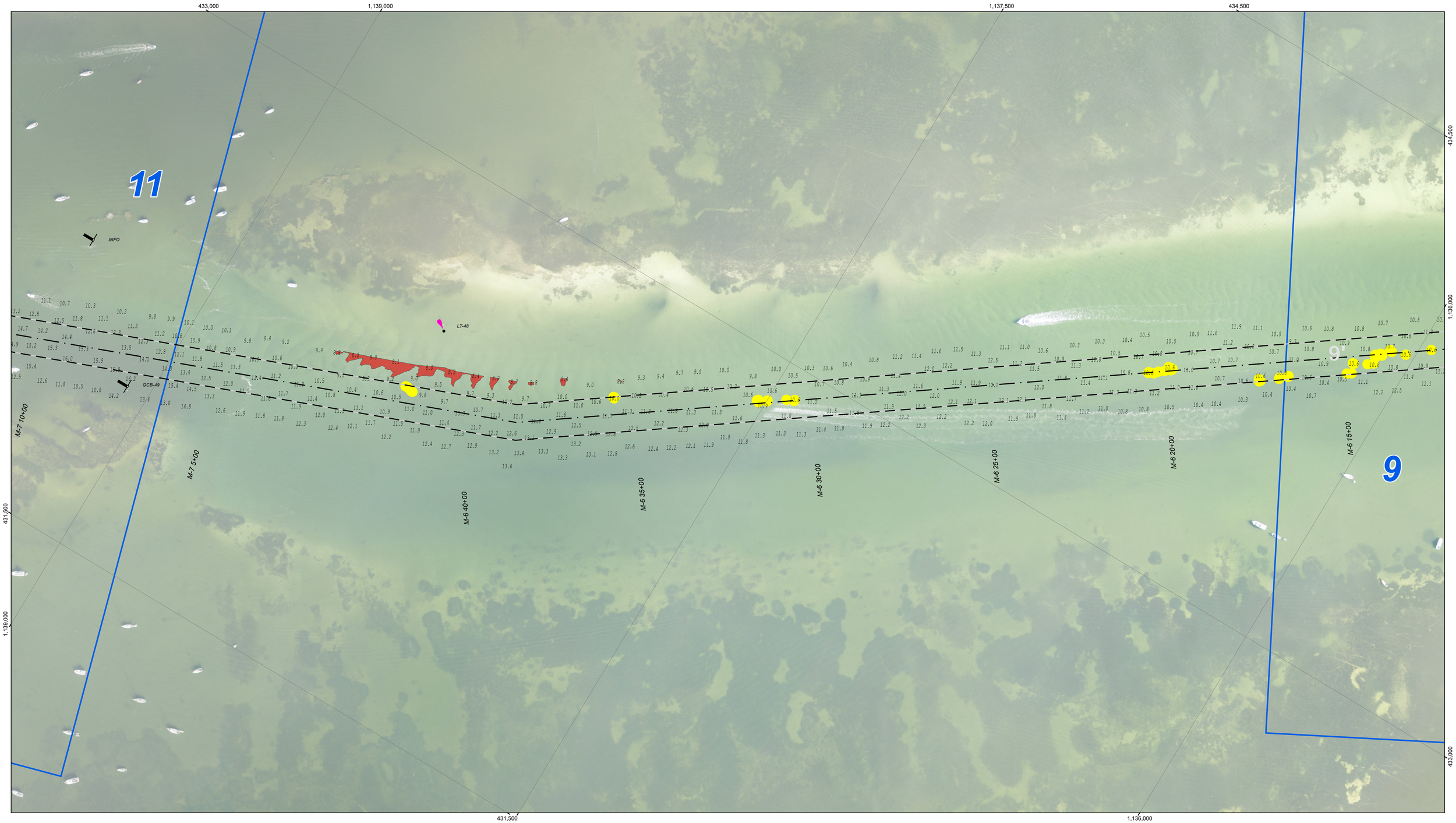
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US Army Corps of Engineers
District: CESAJ

Brian Brodehl
Chief, Surveying and Mapping Branch
(OD-H)

David Robar
Chief, Geomatics Engineering Section
(EN-DG)

GIS Contact:
Brian T. Price
Cartographer
Geomatics Engineering Section (EN-DG)

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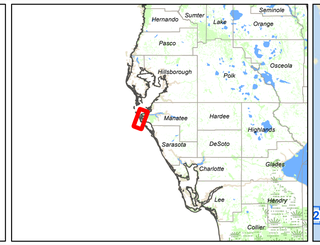
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- Shoalest Sounding
- Shoaling Areas
- Depth Line

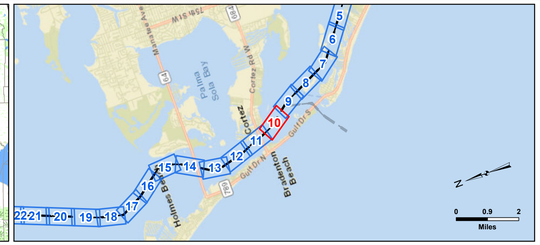
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Vicinity Map Service Layer Credits:
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World Imagery: Maxar, Microsoft

Feet
0 140 280 420 560
Meters
0 40 80 120 160

Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator





Hydrographic Survey

Survey Number: 2025-061
Survey Type: Examination
Survey Date: 19 March 2025

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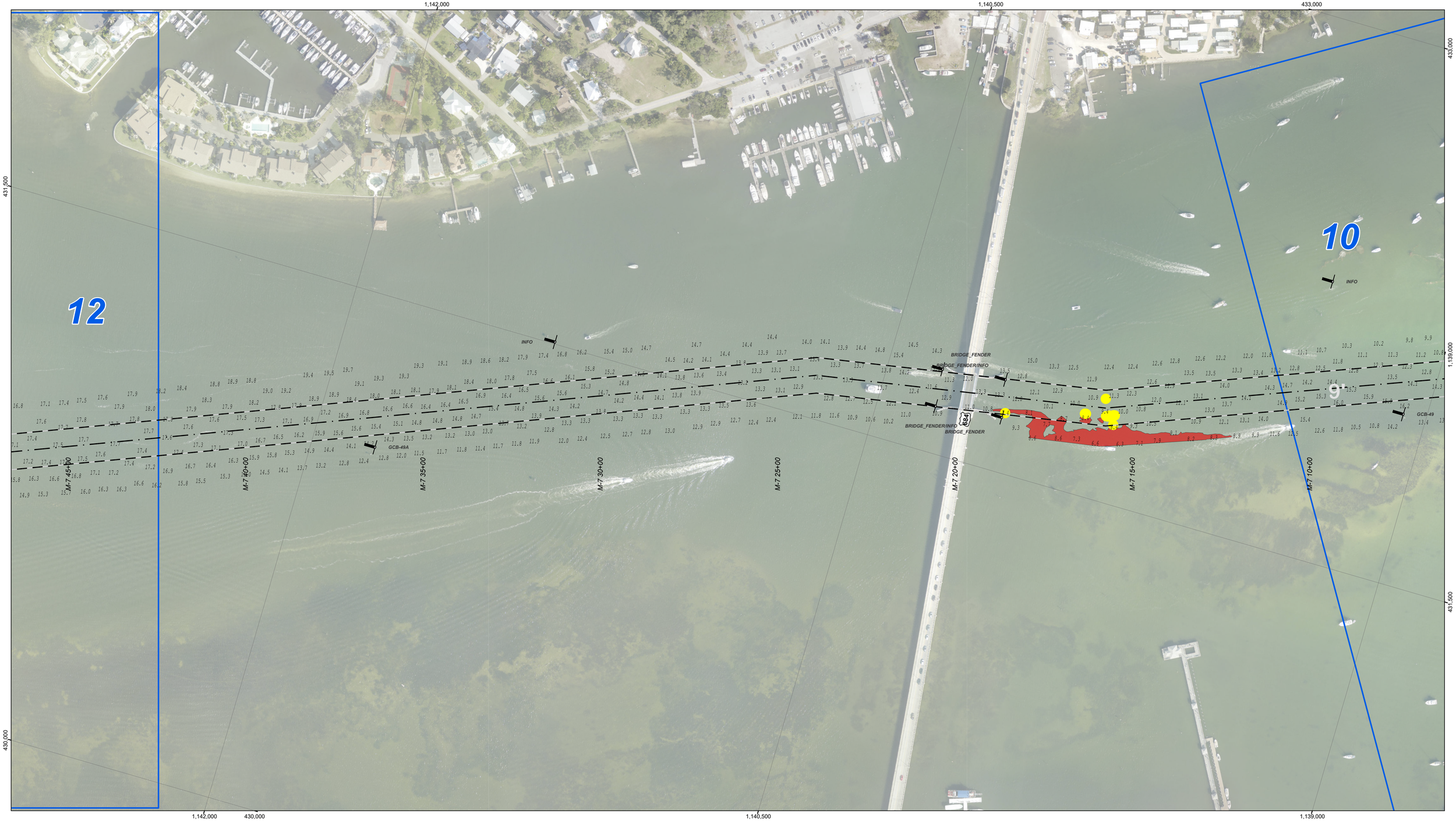
10 of 26

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GIWW CAL TO ANC (MANATEE COUNTY)

Sheet Reference Number 11 of 26

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GIS Contact:
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Cartographer
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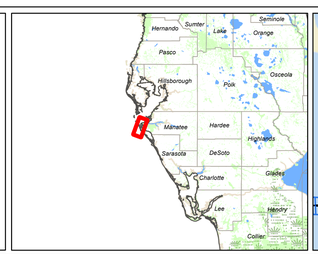
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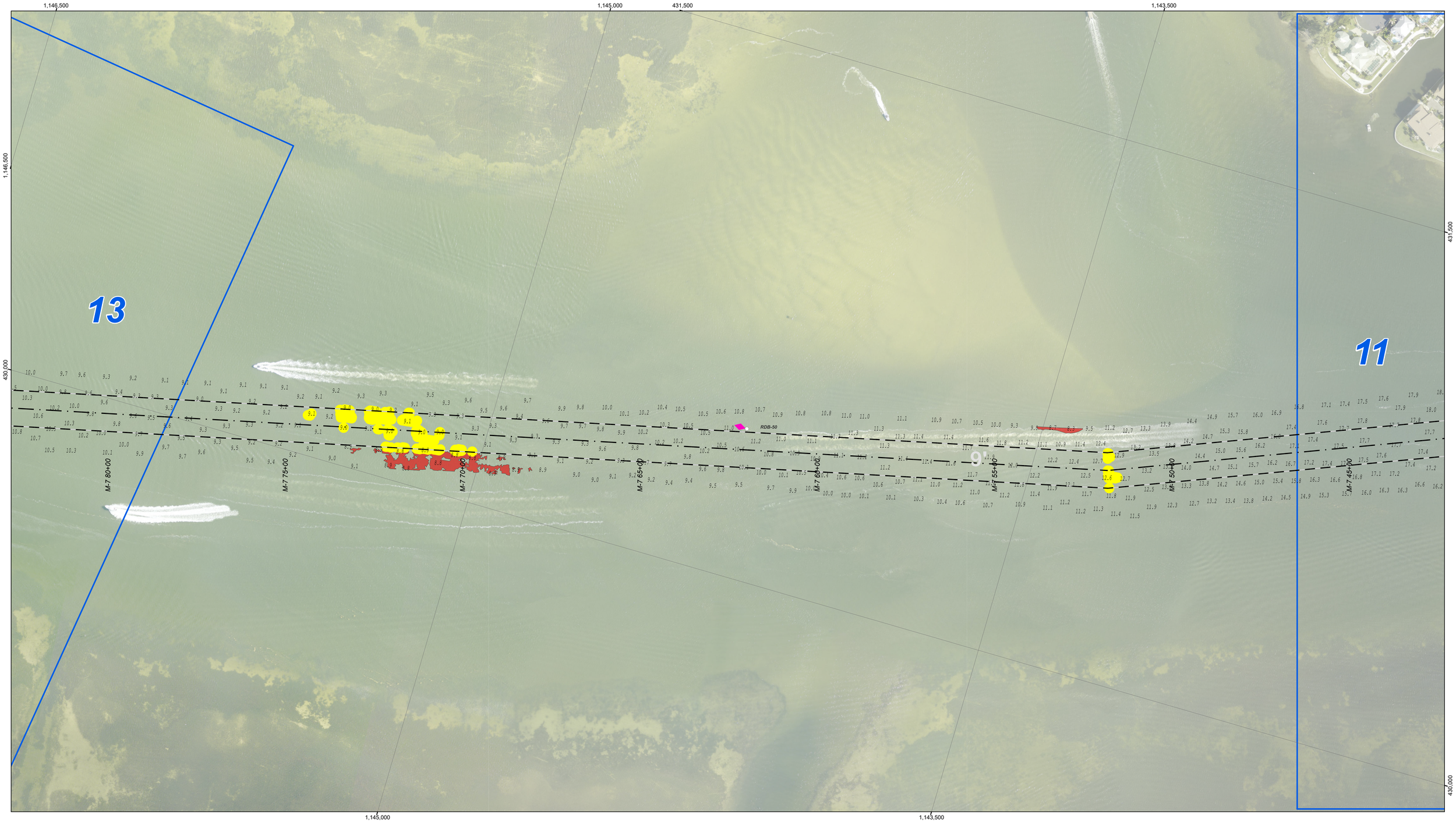
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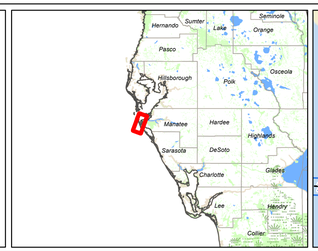
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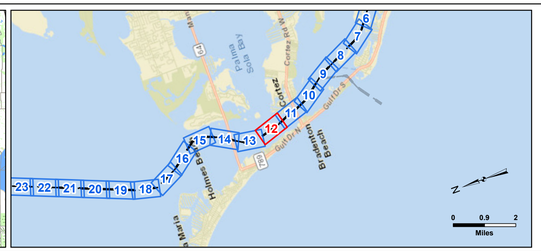
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Feet
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Meters
0 40 80 120 160

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Projection: Transverse Mercator





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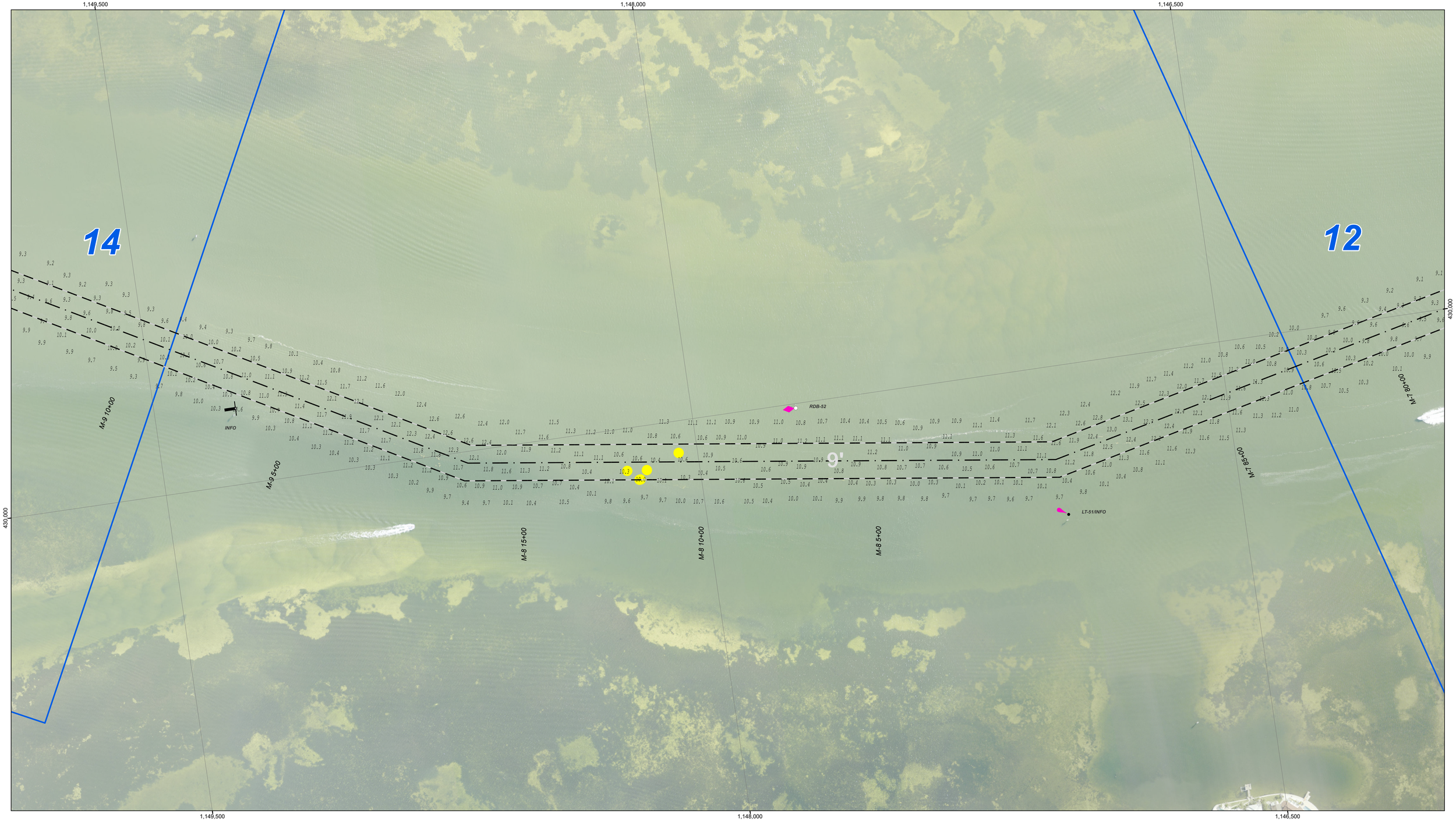
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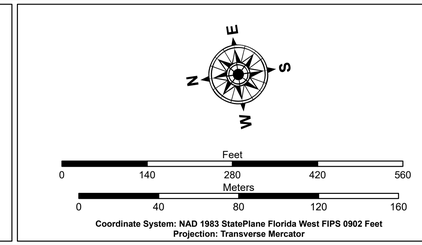
GIS Contact:
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Cartographer
Geomatics Engineering Section (EN-DG)

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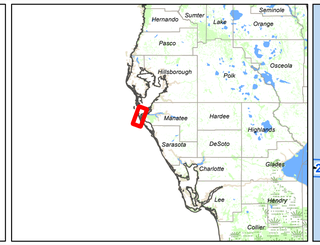
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Projection: Transverse Mercator





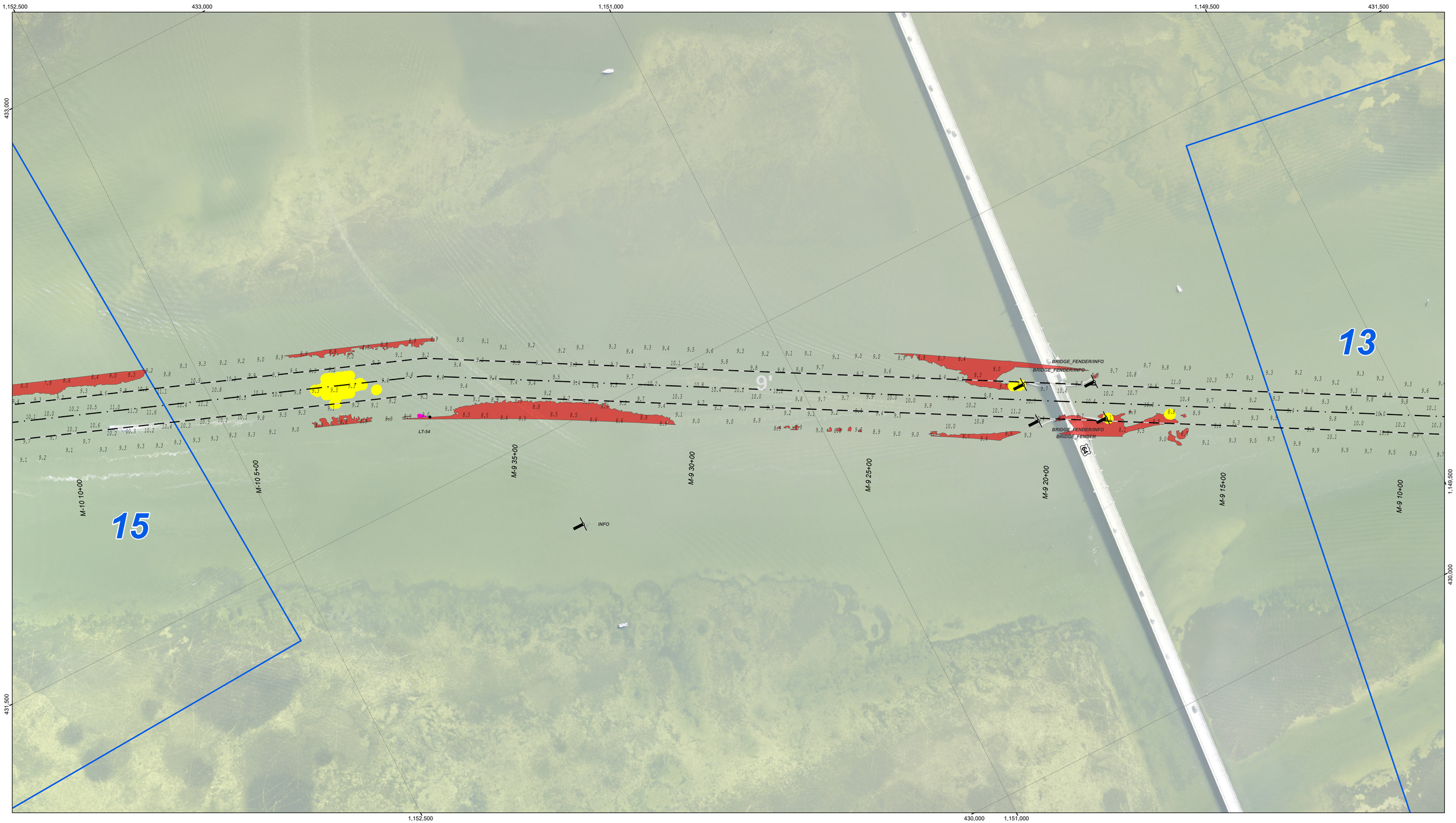
Hydrographic Survey

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Sheet Reference Number 14 of 26

GIWW CAL TO ANC (MANATEE COUNTY)

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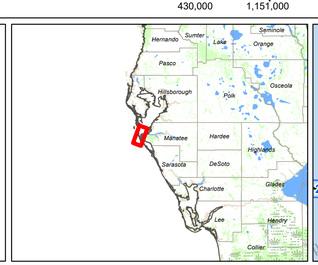
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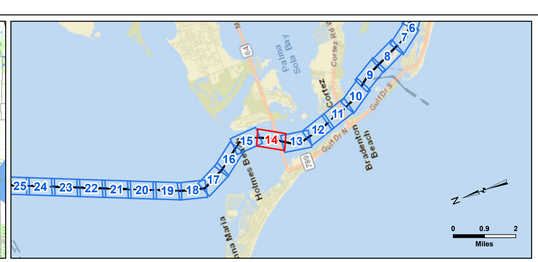
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Feet
0 140 280 420 560
Meters
0 40 80 120 160

Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator





Hydrographic Survey

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US Army Corps of Engineers
District: CESAJ

Brian Brodehl
Chief, Surveying and Mapping Branch
(OD-H)

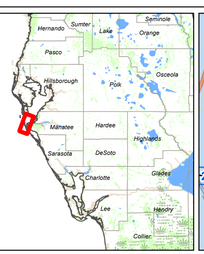
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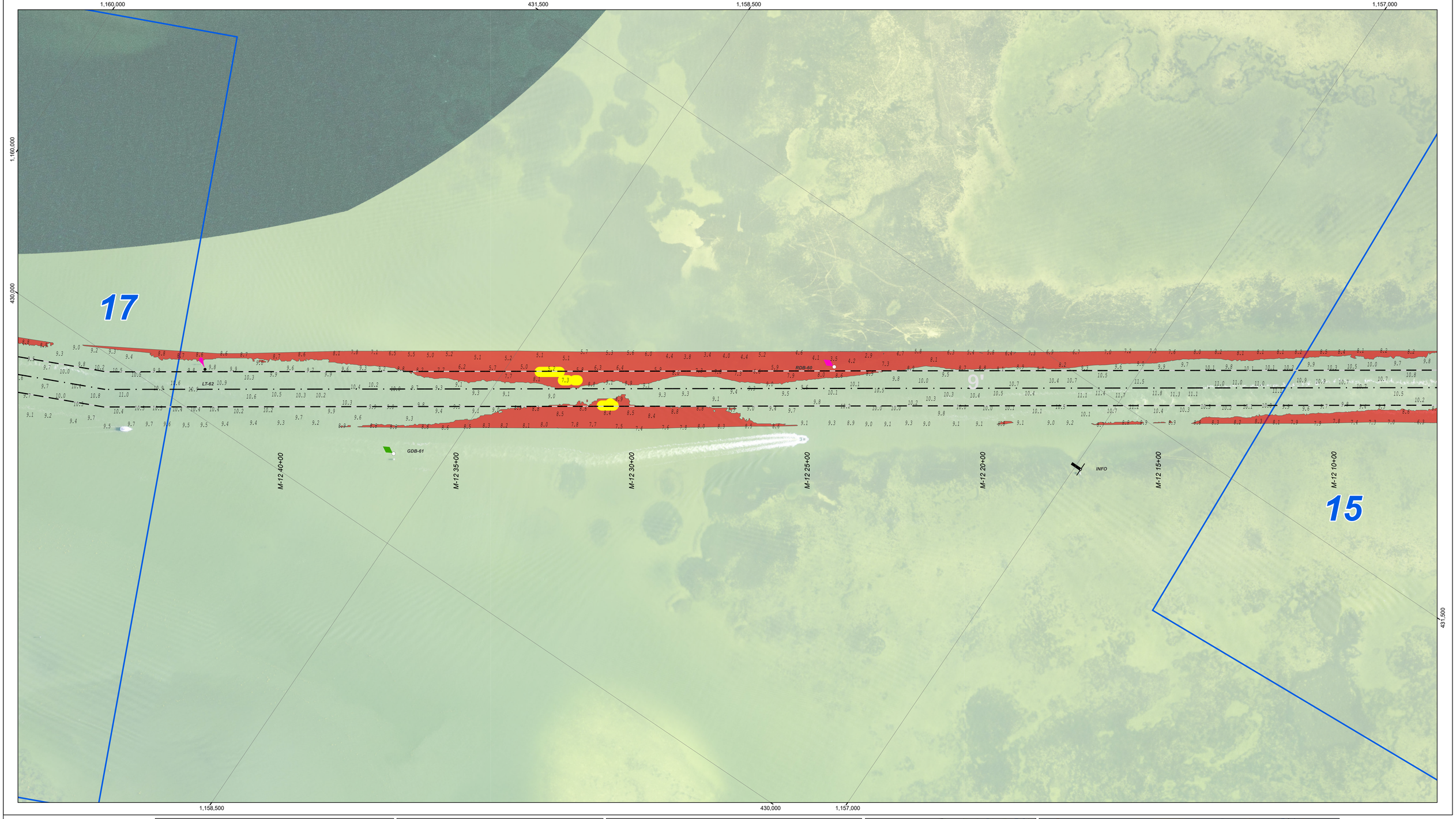
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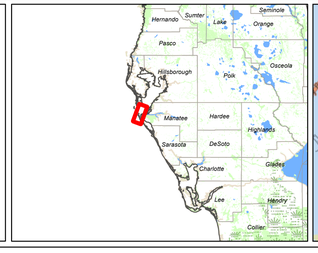
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Feet
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Meters
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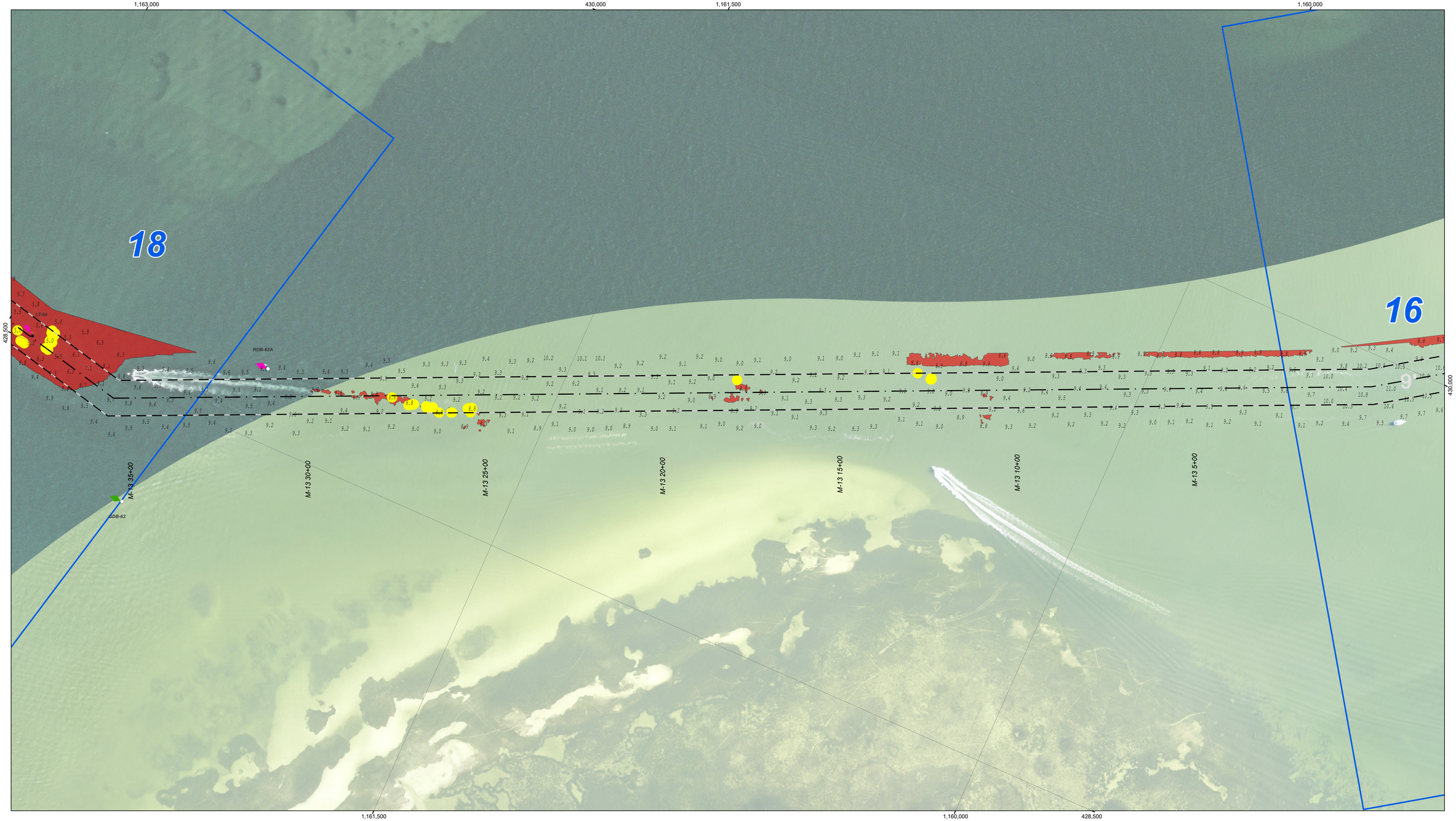
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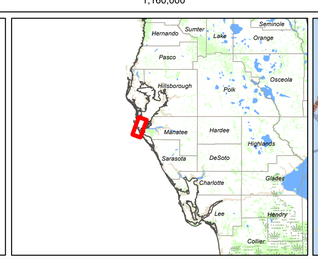
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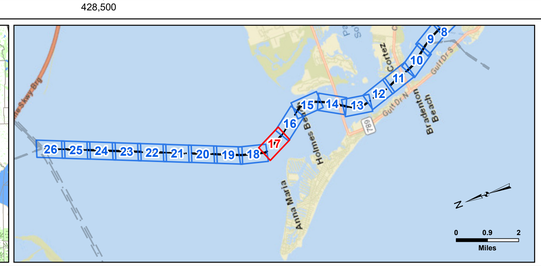
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Meters
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Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator





Hydrographic Survey

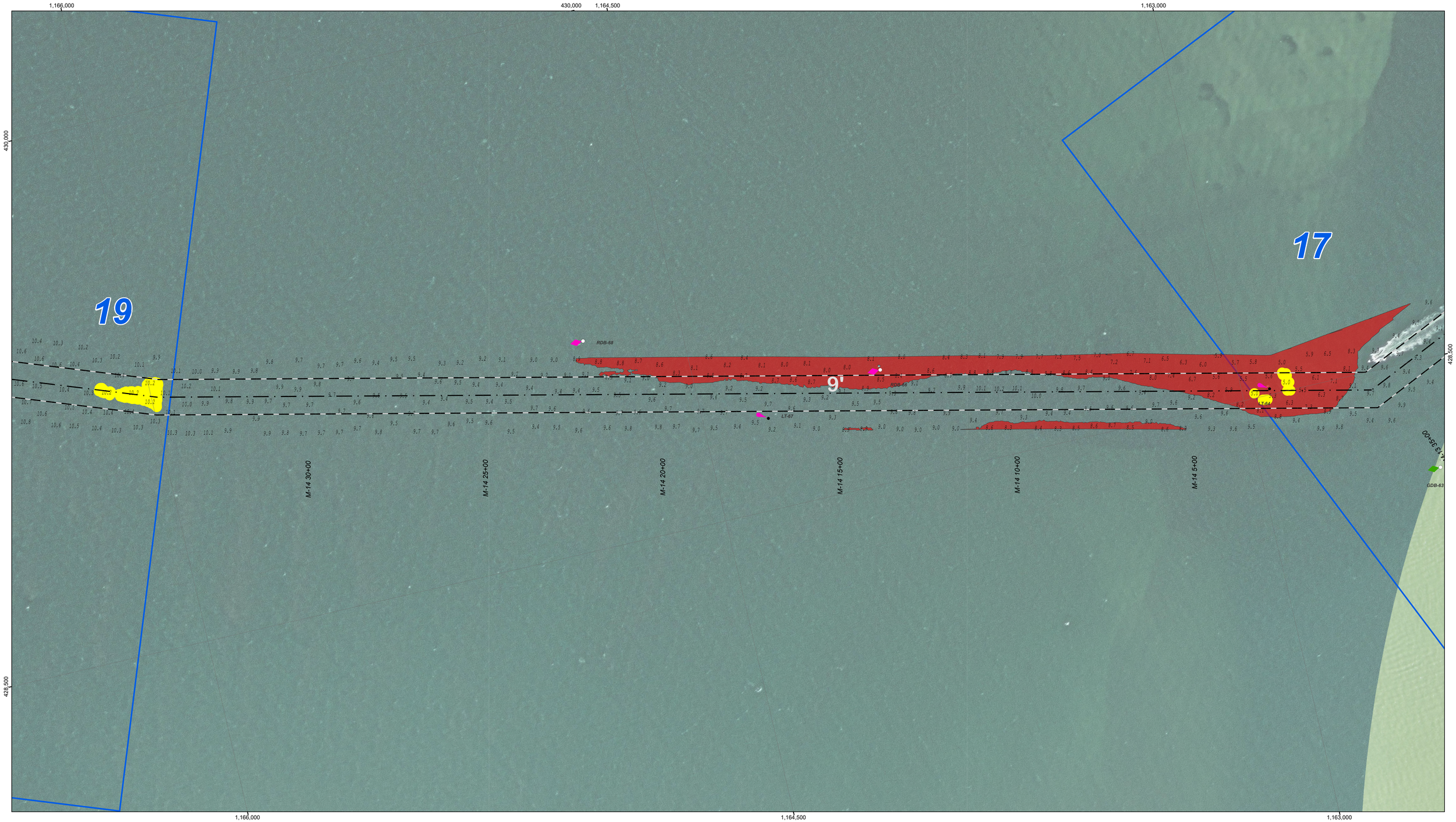
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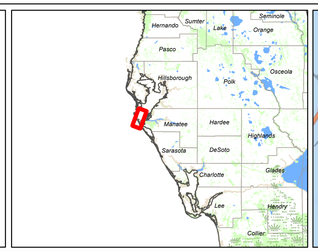
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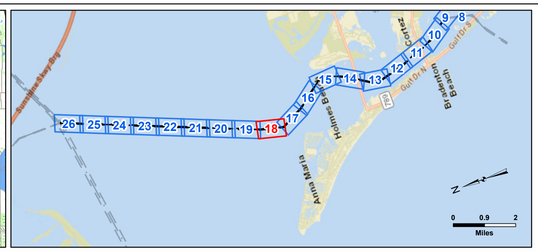
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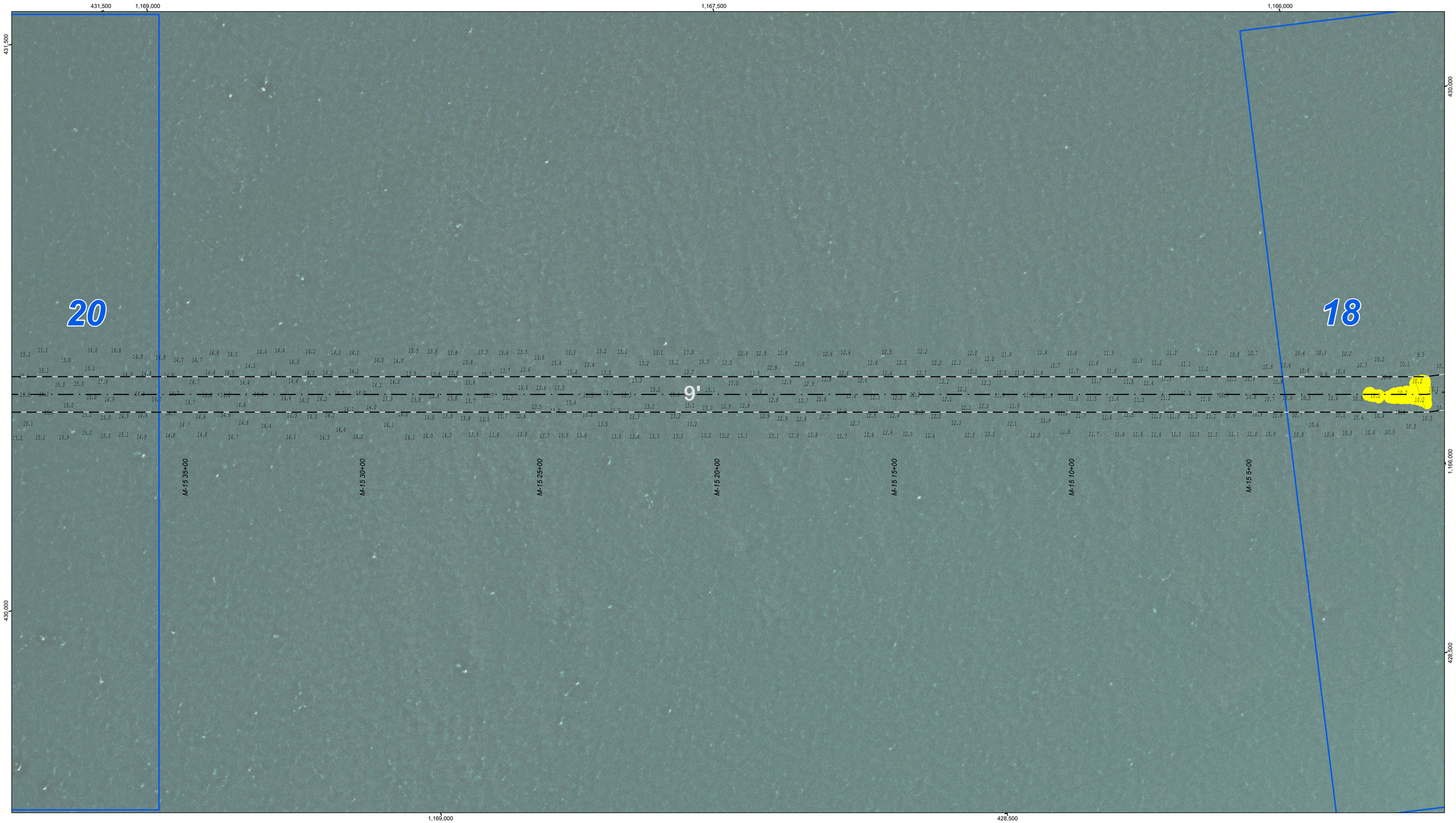
18 of 26

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GW_04_MAN_20250319_XC_2025_061_01_HF

Date Saved:3/20/2025

Revision Number: 5.24.09.03-5.24.09.03

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Sheet Reference Number 19 of 26

GIWW CAL TO ANC (MANATEE COUNTY)

US Army Corps of Engineers
District: CESAJ

Brian Brodehl
Chief, Surveying and Mapping Branch
(OD-H)

David Robar
Chief, Geomatics Engineering Section
(EN-DG)

GIS Contact:
Brian T. Price
Cartographer
Geomatics Engineering Section (EN-DG)

Legend

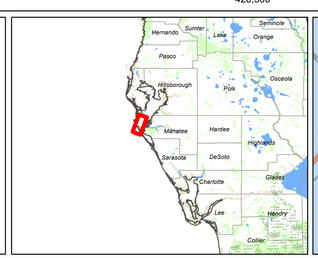
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- EX:42.1 Sounding Points
- Shoalest Sounding
- Shoaling Areas
- Depth Line

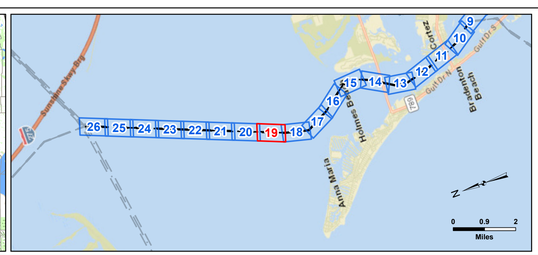
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Vicinity Map Service Layer Credits:
World Street Map: County of Manatee, Esri, HERE, Garmin, NGA, USGS, NPS
World Imagery: Maxar, Microsoft

Feet
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Meters
0 40 80 120 160

Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator





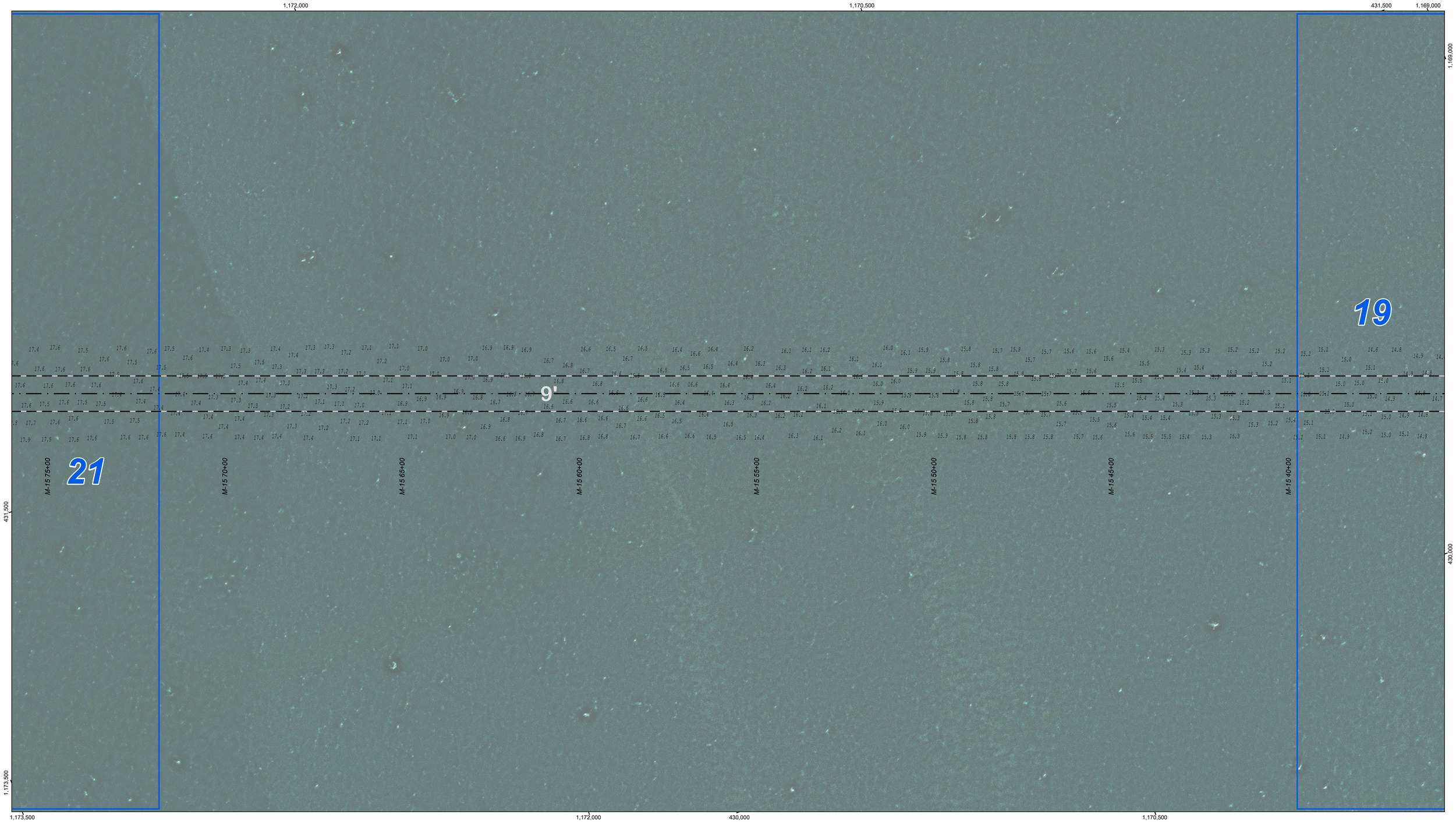
Hydrographic Survey

Survey Number: 2025-061
Survey Type: Examination
Survey Date: 19 March 2025

SHEET REFERENCE NUMBER
19 of 26

Document Name:
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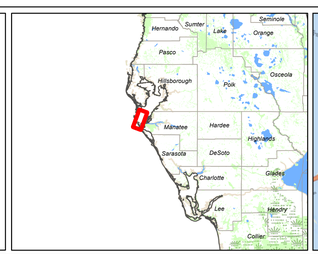
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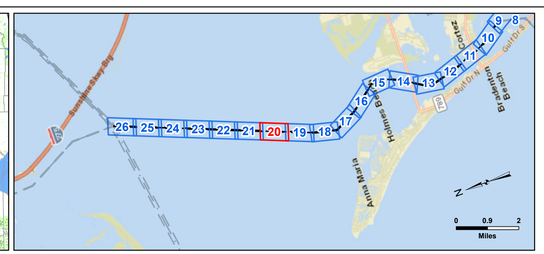
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Feet
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Meters
0 40 80 120 160

Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator





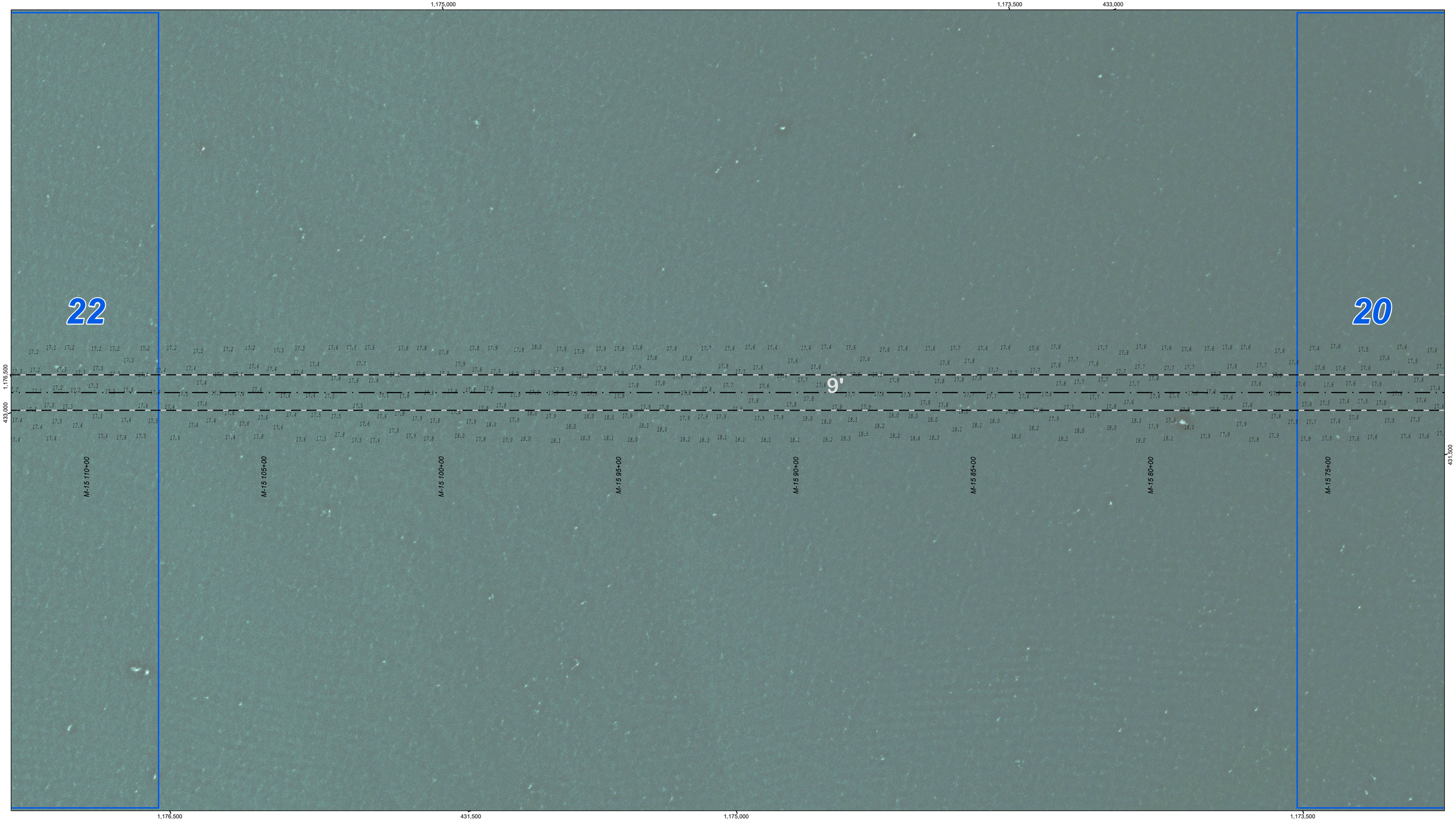
Hydrographic Survey

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Survey Type: Examination
Survey Date: 19 March 2025

SHEET REFERENCE NUMBER
20 of 26

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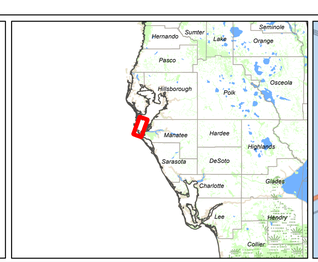
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- Shoaling Areas
- Depth Line

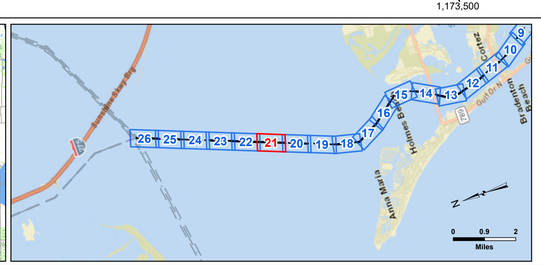
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Feet
0 140 280 420 560
Meters
0 40 80 120 160

Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator





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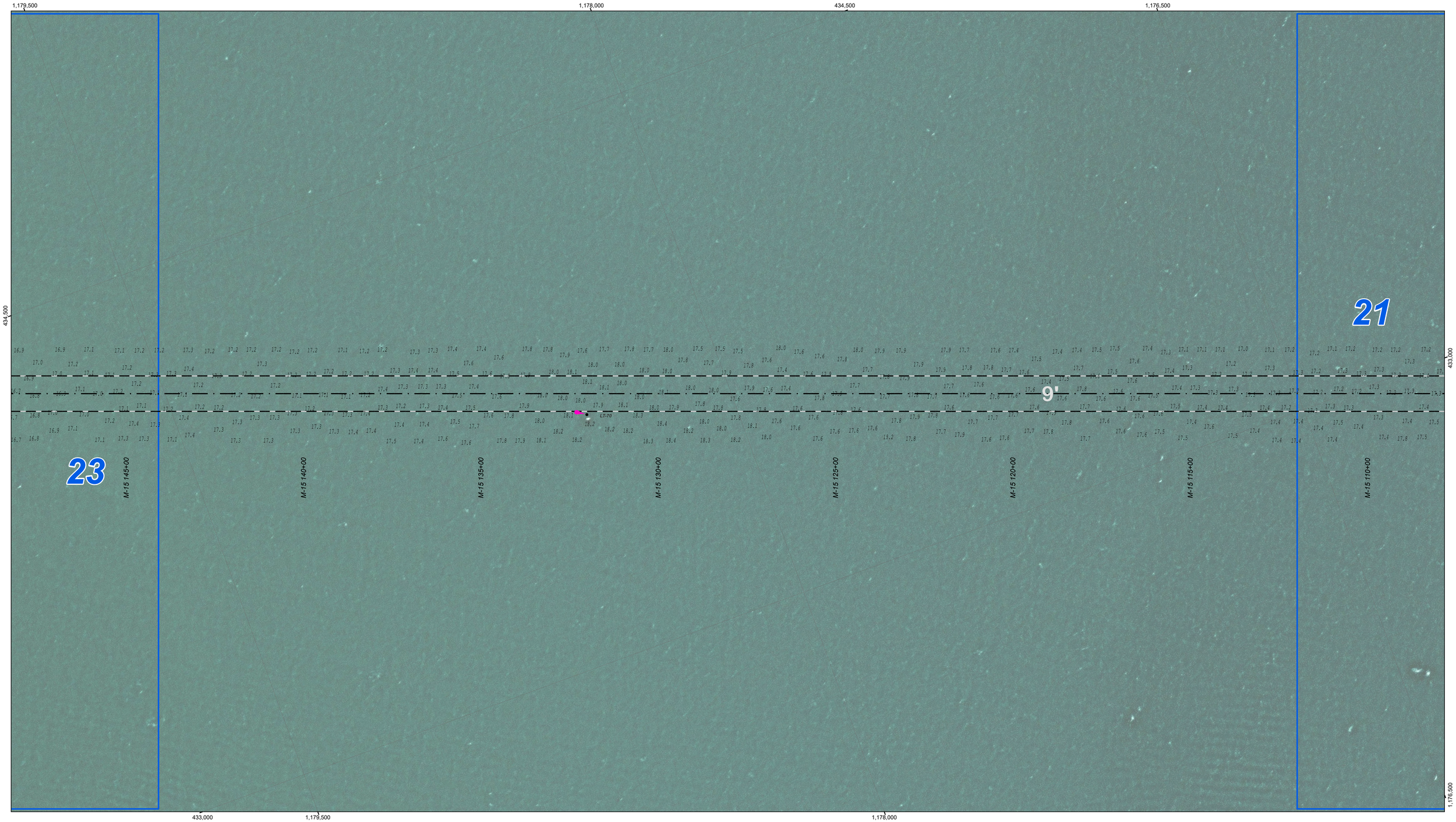
21 of 26

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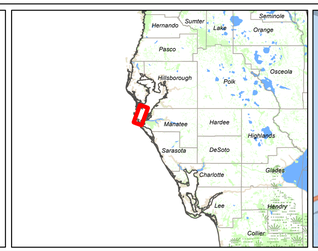
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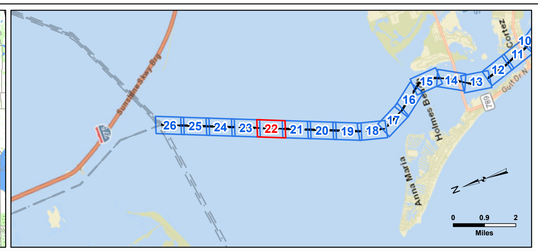
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Feet
0 140 280 420 560
Meters
0 40 80 120 160

Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator





Hydrographic Survey

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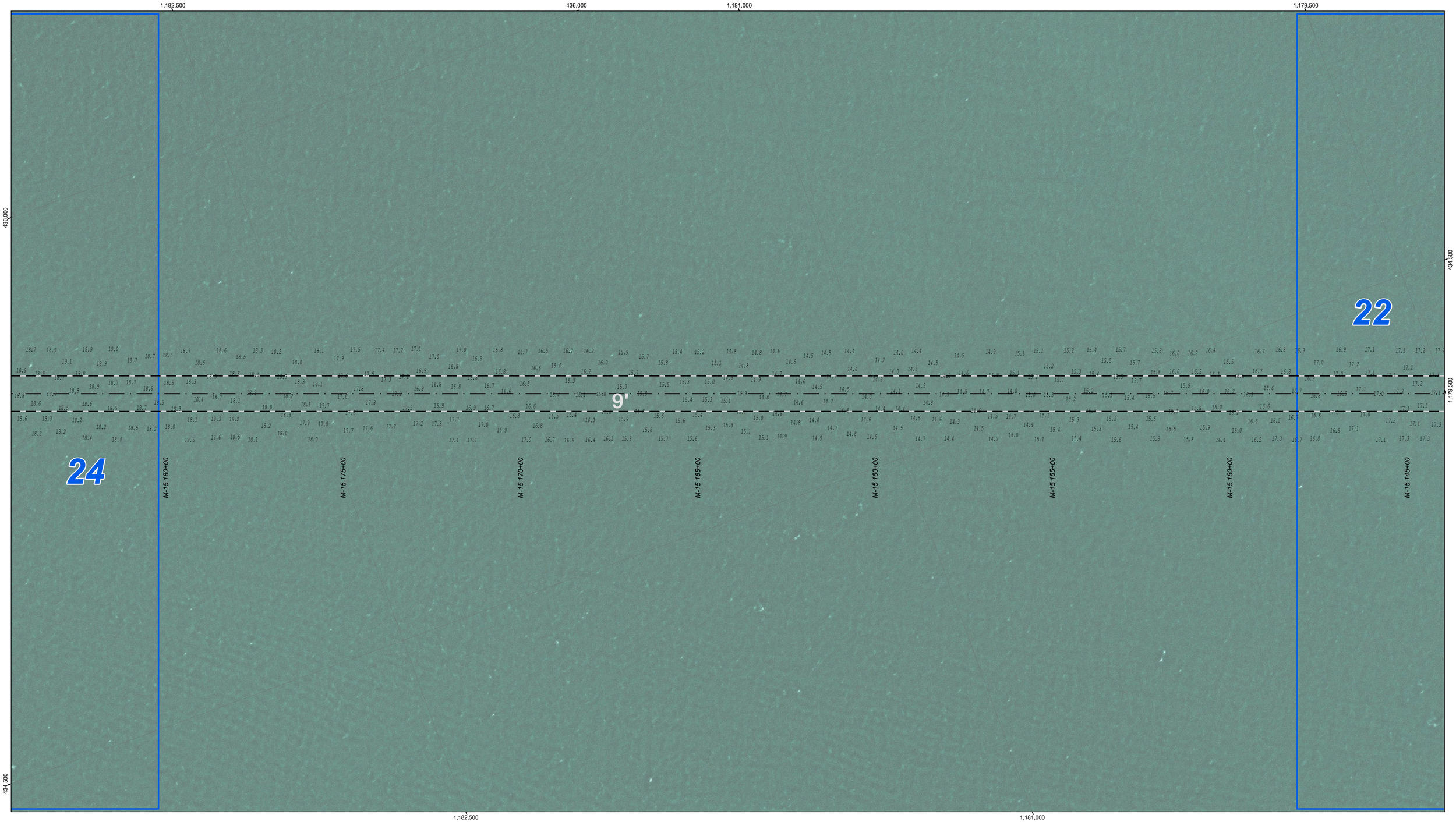
22 of 26

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GIWW CAL TO ANC (MANATEE COUNTY)

US Army Corps of Engineers
District: CESAJ

Brian Brodehl
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Legend

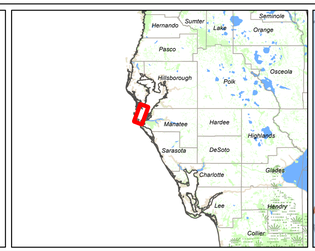
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- Depth Line

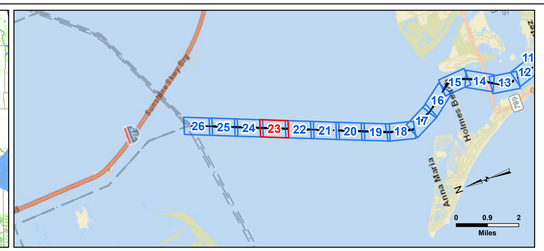
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Feet
0 140 280 420 560
Meters
0 40 80 120 160

Coordinate System: NAD 1983 StatePlane Florida West FIPS 0902 Feet
Projection: Transverse Mercator





Hydrographic Survey

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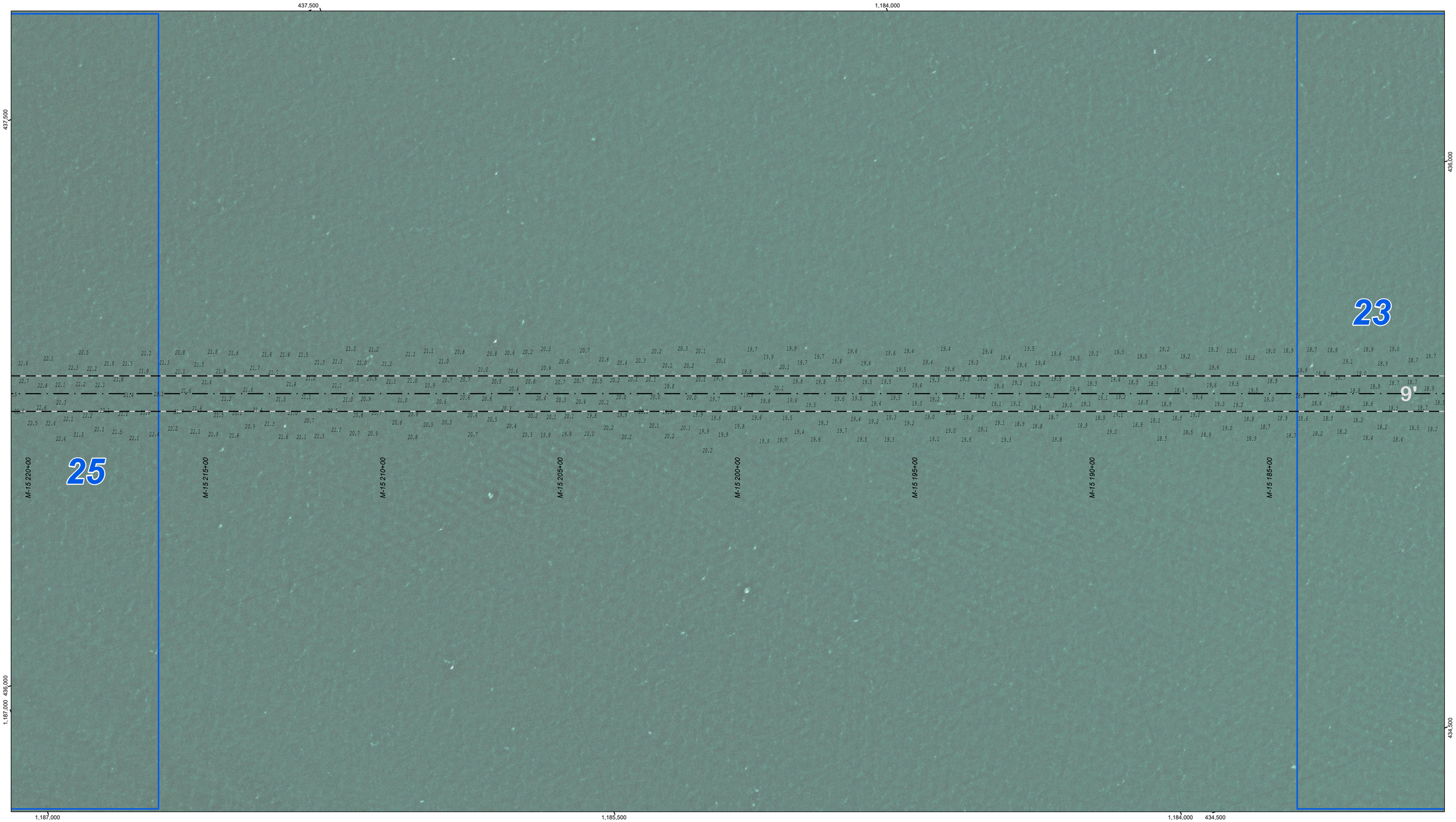
23 of 26

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GIWW CAL TO ANC (MANATEE COUNTY)

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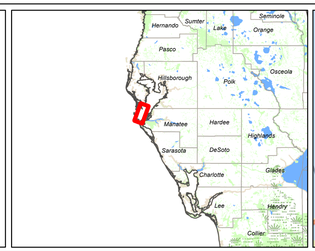
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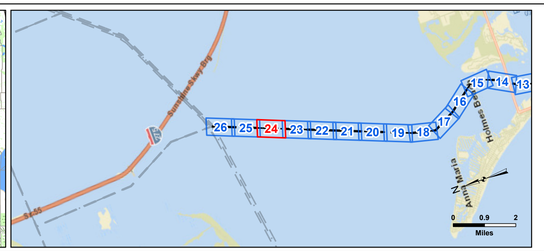
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Feet
0 140 280 420 560
Meters
0 40 80 120 160

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Hydrographic Survey

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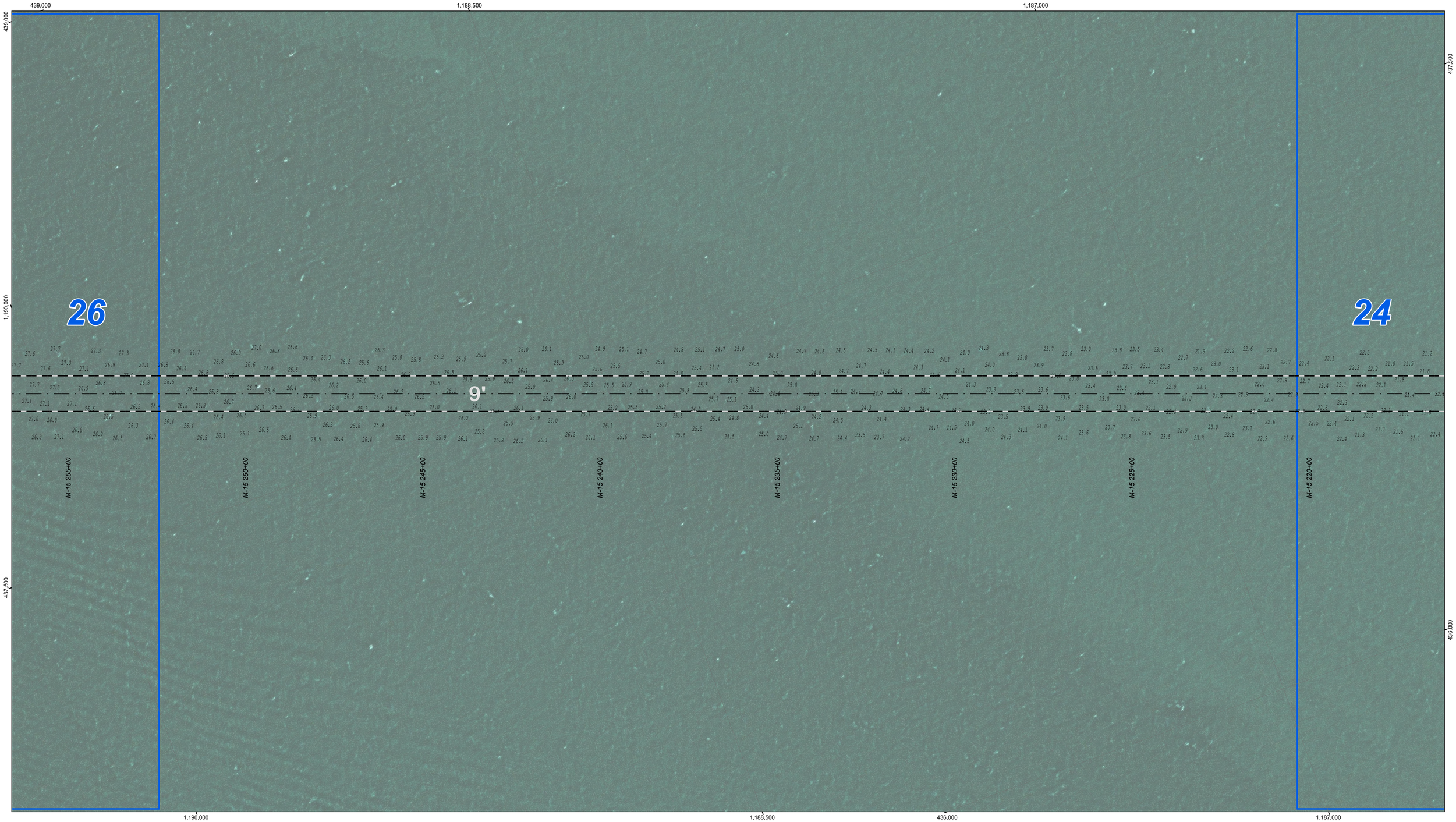
24 of 26

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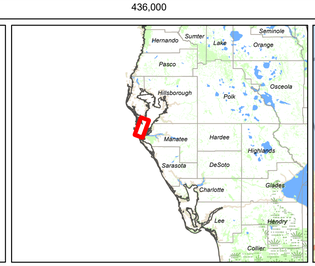
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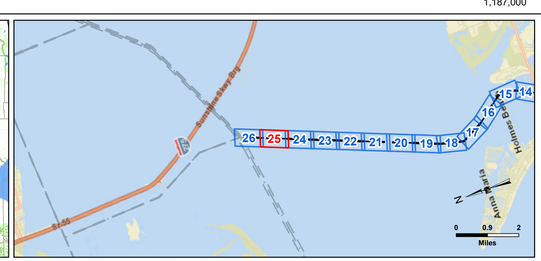
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Feet
0 140 280 420 560
Meters
0 40 80 120 160

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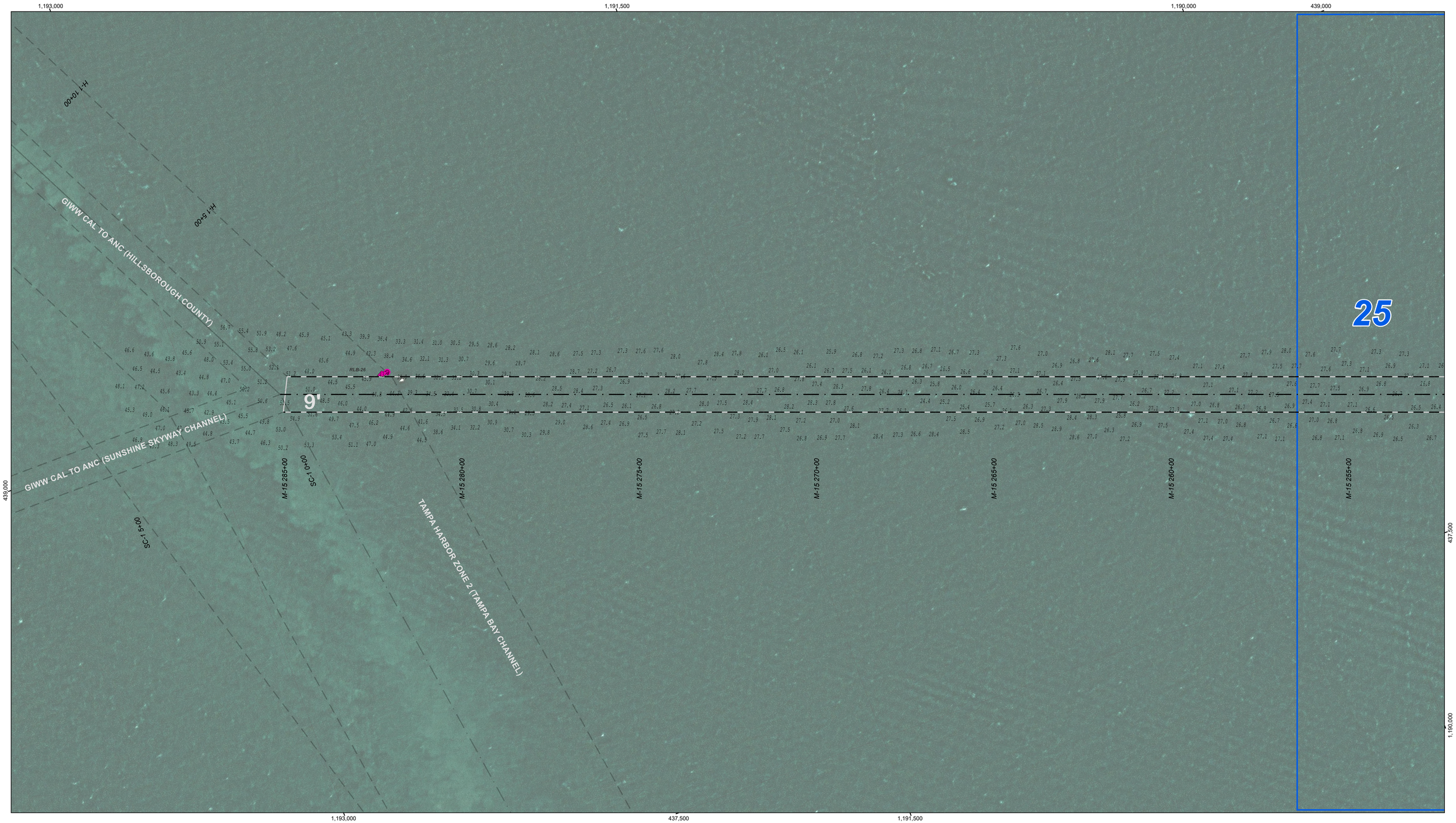
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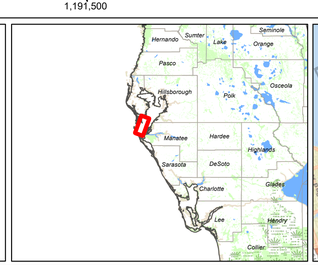
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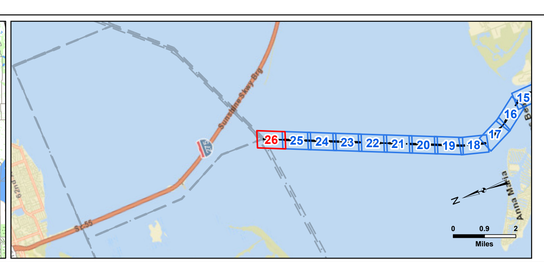
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Meters
0 40 80 120 160

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