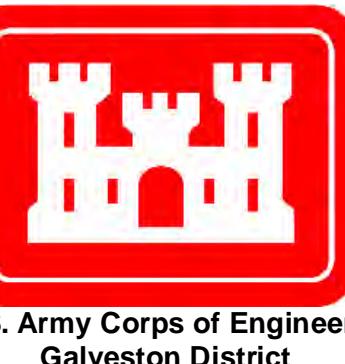


# Galveston Entrance Channel: Inner Bar Channel



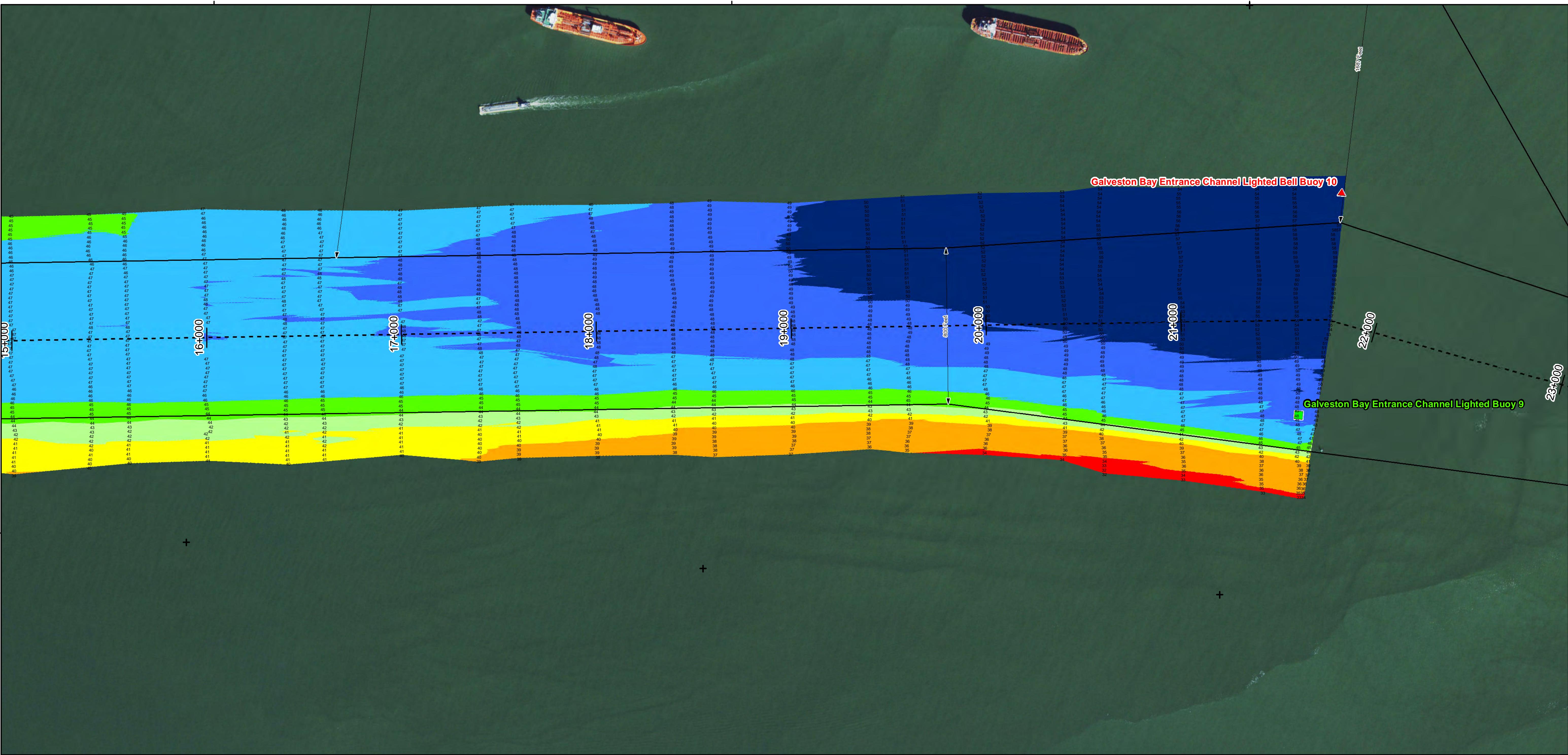
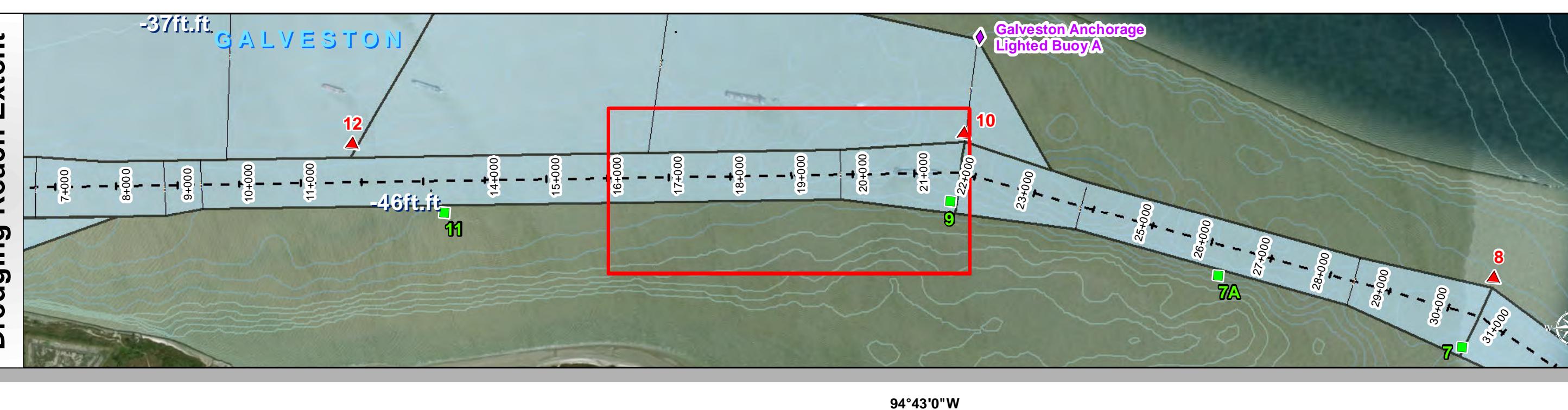
**U.S. Army Corps of Engineers  
Galveston District**



## Regional Extent



## Dredging Reach Extent



## **HYDROGRAPHIC SURVEY**

**HYDROGRAPHIC SURVEY**

---

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

**Channel Features**

- Channel Toe
- - - Channel Center Line
- Channel Station Lines
- ↔ Channel Dimensions

**Aids to Navigation**

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

**MLLW**

Depth Range (Feet)	Color
0 - 30	Dark Blue
30 - 35	Medium Blue
35 - 40	Cyan
40 - 42	Light Cyan
42 - 44	Yellow
44 - 46	Orange
46 - 48	Red
48 - 50	Dark Red
50 - 50	Black

**NOAA Bathymetry (DREDGING REACH EXTENT)**

Depth Range (Feet)	Color
0 - 10	Dark Blue
10 - 15	Medium Blue
15 - 20	Cyan
20 - 25	Light Cyan
25 - 30	Yellow
30 - 50	Orange

**94°44'0"W**

**94°43'30"W**

**NOTES:**

- 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
- ELEVATIONS ARE REFERENCED TO MEAN LOWER LOW TIDE (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 ER1110-1-8152.

**Coordinate System:** NAD 1983 StatePlane Texas South Central FIPS 4204 Feet  
**Projection:** Lambert Conformal Conic /Datum: North American 1983

**Dredging Reach Extent**

Distance (Miles)	Color
0	Black
0.5	Medium Blue
1	Dark Blue

**Hydrographic Survey Extent**

Distance (Feet)	Color
0	Black
187.5	Medium Blue
375	Dark Blue
750	Black

**Service Layer Credits:** Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

**4.** FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: [HTTP://WWW.SWG.USACE.ARMY.MIL/MISSESS/NAVIGATION/HYDROGRAPHICSURVEYS/](http://WWW.SWG.USACE.ARMY.MIL/MISSESS/NAVIGATION/HYDROGRAPHICSURVEYS/)

**5.** NOAA BATHYMETRY CONTOURS PRODUCED FROM HISTORIC BATHYMETRIC (HYDROGRAPHIC) SURVEYS CONDUCTED BY THE NOAA NATIONAL OCEAN SERVICE/COAST SURVEY, AVAILABLE FROM THE NATIONAL GEOPHYSICAL DATA CENTER. SURVEYS VARY AS TO SOUNDING DENSITY, ACCURACY OF DEPTH, ACCURACY OF NAVIGATION, ZERO DATUM, DATE OF SURVEY AND TYPE OF INSTRUMENTATION.

**Coordinate System:** NAD 1983 StatePlane Texas South Central FIPS 4204 Feet  
**Projection:** Lambert Conformal Conic /Datum: North American 1983

**Dredging Reach Extent**

Distance (Miles)	Color
0	Black
0.5	Medium Blue
1	Dark Blue

**Hydrographic Survey Extent**

Distance (Feet)	Color
0	Black
187.5	Medium Blue
375	Dark Blue
750	Black

**Service Layer Credits:** Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

**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

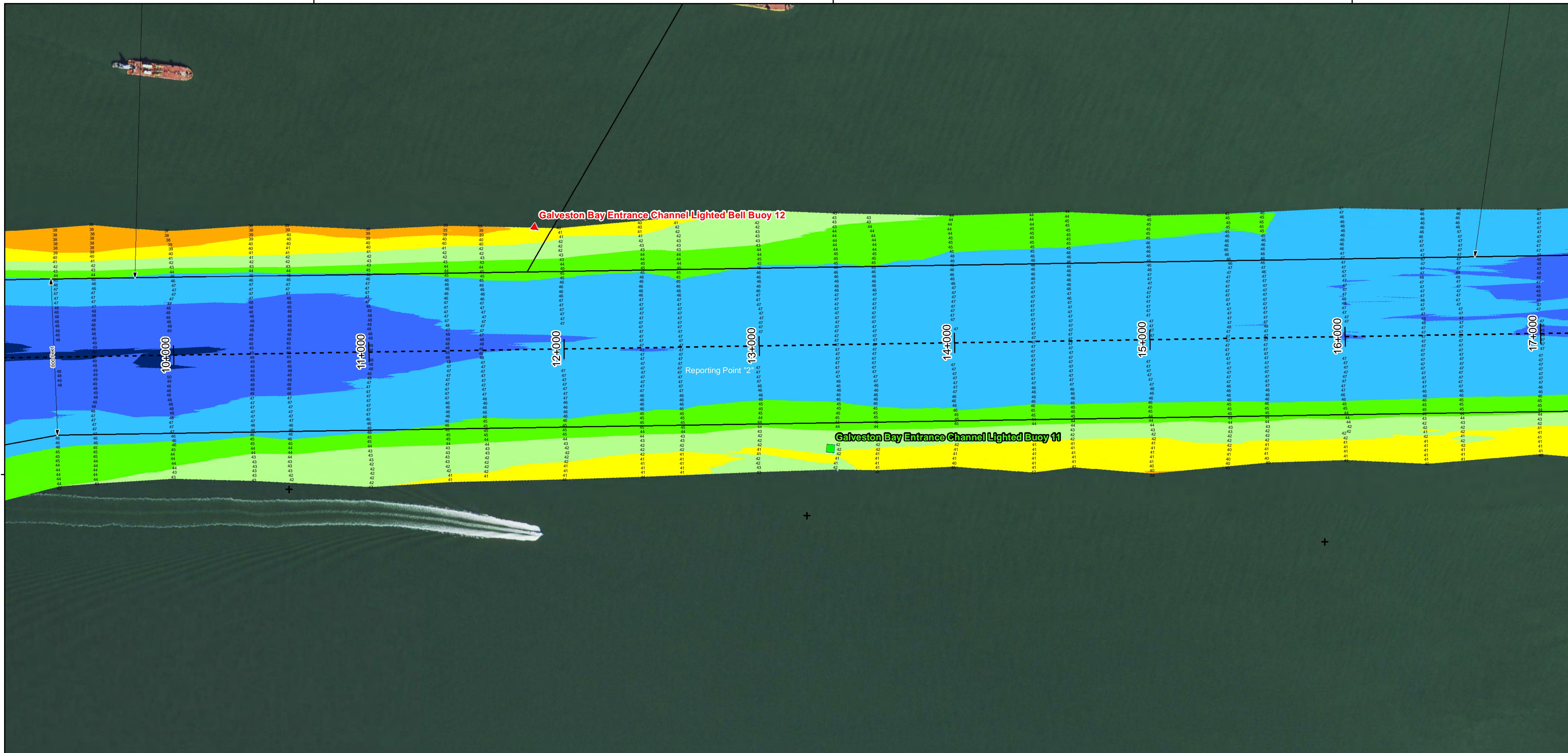
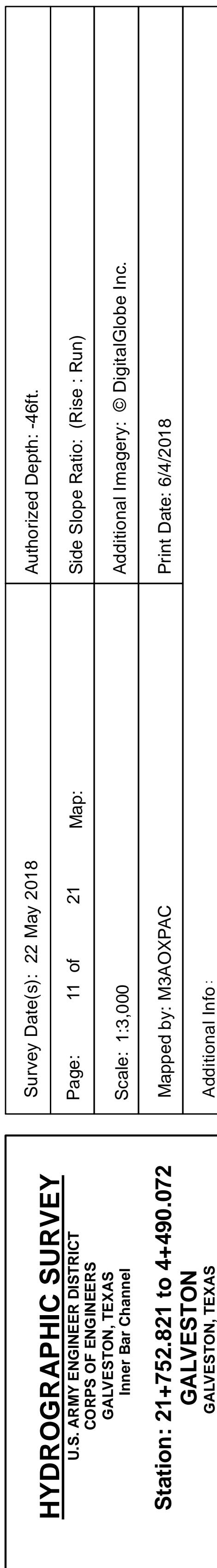
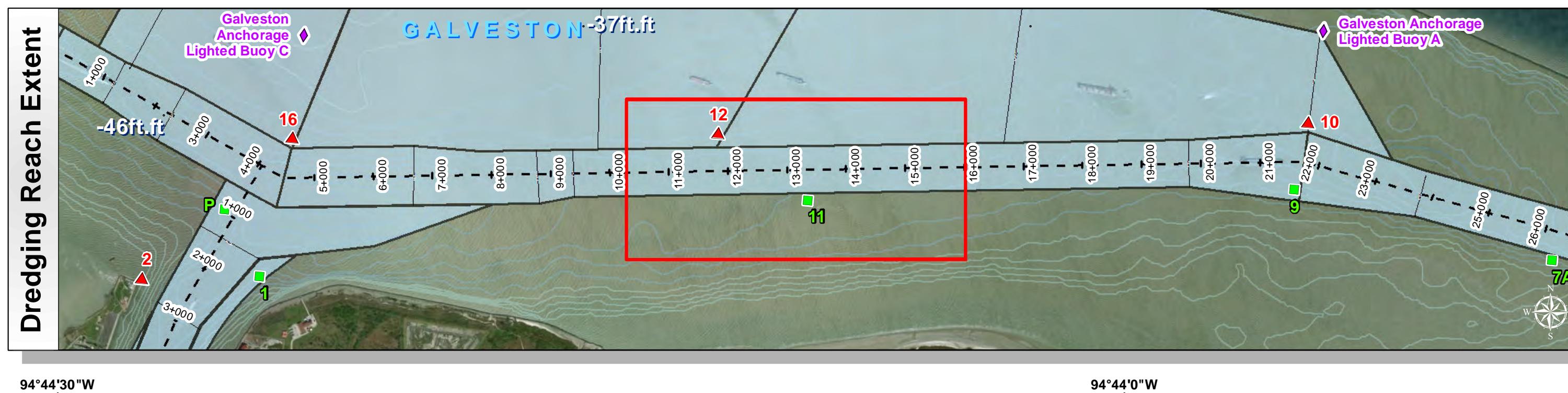
**5.** FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT: [HTTP://WWW.SWG.USACE.ARMY.MIL/MISSESS/NAVIGATION/HYDROGRAPHICSURVEYS/](http://WWW.SWG.USACE.ARMY.MIL/MISSESS/NAVIGATION/HYDROGRAPHICSURVEYS/)

**6.** NOAA BATHYMETRY CONTOURS PRODUCED FROM HISTORIC BATHYMETRIC (HYDROGRAPHIC) SURVEYS CONDUCTED BY THE NOAA NATIONAL OCEAN SERVICE/COAST SURVEY, AVAILABLE FROM THE NATIONAL GEOPHYSICAL DATA CENTER. SURVEYS VARY AS TO SOUNDING DENSITY, ACCURACY OF DEPTH, ACCURACY OF NAVIGATION, ZERO DATUM, DATE OF SURVEY AND TYPE OF INSTRUMENTATION.

# Galveston Entrance Channel: Inner Bar Channel



**U.S. Army Corps of Engineers  
Galveston District**



**Channel Features**

- Channel Toe
- - - Channel Center Line
- Channel Station Lines
- ↔ Channel Dimensions

**Aids to Navigation**

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

**MLLW**

MLLW Range	Color
0 - 30	Dark Red
30 - 35	Red
35 - 40	Orange
40 - 42	Yellow
42 - 44	Light Green
44 - 46	Green
46 - 48	Cyan
48 - 50	Blue
50 >	Dark Blue

**NOAA Bathymetry (DREDGING REACH EXTENT)**

Bathymetry Range	Color
0 - 10	Light Blue
10 - 15	Medium Blue
15 - 20	Dark Blue
20 - 25	Very Dark Blue
25 - 30	Black
30 - 50	Very Black

94°45'0"W

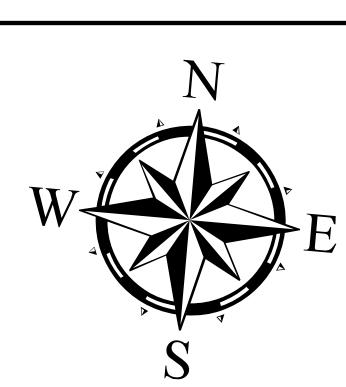
NOTES:

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 TIDE (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 ER110-1-8152

**94°44'30"W**

---

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/](http://WWW.SWG.USACE.ARMY.MIL/MISSIONS/NAVIGATION/HYDROGRAPHICSURVEYS/)
6. NOAA BATHYMETRY CONTOURS PRODUCED FROM HISTORIC BATHYMETRIC (HYDROGRAPHIC) SURVEYS CONDUCTED BY THE NOAA NATIONAL OCEAN SERVICE/COAST SURVEY, AVAILABLE FROM THE NATIONAL GEOPHYSICAL DATA CENTER. SURVEYS VARY AS TO SOUNDING DENSITY, ACCURACY OF DEPTH, ACCURACY OF NAVIGATION, ZERO DATUM, DATE OF SURVEY AND TYPE OF INSTRUMENTATION.



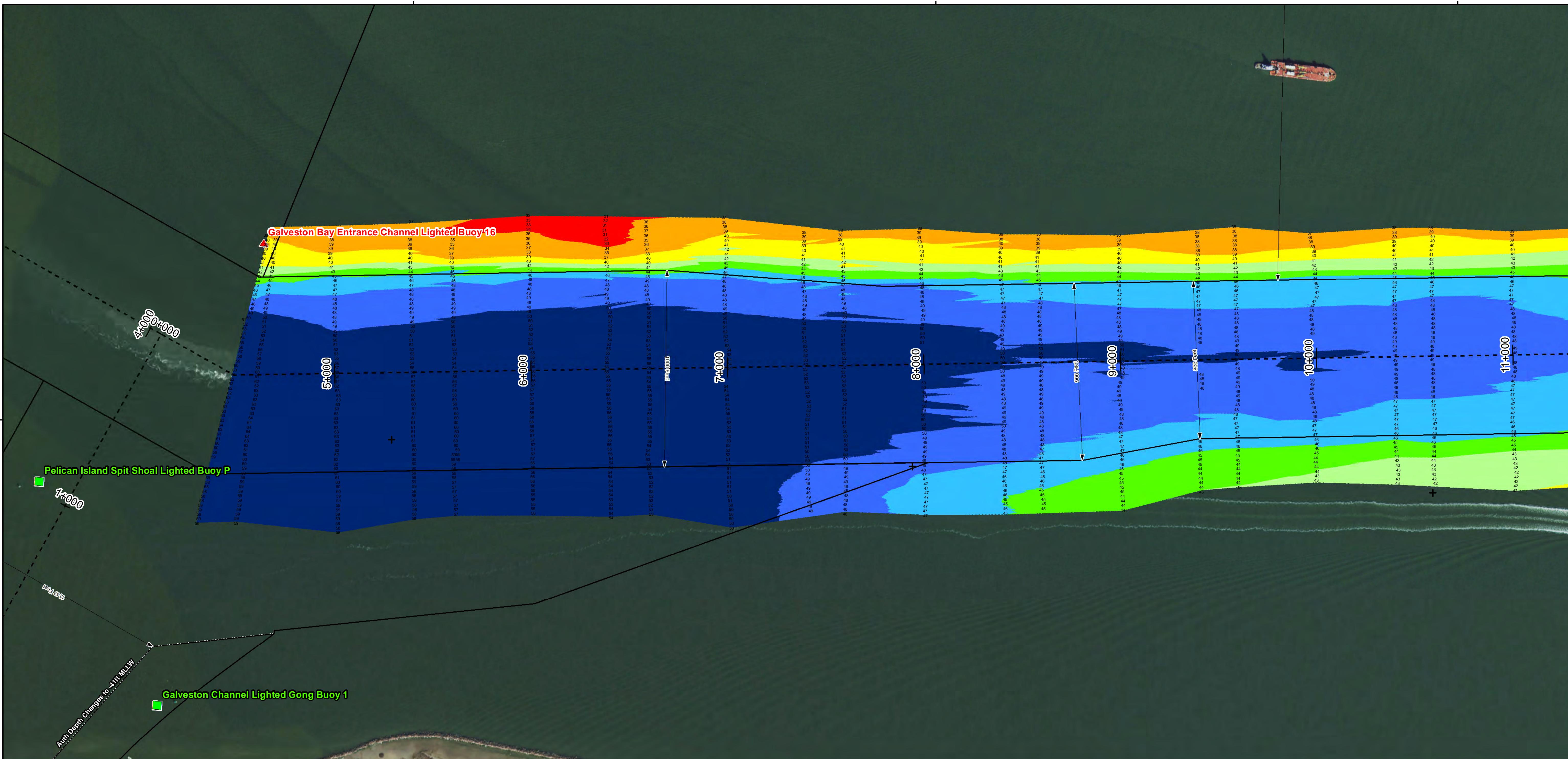
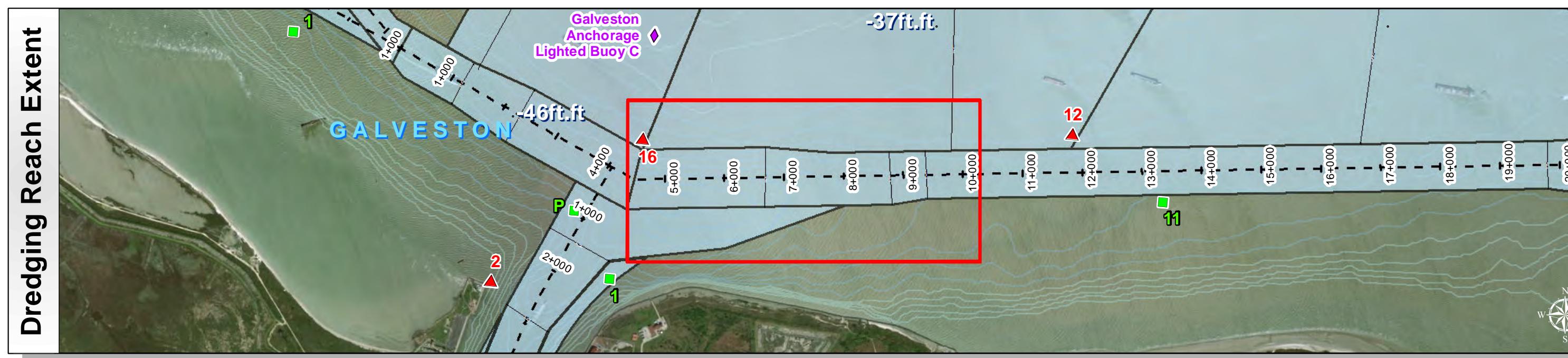
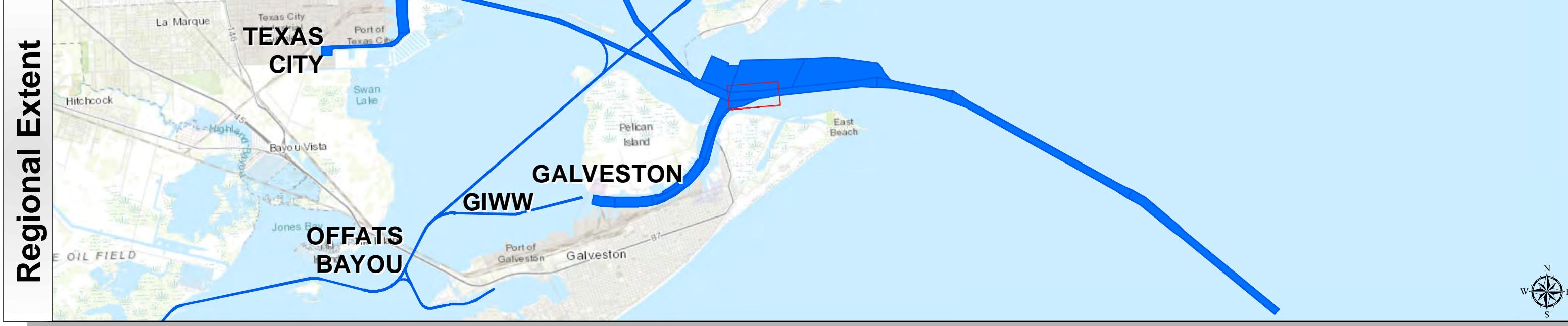
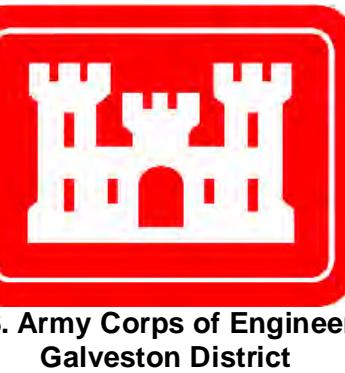
94°

'0"W  
Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet

formal Conic /Datum: North America  
ent  
0.5 1 Miles

Miles  
Extent  
75 750 Feet

# Galveston Entrance Channel: Inner Bar Channel



Channel Features	Aids to Navigation	MLLW
Channel Toe	Lights	0 - 30
Channel Center Line	Red Side Aids	30 - 35
Channel Station Lines	Green Side Aids	40 - 42
Channel Dimensions	Mooring Buoy	42 - 44
		44 - 46
		46 - 48
		48 - 50
		50+>

NOAA Bathymetry (DREDGING REACH EXTENT)  
0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 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 TIDE (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 AT THE DATES INDICATED AND CAN NOT 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 HEREIN. REQUIRED BY 33 CFR 209.325

5. FOR THE MOST UP TO DATE INFORMATION PLEASE CHECK OUR WEBSITE AT [HTTP://WWW.SWNG.USACE.ARMY.MIL/MISSESS/NAVIGATIONHYDROGRAPHICSURVEYS/](http://WWW.SWNG.USACE.ARMY.MIL/MISSESS/NAVIGATIONHYDROGRAPHICSURVEYS/)

6. NOAA BATHYMETRY CONTOURS PRODUCED FROM HISTORIC BATHYMETRIC (HYDROGRAPHIC) SURVEYS CONDUCTED BY THE NOAA NATIONAL OCEAN SERVICE/COAST SURVEY AVAILABLE FROM THE NOAA GENERAL SHIPS CENTER. SURVEYS VARY AS TO SOUNDING DENSITY, ACCURACY OF DEPTH, ACCURACY OF NAVIGATION, ZERO DATUM, DATE OF SURVEY AND TYPE OF INSTRUMENTATION.

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community  
 Esri, Garmin, GEBCO, NOAA NGDC, and other contributors  
 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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

Dredging Reach Extent  
0 0.5 1 Miles

Hydrographic Survey Extent  
0 187.5 375 750 Feet

N  
W  
E  
S

**HYDROGRAPHIC SURVEY**  
 U.S. ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
 GALVESTON, TEXAS  
 Inner Bar Channel  
 GALVESTON, TEXAS  
 Station: 21+752.821 to 4+490.072