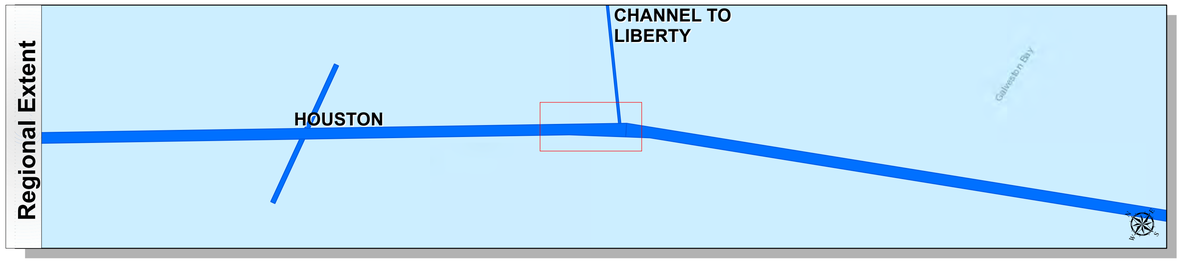
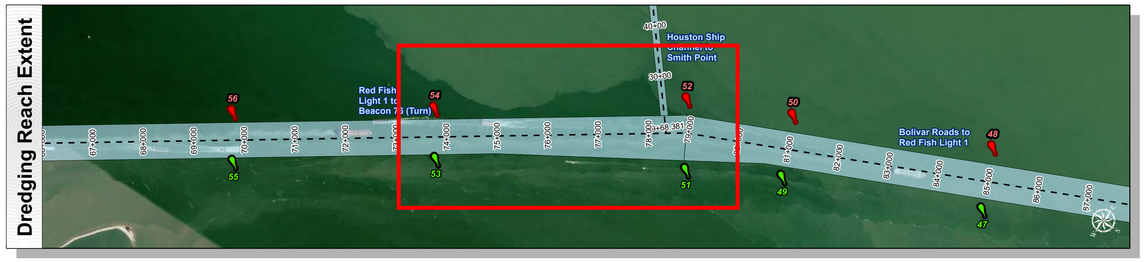
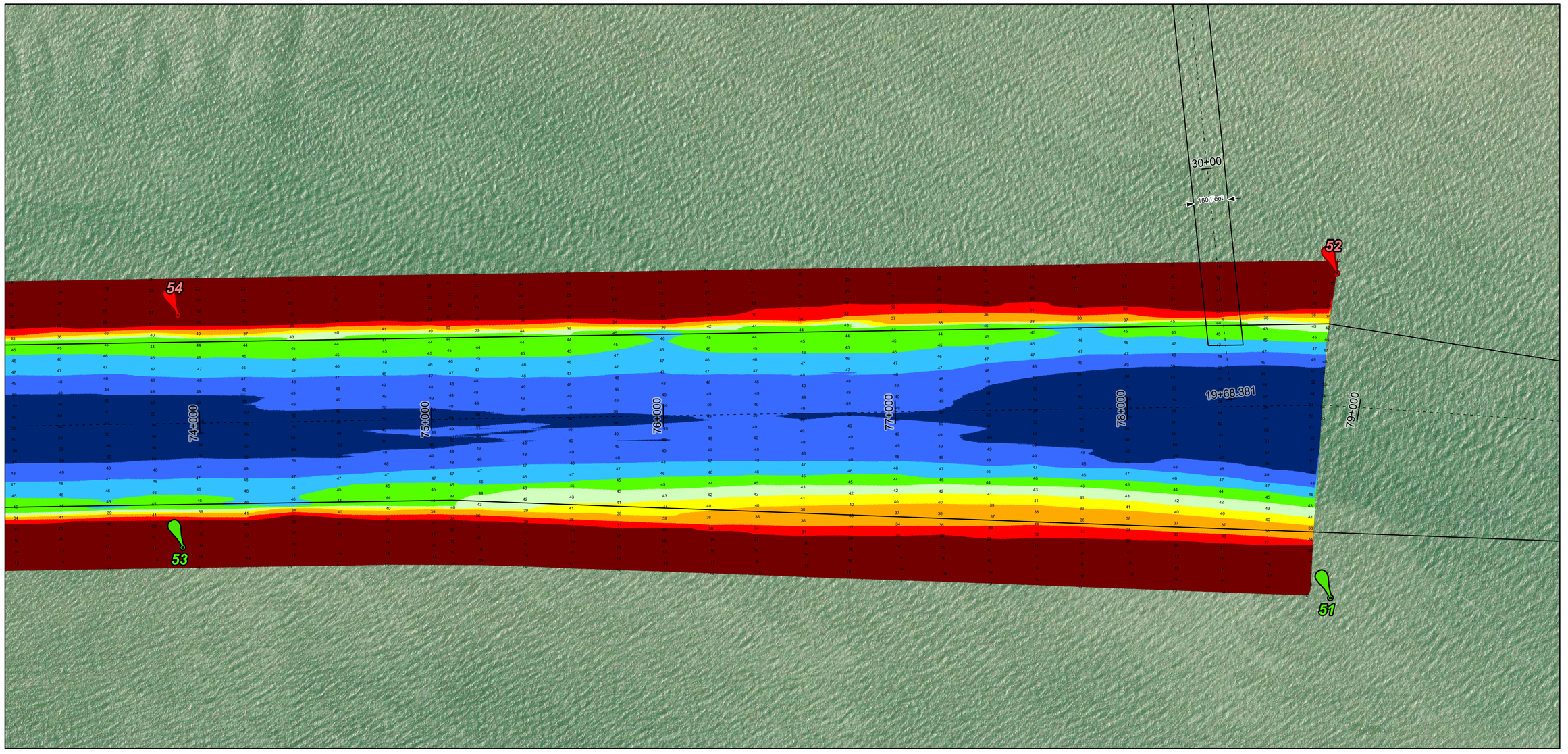
Houston Ship Channel: Red Fish Light 1 to Beacon 76 (Turn)

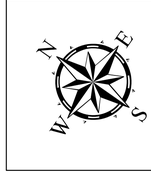




U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 May 2025
Authorized Depth: -46ft.	
Document Page: 1 of 9	Website Index Number: 11
Width Range: 700ft to 700ft	
Scale: 1:2,500	Side Slope Ratio: 1:2.5 (Rise : Run)
Mapped by: m3odnmhg	PDF Print Date: 6/13/2025
Additional Imagery info:	



Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

≤ 30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	> 50

NOTES:
1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Central Zone NAD83 US Survey Feet.
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combined surveys: 20250521_PR_51P400_30P089; 20250509_PR_T01_63P600_51P400; 20250508_PR_T01_78P844_63P600.

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

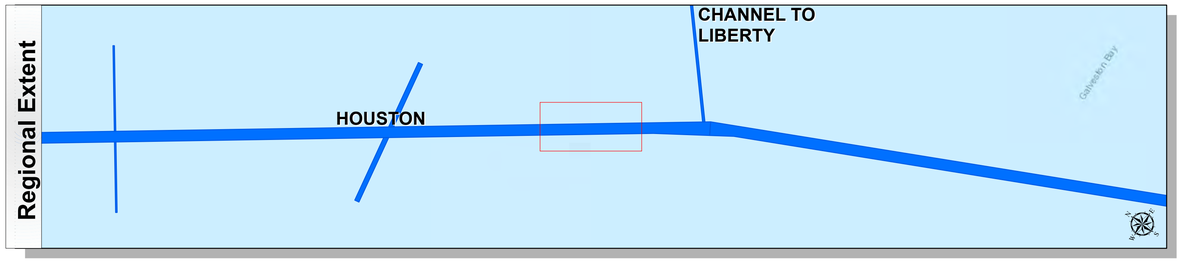
Dredging Reach Extent
0 0.25 0.5 1 Miles

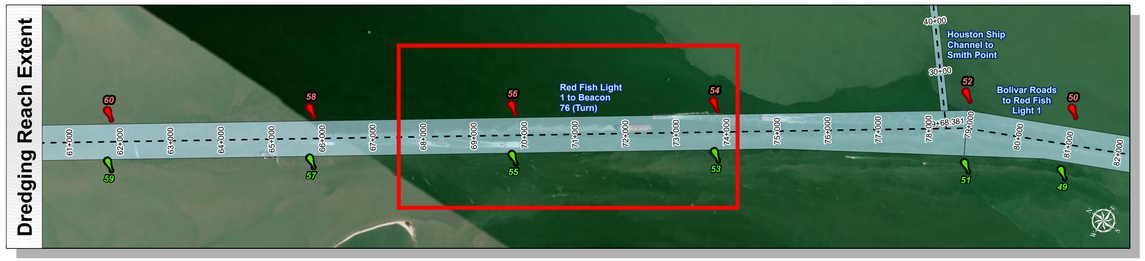
Hydrographic Survey Extent
0 215 430 860 Feet

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

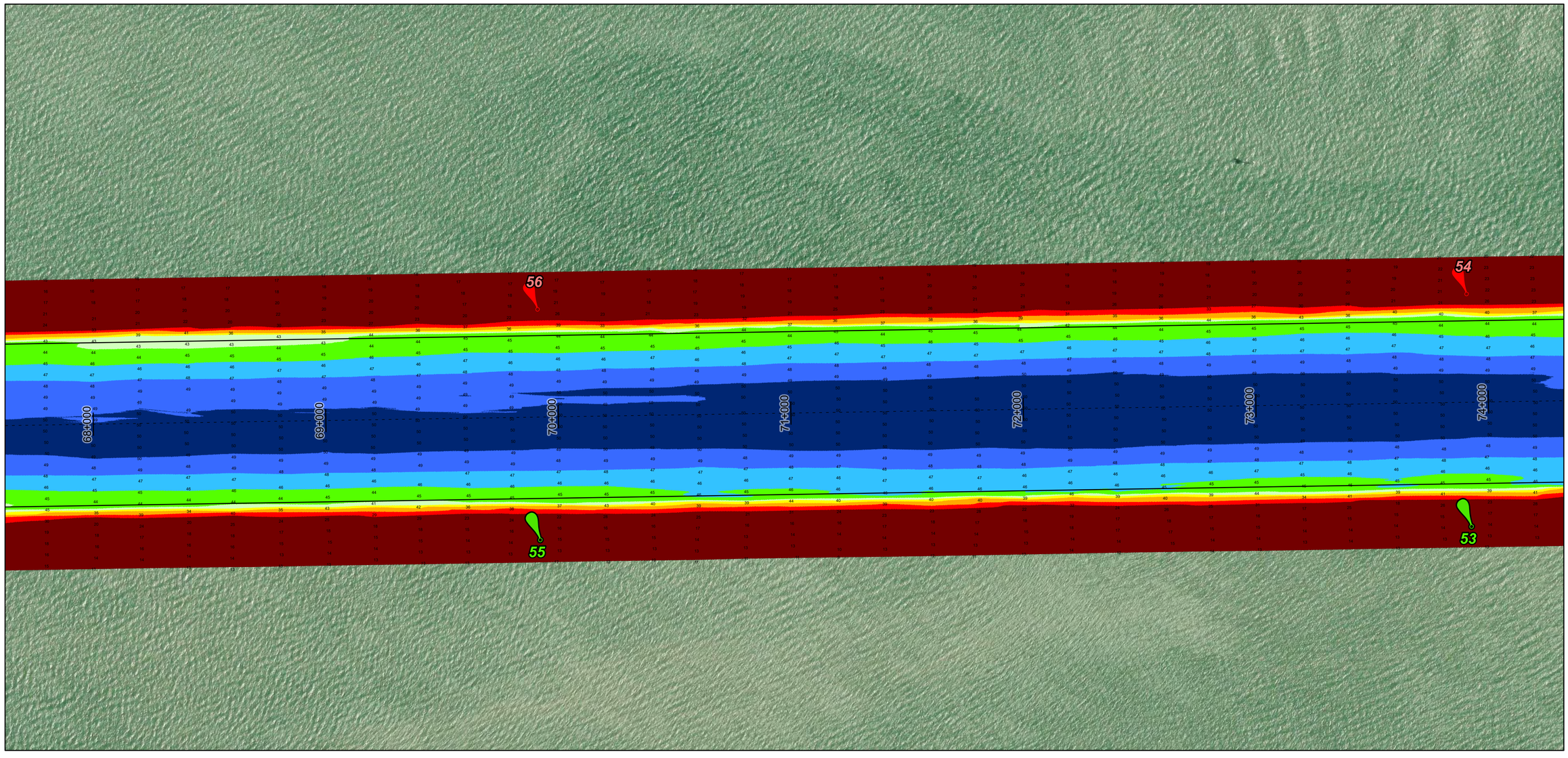
Station: 78+844 to 30+091
HOUSTON
Red Fish Light 1 to Beacon 76 (Turn)

Houston Ship Channel: Red Fish Light 1 to Beacon 76 (Turn)

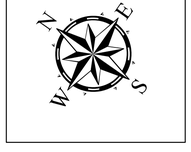




U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 21 May 2025	Authorized Depth: -46ft.
Document Page: 2 of 9	Website Index Number: 12
Scale: 1:2,500	Side Slope Ratio: 1:2.5 (Rise : Run)
Mapped by: m3odnmhg	PDF Print Date: 6/13/2025
Additional Imagery info:	



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

Station: 78+844 to 30+091
HOUSTON
Red Fish Light 1 to Beacon 76 (Turn)

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

≤ 30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	> 50

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

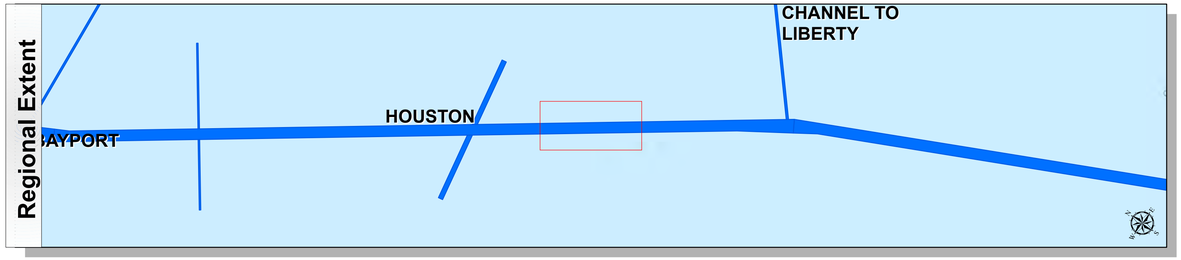
Additional Combined Survey Dates and Stationing:
Combined surveys: 20250521_PR_51P400_30P089; 20250509_PR_T01_63P600_51P400; 20250508_PR_T01_78P844_63P600.

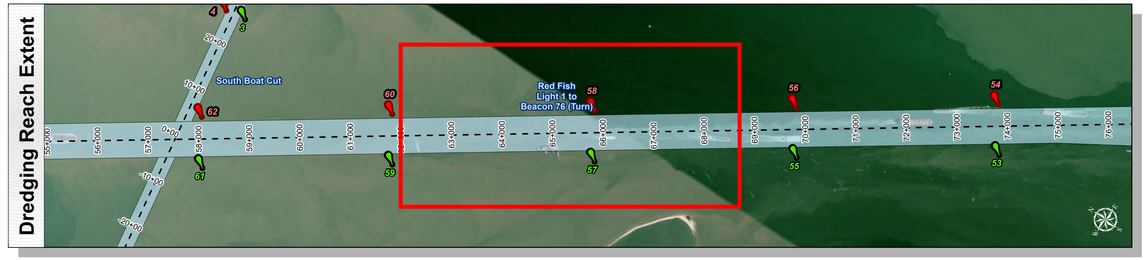
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.25 0.5 1 Miles

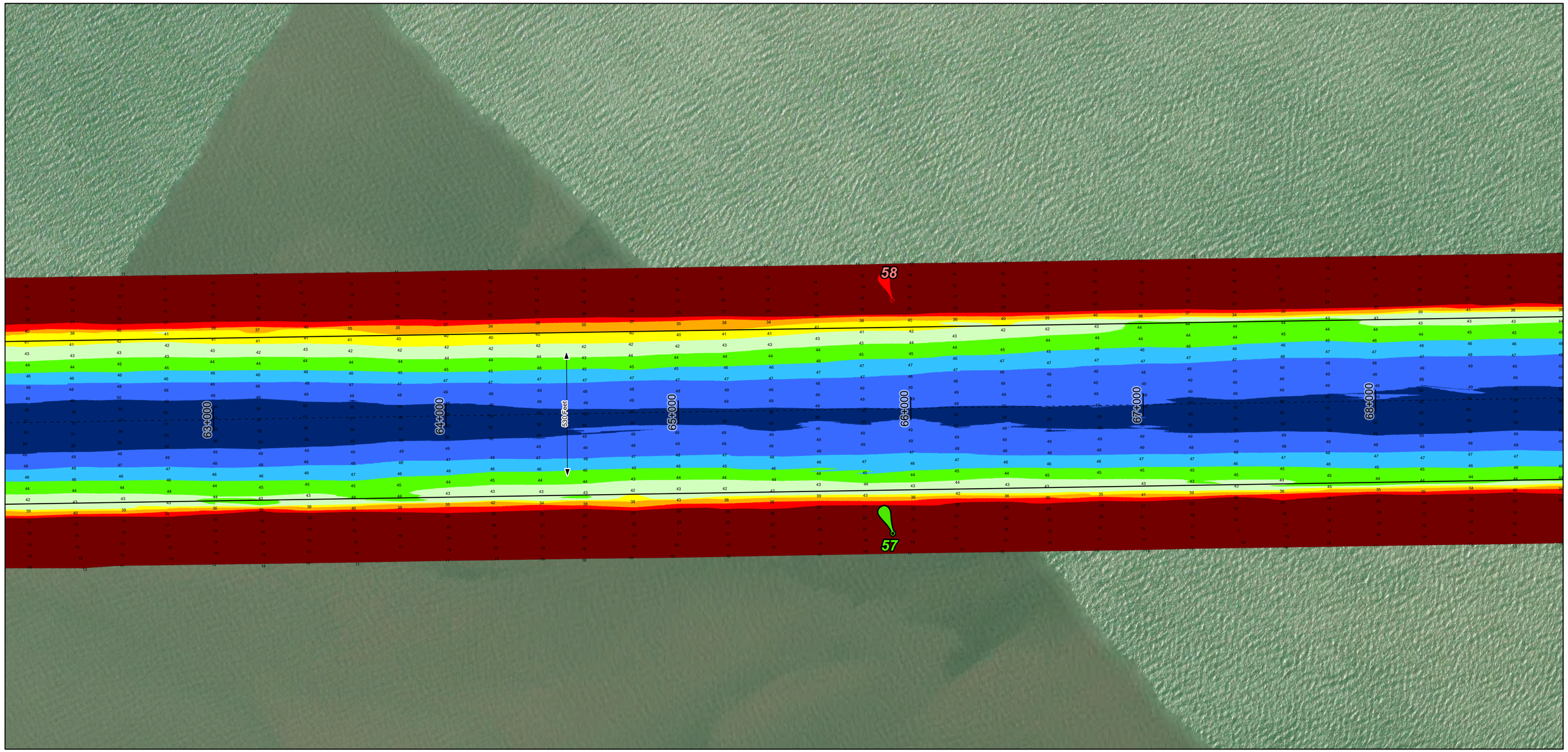
Hydrographic Survey Extent
0 215 430 860 Feet

Houston Ship Channel: Red Fish Light 1 to Beacon 76 (Turn)





U.S. Army Corps of Engineers
Galveston District



Authorized Depth:	-46ft.
Latest Survey Collection Date:	21 May 2025
Width Range:	700ft to 700ft
Website Index Number:	13
Document Page:	3 of 9
Side Slope Ratio:	1:2.5 (Rise : Run)
Scale:	1:2,500
PDF Print Date:	6/13/2025
Mapped by:	m3odnmhg
Additional Imagery info:	

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

Station: 78+844 to 30+091
HOUSTON
Red Fish Light 1 to Beacon 76 (Turn)

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

VI	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	> 50

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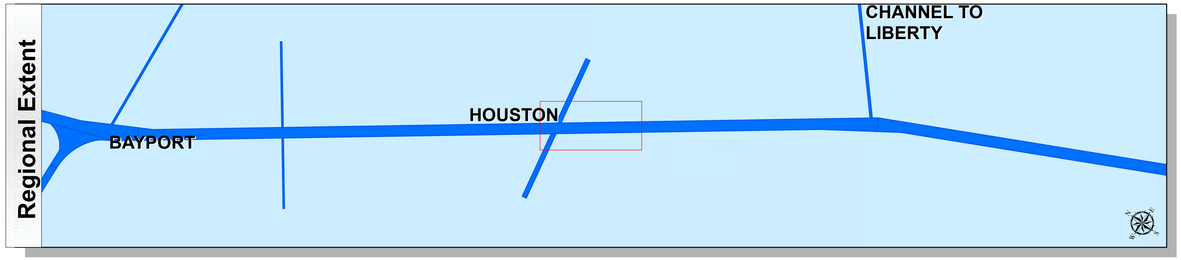
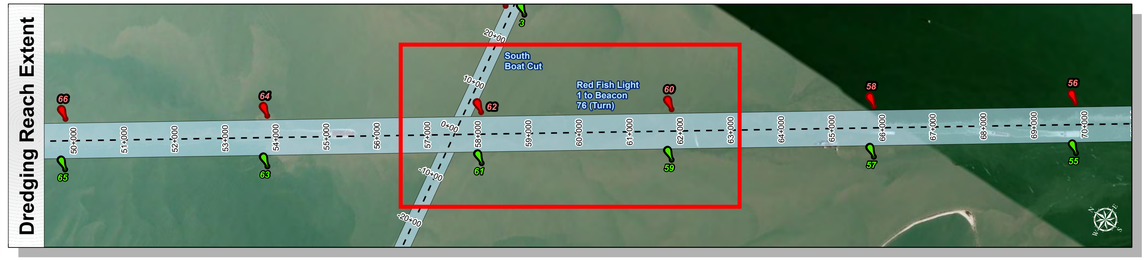
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.25 0.5 1 Miles

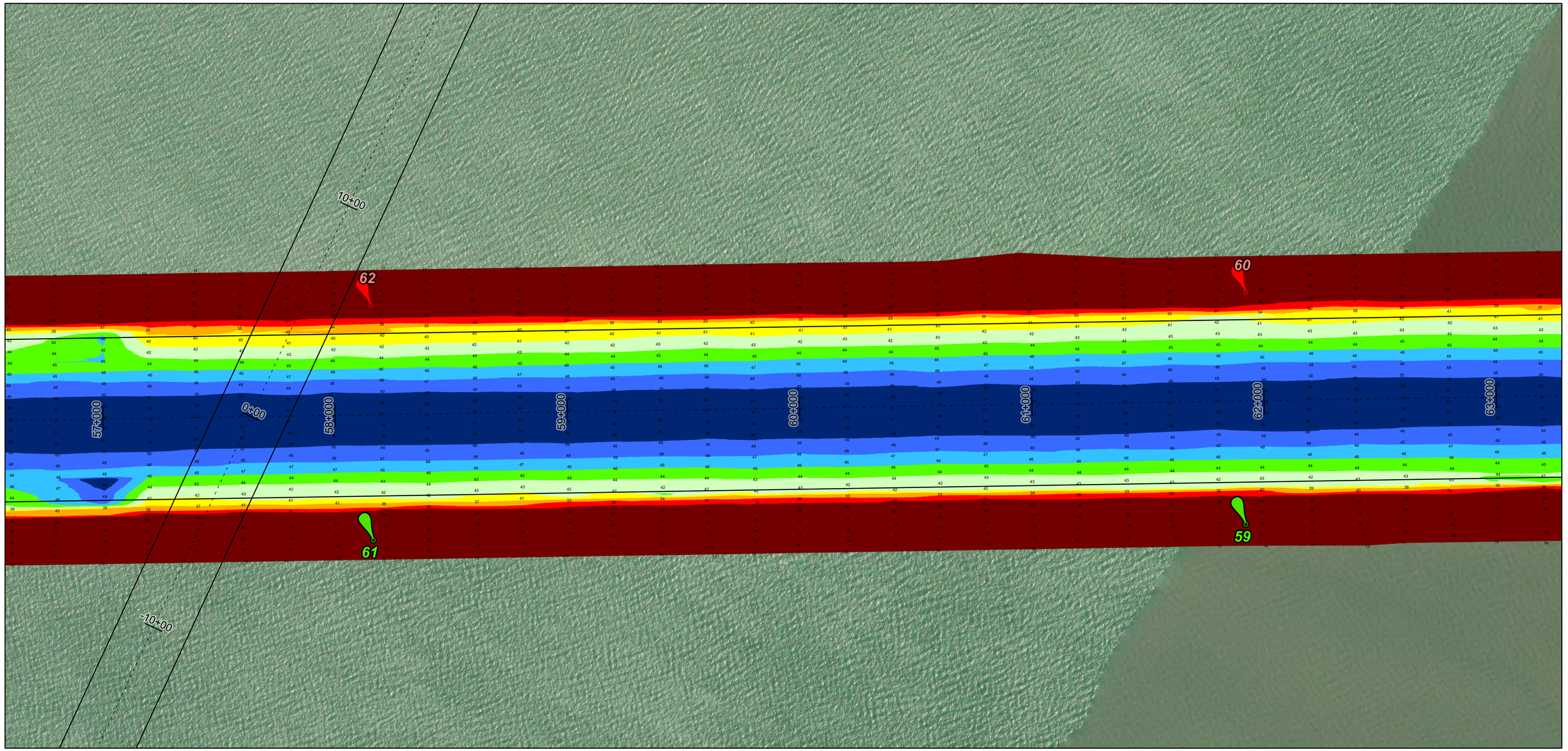
Hydrographic Survey Extent
0 215 430 860 Feet

Houston Ship Channel: Red Fish Light 1 to Beacon 76 (Turn)





U.S. Army Corps of Engineers
Galveston District



Authorized Depth:	-46ft.
Width Range:	700ft to 700ft
Side Slope Ratio:	1:2.5 (Rise : Run)
PDF Print Date:	6/13/2025
Latest Survey Collection Date:	21 May 2025
Website Index Number:	14
Document Page:	4 of 9
Scale:	1:2,500
Mapped by:	m3odnmhg
Additional Imagery info:	

N W E S

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

<= 30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	> 50

NOTES:
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Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:

Combined surveys: 20250521_PR_51P400_30P089; 20250509_PR_T01_63P600_51P400; 20250508_PR_T01_78P844_63P600.

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

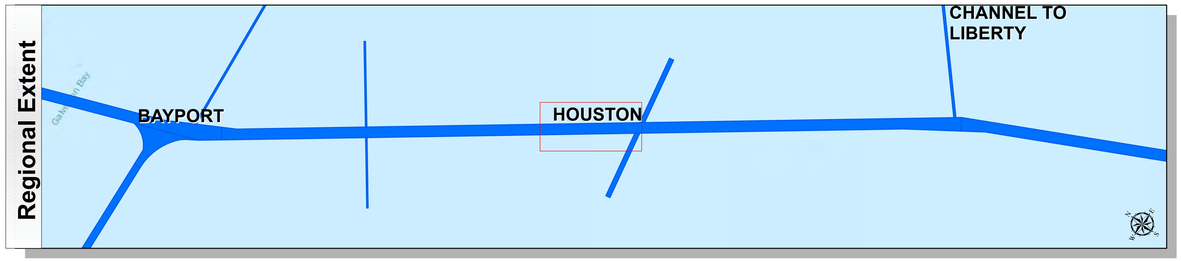
Dredging Reach Extent
0 0.25 0.5 1 Miles

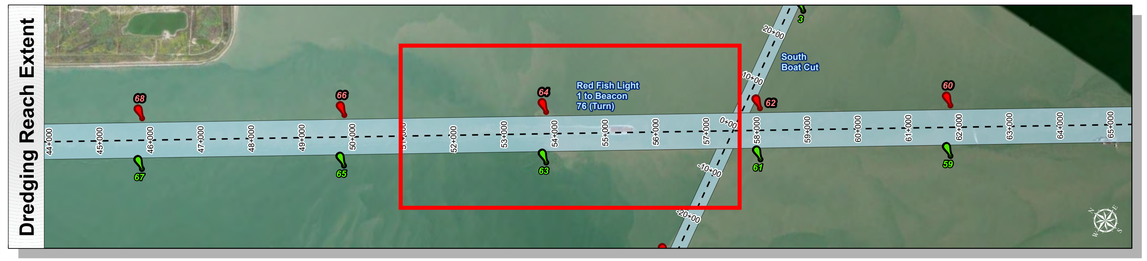
Hydrographic Survey Extent
0 215 430 860 Feet

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

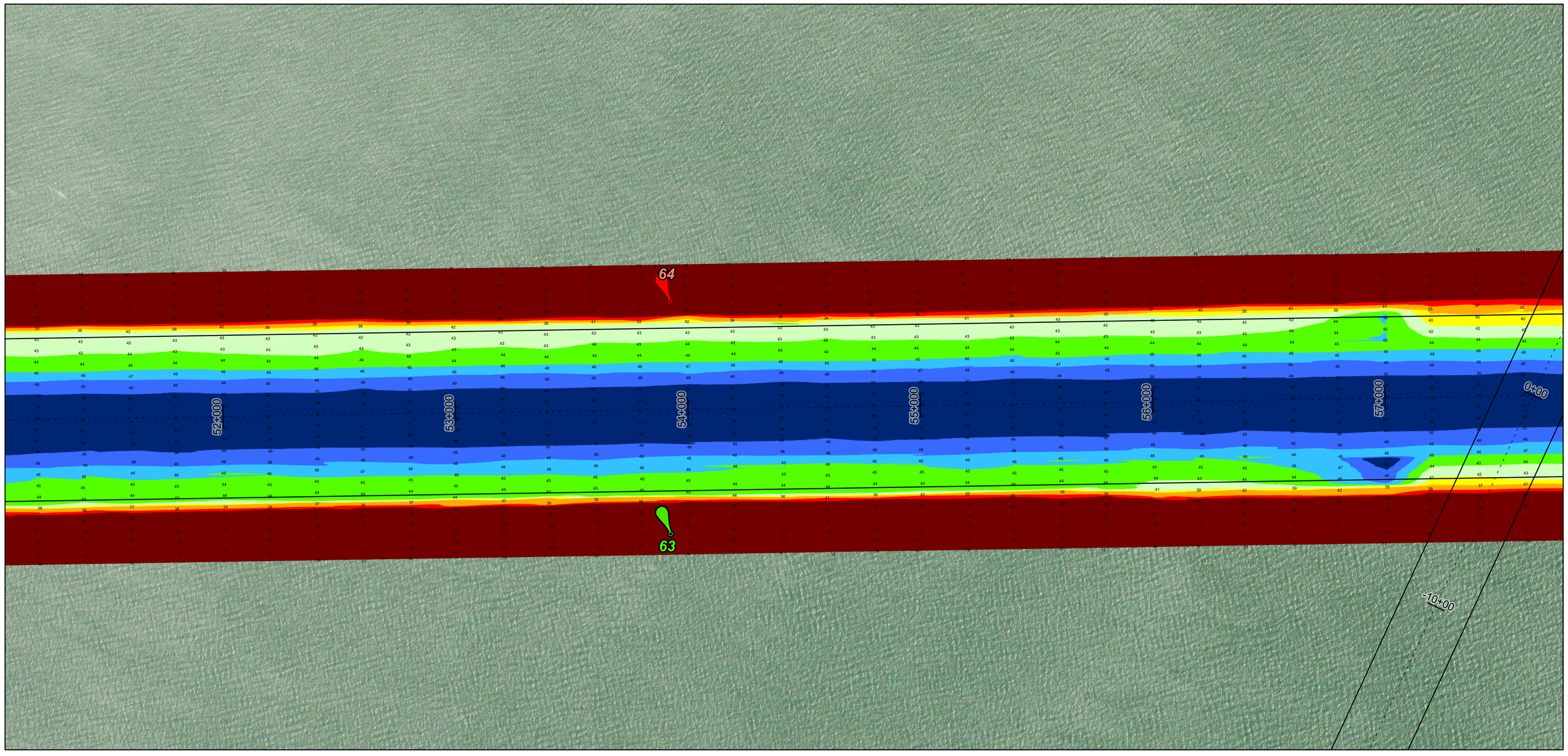
Station: 78+844 to 30+091
HOUSTON
Red Fish Light 1 to Beacon 76 (Turn)

Houston Ship Channel: Red Fish Light 1 to Beacon 76 (Turn)





U.S. Army Corps of Engineers
Galveston District



Authorized Depth: -46ft.	
Width Range: 700ft to 700ft	Latest Survey Collection Date: 21 May 2025
Website Index Number: 15	
Side Slope Ratio: 1:2.5 (Rise : Run)	Document Page: 5 of 9
Scale: 1:2,500	
PDF Print Date: 6/13/2025	Mapped by: m3odnmhg
	Additional Imagery info:

N W E S

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

Station: 78+844 to 30+091
HOUSTON
Red Fish Light 1 to Beacon 76 (Turn)

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

≤ 30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	> 50

NOTES:
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World_Imagery: Maxar
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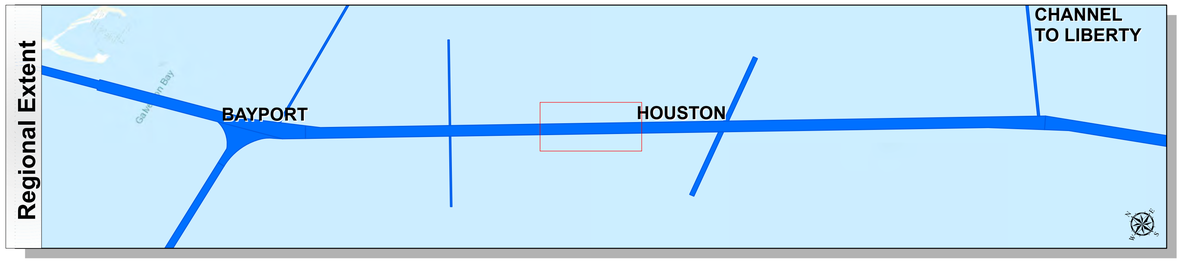
Additional Combined Survey Dates and Stationing:
Combined surveys: 20250521_PR_51P400_30P089; 20250509_PR_T01_63P600_51P400; 20250508_PR_T01_78P844_63P600.

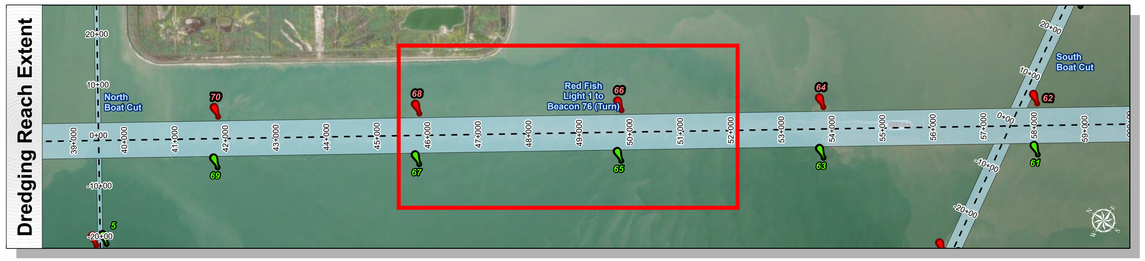
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.25 0.5 1 Miles

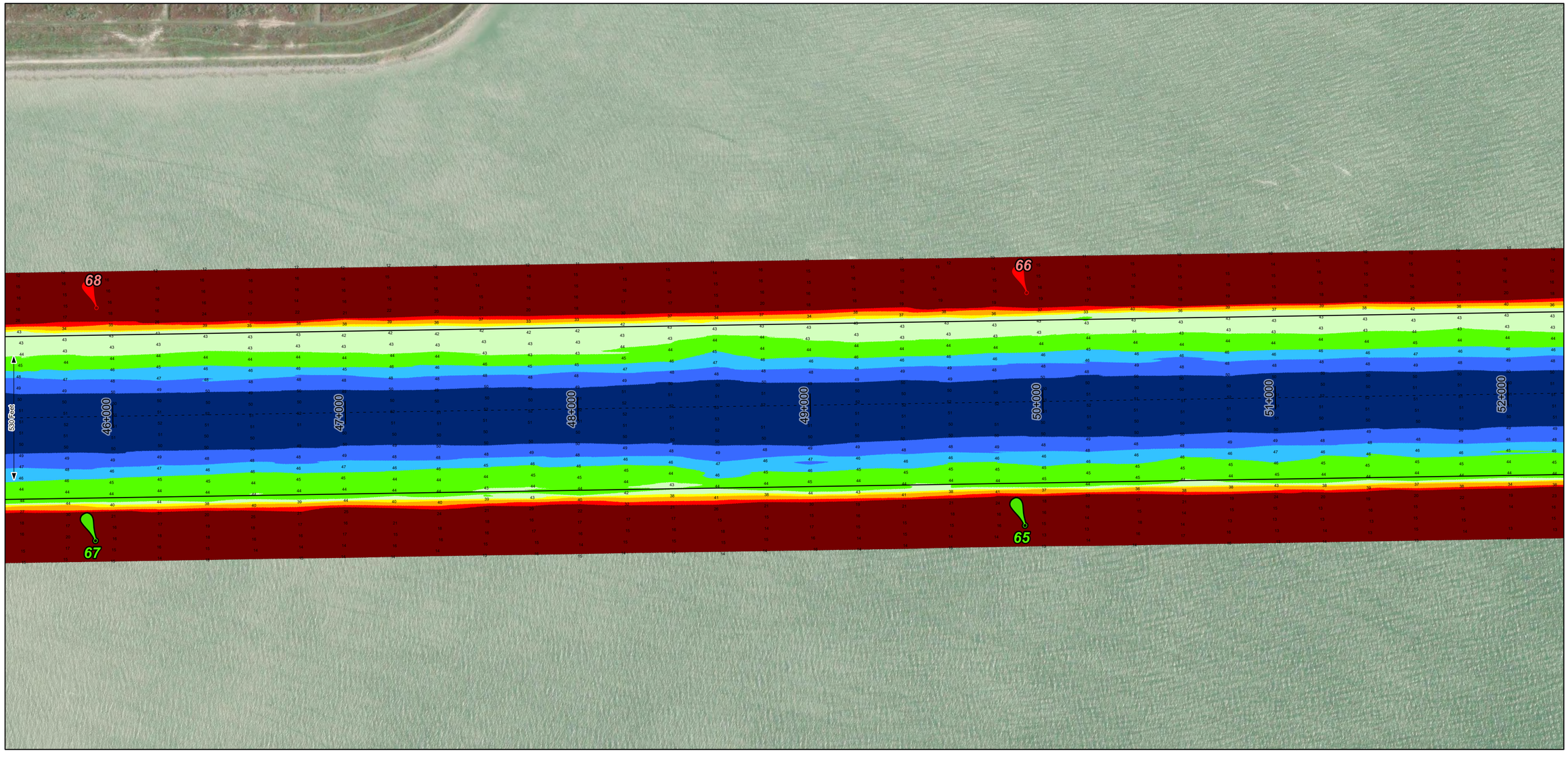
Hydrographic Survey Extent
0 215 430 860 Feet

Houston Ship Channel: Red Fish Light 1 to Beacon 76 (Turn)

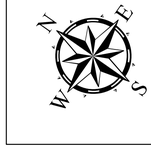




U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date:	21 May 2025
Document Page:	6 of 9
Scale:	1:2,500
Mapped by:	m3odnmhg
Additional Imagery info:	
Authorized Depth:	-46ft.
Width Range:	700ft to 700ft
Website Index Number:	16
Side Slope Ratio:	1:2.5 (Rise : Run)
PDF Print Date:	6/13/2025



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

Station: 78+844 to 30+091
HOUSTON
Red Fish Light 1 to Beacon 76 (Turn)

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

≤ 30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	> 50

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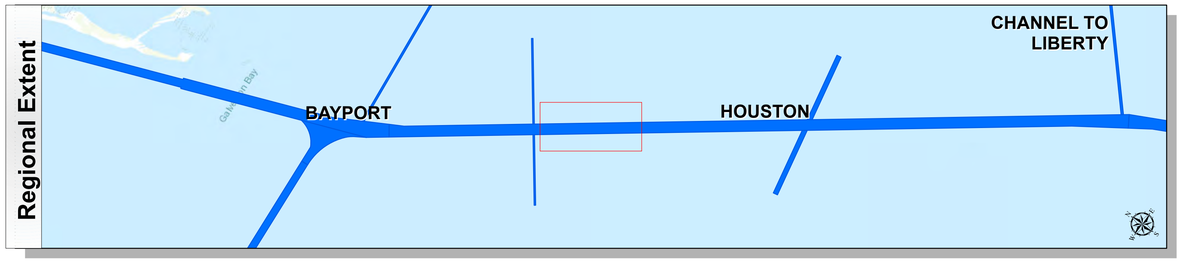
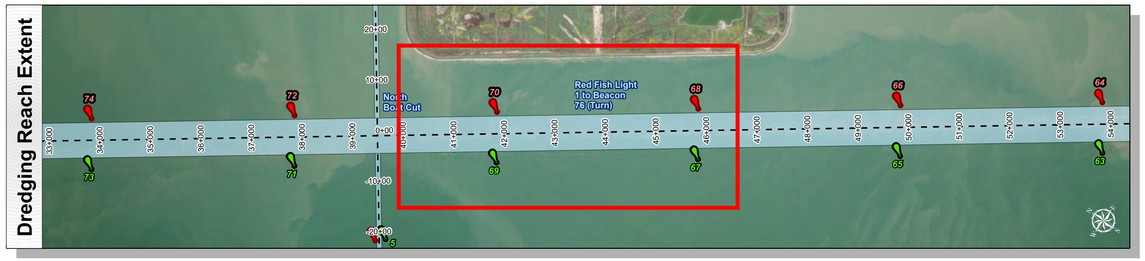
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic

Dredging Reach Extent
0 0.25 0.5 1 Miles

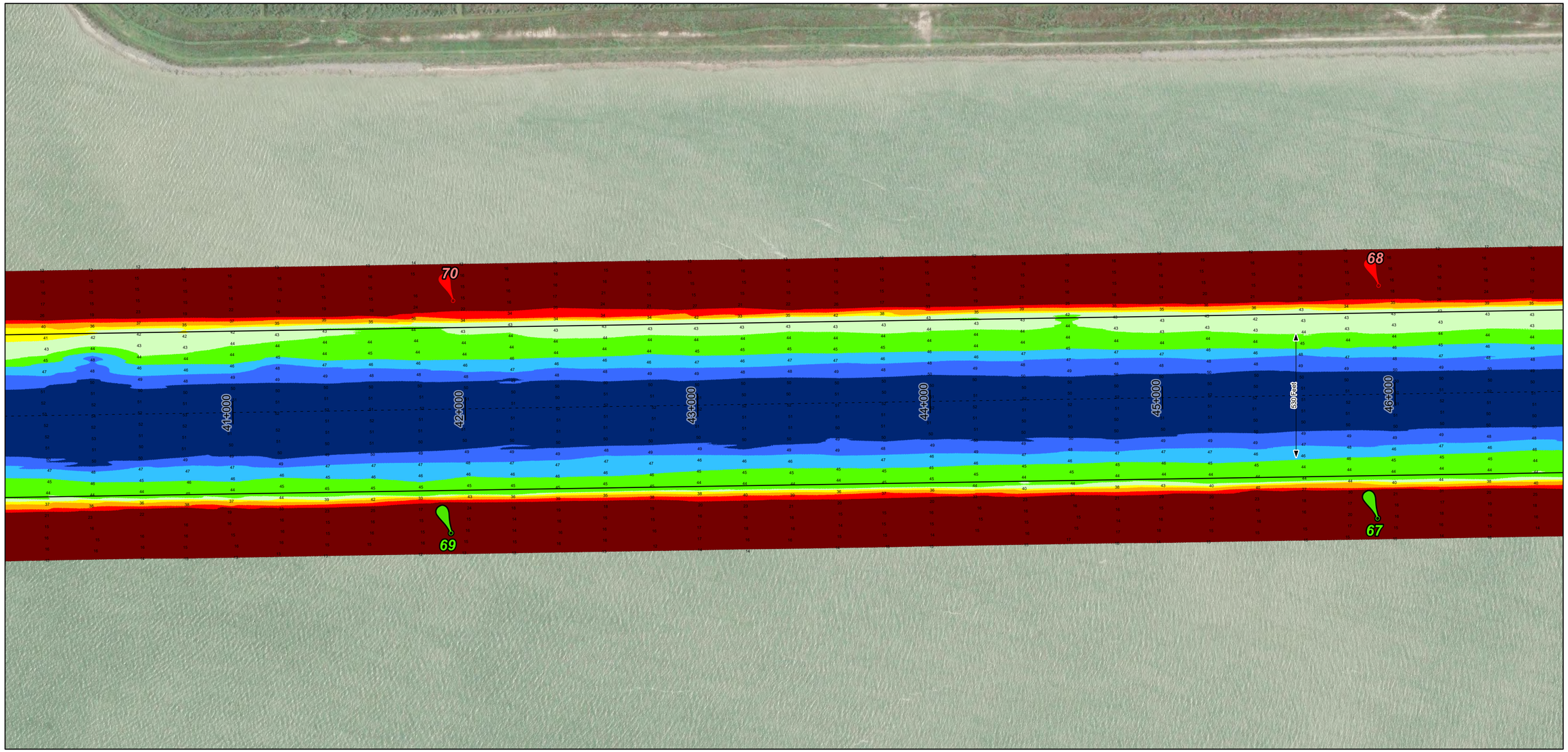
Hydrographic Survey Extent
0 215 430 860 Feet

Houston Ship Channel: Red Fish Light 1 to Beacon 76 (Turn)





U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 21 May 2025
Document Page: 7 of 9
Scale: 1:2,500
Mapped by: m3odnmhg
Additional Imagery info:

Authorized Depth: -46ft.
Width Range: 700ft to 700ft
Website Index Number: 17
Side Slope Ratio: 1:2.5 (Rise : Run)
PDF Print Date: 6/13/2025

Channel Features
- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation
- Green Side Aids
- Red Side Aids
- Lights

MLLW

≤ 30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	> 50

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

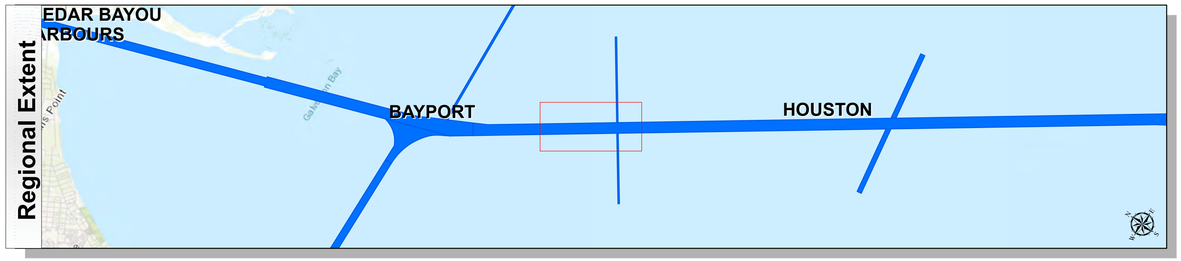
Dredging Reach Extent
0 0.25 0.5 1 Miles

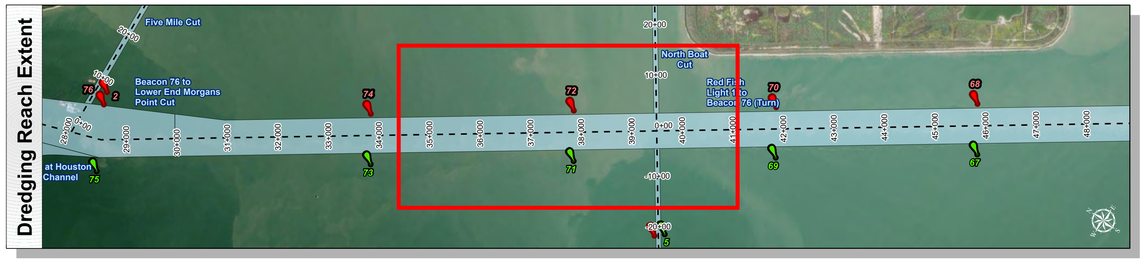
Hydrographic Survey Extent
0 215 430 860 Feet

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

Station: 78+844 to 30+091
HOUSTON
Red Fish Light 1 to Beacon 76 (Turn)

Houston Ship Channel: Red Fish Light 1 to Beacon 76 (Turn)





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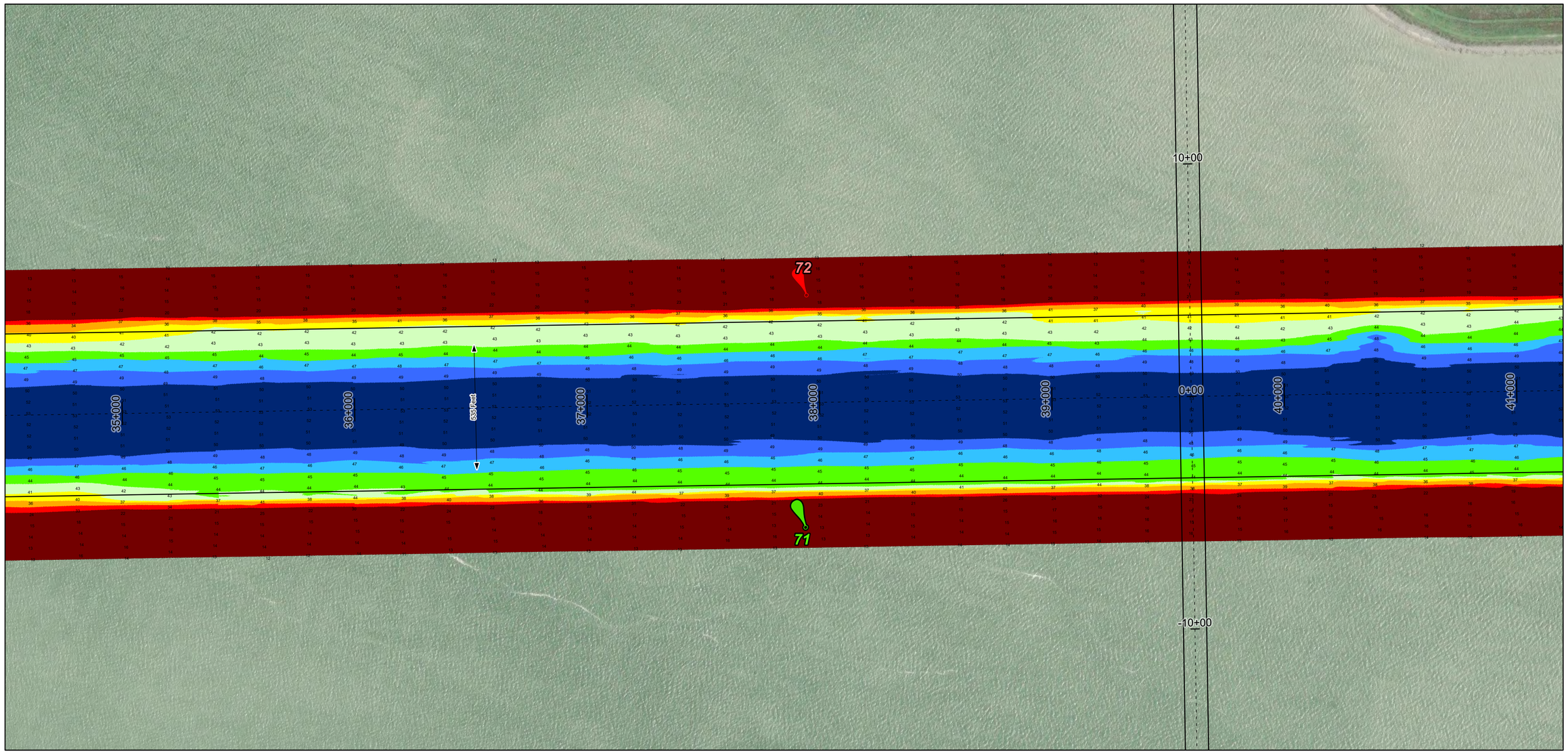

Latest Survey Collection Date:	21 May 2025
Document Page:	8 of 9
Scale:	1:2,500
Mapped by:	m3odnmhg
Additional Imagery info:	
Authorized Depth:	-46ft.
Width Range:	700ft to 700ft
Website Index Number:	18
Side Slope Ratio:	1:2.5 (Rise : Run)
PDF Print Date:	6/13/2025

Channel Features

- Channel Center Line
- Channel Toe
- Channel Dimensions

Aids to Navigation

- Green Side Aids
- Red Side Aids
- Lights

MLLW

≤ 30	30 - 35	35 - 40	40 - 42	42 - 44	44 - 46	46 - 48	48 - 50	> 50

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 er1110-1-8152.
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/HydrographicSurveys/

Service Layer Credits: World Topographic Map: City of Houston, HPB, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA
World_Imagery: Maxar
World Ocean Base: Esri, GEBCO, Garmin, NaturalVue

Additional Combined Survey Dates and Stationing:
Combined surveys: 20250521_PR_51P400_30P089; 20250509_PR_T01_63P600_51P400; 20250508_PR_T01_78P844_63P600.

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
0 215 430 860 Feet

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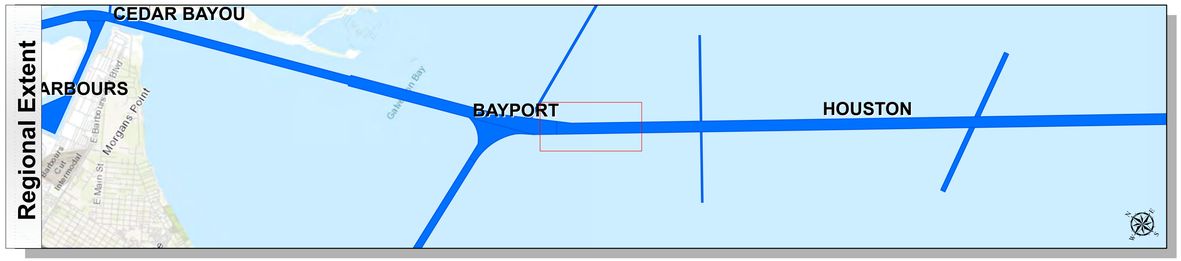

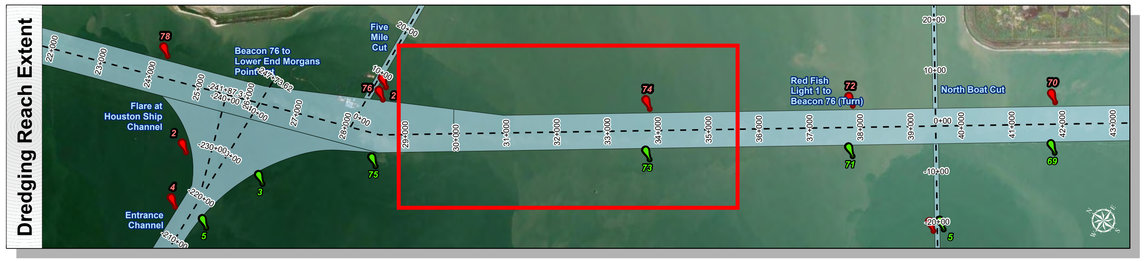

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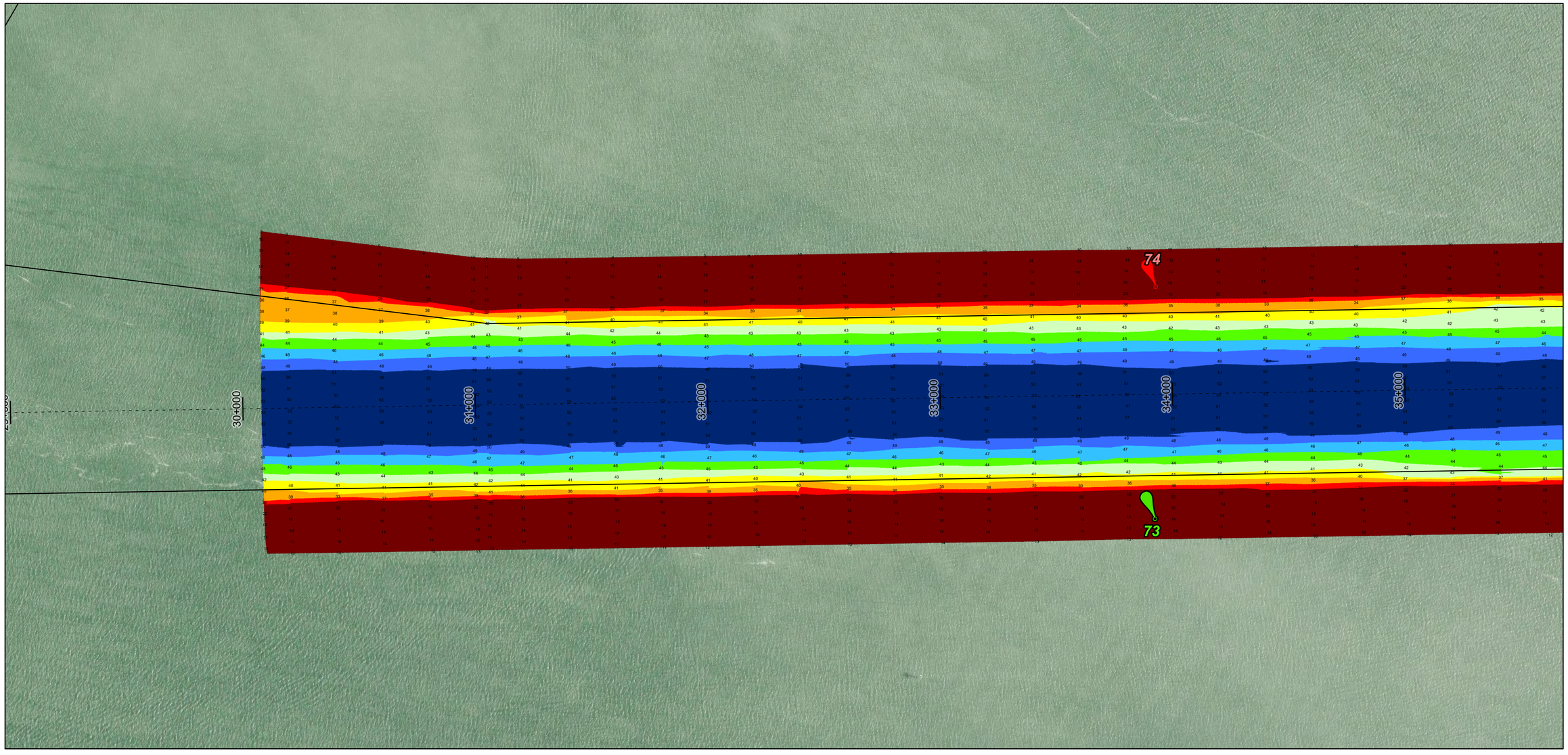
Galveston District



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Red Fish Light 1 to Beacon 76 (Turn)