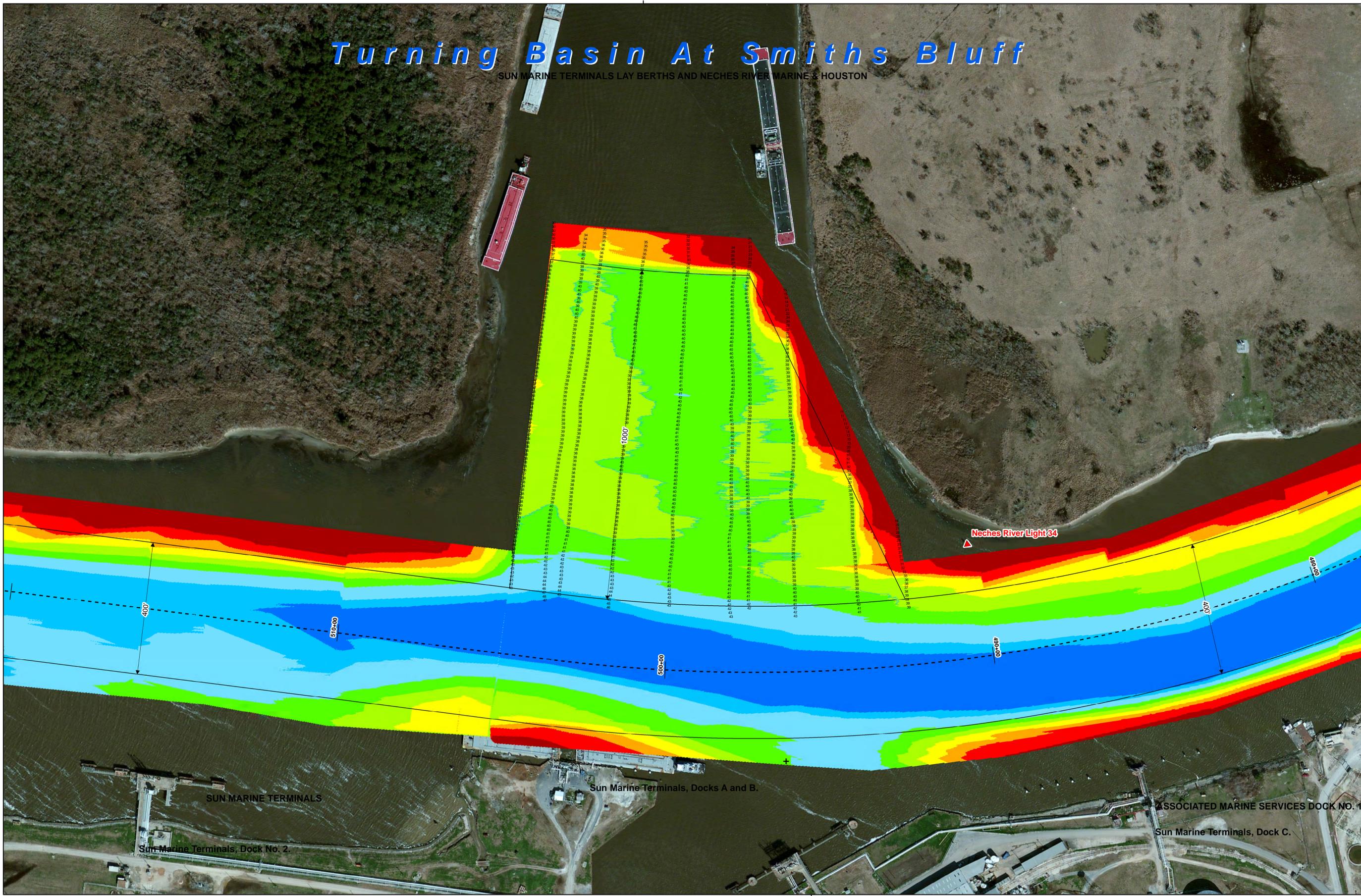


Turning Basin At Smiths Bluff

SUN MARINE TERMINALS LAY BERTHS AND NECHES RIVER MARINE & HOUSTON



US Army Corps of Engineers
Galveston District



| | |
|--|--------------------------------|
| Survey Date(s): 20150511 | Authorized Depth: -30 ft |
| Page 58 of 66 | Side Slope Ratio: (Rise : Run) |
| Map: 58 | |
| Scale: 1:1,530 | |
| Mapped by: m3odmrvk | |
| Imagery Date: October 27, 2013 © DigitalGlobe Inc. | |

Aids to Navigation

- ★ Lights
- ▲ Red Side Aids
- Green Side Aids
- ◆ Mooring Buoy
- Shoalest Sounding
- ↔ Dimensions
- Station Line
- - - Navigation Centerline
- Navigation Channel

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.
- 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
- 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: 1,968,500.0000
 False Northing: 13,123,333.3333
 Central Meridian: -99.0000
 Standard Parallel 1: 28.3833
 Standard Parallel 2: 30.2833
 Latitude Of Origin: 27.6333
 Units: Foot US

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
 Content may not reflect National Geographic's current map policy. Sources:

HYDROGRAPHIC SURVEY
 U.S. ARMY ENGINEER DISTRICT
 CORPS OF ENGINEERS
 GALVESTON, TEXAS
 Turning Basin At Smiths Bluff
 Station: 492+51 to 505+00
 NECHES RIVER
 TEXAS