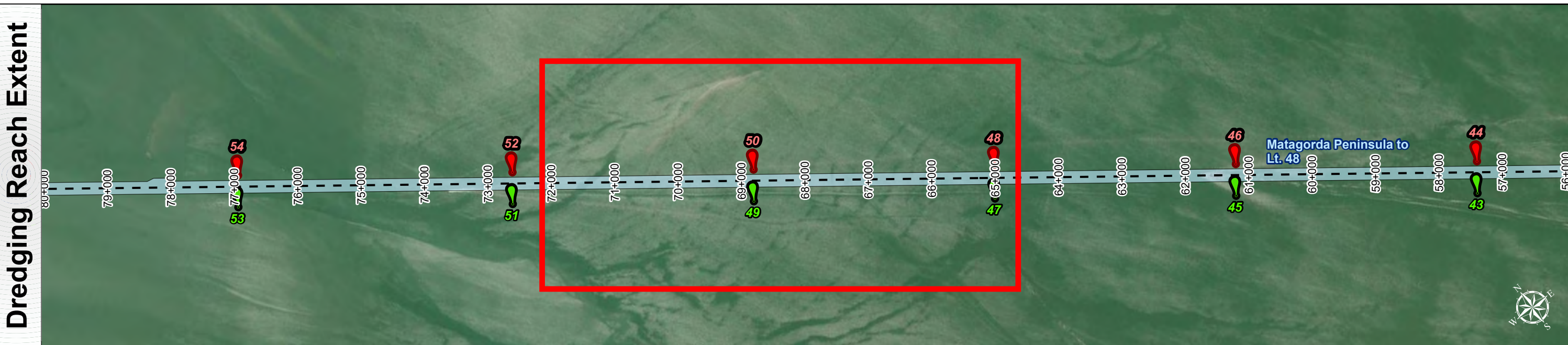


Matagorda Ship Channel: Light 48 to Alcoa Channel



U.S. Army Corps of Engineers
Galveston District



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

≤ 25	25 - 30	30 - 32	32 - 34	34 - 36	36 - 38	38 - 40	40 - 42	> 42
------	---------	---------	---------	---------	---------	---------	---------	------

NOTES:
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Central Zone NAD83 US Survey Feet.
2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.
3. This project was designed by the Galveston 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 er1110-1-6102.
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5. For the most up to date information please check our website at: <http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/>
Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
Combined survey dates 20250423_CS; 20250610_CS_90P800_91P400

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent

0	0.28	0.55	1.1
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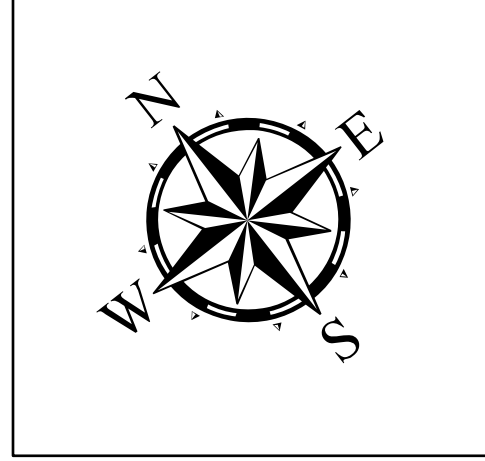
Miles

Hydrographic Survey Extent

0	240	480	960
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Feet

Latest Survey Collection Date: 10 June 2025	Authorized Depth: -38ft.
	Width Range: 200ft to 250ft
Document Page: 1 of 8	Side Slope Ratio: (Rise : Run)
Scale: 1:2,800	PDF Print Date: 6/12/2025
Mapped by: M3AOXPAC	
Additional Imagery info:	



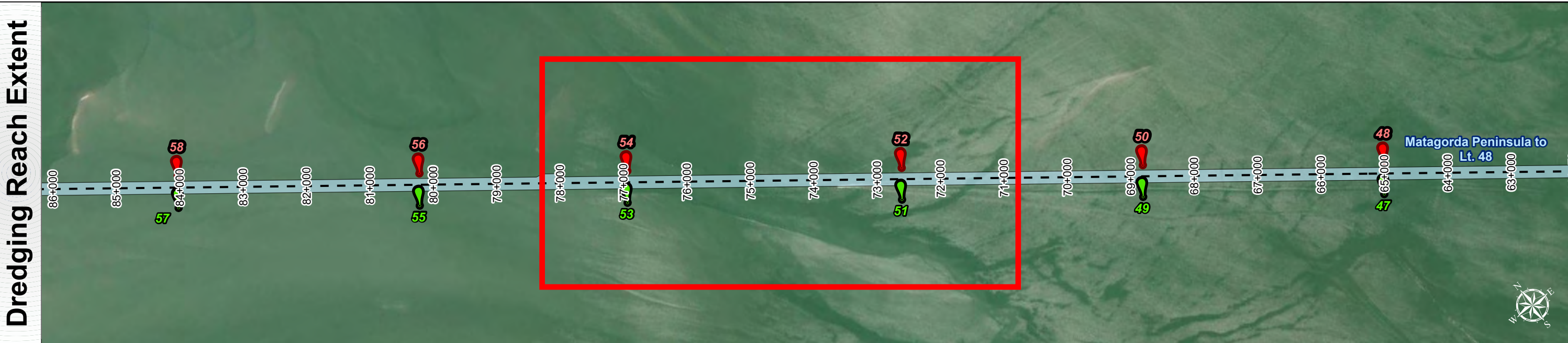
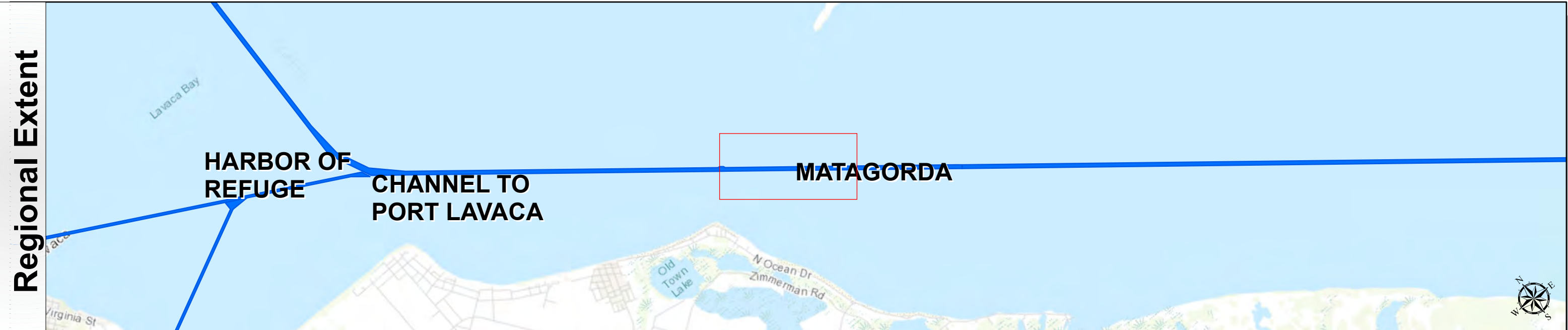
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 65+150 to 110+000
MATAGORDA
Light 48 to Alcoa Channel

Matagorda Ship Channel: Light 48 to Alcoa Channel



U.S. Army Corps of Engineers
Galveston District



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

≤ 25	25 - 30	30 - 32	32 - 34	34 - 36	36 - 38	38 - 40	40 - 42	> 42
Red	Orange	Yellow	Light Green	Green	Dark Green	Blue	Dark Blue	Black

NOTES:
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World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
Combined survey dates 20250423_CS; 20250610_CS_90P800_91P400

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

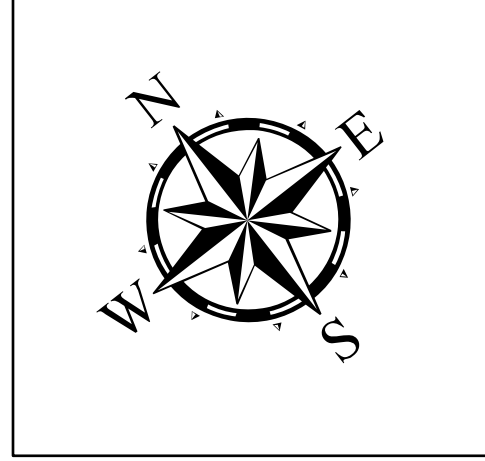
Dredging Reach Extent

0	0.28	0.55	1.1
Miles			

Hydrographic Survey Extent

0	240	480	960
Feet			

Latest Survey Collection Date: 10 June 2025	Authorized Depth: -38ft.
	Width Range: 200ft to 250ft
Document Page: 2 of 8	Side Slope Ratio: (Rise : Run)
Scale: 1:2,800	PDF Print Date: 6/12/2025
Mapped by: M3AOXPAC	
Additional Imagery info:	



HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 65+150 to 110+000
MATAGORDA
Light 48 to Alcoa Channel

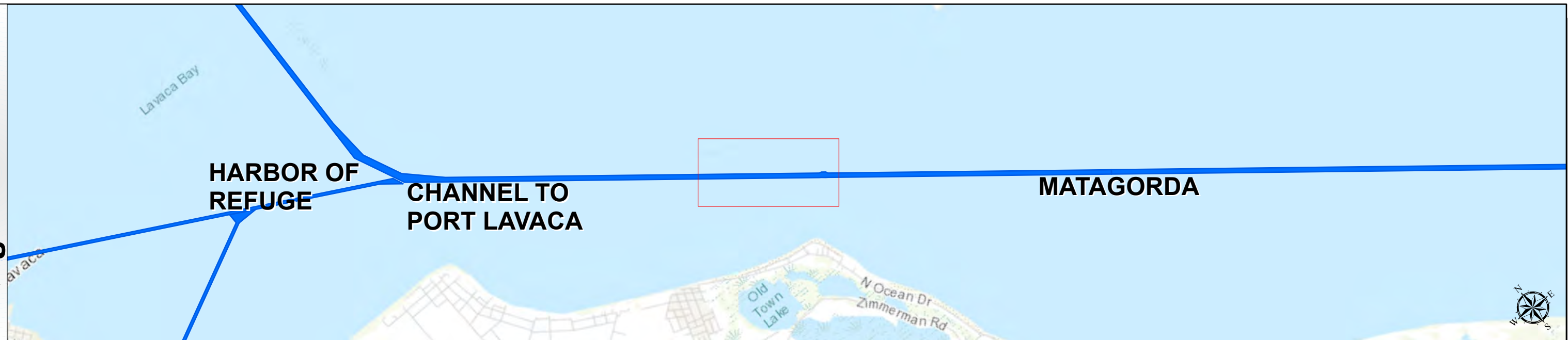
Matagorda Ship Channel: Light 48 to Alcoa Channel



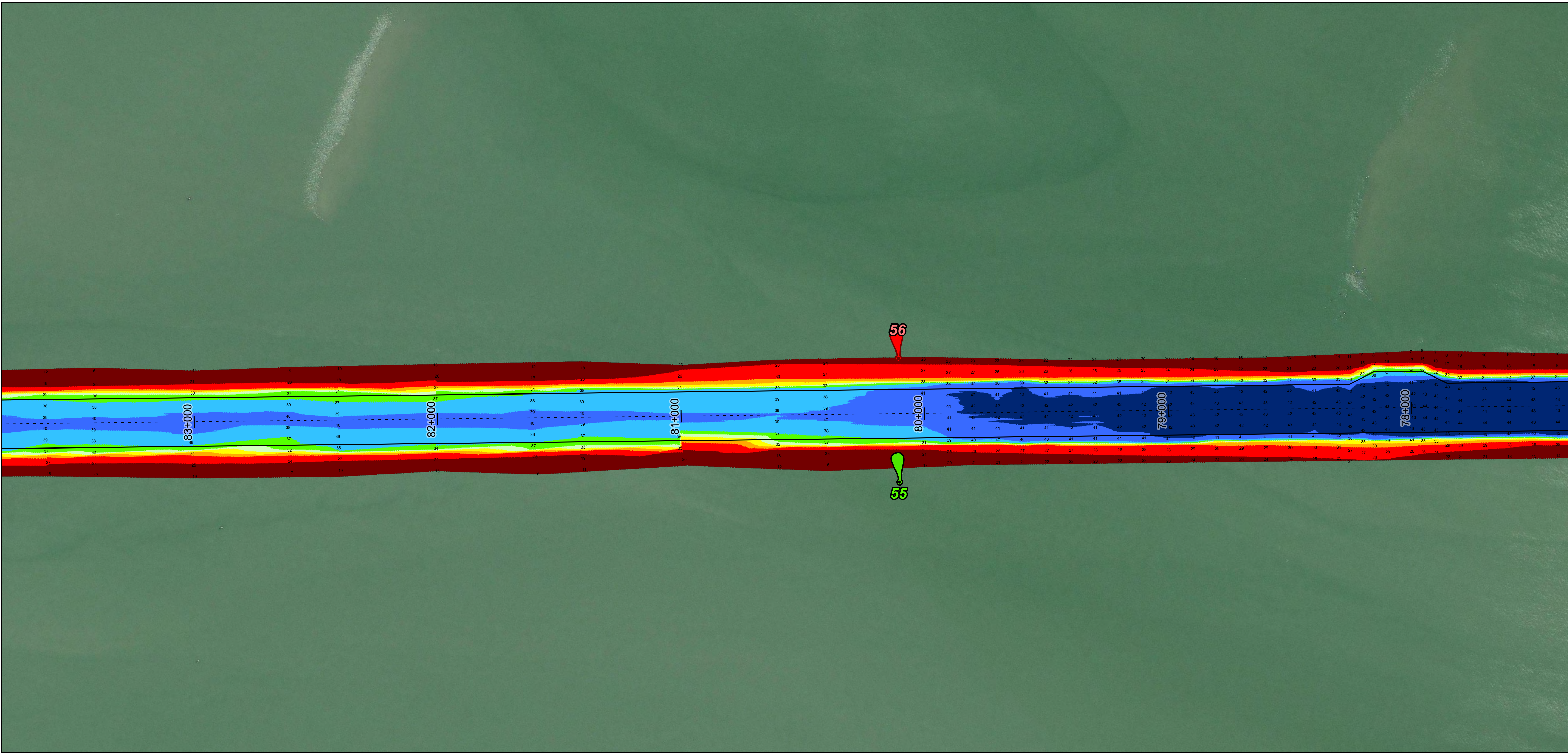
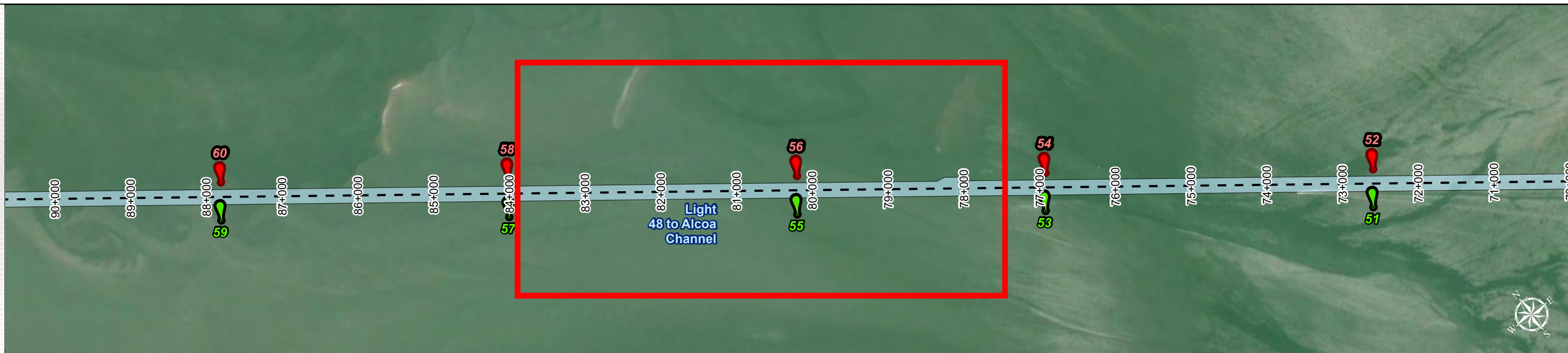
U.S. Army Corps of Engineers
Galveston District



Regional Extent



Dredging Reach Extent



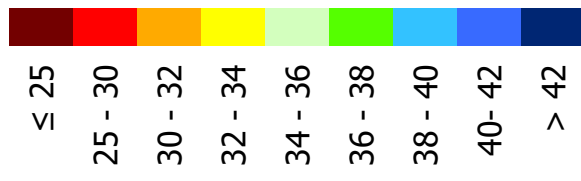
Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

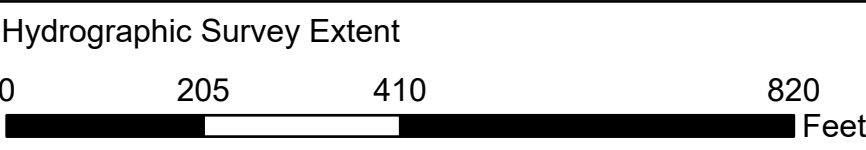
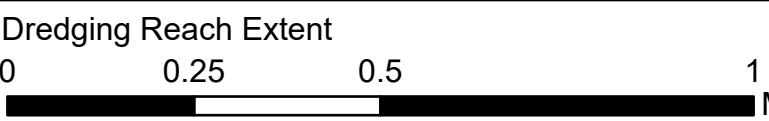
MLLW



NOTES:
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World Imagery: Maxar, Microsoft
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
Combined survey dates 20250423_CS; 20250610_CS_90P800_91P400

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic



HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 65+150 to 110+000
MATAGORDA
Light 48 to Alcoa Channel



Latest Survey Collection Date: 10 June 2025

Document Page: 3 of 8

Website Index Number: 17

Authorized Depth: -38ft.

Width Range: 200ft to 250ft

Side Slope Ratio: (Rise : Run)

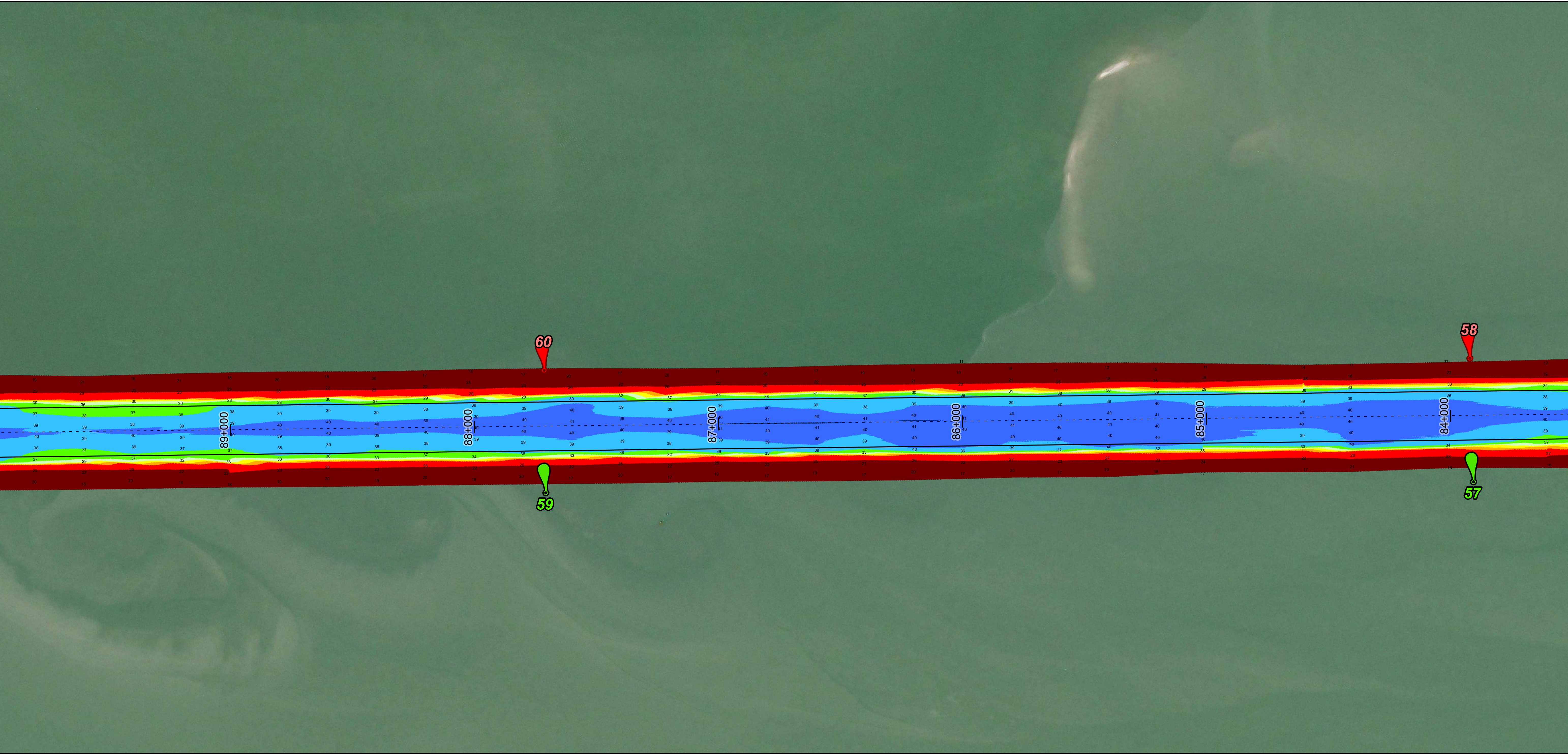
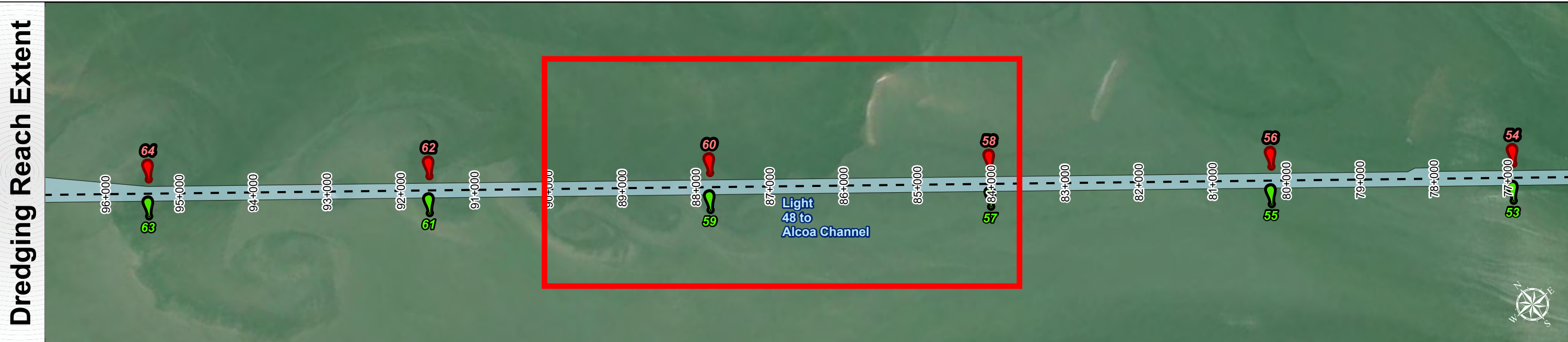
PDF Print Date: 6/12/2025

Additional Imagery info:

Matagorda Ship Channel: Light 48 to Alcoa Channel



U.S. Army Corps of Engineers
Galveston District



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

≤ 25 25 - 30 30 - 32 32 - 34 34 - 36 36 - 38 38 - 40 40 - 42 > 42

NOTES:

1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Central Zone NAD83 US Survey Feet.

2. Elevations are referenced to Mean Lower Low Water (MLLW) datum.

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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METINASA, NGA, EPA, USDA
World Imagery: Maxar, Microsoft
World Imagery: Maxar
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Additional Combined Survey Dates and Stationing:

Combined survey dates 20250423_CS; 20250610_CS_90P800_91P400

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

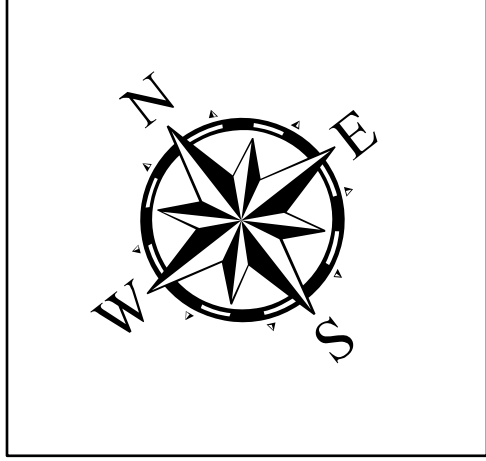
Dredging Reach Extent

0 0.25 0.5 1 Miles

Hydrographic Survey Extent

0 205 410 820 Feet

Latest Survey Collection Date: 10 June 2025	Authorized Depth: -38ft.
	Width Range: 200ft to 250ft
Document Page: 4 of 8	Side Slope Ratio: (Rise : Run)
Scale: 1:2,400	PDF Print Date: 6/12/2025
Mapped by: M3AOXPAC	
Additional Imagery info:	



HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 65+150 to 110+000

MATAGORDA

Light 48 to Alcoa Channel

Matagorda Ship Channel: Light 48 to Alcoa Channel



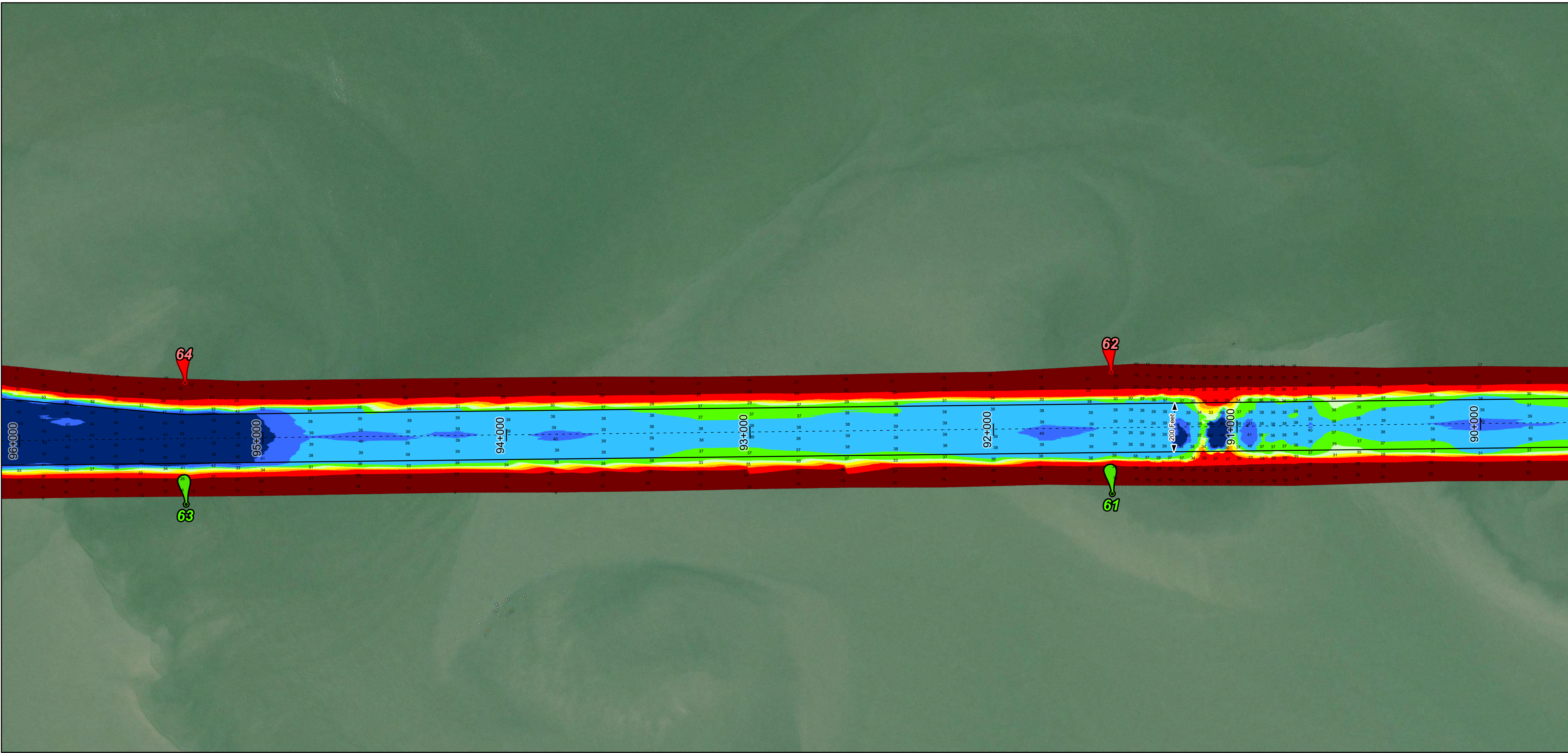
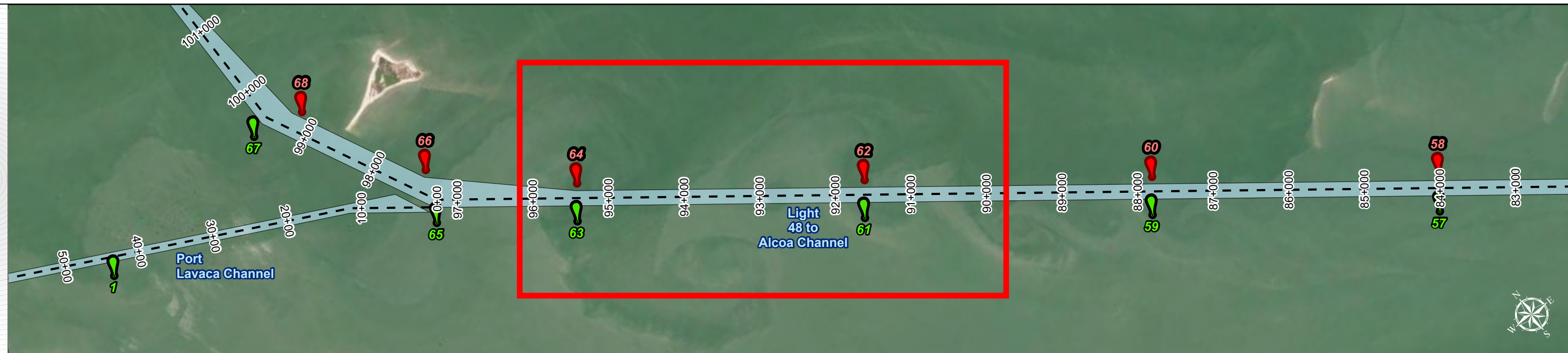
U.S. Army Corps of Engineers
Galveston District



Regional Extent



Dredging Reach Extent



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

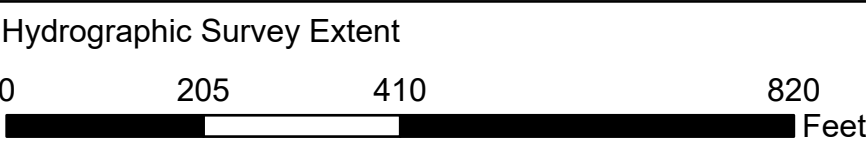
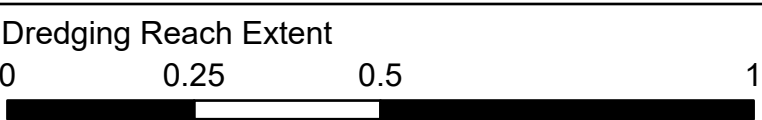
MLLW



NOTES:
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World Imagery: Maxar, Microsoft
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
Combined survey dates 20250423_CS; 20250610_CS_90P800_91P400

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic



HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 65+150 to 110+000
MATAGORDA
Light 48 to Alcoa Channel










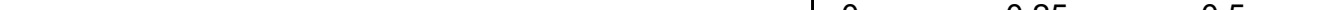
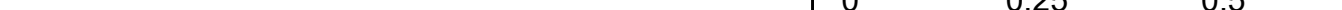
Latest Survey Collection Date: 10 June 2025
Document Page: 5 of 8
Scale: 1:2,400
Mapped by: M3AOXPAC
Additional Imagery info:

Authorized Depth: -38ft.

Width Range: 200ft to 250ft

Side Slope Ratio: (Rise : Run)

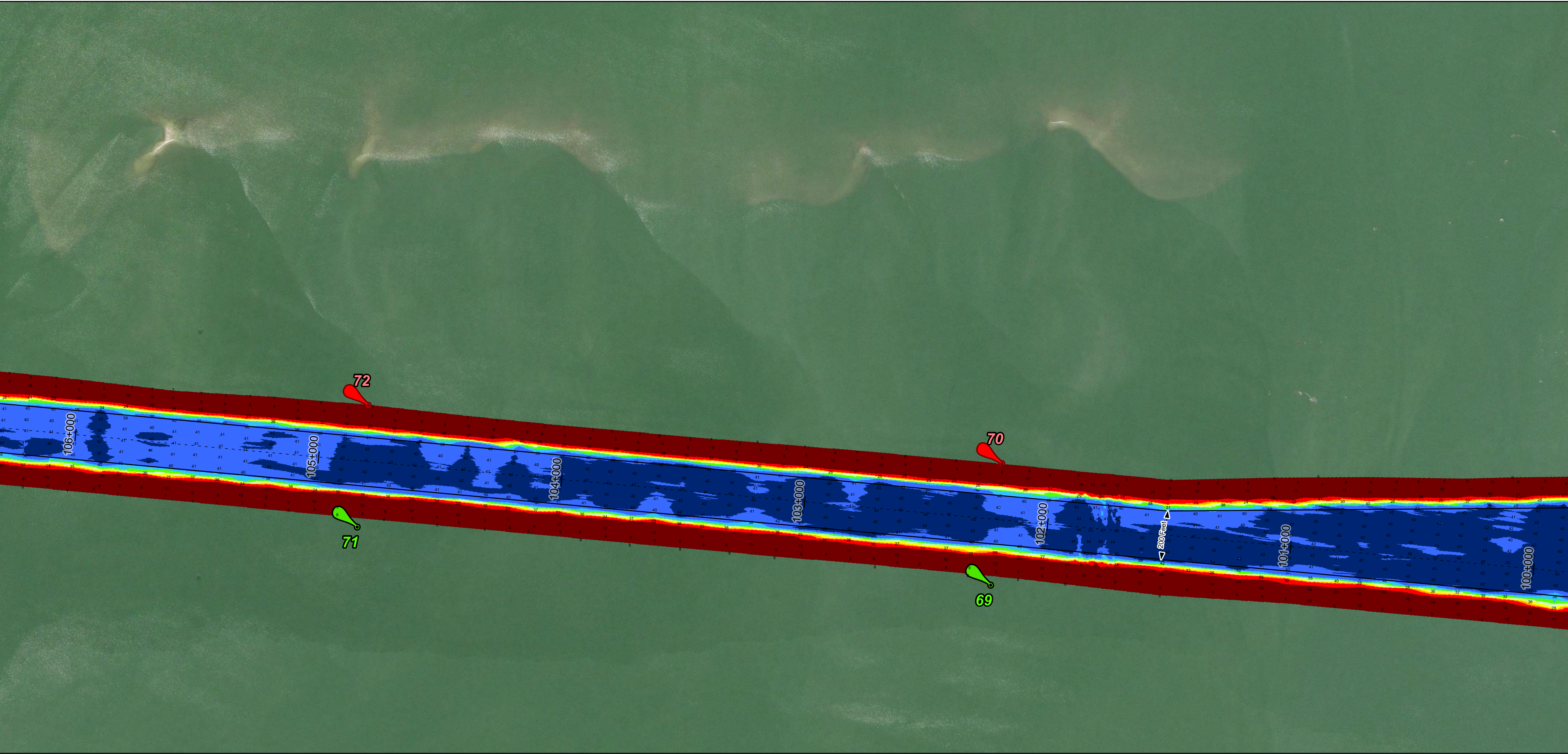
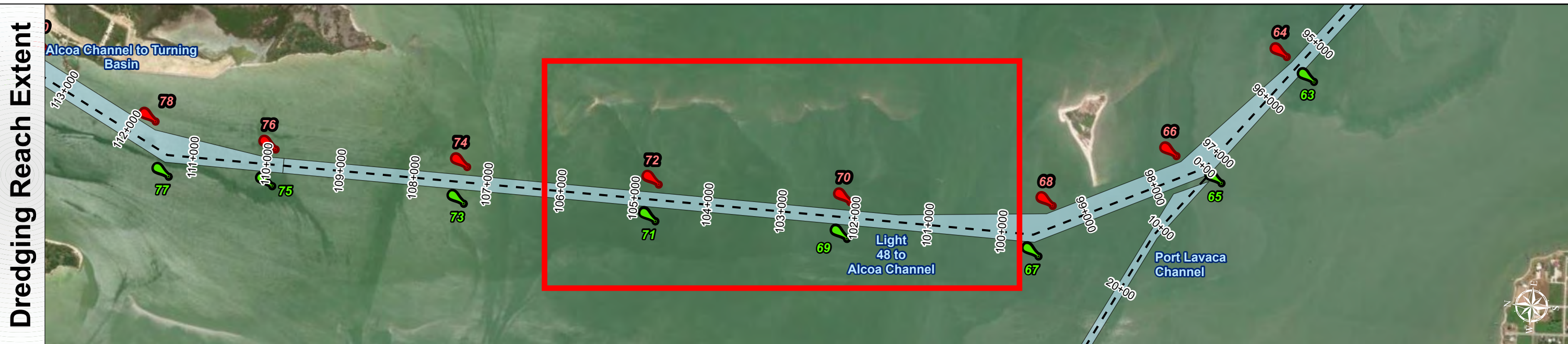
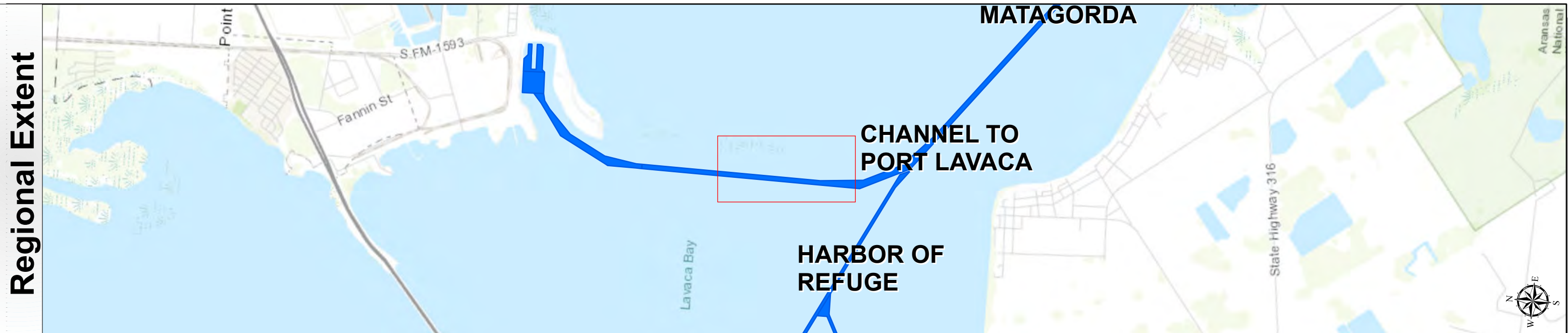
PDF Print Date: 6/12/2025

Channel Features  Channel Center Line  Channel Toe  Channel Dimensions	Aids to Navigation  Green Side Aids  Red Side Aids  Lights	MLLW  ≤ 25 25 - 30 30 - 32 32 - 34 34 - 36 36 - 38 38 - 40 40 - 42 > 42	NOTES: 1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Central Zone NAD83 US Survey Feet. 2. Elevations are referenced to Mean Lower Low Water (MLLW) datum. 3. This project was designed by the Galveston 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 ar1110-1-8152. 4. 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. 5. For the most up to date information please check our website at: http://www.swg.usace.army.mil/Missions/Navigation/Hydrographic/Surveys/ Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NSA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar World Ocean Base: Esri, GEBCO, Garmin, NaturalVue	Additional Combined Survey Dates and Stationing: Combined survey dates 20250423_CS; 20250610_CS_90P800_91P400	Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet Projection: Lambert Conformal Conic Dredging Reach Extent  0 0.25 0.5 1 Miles Hydrographic Survey Extent  0 205 410 820 Feet	<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> HYDROGRAPHIC SURVEY U.S. ARMY CORPS OF ENGINEERS GALVESTON DISTRICT Station: M1 Light </div>
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Matagorda Ship Channel: Light 48 to Alcoa Channel

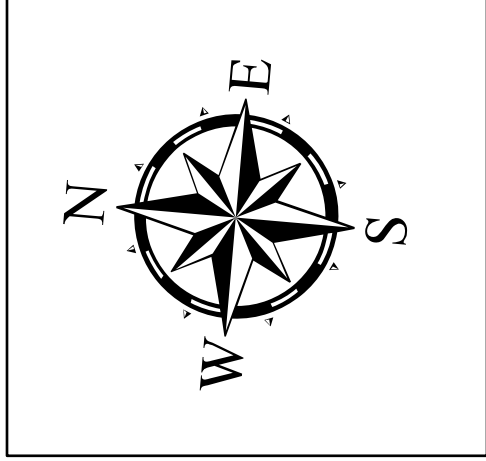


U.S. Army Corps of Engineers
Galveston District



Channel Features <ul style="list-style-type: none">Channel Center LineChannel ToeChannel Dimensions	Aids to Navigation <ul style="list-style-type: none">Green Side AidsRed Side AidsLights	MLLW <table><tr><td>≤ 25</td><td>25 - 30</td><td>30 - 32</td><td>32 - 34</td><td>34 - 36</td><td>36 - 38</td><td>38 - 40</td><td>40 - 42</td><td>> 42</td></tr><tr><td>Red</td><td>Orange</td><td>Yellow</td><td>Light Green</td><td>Green</td><td>Dark Green</td><td>Blue</td><td>Dark Blue</td><td>Black</td></tr></table>	≤ 25	25 - 30	30 - 32	32 - 34	34 - 36	36 - 38	38 - 40	40 - 42	> 42	Red	Orange	Yellow	Light Green	Green	Dark Green	Blue	Dark Blue	Black	NOTES: <ol style="list-style-type: none">Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Central Zone NAD83 US Survey Feet.Elevations are referenced to Mean Lower Low Water (MLLW) datum.This project was designed by the Galveston 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 47CFR 110.1-41.02.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 209.325For the most up to date information please check our website at: http://www.svg.usace.army.mil/Missions/Navigation/HydrographicSurveys/ <p>Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World Imagery: Maxar, Microsoft World Imagery: Maxar World Ocean Base: Esri, GEBCO, Garmin, NaturalVue</p>	Additional Combined Survey Dates and Stationing: Combined survey dates 20250423_CS; 20250610_CS_90P800_91P400	Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet Projection: Lambert Conformal Conic
≤ 25	25 - 30	30 - 32	32 - 34	34 - 36	36 - 38	38 - 40	40 - 42	> 42															
Red	Orange	Yellow	Light Green	Green	Dark Green	Blue	Dark Blue	Black															
				Dredging Reach Extent 0 0.25 0.5 1 Miles																			
				Hydrographic Survey Extent 0 205 410 820 Feet																			

Latest Survey Collection Date: 10 June 2025	Authorized Depth: -38ft.	
	Document Page: 7 of 8	Width Range: 200ft to 250ft
	Scale: 1:2,400	Side Slope Ratio: (Rise : Run)
Mapped by: M3AOXPAC		PDF Print Date: 6/12/2025
Additional Imagery info:		



HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 65+150 to 110+000
MATAGORDA
Light 48 to Alcoa Channel

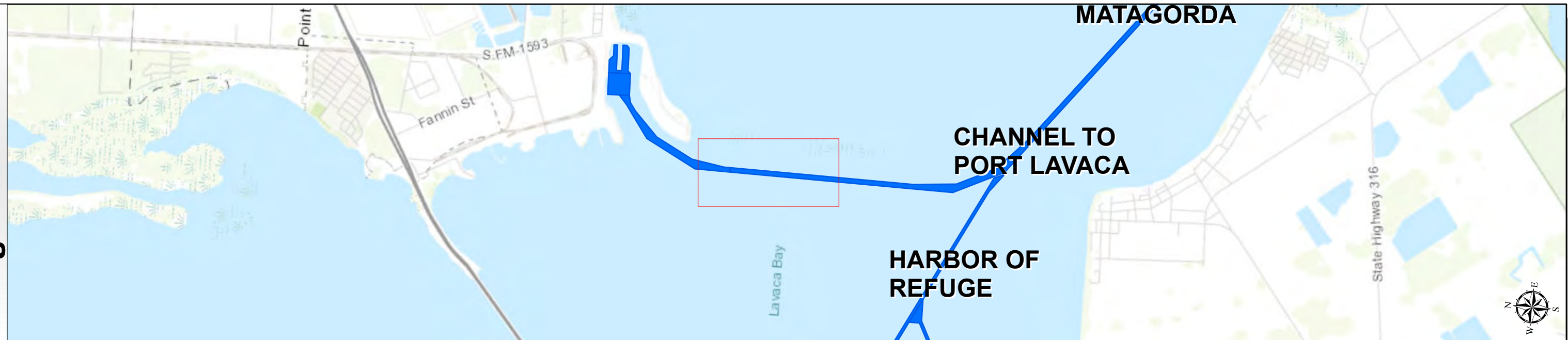
Matagorda Ship Channel: Light 48 to Alcoa Channel



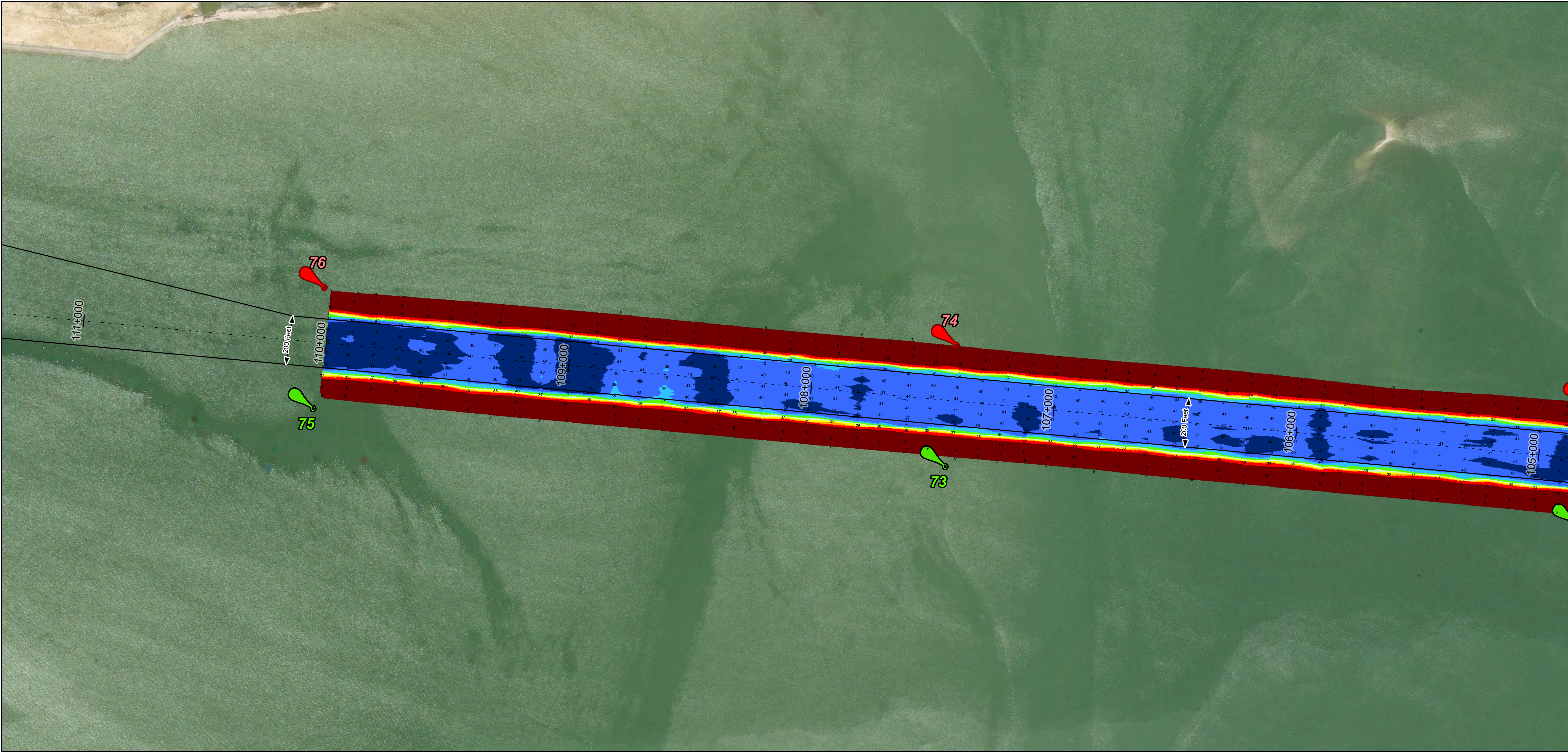
U.S. Army Corps of Engineers
Galveston District



Regional Extent



Dredging Reach Extent



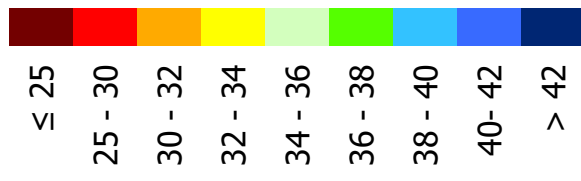
Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW



NOTES:
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World Imagery: Maxar, Microsoft
World Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
Combined survey dates 20250423_CS; 20250610_CS_90P800_91P400

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

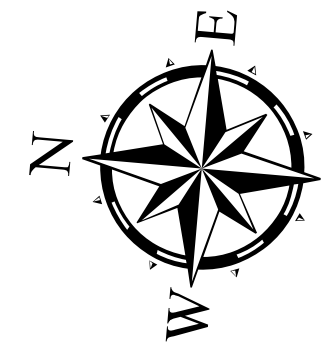
Dredging Reach Extent
0 0.25 0.5 1 Miles

Hydrographic Survey Extent
0 205 410 820 Feet

HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 65+150 to 110+000
MATAGORDA
Light 48 to Alcoa Channel



Latest Survey Collection Date: 10 June 2025

Document Page: 8 of 8

Website Index Number: 22

Scale: 1:2,400

Mapped by: M3AOXPAC

Additional Imagery info:

Authorized Depth: -38ft.

Width Range: 200ft to 250ft

Side Slope Ratio: (Rise : Run)

PDF Print Date: 6/12/2025