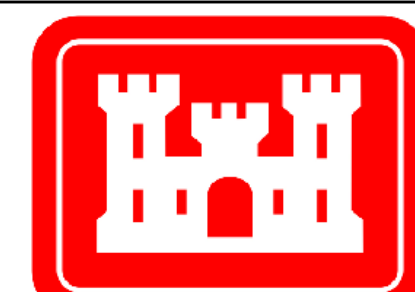


# Gulf Intracoastal Waterway: Aransas Bay to Corpus Christi Ship Channel



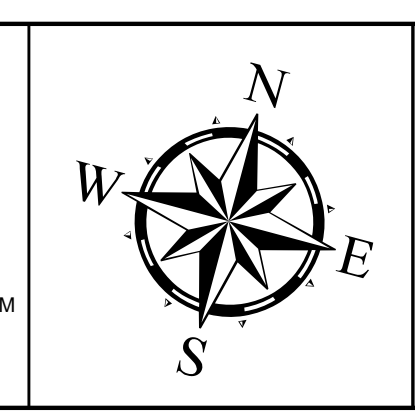
U.S. Army Corps of Engineers  
Galveston District



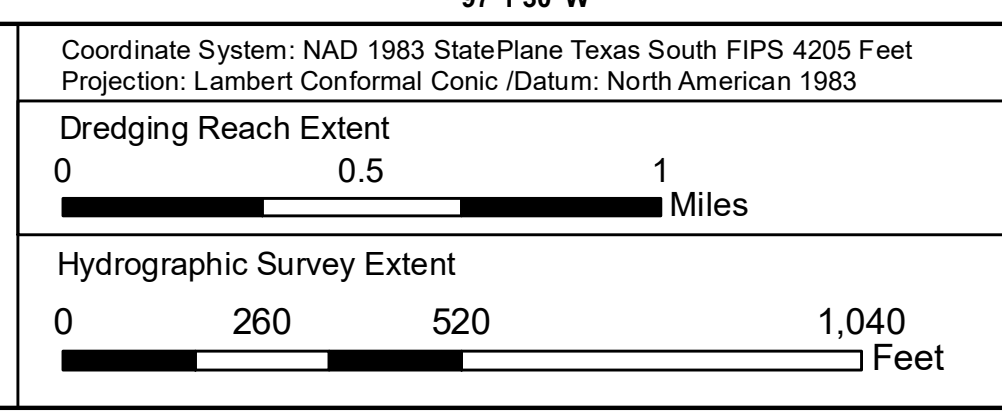
Channel Features	Aids to Navigation	MLLW
— Channel Toe	★ Lights	≥ 4
- - - Channel Center Line	▲ Red Side Aids	4 - 6
— Channel Station Lines	■ Green Side Aids	6 - 8
↔ Channel Dimensions	◆ Mooring Buoy	8 - 10
		10 - 12
		12 - 14
		14 - 16
		16 - 18
		< 18
		NOAA Bathymetry (DREDGING REACH EXTENT)
		0 - 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.

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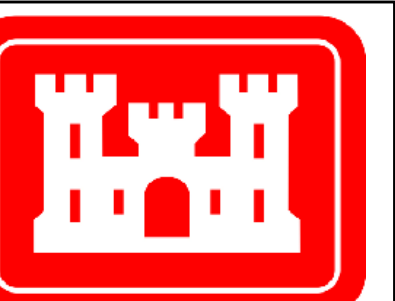
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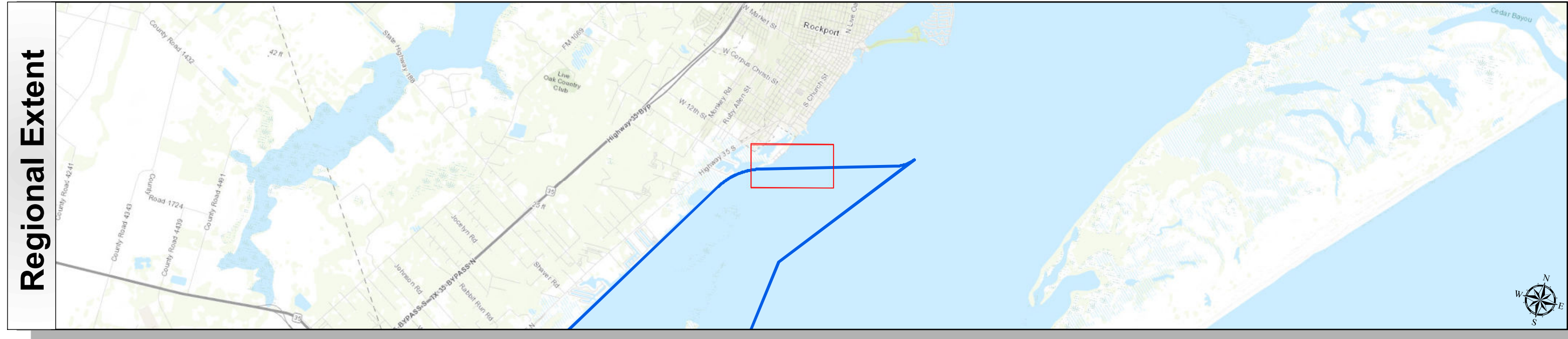
Survey Date(s): 06 May 2018	Authorized Depth: -14ft.
Page: 181 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnrvk	Print Date: 5/7/2018
Additional Info:	

**HYDROGRAPHIC SURVEY**  
 U.S. ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
 GALVESTON, TEXAS  
 Aransas Bay to  
 Corpus Christi Ship Channel  
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
 Aransas Pass, TEXAS

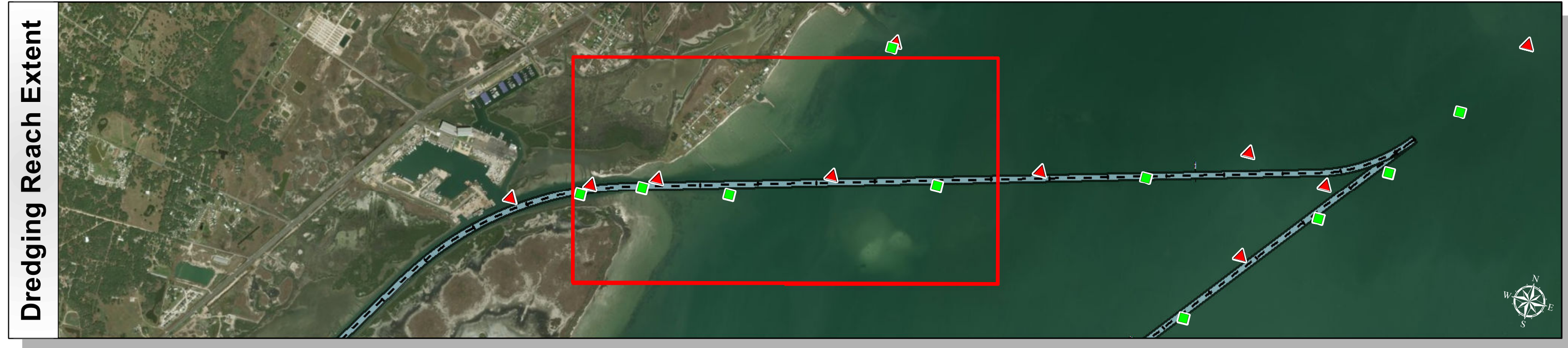
# Gulf Intracoastal Waterway: Aransas Bay to Corpus Christi Ship Channel



U.S. Army Corps of Engineers  
Galveston District



Regional Extent



Dredging Reach Extent



27°59'30"N

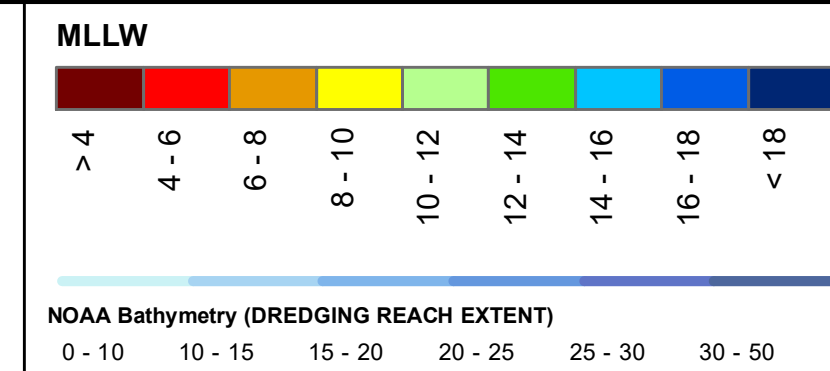
28°0'0"N

97°4'0"W

97°3'30"W

97°3'0"W

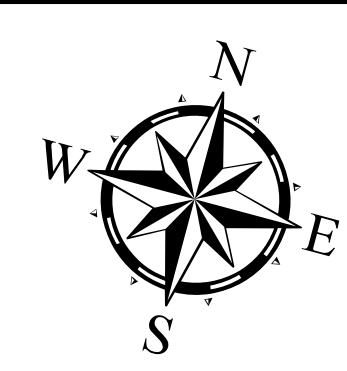
Channel Features	Aids to Navigation
— Channel Toe	★ Lights
- - - Channel Center Line	▲ Red Side Aids
— Channel Station Lines	■ Green Side Aids
↔ Channel Dimensions	◆ Mooring Buoy



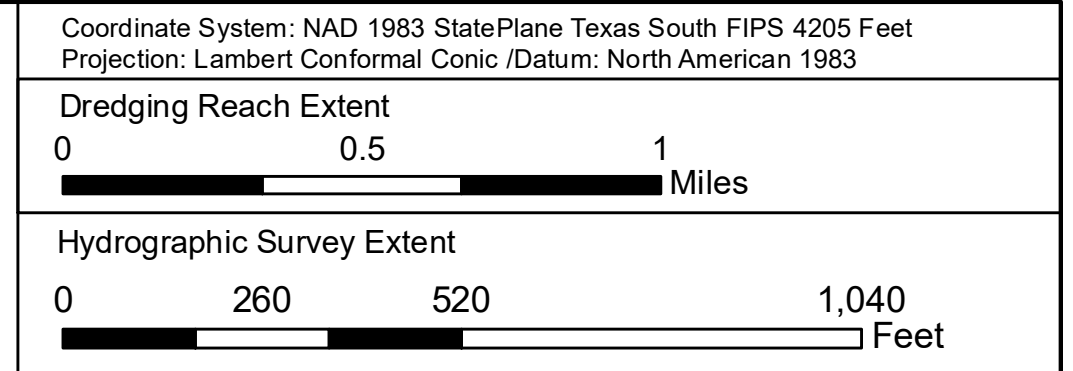
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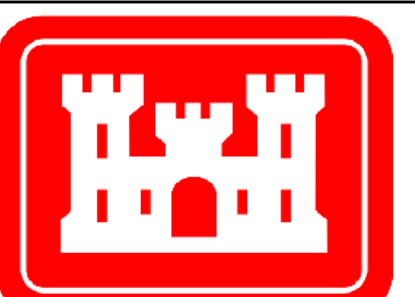
Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community  
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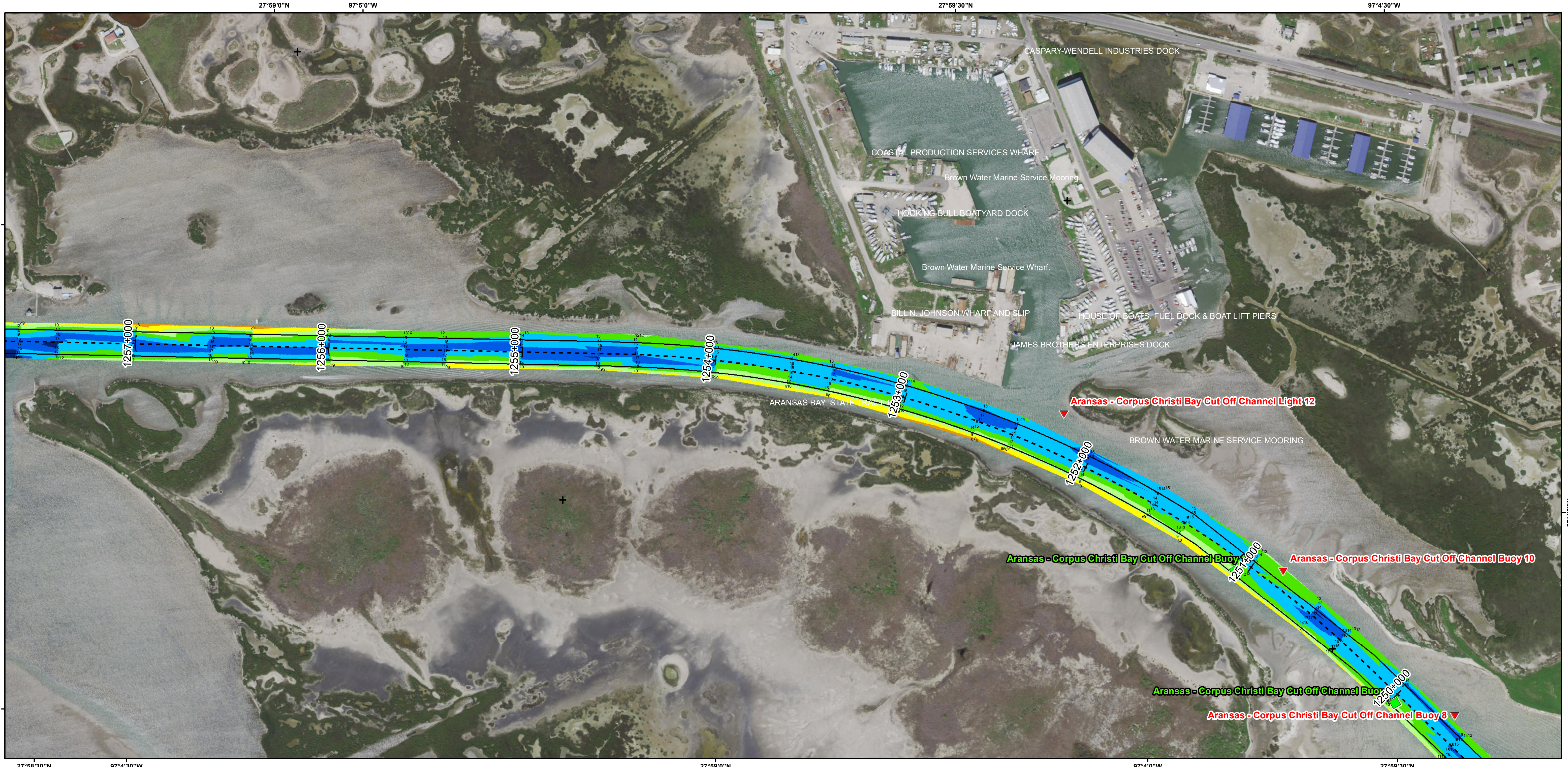
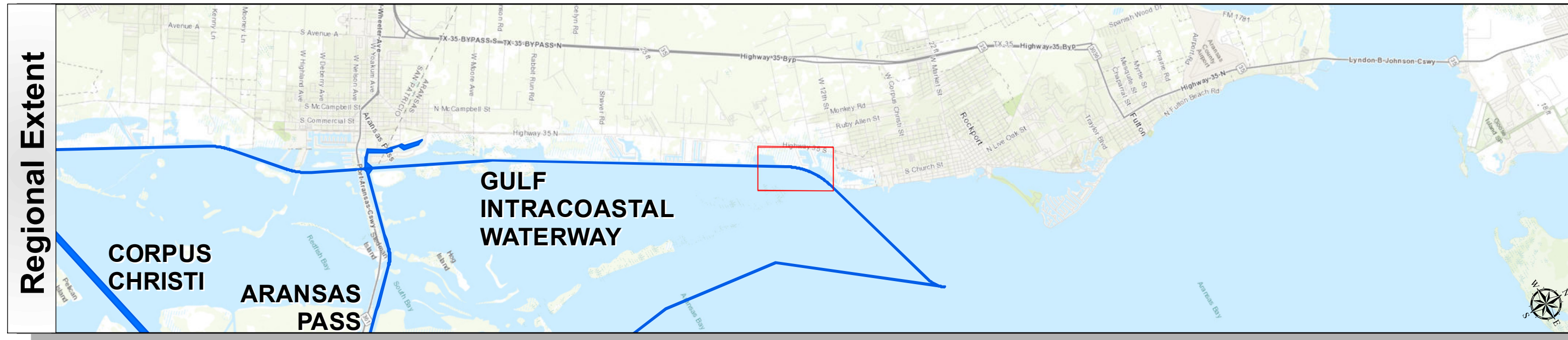
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Page: 182 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnrk	Print Date: 5/7/2018
Additional Info:	

**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS  
Aransas Bay to  
Corpus Christi Ship Channel  
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
Aransas Pass, TEXAS

# Gulf Intracoastal Waterway: Aransas Bay to Corpus Christi Ship Channel



U.S. Army Corps of Engineers  
Galveston District



Channel Features	Aids to Navigation	MLLW
— Channel Toe	★ Lights	▲ 4
- - - Channel Center Line	▲ Red Side Aids	■ 4 - 6
— Channel Station Lines	■ Green Side Aids	■ 6 - 8
↔ Channel Dimensions	◆ Mooring Buoy	■ 8 - 10
		■ 10 - 12
		■ 12 - 14
		■ 14 - 16
		■ 16 - 18
		■ < 18
		■ NOAA Bathymetry (DREDGING REACH EXTENT)
		■ 0 - 10
		■ 10 - 15
		■ 15 - 20
		■ 20 - 25
		■ 25 - 30
		■ 30 - 50

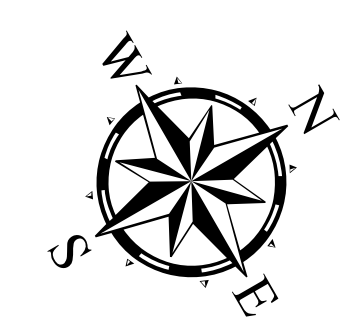
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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic /Datum: North American 1983

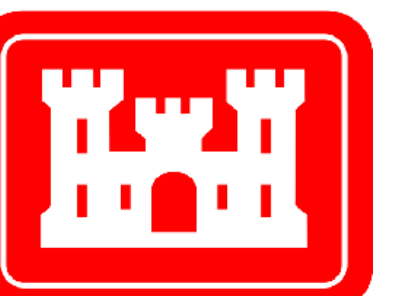
Dredging Reach Extent  
0 0.5 1 Miles

Hydrographic Survey Extent  
0 260 520 1,040 Feet

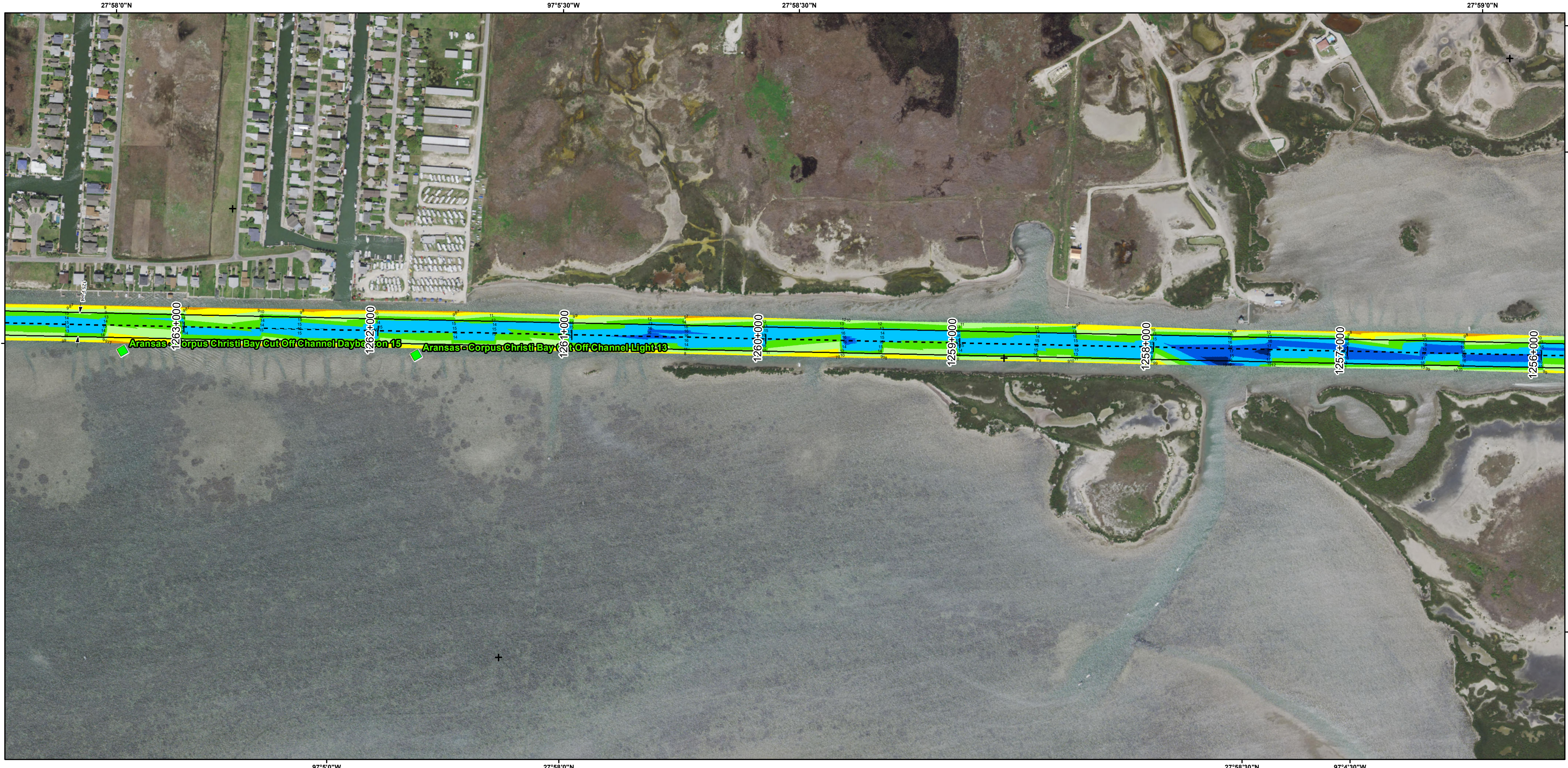
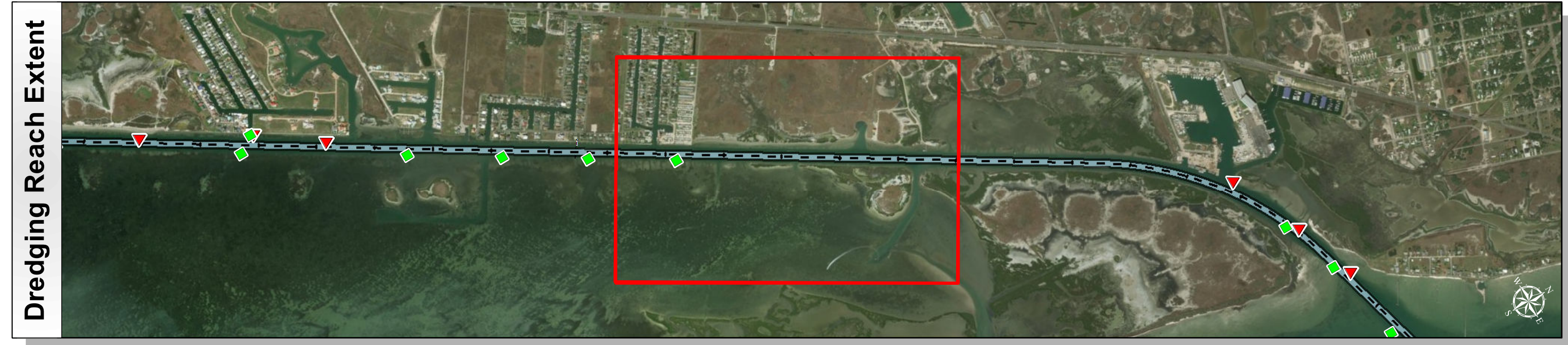
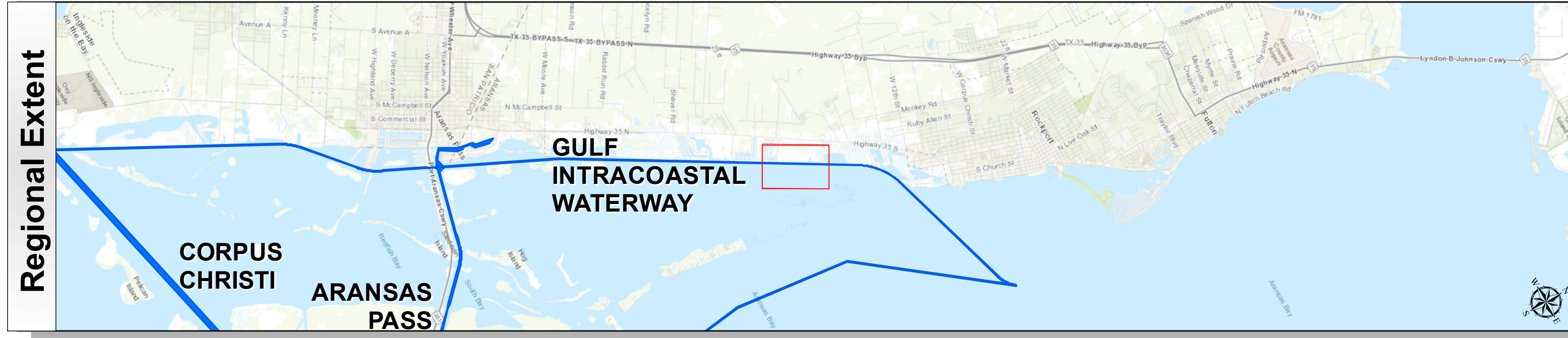
Survey Date(s): 06 May 2018	Authorized Depth: -14ft.
Page: 183 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnrvk	Print Date: 5/7/2018
Additional Info:	

**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS  
Aransas Bay to  
Corpus Christi Ship Channel  
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
Aransas Pass, TEXAS

# Gulf Intracoastal Waterway: Aransas Bay to Corpus Christi Ship Channel



U.S. Army Corps of Engineers  
Galveston District



Survey Date(s): 06 May 2018	Authorized Depth: -14ft.
Page: 184 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odhvk	Print Date: 5/7/2018
Additional Info:	

**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**

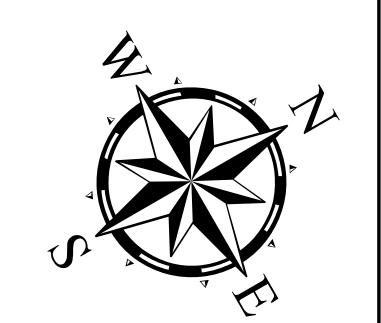
NOAA Bathymetry (DREDGING REACH EXTENT)

> 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18
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0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50

**NOTES:**

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Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic /Datum: North American 1983

**Dredging Reach Extent**

0 0.5 1 Miles

**Hydrographic Survey Extent**

0 260 520 1,040 Feet

**HYDROGRAPHIC SURVEY**

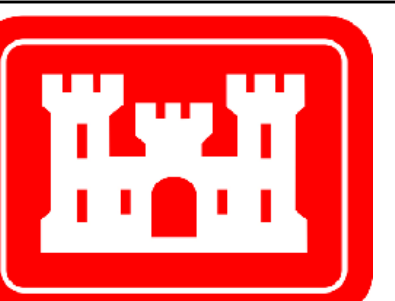
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

Aransas Bay to  
Corpus Christi Ship Channel

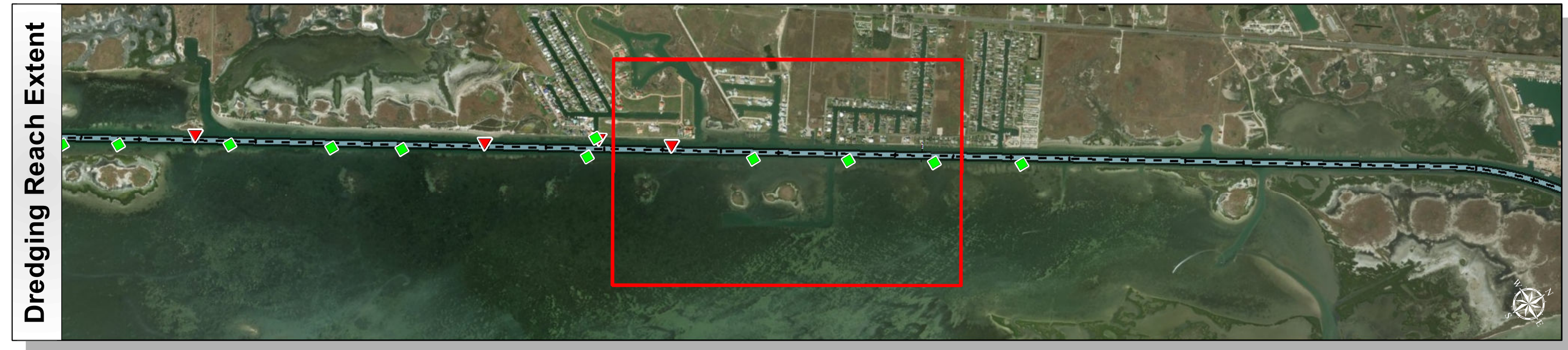
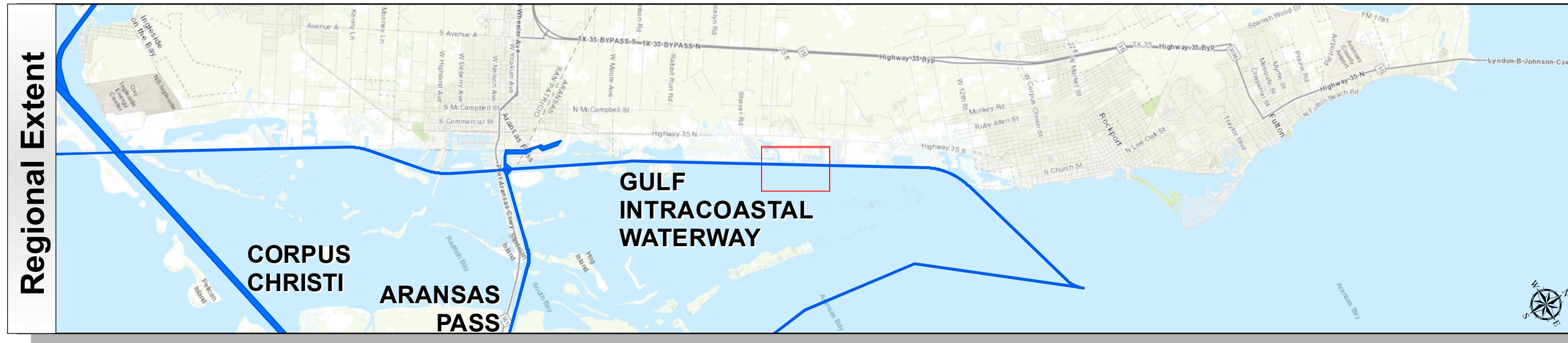
**Station: 1236+611 to 1325+800**

**GULF INTRACOASTAL WATERWAY**  
Aransas Pass, TEXAS

# Gulf Intracoastal Waterway: Aransas Bay to Corpus Christi Ship Channel



U.S. Army Corps of Engineers  
Galveston District



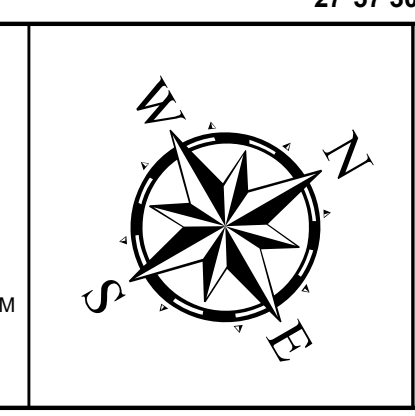
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Page: 185 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnrvk	Print Date: 5/7/2018
Additional Info:	

Channel Features	Aids to Navigation	MLLW
— Channel Toe	★ Lights	▲ 4
- - - Channel Center Line	▲ Red Side Aids	■ 4 - 6
— Channel Station Lines	■ Green Side Aids	■ 6 - 8
↔ Channel Dimensions	◆ Mooring Buoy	■ 8 - 10
		■ 10 - 12
		■ 12 - 14
		■ 14 - 16
		■ 16 - 18
		■ < 18
		NOAA Bathymetry (DREDGING REACH EXTENT)
		0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50

NOTES:

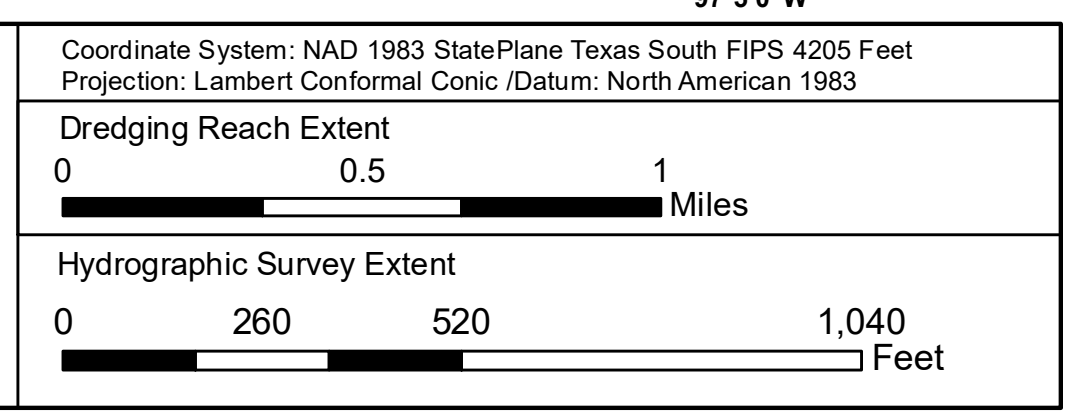
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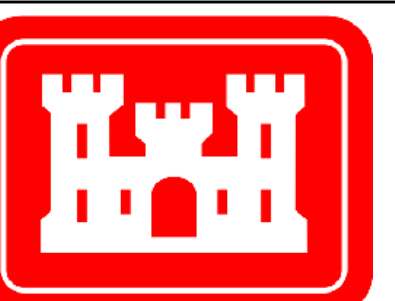
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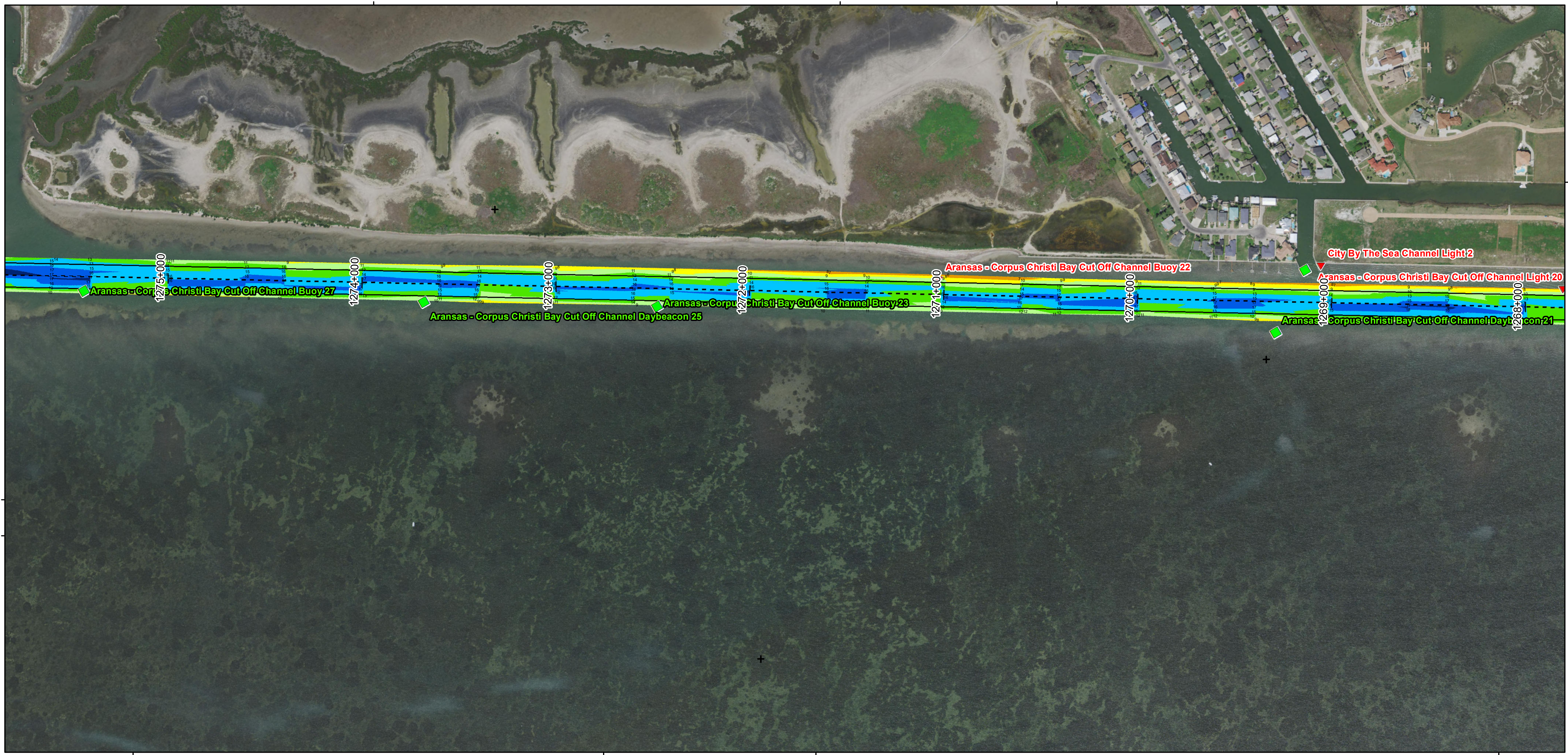
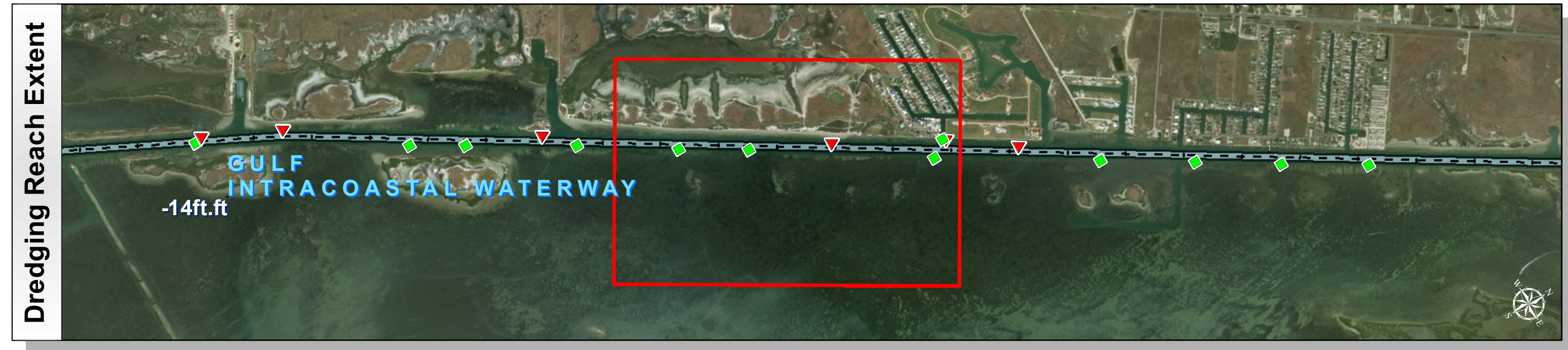
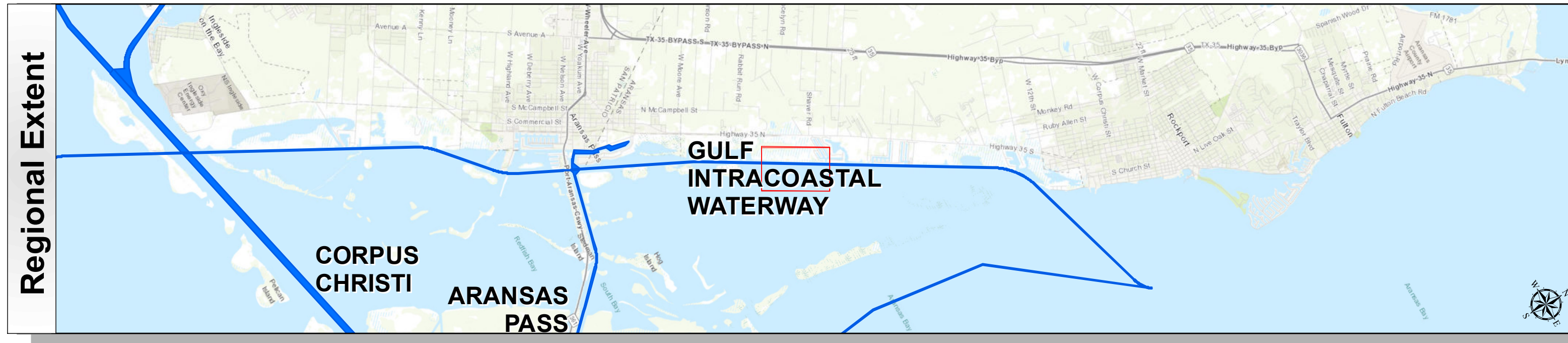


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U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS  
Aransas Bay to  
Corpus Christi Ship Channel  
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
Aransas Pass, TEXAS

# Gulf Intracoastal Waterway: Aransas Bay to Corpus Christi Ship Channel



U.S. Army Corps of Engineers  
Galveston District



Survey Date(s): 06 May 2018	Authorized Depth: -14ft.
Page: 186 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnrvk	Print Date: 5/7/2018
Additional Info:	

**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**

NOAA Bathymetry (DREDGING REACH EXTENT)

0 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 50
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Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic /Datum: North American 1983

**Dredging Reach Extent**

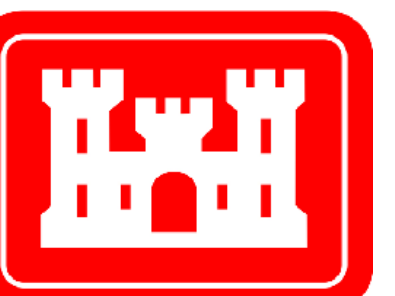
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**Hydrographic Survey Extent**

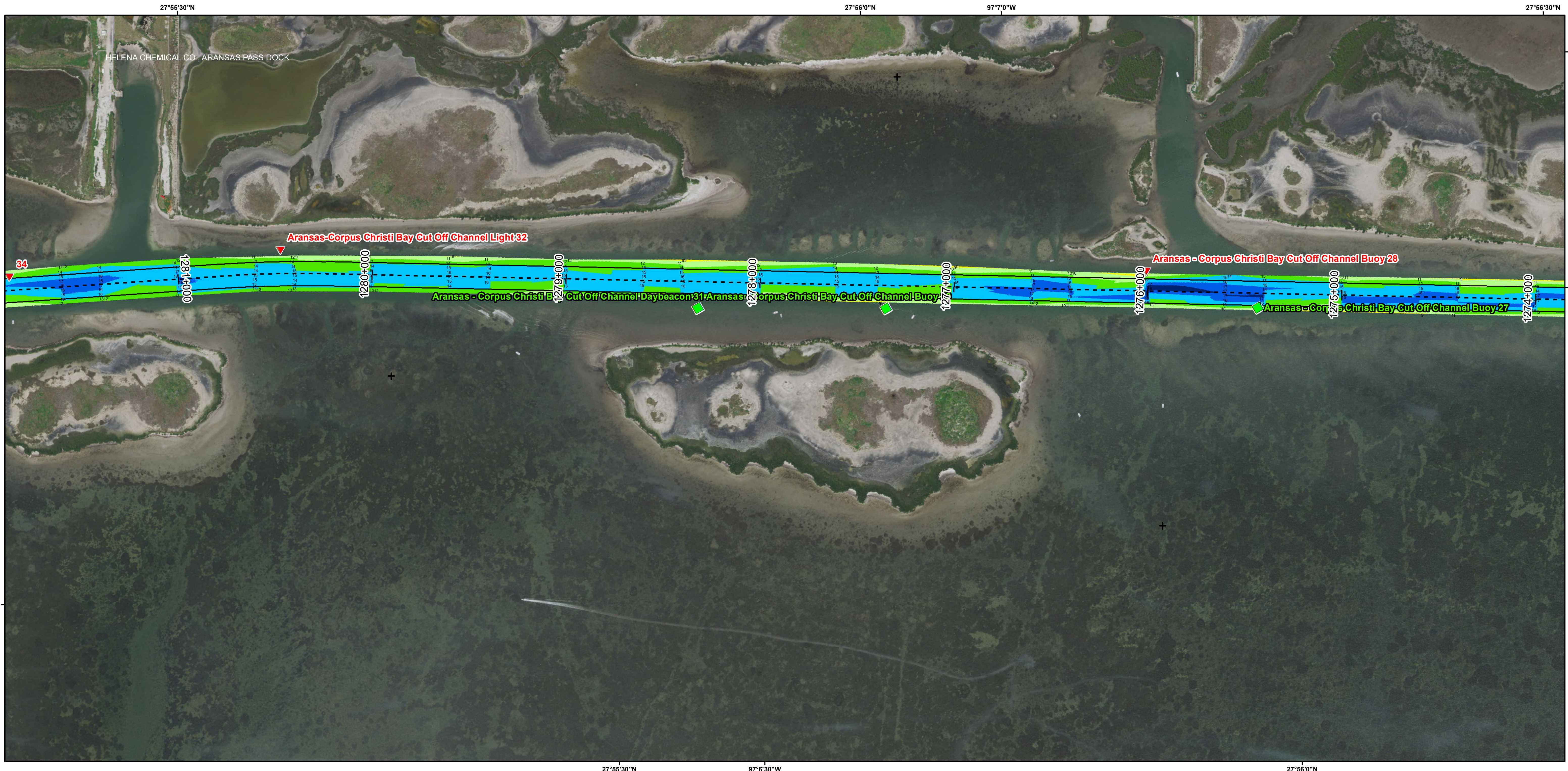
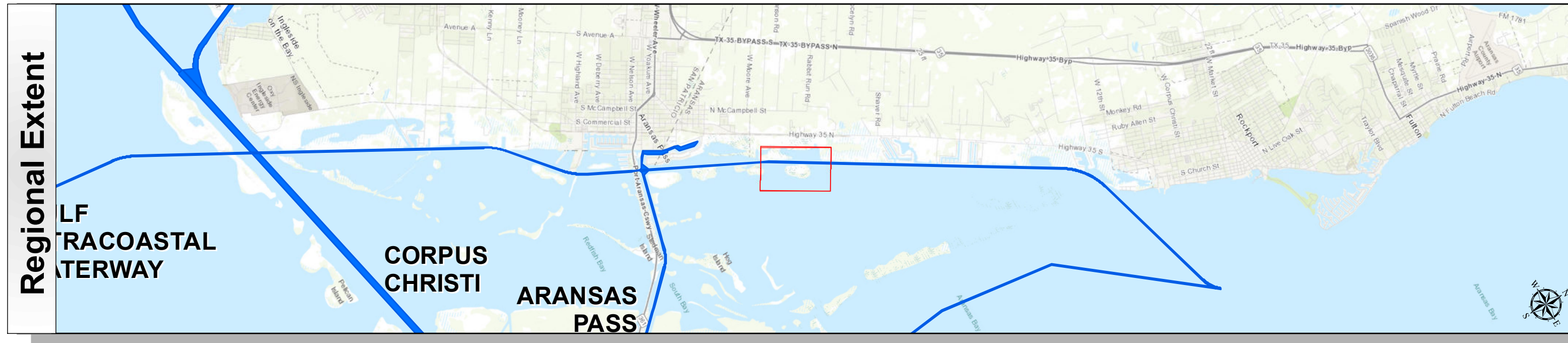
0 260 520 1,040 Feet

**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS  
Aransas Bay to  
Corpus Christi Ship Channel  
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
Aransas Pass, TEXAS

# Gulf Intracoastal Waterway: Aransas Bay to Corpus Christi Ship Channel



U.S. Army Corps of Engineers  
Galveston District



Survey Date(s): 06 May 2018	Authorized Depth: -14ft.
Page: 187 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnrvk	Print Date: 5/7/2018
Additional Info:	

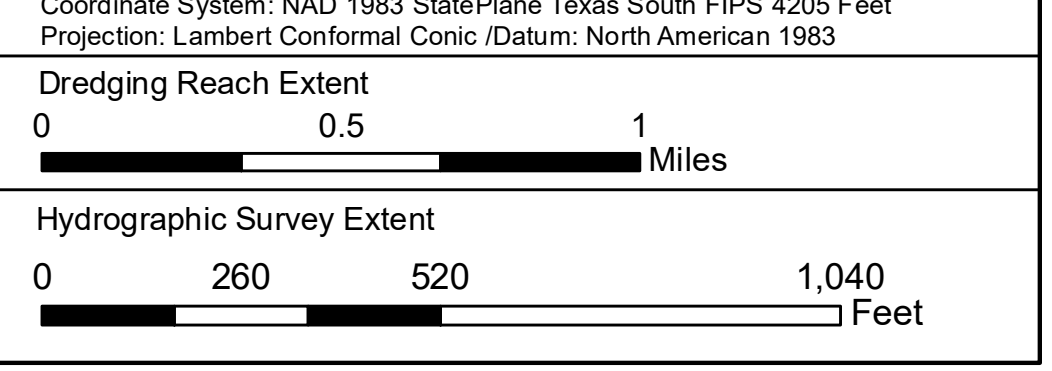
Channel Features	Aids to Navigation	MLLW
— Channel Toe	★ Lights	▲ 4
- - - Channel Center Line	▲ Red Side Aids	■ 4 - 6
— Channel Station Lines	■ Green Side Aids	■ 6 - 8
↔ Channel Dimensions	◆ Mooring Buoy	■ 8 - 10
		■ 10 - 12
		■ 12 - 14
		■ 14 - 16
		■ 16 - 18
		■ < 18
		NOAA Bathymetry (DREDGING REACH EXTENT)
		0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50

NOTES:

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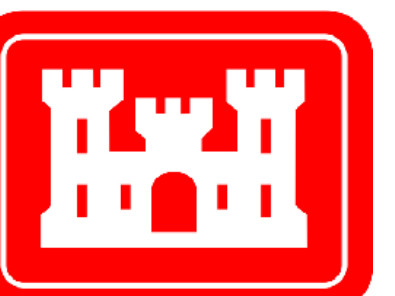


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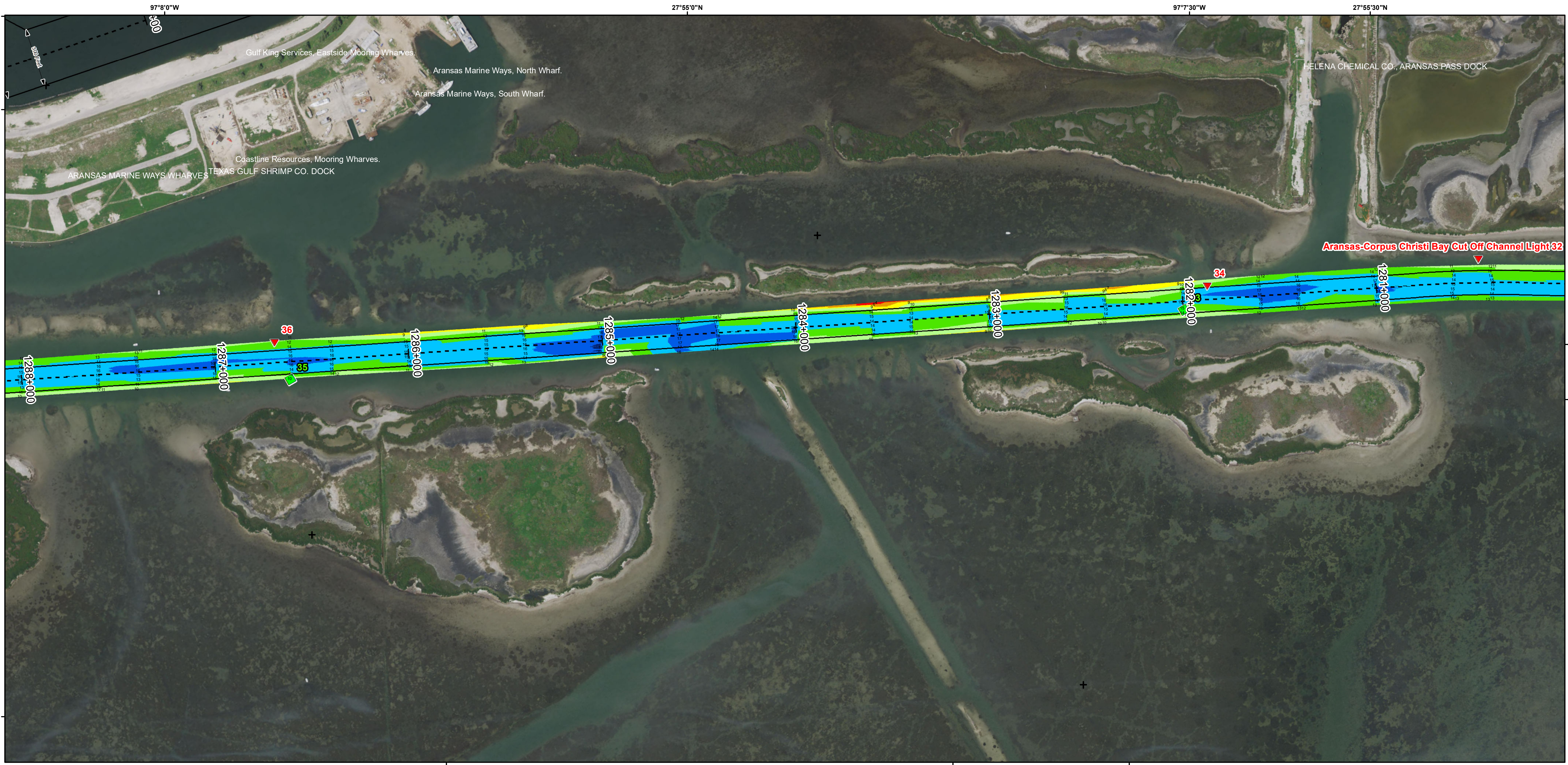
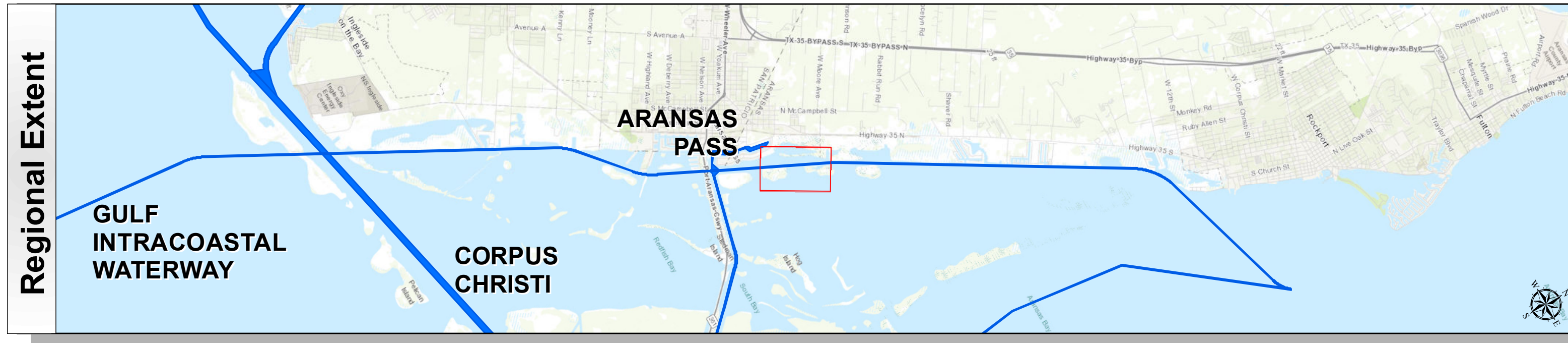


**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS  
Aransas Bay to  
Corpus Christi Ship Channel  
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
Aransas Pass, TEXAS

# Gulf Intracoastal Waterway: Aransas Bay to Corpus Christi Ship Channel



U.S. Army Corps of Engineers  
Galveston District



Survey Date(s): 06 May 2018	Authorized Depth: -14ft.
Page: 188 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnrvk	Print Date: 5/7/2018
Additional Info:	

**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**

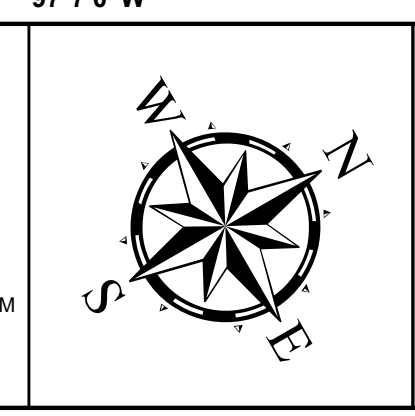
> 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18
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**NOAA Bathymetry (DREDGING REACH EXTENT)**

0 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 50
--------	---------	---------	---------	---------	---------

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Projection: Lambert Conformal Conic /Datum: North American 1983

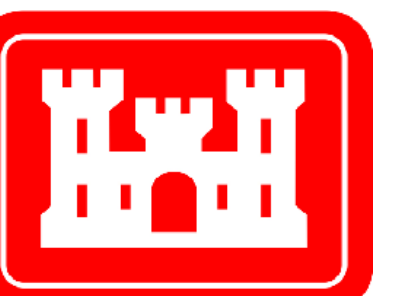
**Dredging Reach Extent**

**Hydrographic Survey Extent**

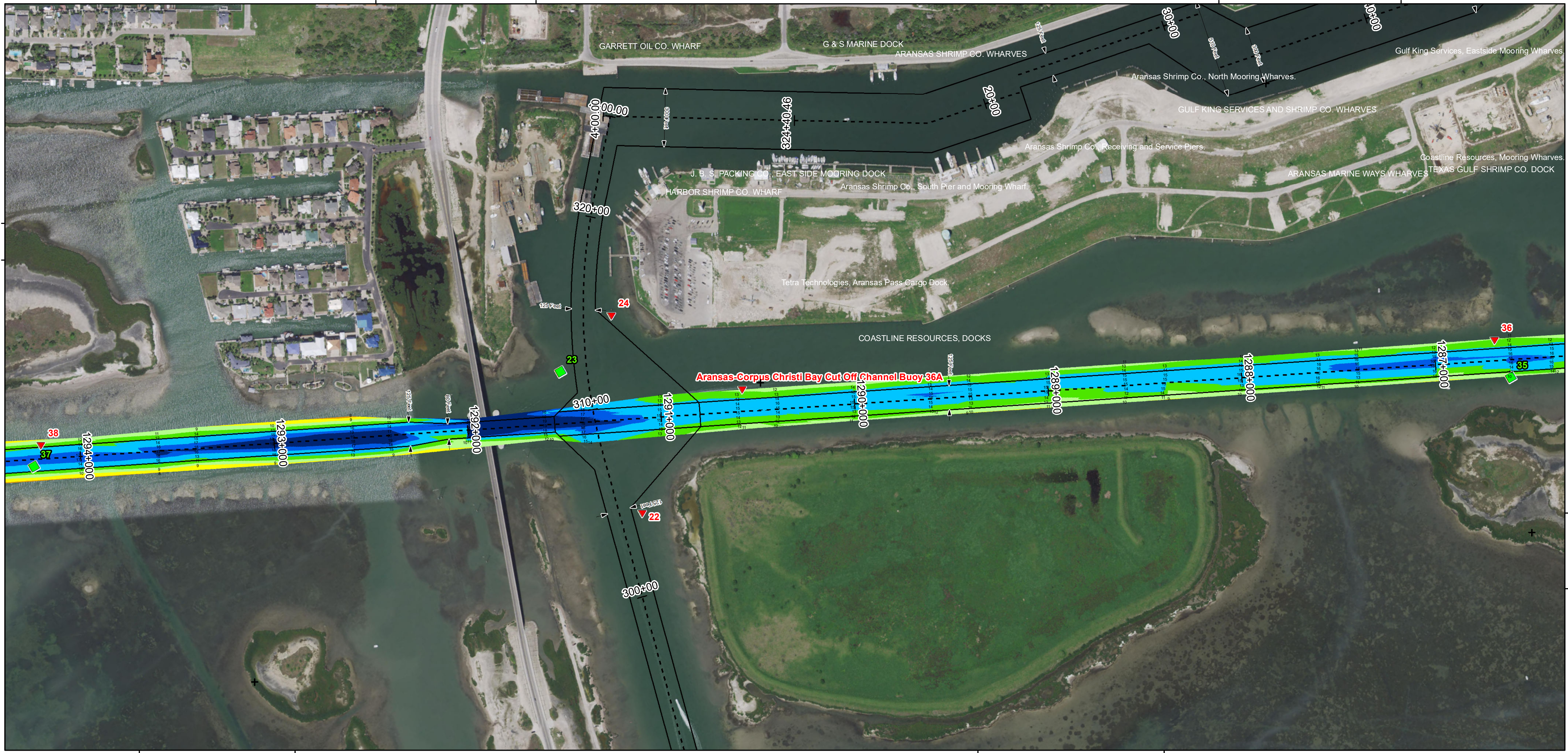
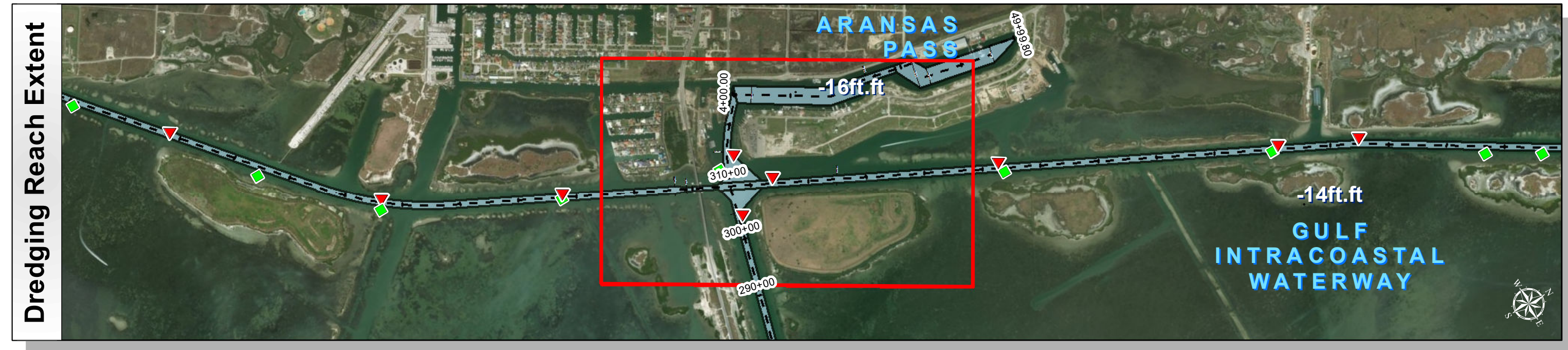
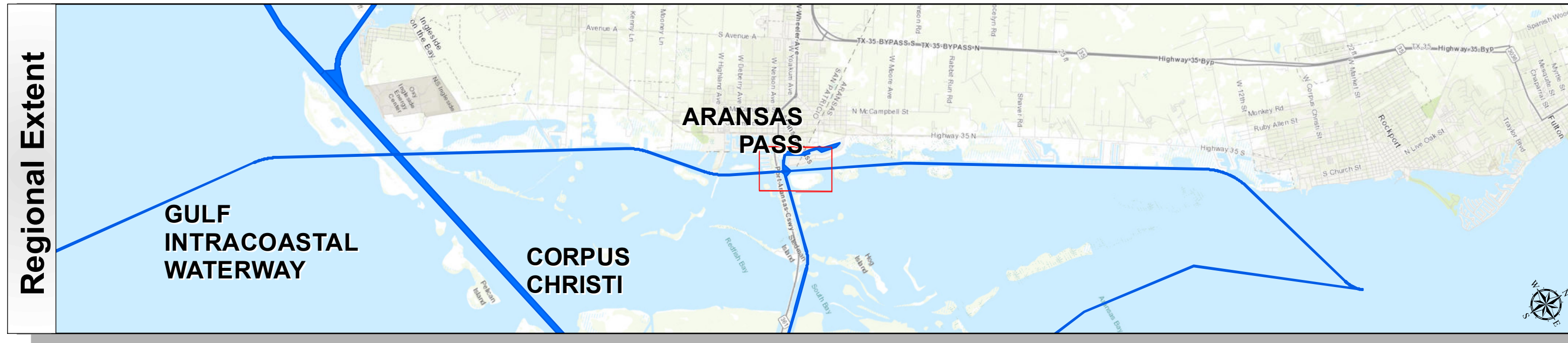
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U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS  
Aransas Bay to  
Corpus Christi Ship Channel  
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
Aransas Pass, TEXAS



# Gulf Intracoastal Waterway: Aransas Bay to Corpus Christi Ship Channel



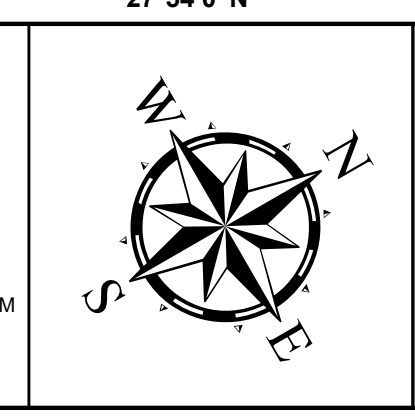
U.S. Army Corps of Engineers  
Galveston District



Channel Features	Aids to Navigation	MLLW
Channel Toe	★ Lights	≥ 4
Channel Center Line	▲ Red Side Aids	4 - 6
Channel Station Lines	■ Green Side Aids	6 - 8
Channel Dimensions	◆ Mooring Buoy	8 - 10
		10 - 12
		12 - 14
		14 - 16
		16 - 18
		< 18
NOAA Bathymetry (DREDGING REACH EXTENT)		
		0 - 10
		10 - 15
		15 - 20
		20 - 25
		25 - 30
		30 - 50

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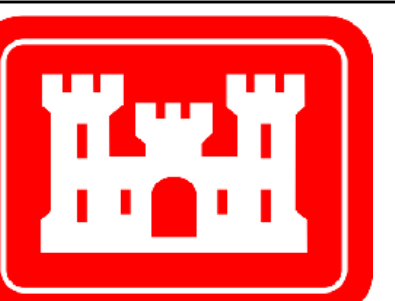
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Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic /Datum: North American 1983
Dredging Reach Extent 0 0.5 1 Miles
Hydrographic Survey Extent 0 260 520 1,040 Feet

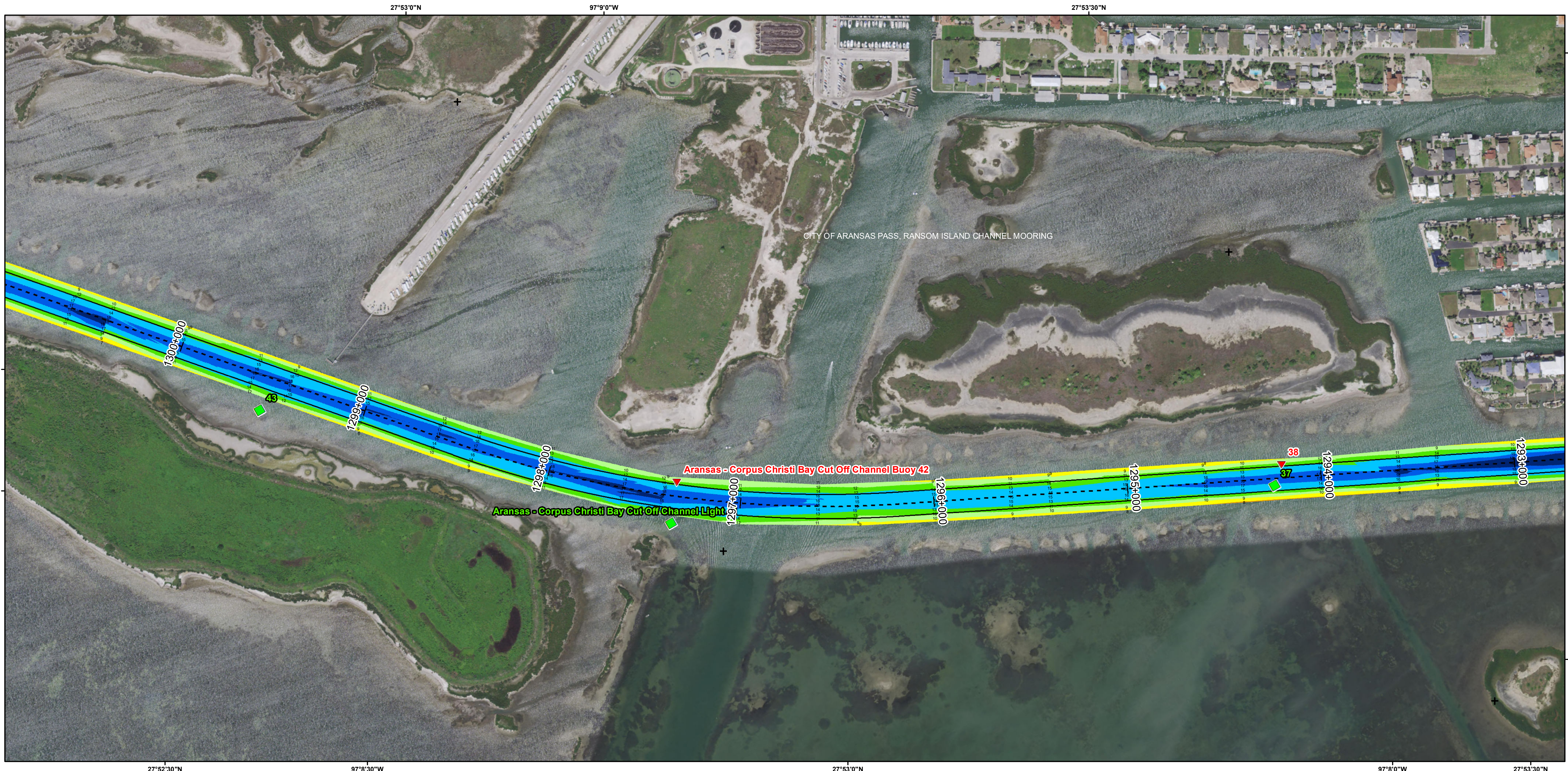
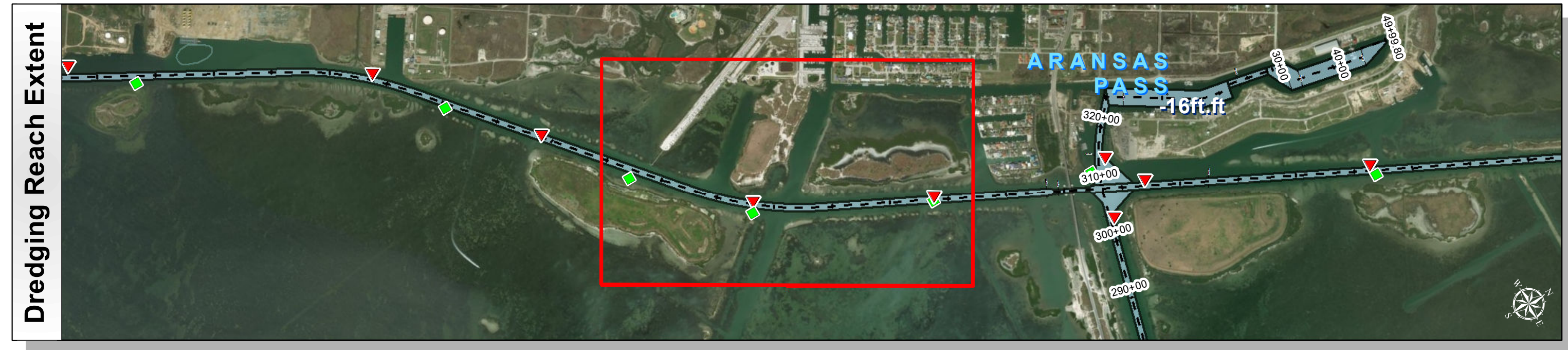
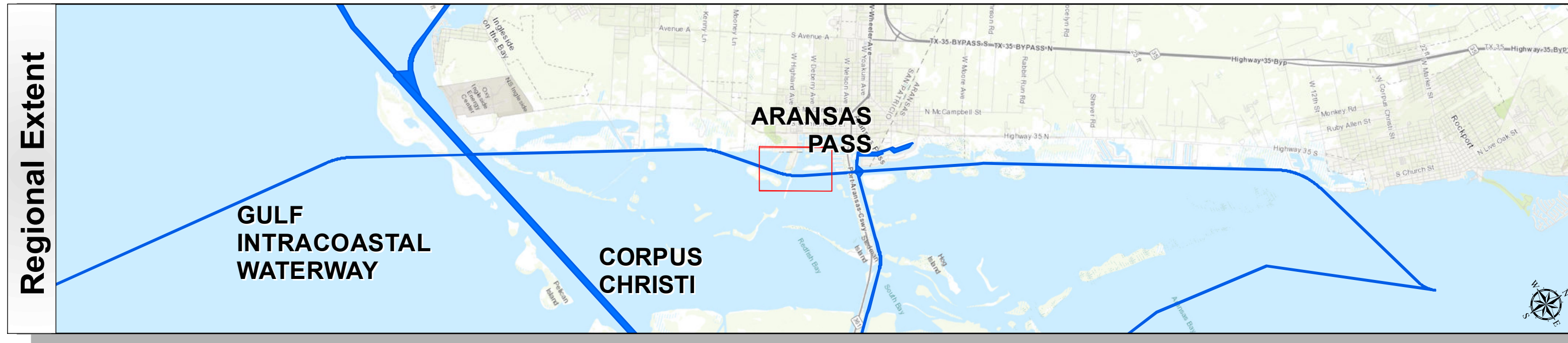
Survey Date(s): 06 May 2018	Authorized Depth: -14ft.
Page: 189 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnrvk	Print Date: 5/7/2018
Additional Info:	

**HYDROGRAPHIC SURVEY**  
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 CORPS OF ENGINEERS  
 GALVESTON, TEXAS  
 Aransas Bay to  
 Corpus Christi Ship Channel  
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
 Aransas Pass, TEXAS

# Gulf Intracoastal Waterway: Aransas Bay to Corpus Christi Ship Channel



U.S. Army Corps of Engineers  
Galveston District



Survey Date(s): 06 May 2018	Authorized Depth: -14ft.
Page: 190 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnrnk	Print Date: 5/7/2018
Additional Info:	

Channel Features	Aids to Navigation	MLLW
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- - - Channel Center Line	▲ Red Side Aids	▲ 6 - 8
— Channel Station Lines	▲ Green Side Aids	▲ 8 - 10
↔ Channel Dimensions	◆ Mooring Buoy	▲ 10 - 12
		▲ 12 - 14
		▲ 14 - 16
		▲ 16 - 18
		▲ < 18
		NOAA Bathymetry (DREDGING REACH EXTENT)
		0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50

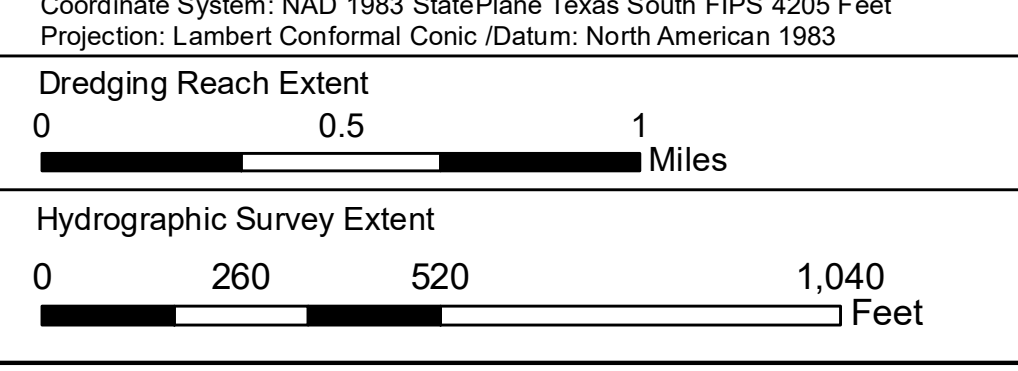
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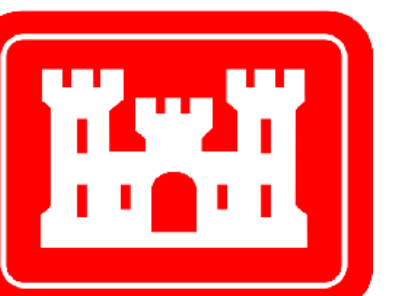
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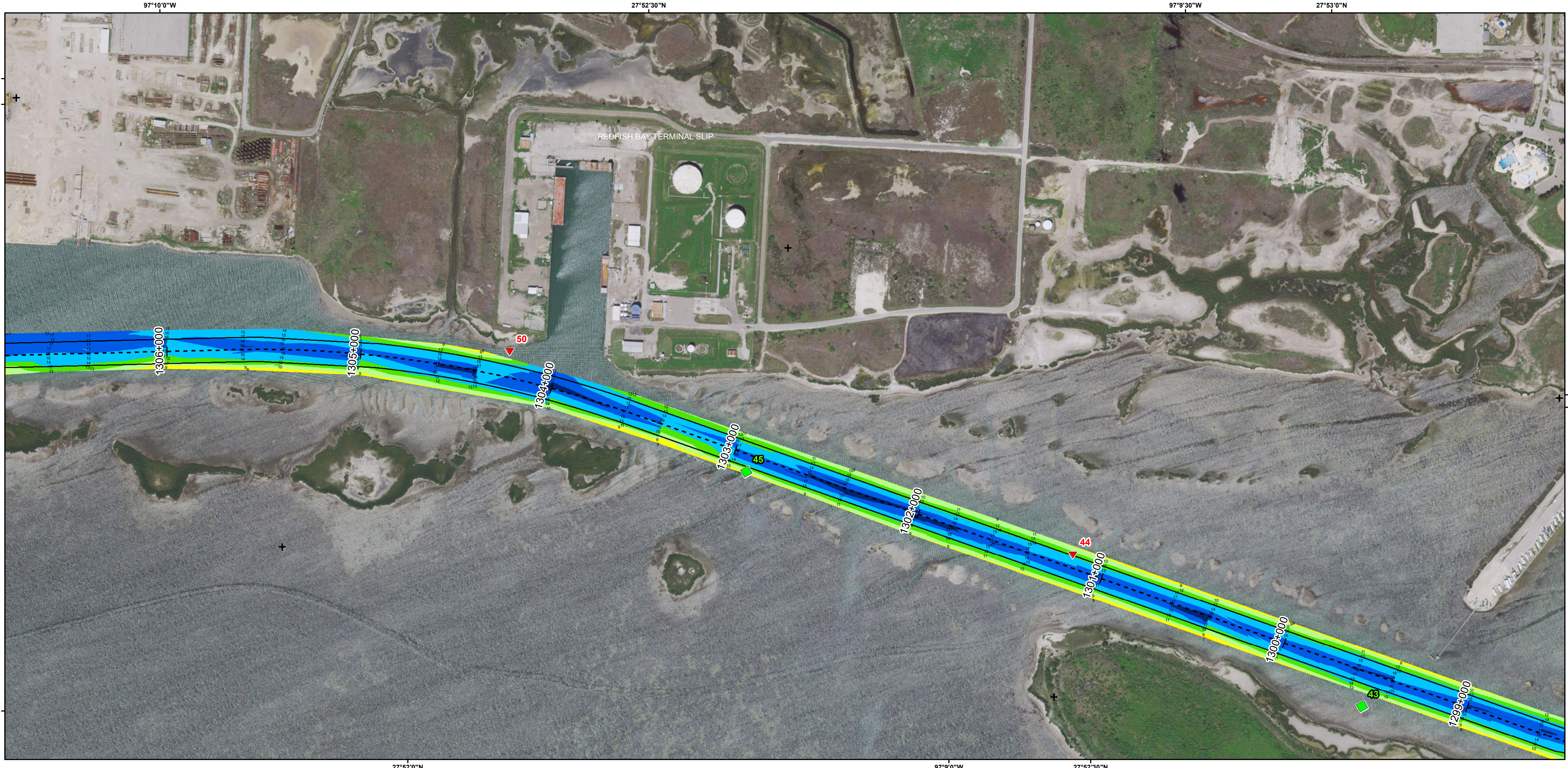
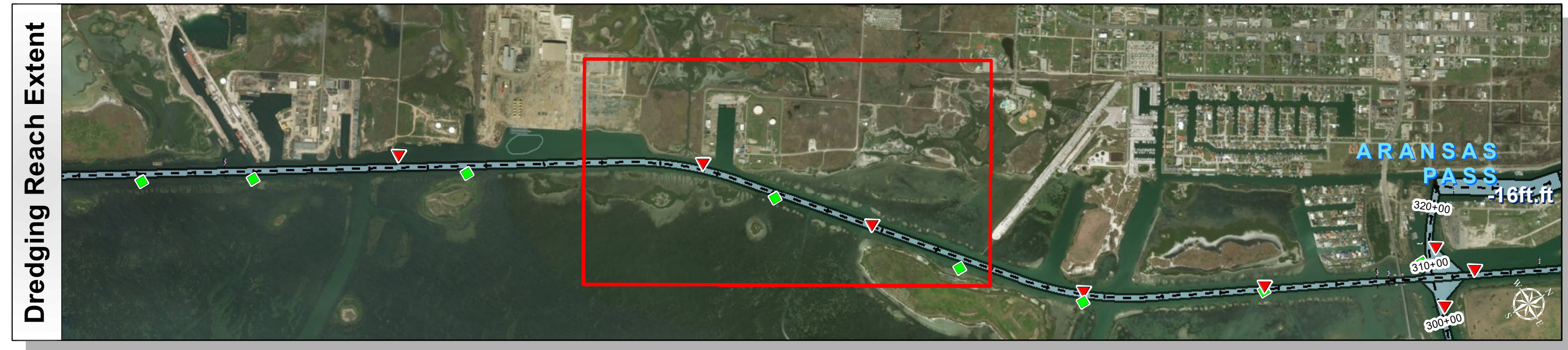
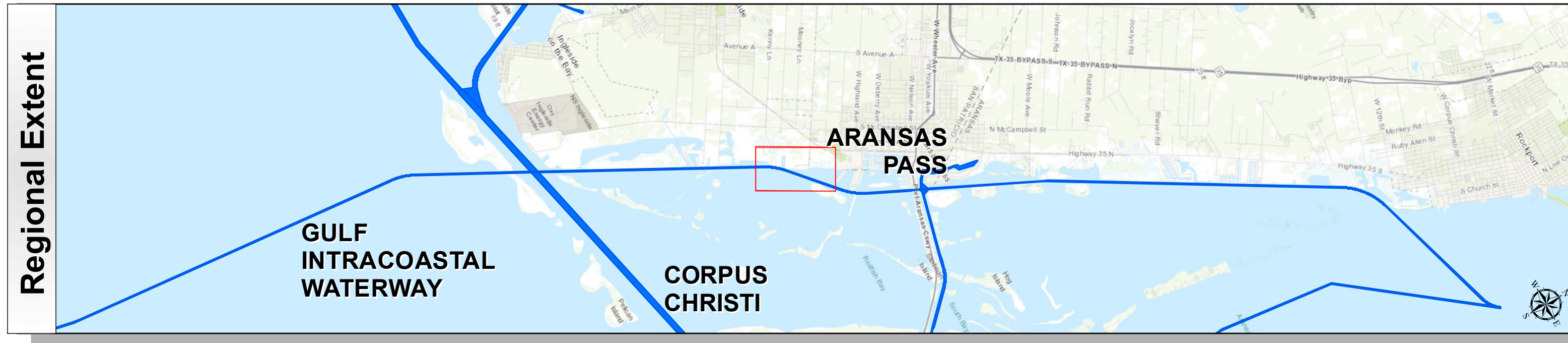


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**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
Aransas Pass, TEXAS

# Gulf Intracoastal Waterway: Aransas Bay to Corpus Christi Ship Channel



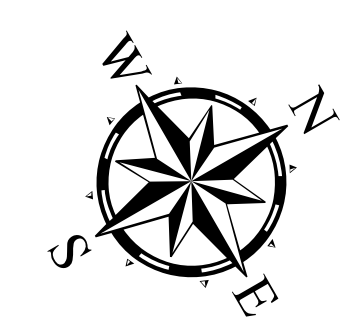
U.S. Army Corps of Engineers  
Galveston District



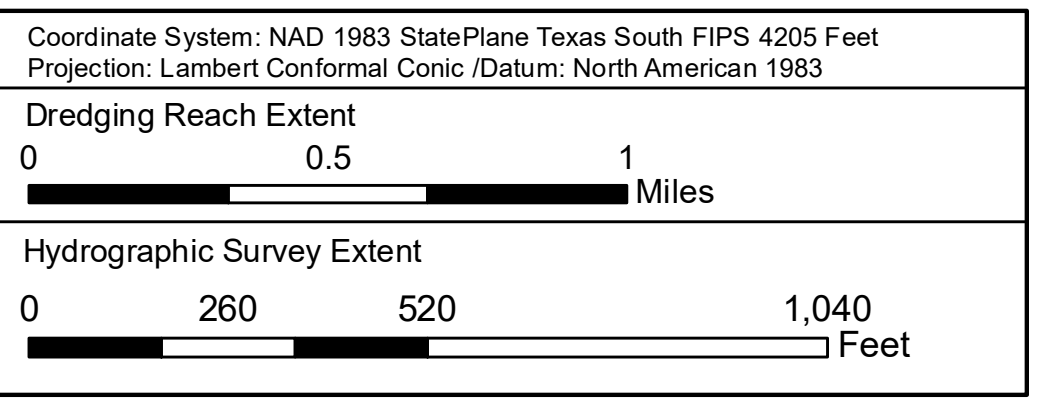
Channel Features	Aids to Navigation	MLLW
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		NOAA Bathymetry (DREDGING REACH EXTENT)
		0 - 10
		10 - 15
		15 - 20
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		25 - 30
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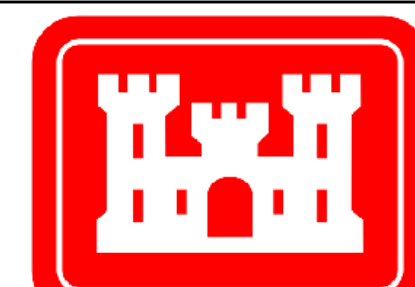
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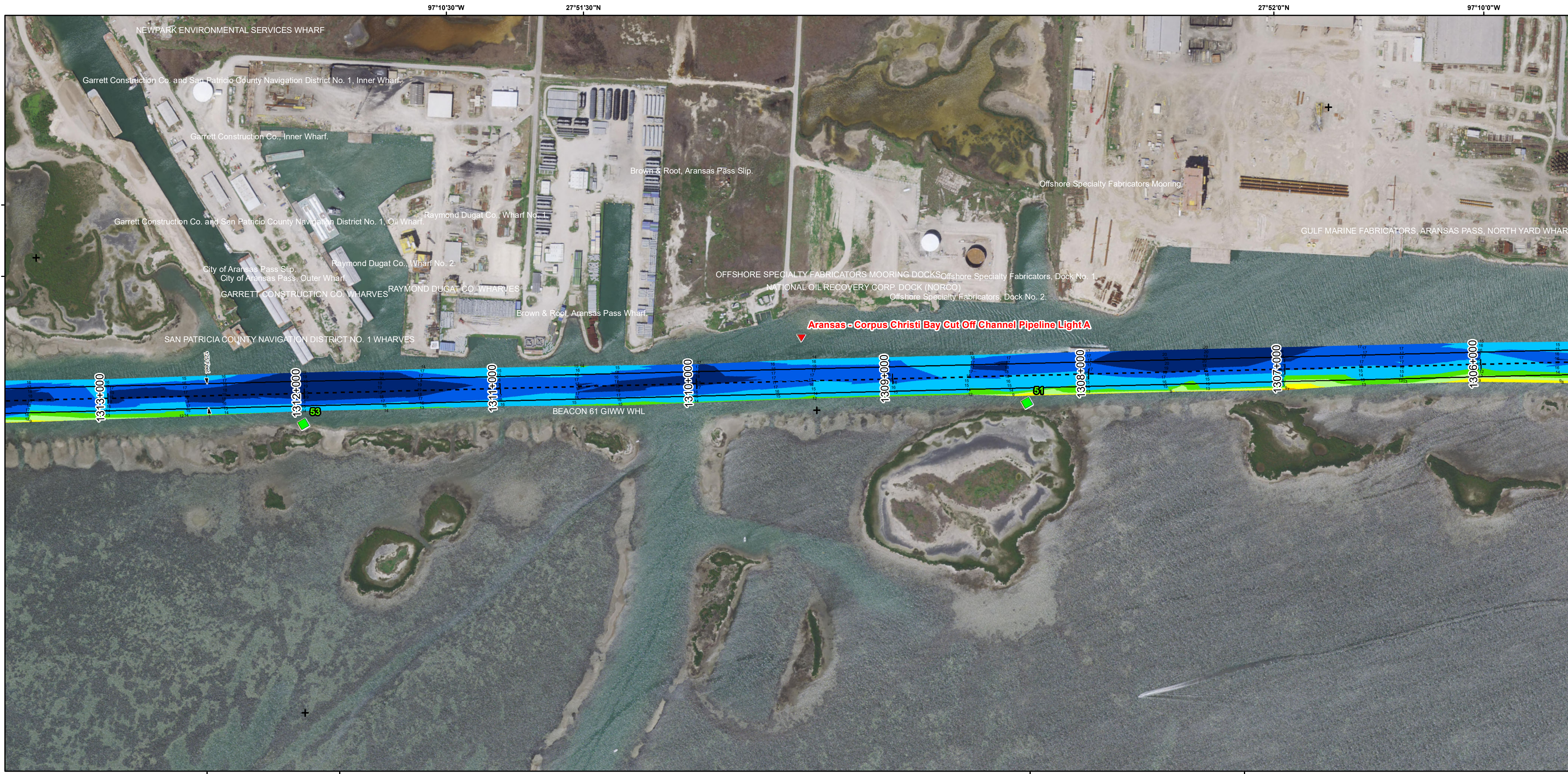
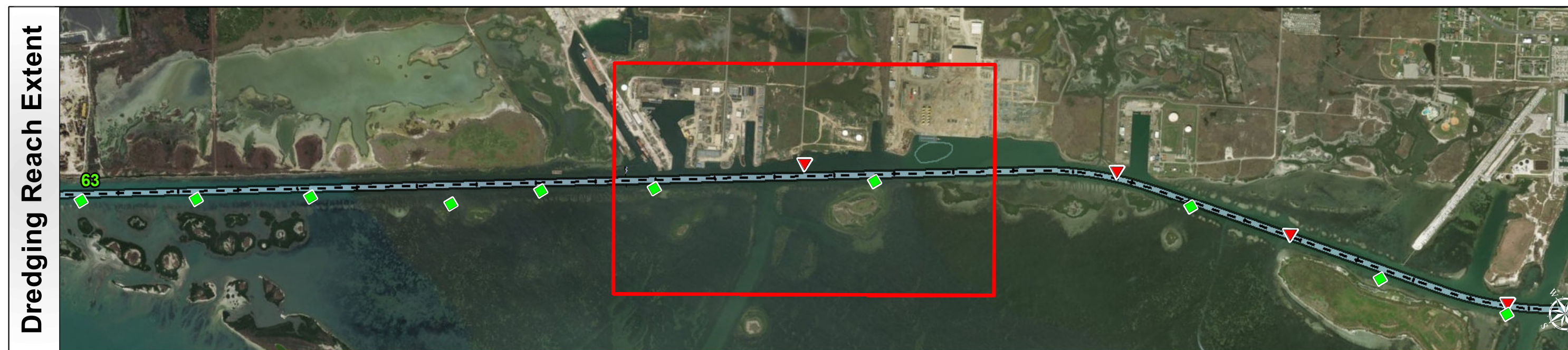
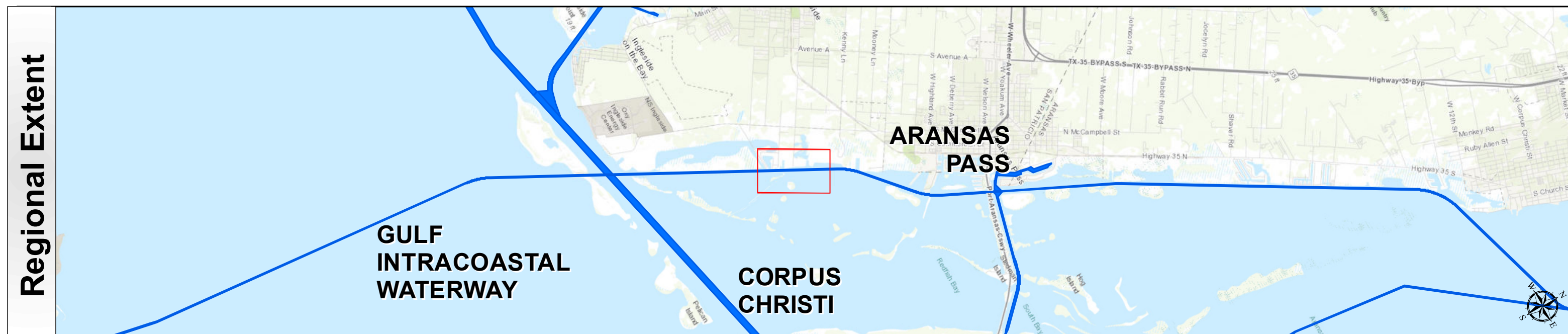
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Page: 191 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnrvk	Print Date: 5/7/2018
Additional Info:	

**HYDROGRAPHIC SURVEY**  
 U.S. ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
 GALVESTON, TEXAS  
 Aransas Bay to  
 Corpus Christi Ship Channel  
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
 Aransas Pass, TEXAS

# Gulf Intracoastal Waterway: Aransas Bay to Corpus Christi Ship Channel



U.S. Army Corps of Engineers  
Galveston District

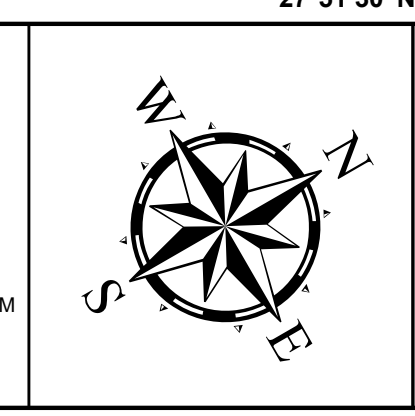


Survey Date(s): 06 May 2018	Authorized Depth: -14ft.
Page: 192 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnrvk	Print Date: 5/7/2018
Additional Info:	

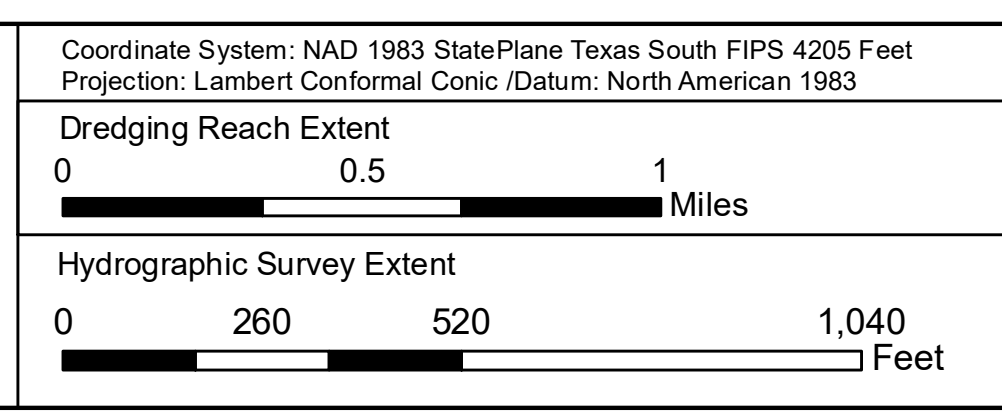
Channel Features	Aids to Navigation	MLLW
— Channel Toe	★ Lights	≥ 4
- - - Channel Center Line	▲ Red Side Aids	4 - 6
— Channel Station Lines	■ Green Side Aids	6 - 8
↔ Channel Dimensions	◆ Mooring Buoy	8 - 10
		10 - 12
		12 - 14
		14 - 16
		16 - 18
		< 18
		NOAA Bathymetry (DREDGING REACH EXTENT)
		0 - 10
		10 - 15
		15 - 20
		20 - 25
		25 - 30
		30 - 50

NOTES:

- HORIZONTAL COORDINATES ARE REFERENCED TO TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE NAD83 US SURVEY FEET.
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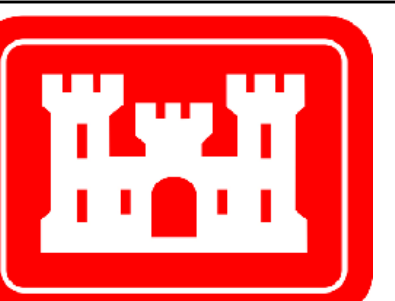


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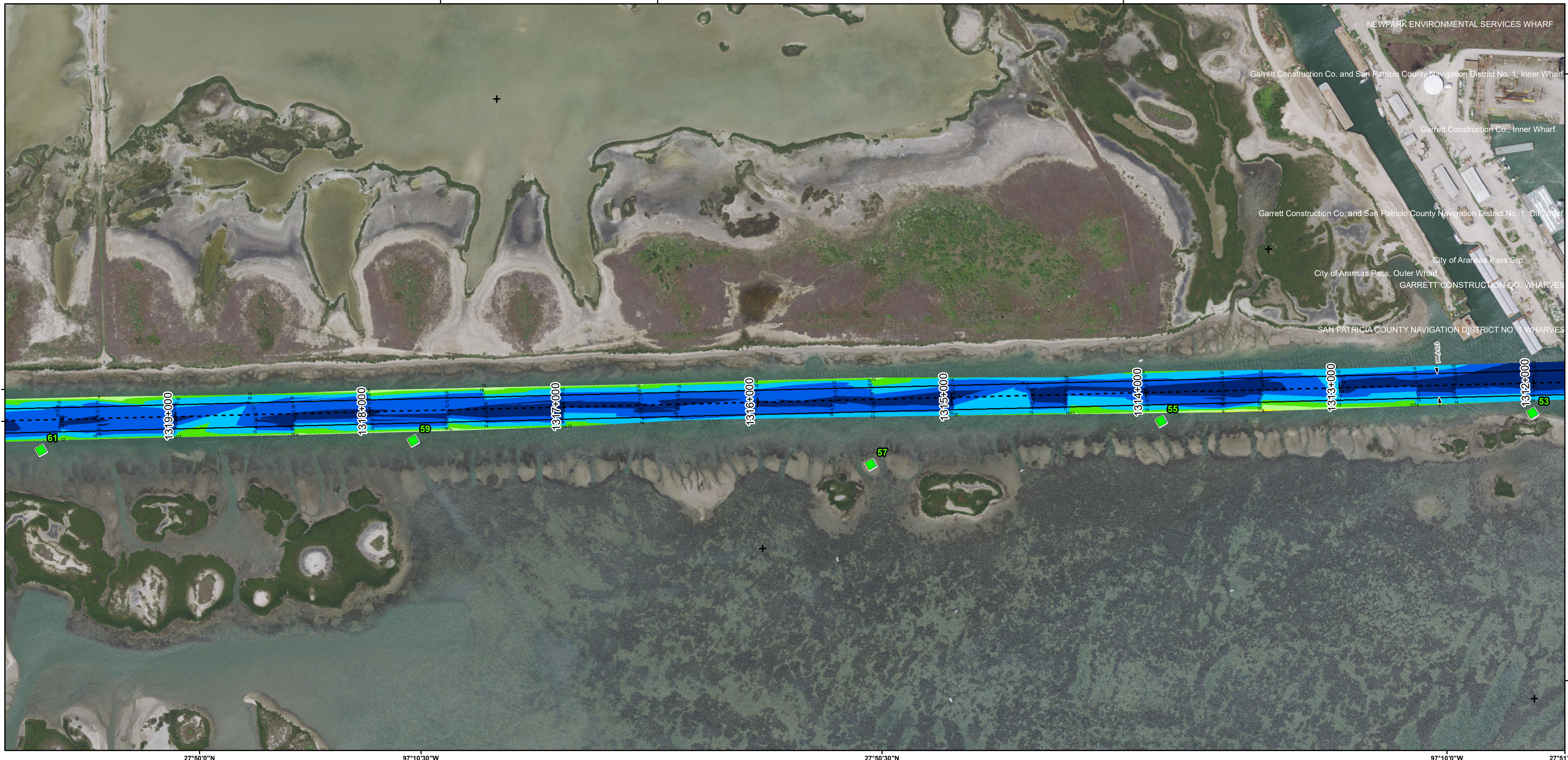
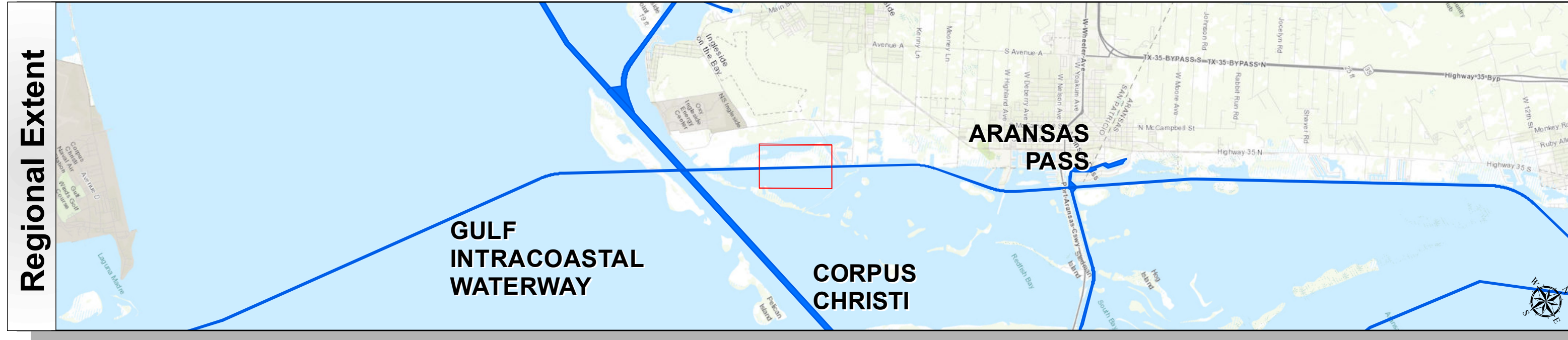


**HYDROGRAPHIC SURVEY**  
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 CORPS OF ENGINEERS  
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 Aransas Bay to  
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**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
 Aransas Pass, TEXAS

# Gulf Intracoastal Waterway: Aransas Bay to Corpus Christi Ship Channel



U.S. Army Corps of Engineers  
Galveston District



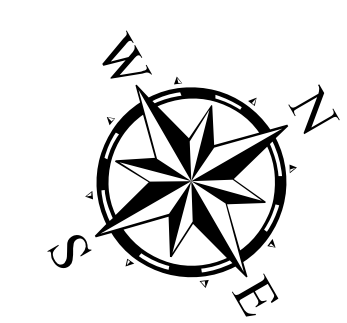
Survey Date(s): 06 May 2018	Authorized Depth: -14ft.
Page: 193 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnrvk	Print Date: 5/7/2018
Additional Info:	

Channel Features	Aids to Navigation	MLLW
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		■ 10 - 12
		■ 12 - 14
		■ 14 - 16
		■ 16 - 18
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		■ NOAA Bathymetry (DREDGING REACH EXTENT)
		■ 0 - 10
		■ 10 - 15
		■ 15 - 20
		■ 20 - 25
		■ 25 - 30
		■ 30 - 50

NOTES:

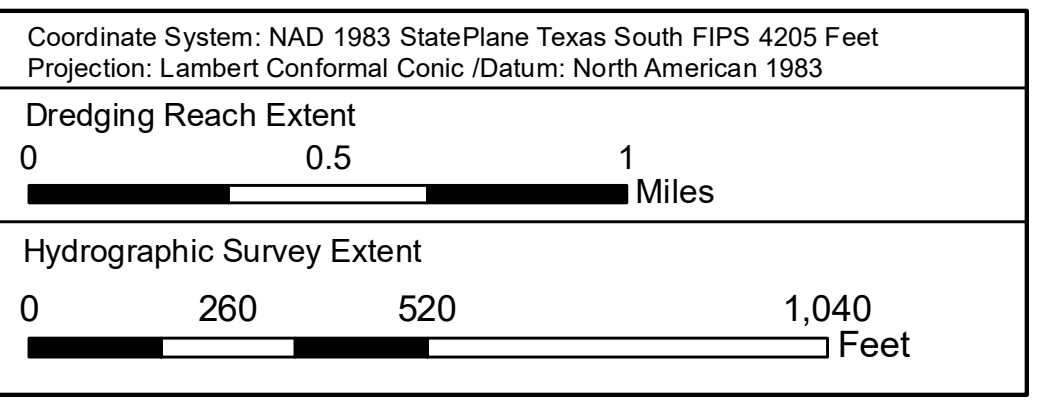
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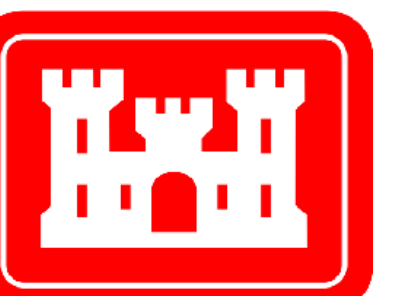
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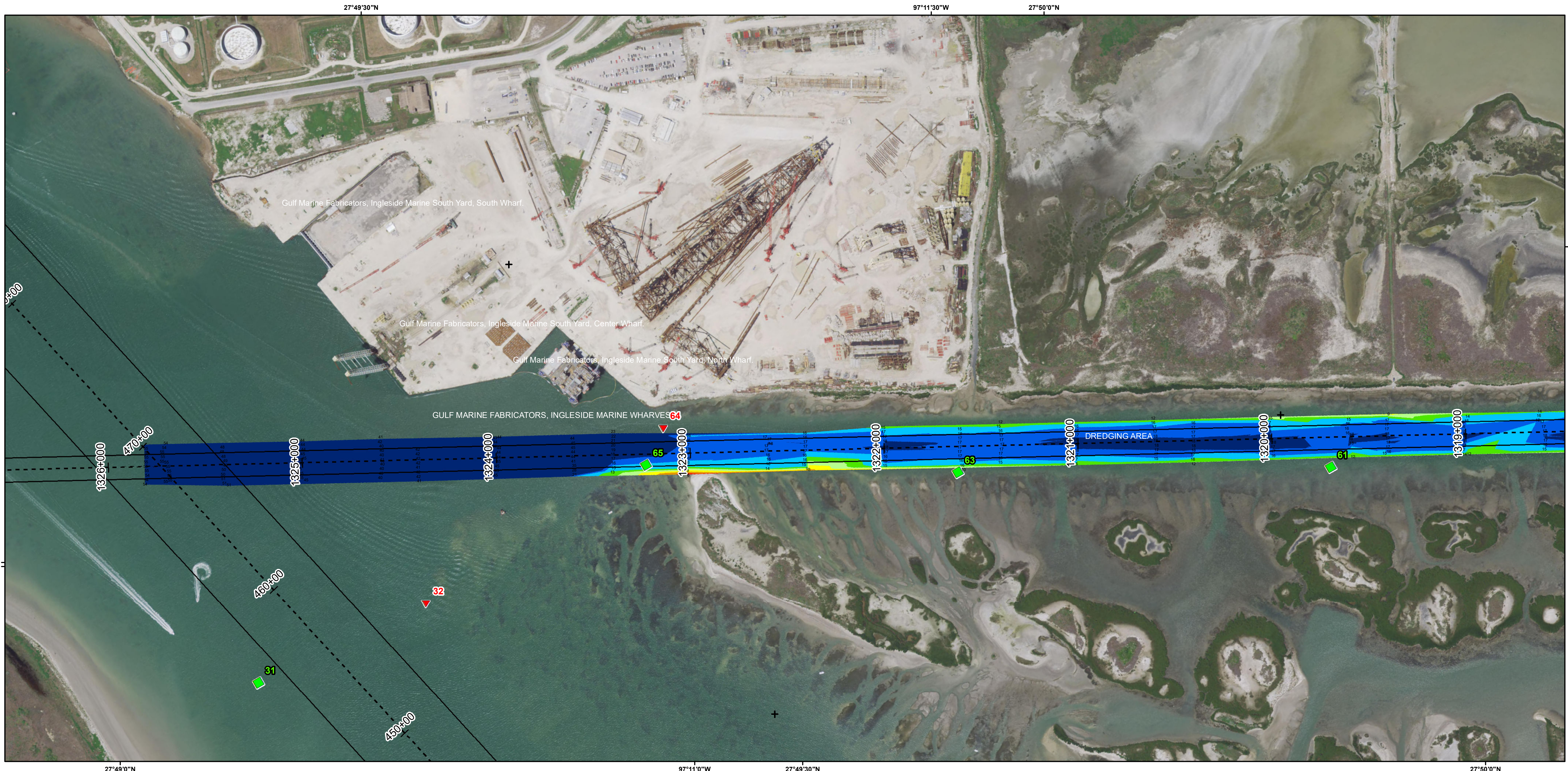
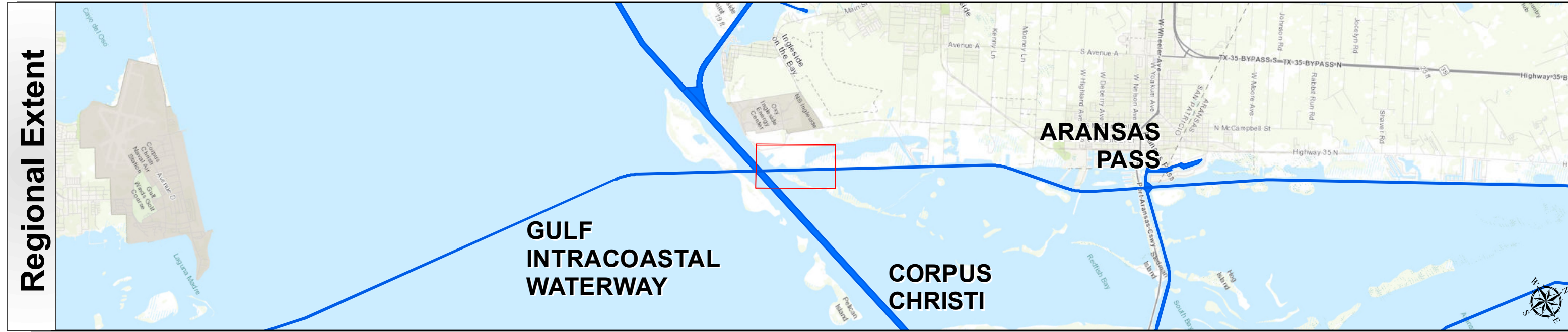


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U.S. Army Corps of Engineers  
Galveston District



Survey Date(s): 06 May 2018	Authorized Depth: -14ft.
Page: 194 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: m3odnrnk	Print Date: 5/7/2018
Additional Info:	

**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**

> 4	4 - 6	6 - 8	8 - 10	10 - 12	12 - 14	14 - 16	16 - 18	< 18
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**NOAA Bathymetry (DREDGING REACH EXTENT)**

0 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 50
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Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet  
Projection: Lambert Conformal Conic / Datum: North American 1983

**Dredging Reach Extent**

**Hydrographic Survey Extent**

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