

Red Fish Light 1 to Beacon 76 (Turn)



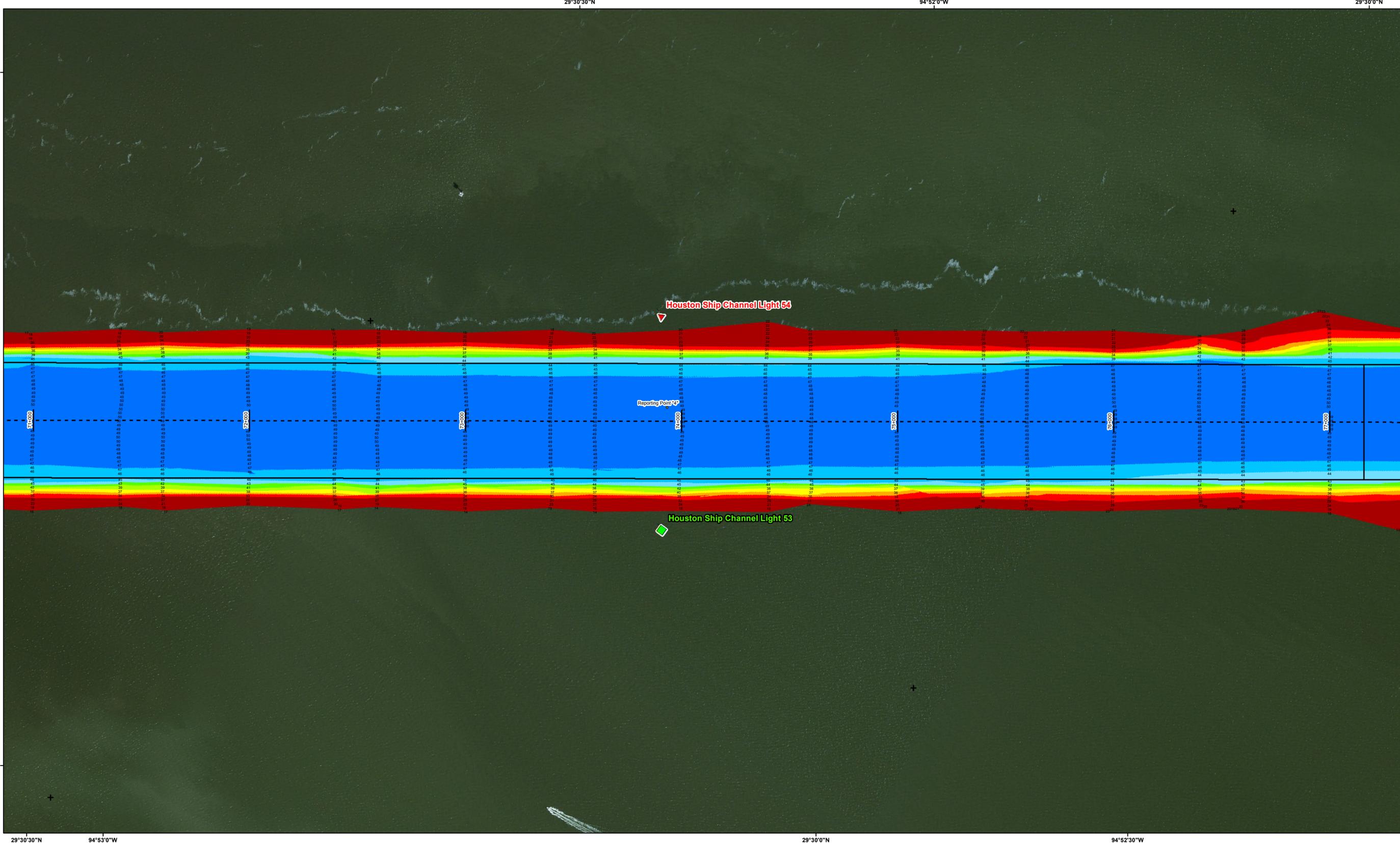
US Army Corps of Engineers
Galveston District



Survey Date(s): 23 July 2015	Authorized Depth: -45ft.
Page: 12 of 57	Side Slope Ratio: 1:2.5 (Rise : Run)
Map: 12	
Scale: 1:2,400	
Mapped by: m3odmrvk	
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HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 78+844 to 28+605
Houston Ship Channel
HOUSTON, TEXAS



Aids to Navigation

- Station Line
- Channel Center Line
- Navigation Channel
- Dimensions
- Lights
- Red Side Aids
- Green Side Aids
- Mooring Buoy

Depth

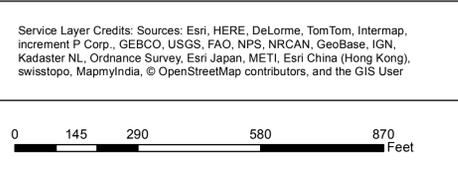
- 30 and Shallower
- 30 - 34
- 34 - 36
- 36 - 38
- 38 - 40
- 40 - 42
- 42 - 45
- 45 - 47
- 47 and Deeper

NOTES:

- HORIZONTAL COORDINATES ARE REFERENCED TO TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE NAD83 US SURVEY FEET.
- ELEVATIONS ARE REFERENCED TO MEAN LOW TIDE (MLT) 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 ER1110-1-8152.
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- FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: WWW.SWG.USACE.ARMY.MIL



Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet
Projection: Lambert Conformal Conic
Datum: North American 1983
False Easting: 1,969,500.0000
False Northing: 13,123,333.3333
Central Meridian: -99.0000
Standard Parallel 1: 28.3833
Standard Parallel 2: 30.2833
Latitude Of Origin: 27.8333
Units: Foot US



Red Fish Light 1 to Beacon 76 (Turn)



US Army Corps of Engineers
Galveston District

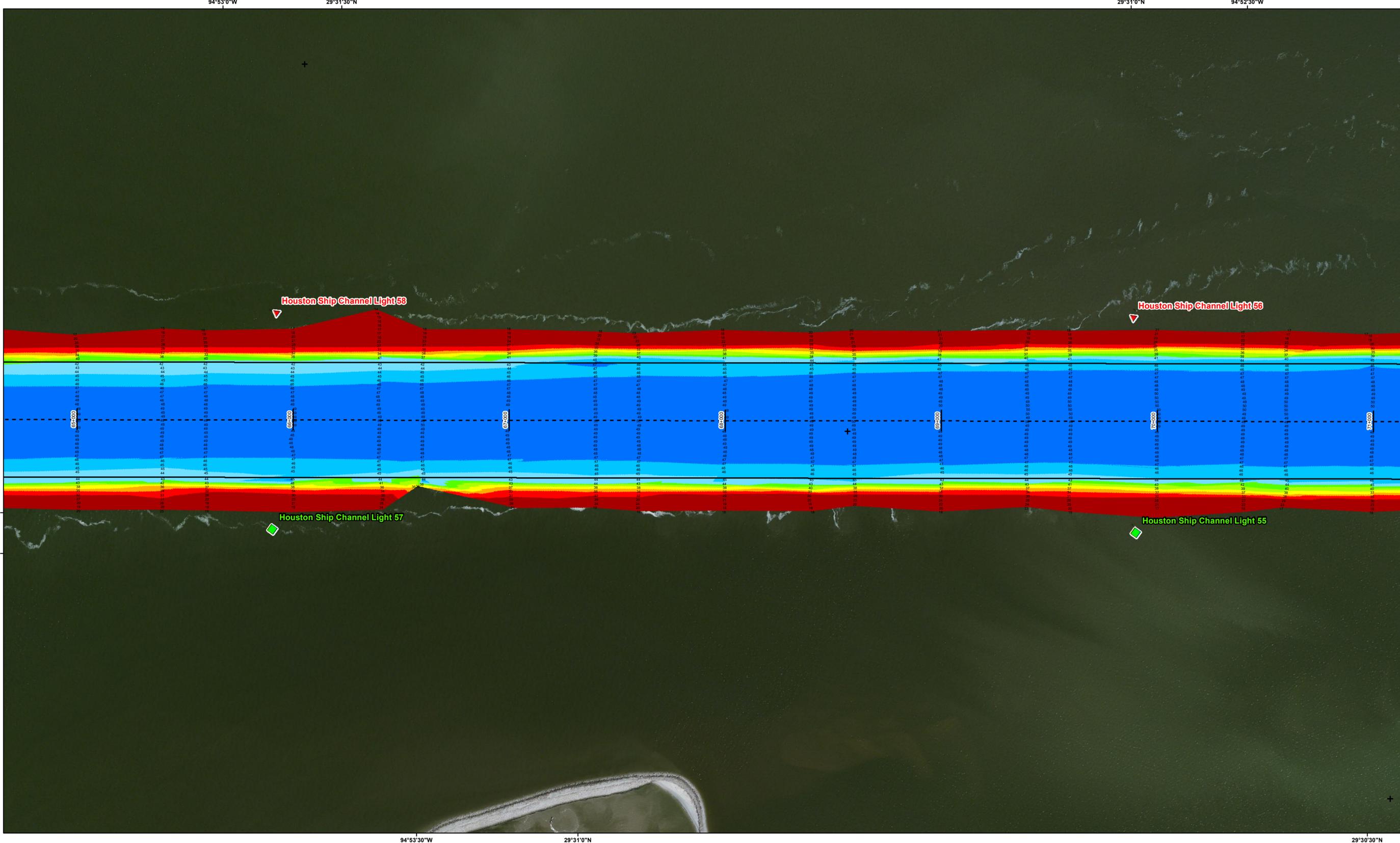


Survey Date(s): 23 July 2015	Authorized Depth: -45ft.
Page: 13 of 57	Side Slope Ratio: 1:2.5 (Rise : Run)
Map: 13	
Scale: 1:2,400	
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HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Red Fish Light 1 to Beacon 76 (Turn)

Station: 78+844 to 28+605
Houston Ship Channel
HOUSTON, TEXAS



Station Line
--- Channel Center Line
Navigation Channel
Dimensions

Aids to Navigation

- ★ Lights
- ▲ Red Side Aids
- ◆ Green Side Aids
- ◇ Mooring Buoy

Depth

30 and Shallower
30 - 34
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47 and Deeper

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US Army Corps of Engineers
Galveston District

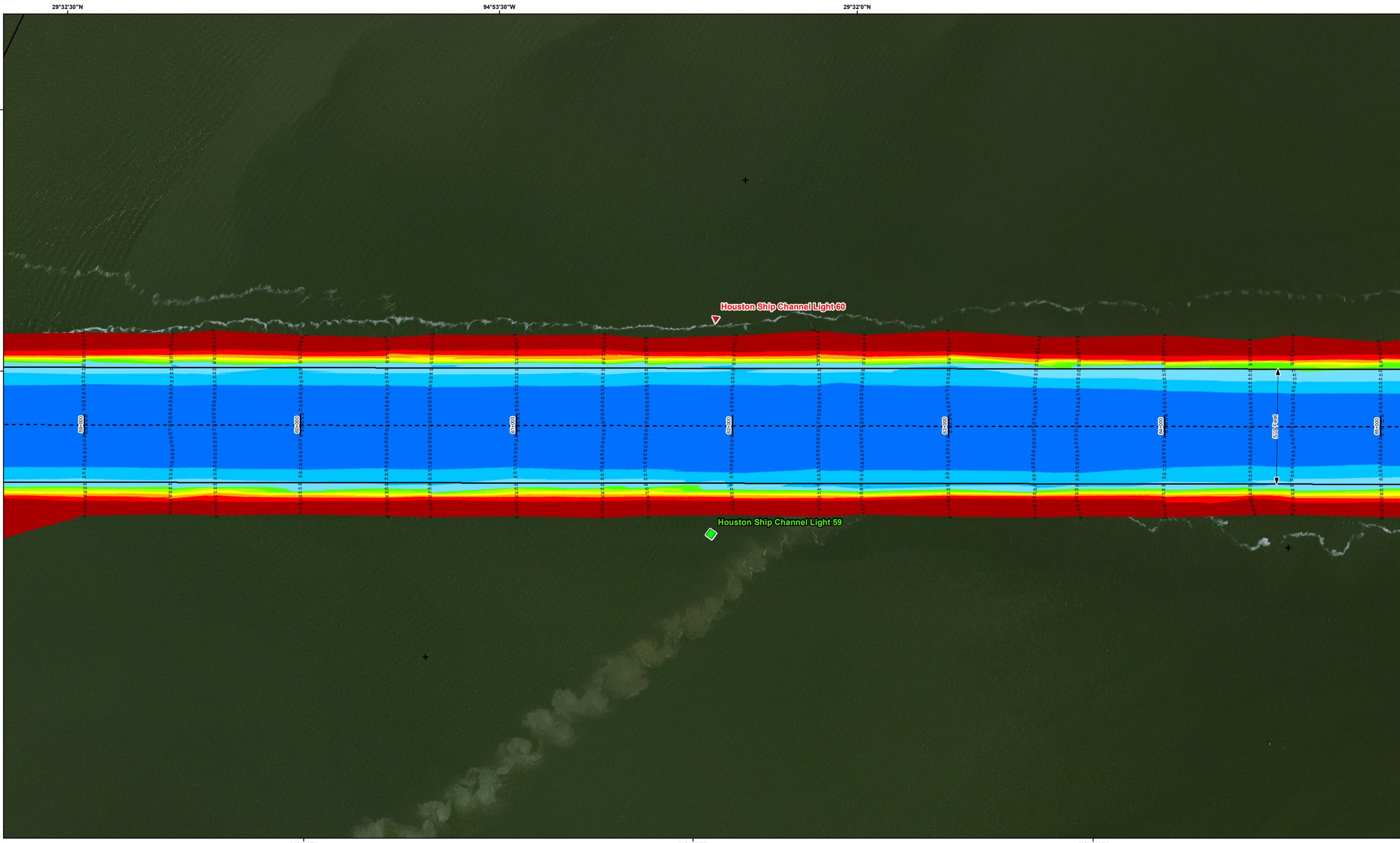


Survey Date(s): 23 July 2015	Authorized Depth: -45ft.
Page: 14 of 57	Side Slope Ratio: 1:2.5 (Rise : Run)
Map: 14	
Scale: 1:2,400	
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U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Red Fish Light 1 to Beacon 76 (Turn)

Station: 78+844 to 28+605
Houston Ship Channel
HOUSTON, TEXAS



Aids to Navigation

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- Channel Center Line
- Navigation Channel
- Dimensions
- Lights
- Red Side Aids
- Green Side Aids
- Mooring Buoy

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30 and Shallower
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US Army Corps of Engineers
Galveston District

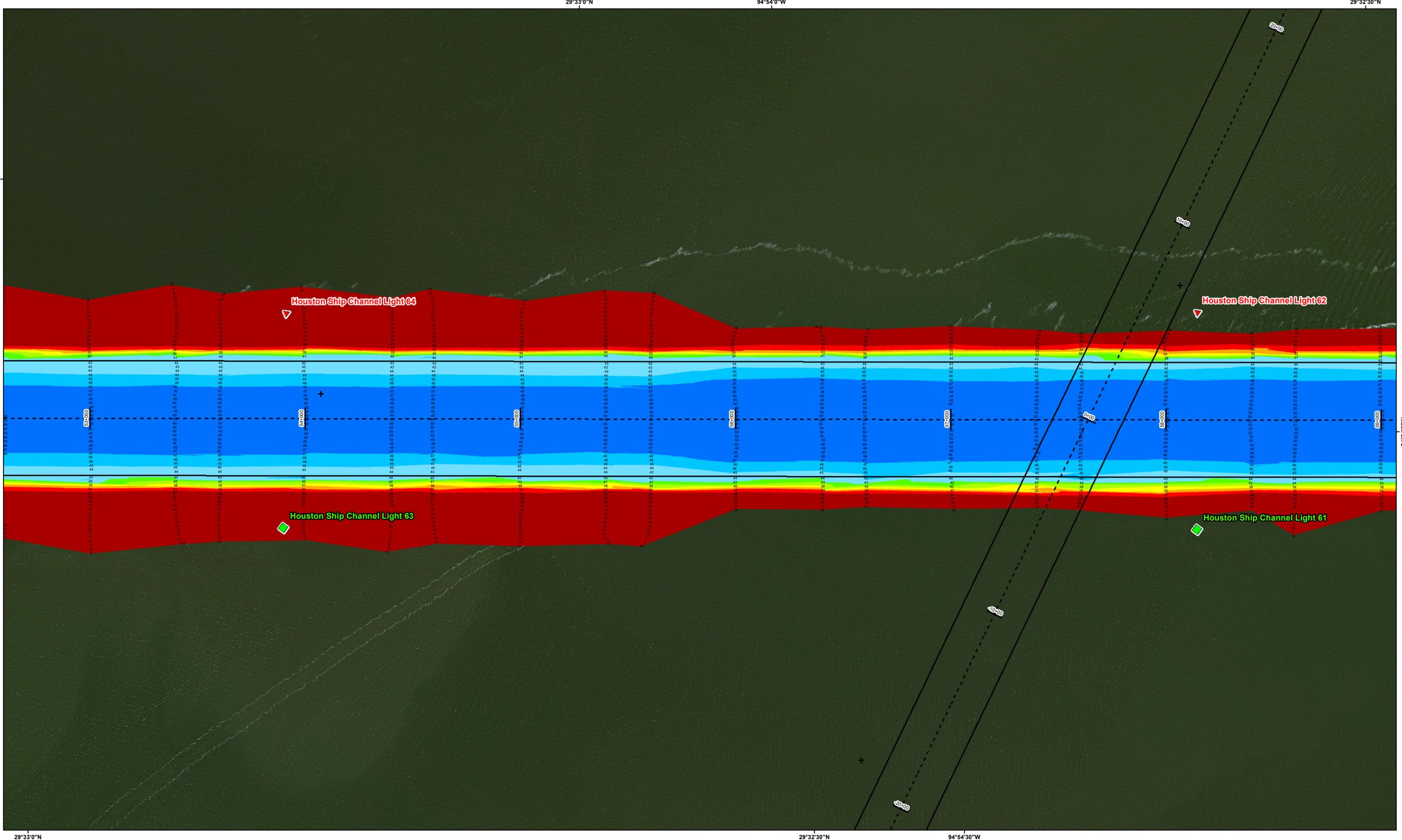


Survey Date(s): 23 July 2015	Authorized Depth: -45ft.
Page: 15 of 57	Map: 15
Scale: 1:2,400	Side Slope Ratio: 1:2.5 (Rise : Run)
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HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 78+844 to 28+605
Houston Ship Channel
HOUSTON, TEXAS

Red Fish Light 1 to Beacon 76 (Turn)



Aids to Navigation

- ★ Lights
- ▲ Red Side Aids
- ◆ Green Side Aids
- ◇ Mooring Buoy

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Red Fish Light 1 to Beacon 76 (Turn)



US Army Corps of Engineers
Galveston District



94°54'30"W

29°33'0"N

Survey Date(s): 23 July 2015	Authorized Depth: -45ft.
Page: 16 of 57	Side Slope Ratio: 1:2.5 (Rise : Run)
Map: 16	
Scale: 1:2,400	
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HYDROGRAPHIC SURVEY

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

Red Fish Light 1 to Beacon 76 (Turn)

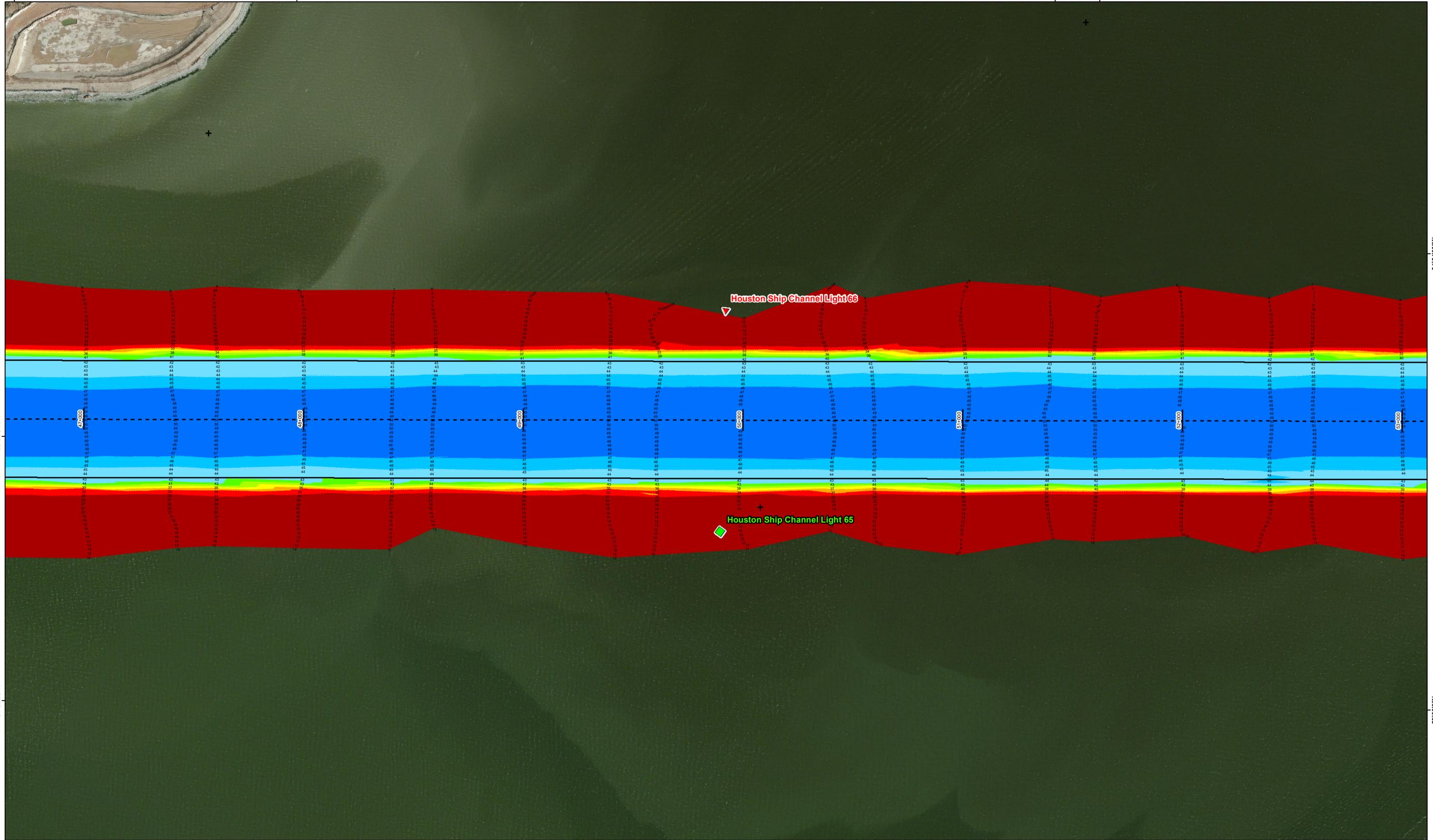
Station: 78+844 to 28+605
Houston Ship Channel
HOUSTON, TEXAS

94°55'0"W

29°34'0"N

94°54'30"W

29°33'30"N



94°55'30"W

29°33'30"N

94°55'0"W

29°33'0"N

Station Line
 - - - Channel Center Line
 □ Navigation Channel
 ↔ Dimensions

Aids to Navigation

- ★ Lights
- ▲ Red Side Aids
- Green Side Aids
- ◆ Mooring Buoy

Depth

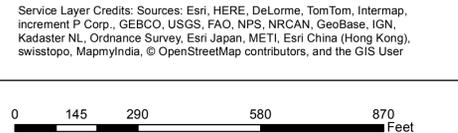
30 and Shallower
 30 - 34
 34 - 36
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 42 - 45
 45 - 47
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Red Fish Light 1 to Beacon 76 (Turn)



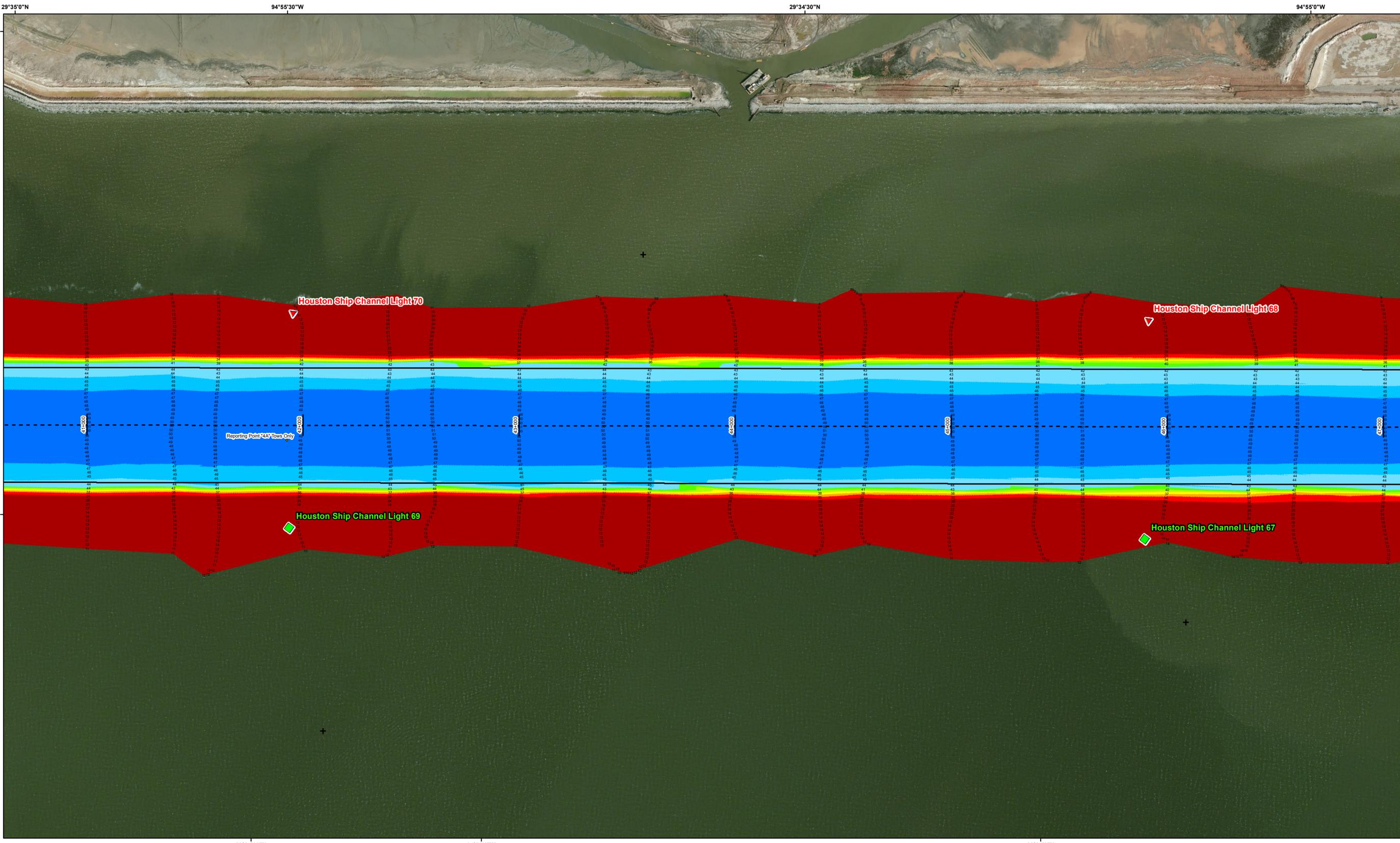
US Army Corps of Engineers
Galveston District



Survey Date(s): 23 July 2015	Authorized Depth: -45ft.
Page: 17 of 57	Side Slope Ratio: 1:2.5 (Rise : Run)
Map: 17	
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HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Station: 78+844 to 28+605
Houston Ship Channel
HOUSTON, TEXAS



Aids to Navigation

- Station Line
- Channel Center Line
- Navigation Channel
- Dimensions
- Lights
- Red Side Aids
- Green Side Aids
- Mooring Buoy

Depth

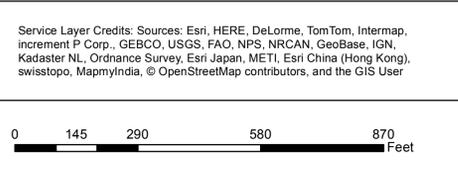
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47 and Deeper

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Red Fish Light 1 to Beacon 76 (Turn)



US Army Corps of Engineers
Galveston District



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Page: 18 of 57	Side Slope Ratio: 1:2.5 (Rise : Run)
Map: 18	
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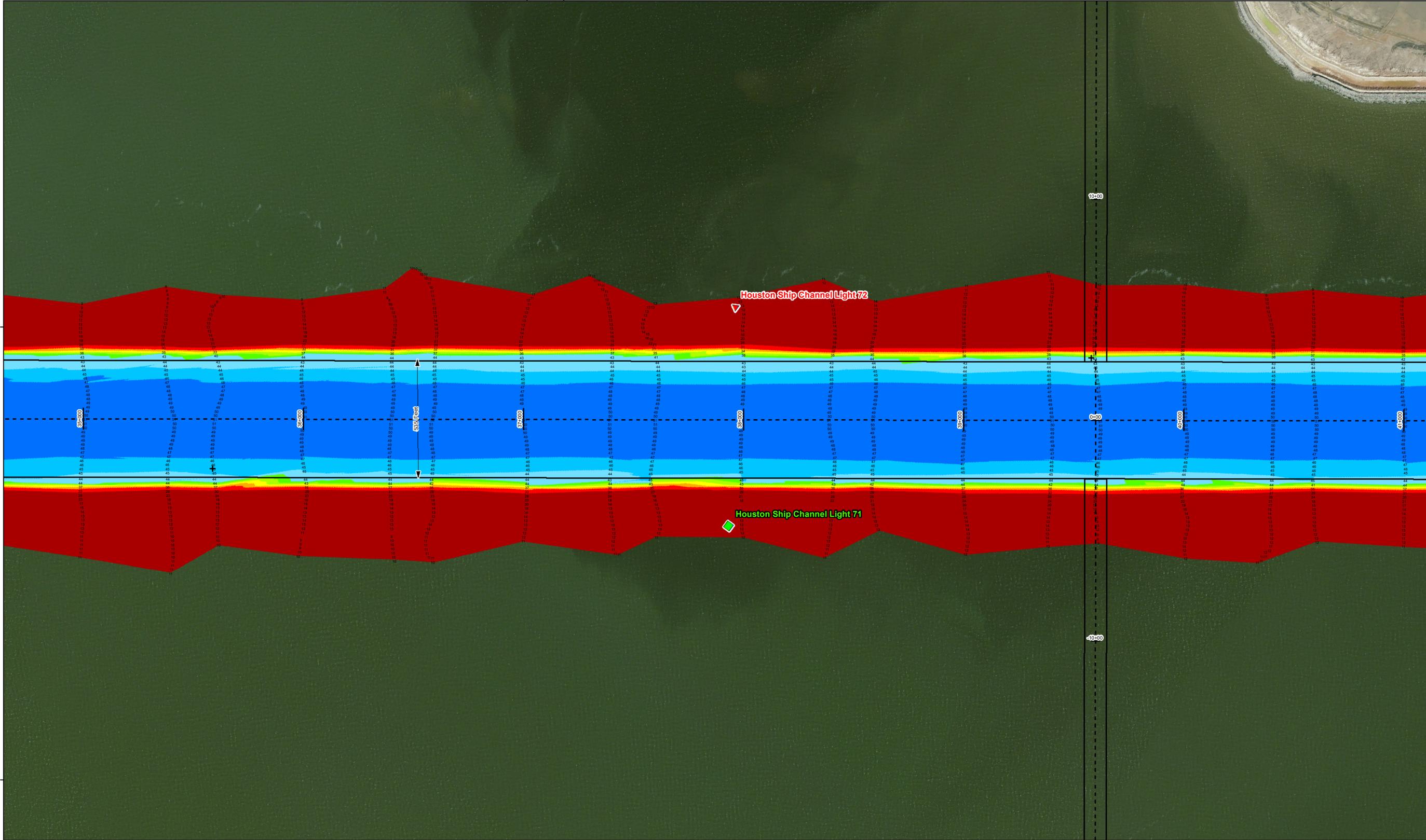
HYDROGRAPHIC SURVEY
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
GALVESTON, TEXAS

Red Fish Light 1 to Beacon 76 (Turn)

Station: 78+844 to 28+605
Houston Ship Channel
HOUSTON, TEXAS

29°35'30"N 94°56'0"W

29°35'0"N



94°56'0"W

94°56'30"W

Aids to Navigation

- Station Line
- Channel Center Line
- Navigation Channel
- Dimensions
- Lights
- Red Side Aids
- Green Side Aids
- Mooring Buoy

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30 and Shallower
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Galveston District

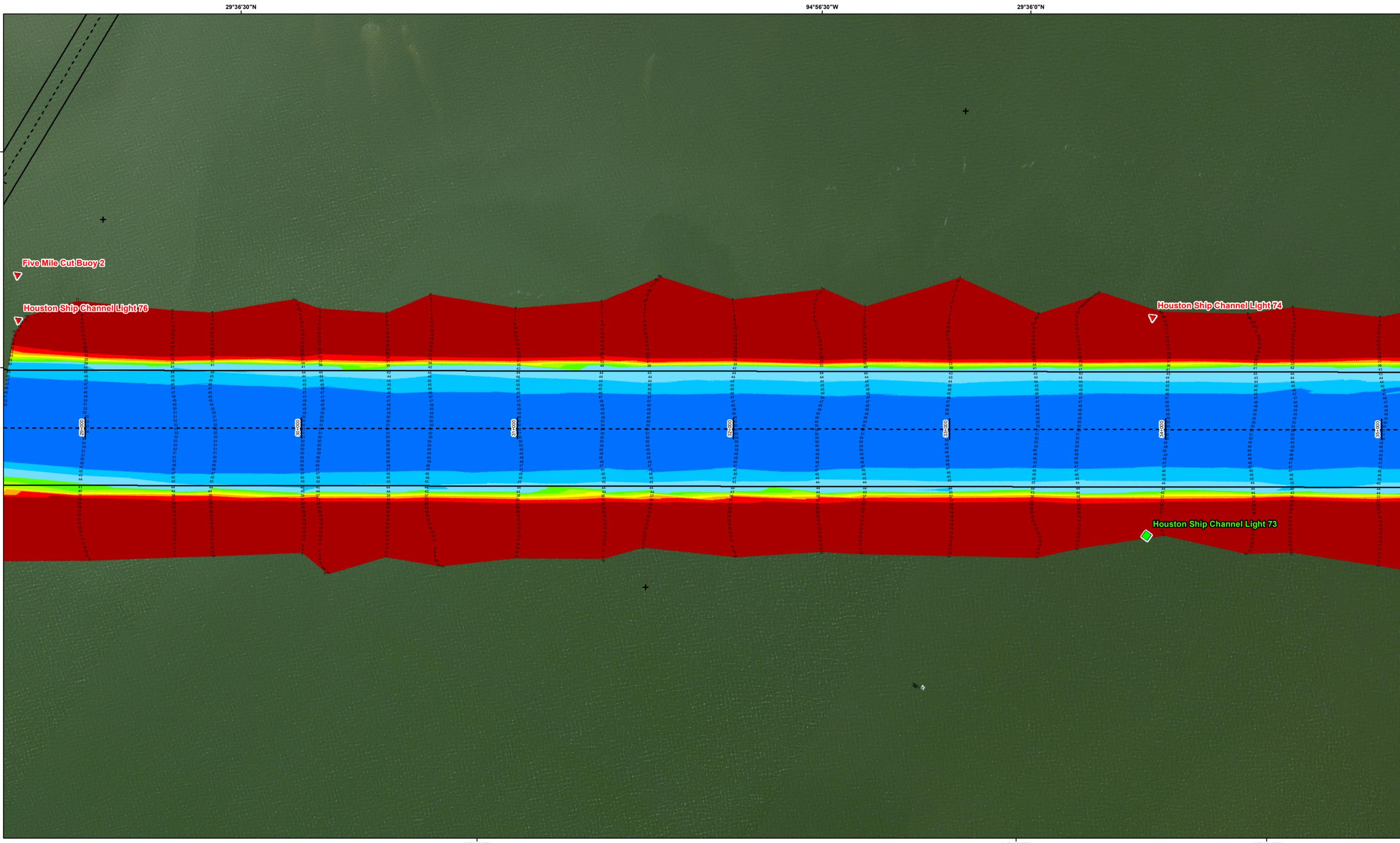


Survey Date(s): 23 July 2015	Authorized Depth: -45ft.
Page: 19 of 57	Side Slope Ratio: 1:2.5 (Rise : Run)
Map: 19	
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Station: 78+844 to 28+605
Houston Ship Channel
HOUSTON, TEXAS



Aids to Navigation

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Galveston District

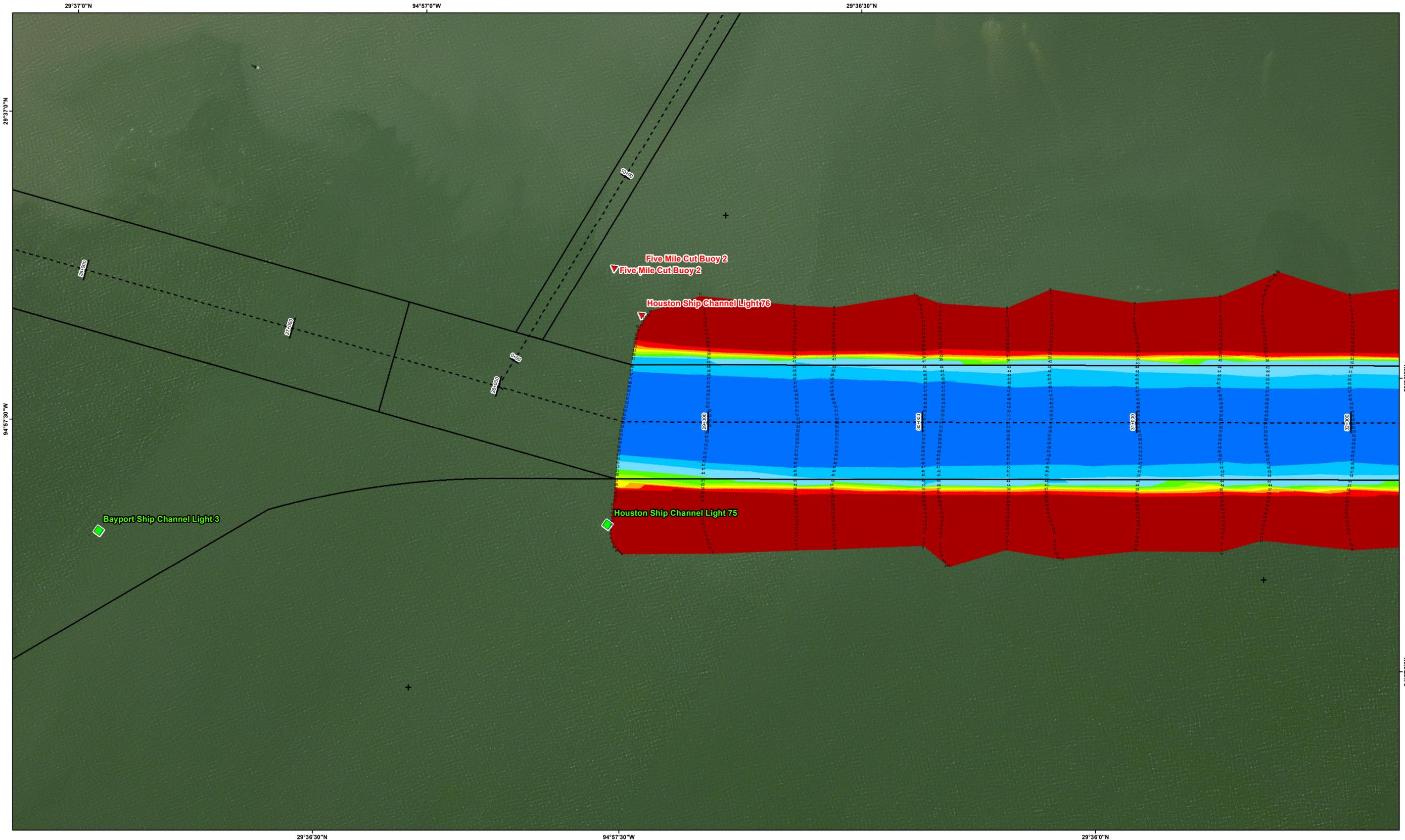


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Latitude Of Origin: 27.8333
Units: Foot US

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