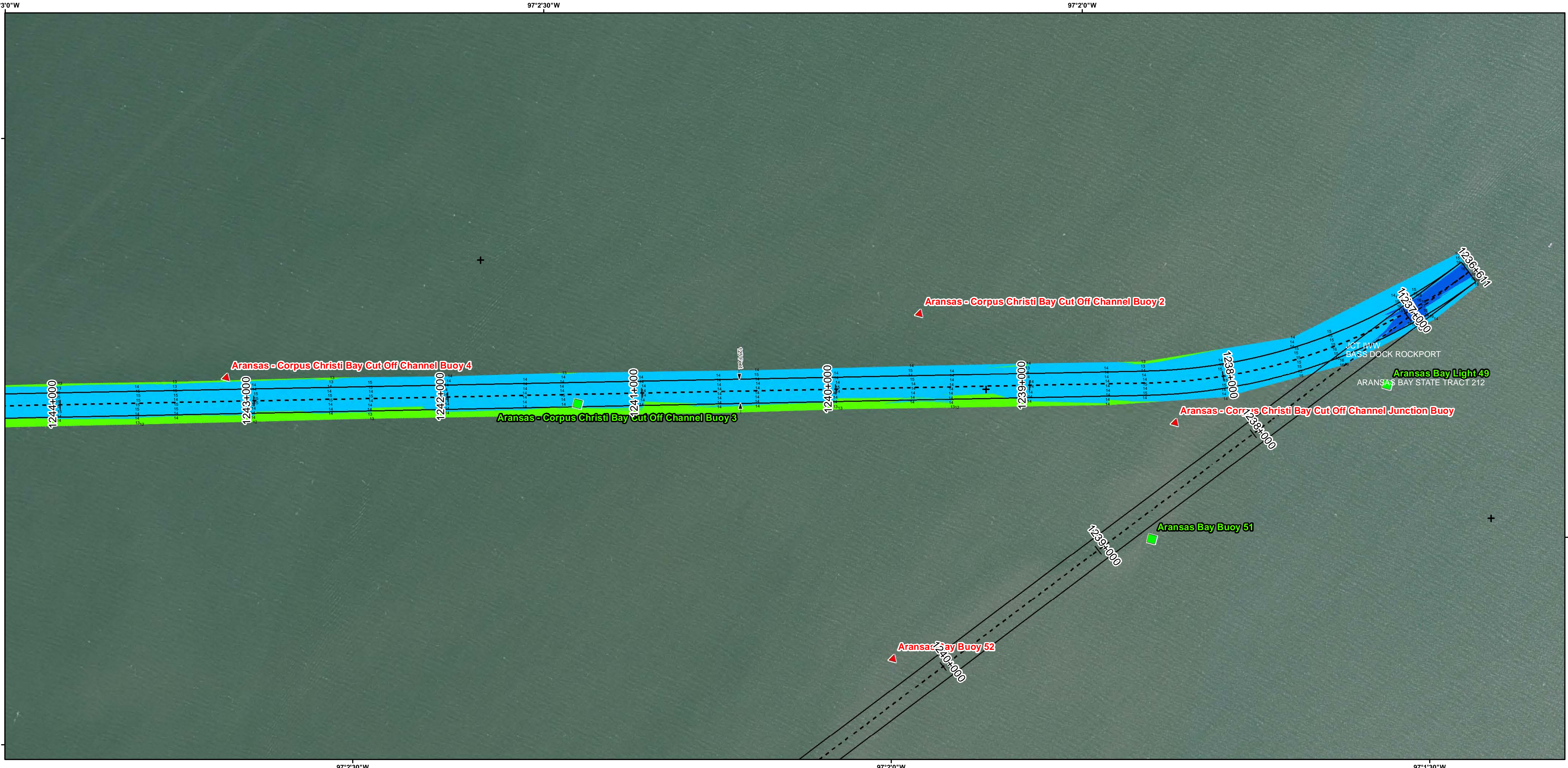


# Gulf Intracoastal Waterway: Aransas Bay to Corpus Christi Ship Channel



U.S. Army Corps of Engineers  
Galveston District

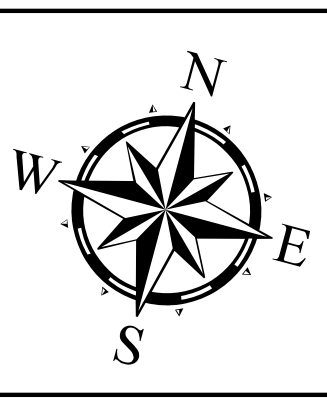


Channel Features	Aids to Navigation	MLLW
Channel Toe	★ Lights	> 4
Channel Center Line	▲ Red Side Aids	4 - 6
Channel Station Lines	■ Green Side Aids	6 - 8
Channel Dimensions	◆ Mooring Buoy	8 - 10
		10 - 12
		12 - 14
		14 - 16
		16 - 18
		< 18
		0 - 10
		10 - 15
		15 - 20
		20 - 25
		25 - 30
		30 - 50

NOTES:  
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 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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 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. NOAA NAUTICAL CHARTS PROVIDED VIA RNC MAP SERVICE

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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
NOAA Nautical Charts Extent 0 0.25 0.5 1 Miles
Hydrographic Survey Extent 0 170 340 680 1,020 Feet

Survey Date(s): 16 October 2018	Authorized Depth: -1.4ft.
Page: 181 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 10/19/2018
Additional Info:	

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

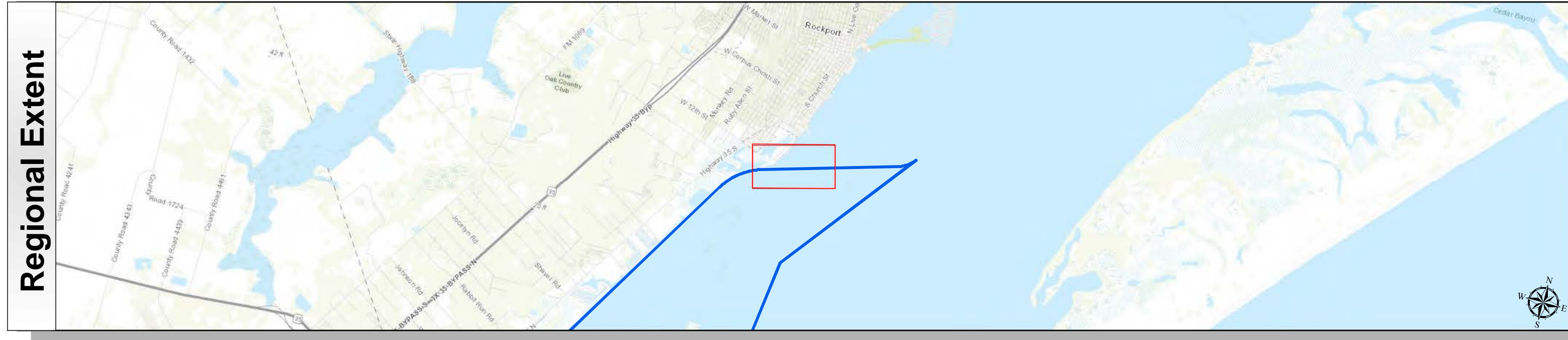
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
 Aransas Pass, TEXAS



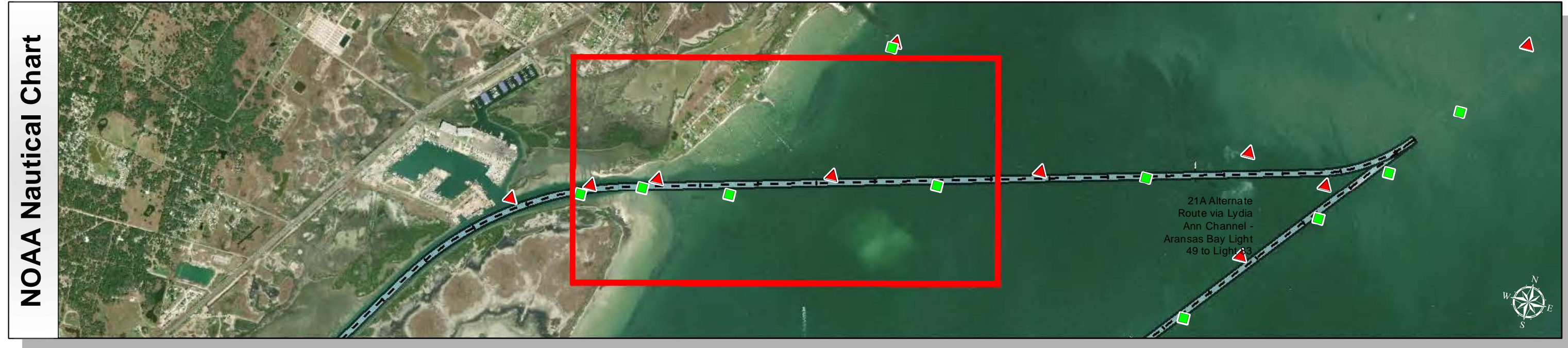
# Gulf Intracoastal Waterway: Aransas Bay to Corpus Christi Ship Channel



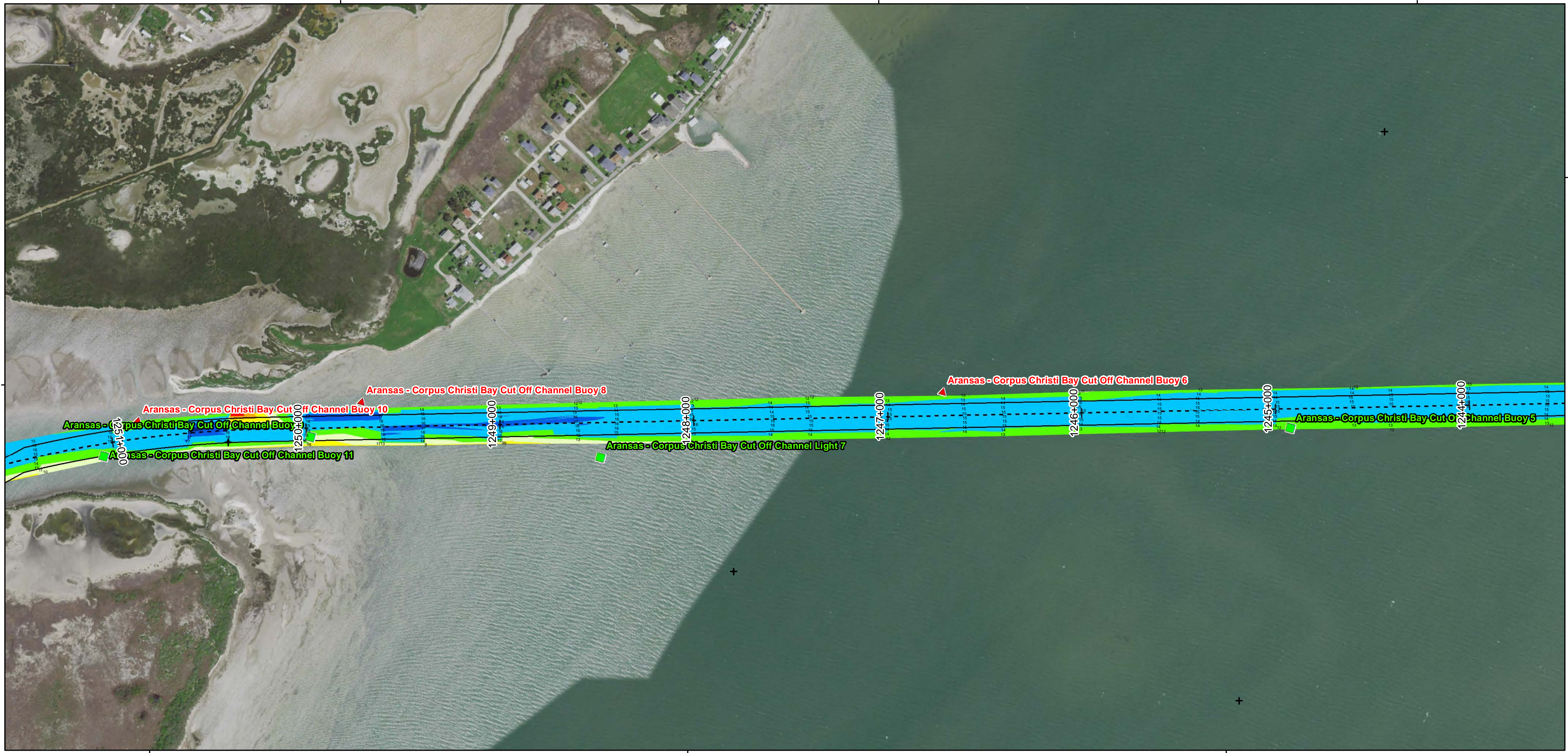
U.S. Army Corps of Engineers  
Galveston District



Regional Extent



NOAA Nautical Chart



27°59'30" N

28°0'0" N

97°4'0" W

97°3'30" W

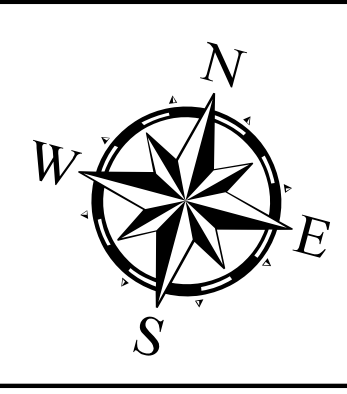
97°3'0" W

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

NOTES:  
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NOAA Nautical Charts Extent 0 0.25 0.5 1 Miles
Hydrographic Survey Extent 0 170 340 680 1,020 Feet

Survey Date(s): 16 October 2018	Authorized Depth: -1.4ft.
Page: 182 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 10/19/2018
Additional Info:	

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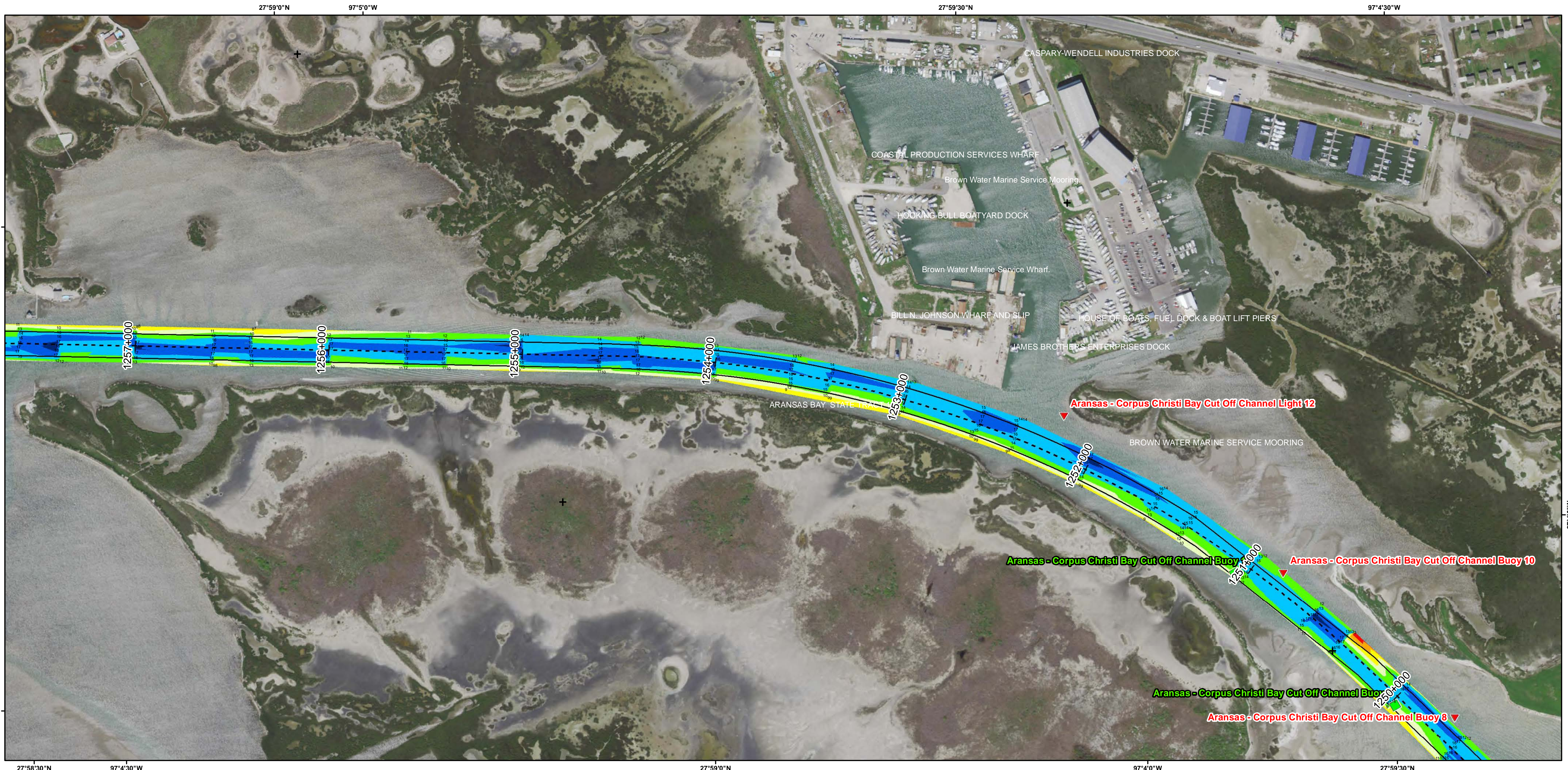
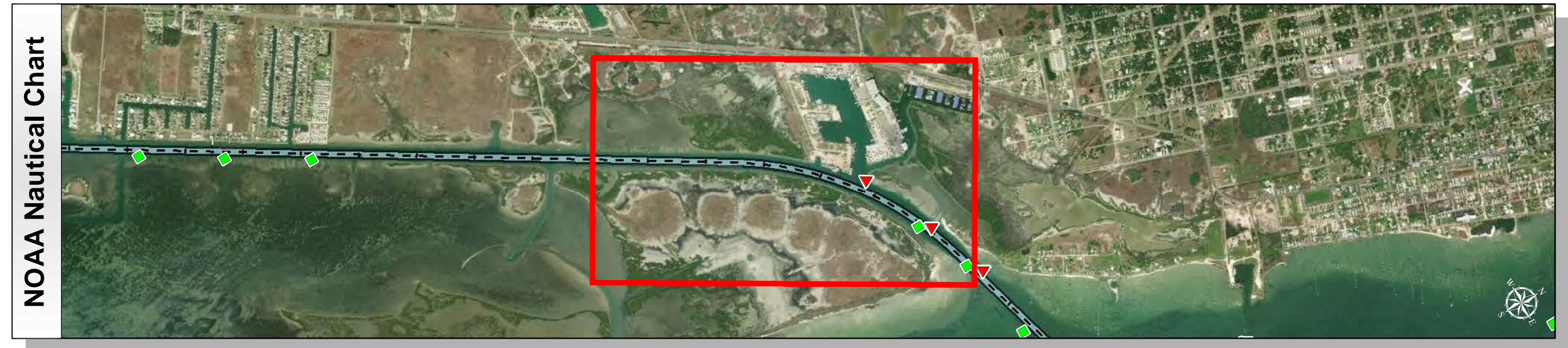
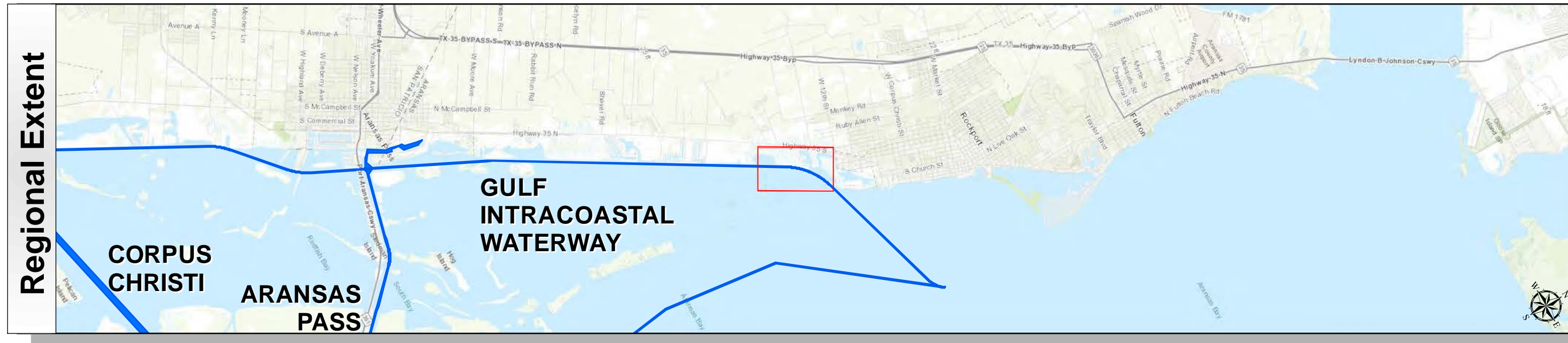
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
 Aransas Pass, TEXAS



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



U.S. Army Corps of Engineers  
Galveston District



Channel Features	Aids to Navigation	MLLW
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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Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic /Datum: North American 1983	
NOAA Nautical Chart Extent	0 0.25 0.5 1 Miles
Hydrographic Survey Extent	0 170 340 680 1,020 Feet

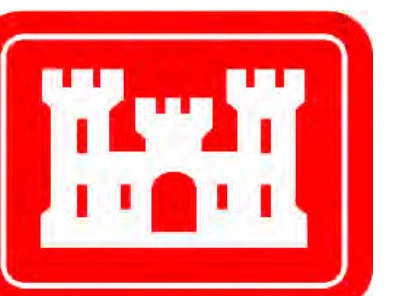
Survey Date(s): 16 October 2018	Authorized Depth: -14ft.
Page: 183 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOXAPAC	Print Date: 10/19/2018
Additional Info:	

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

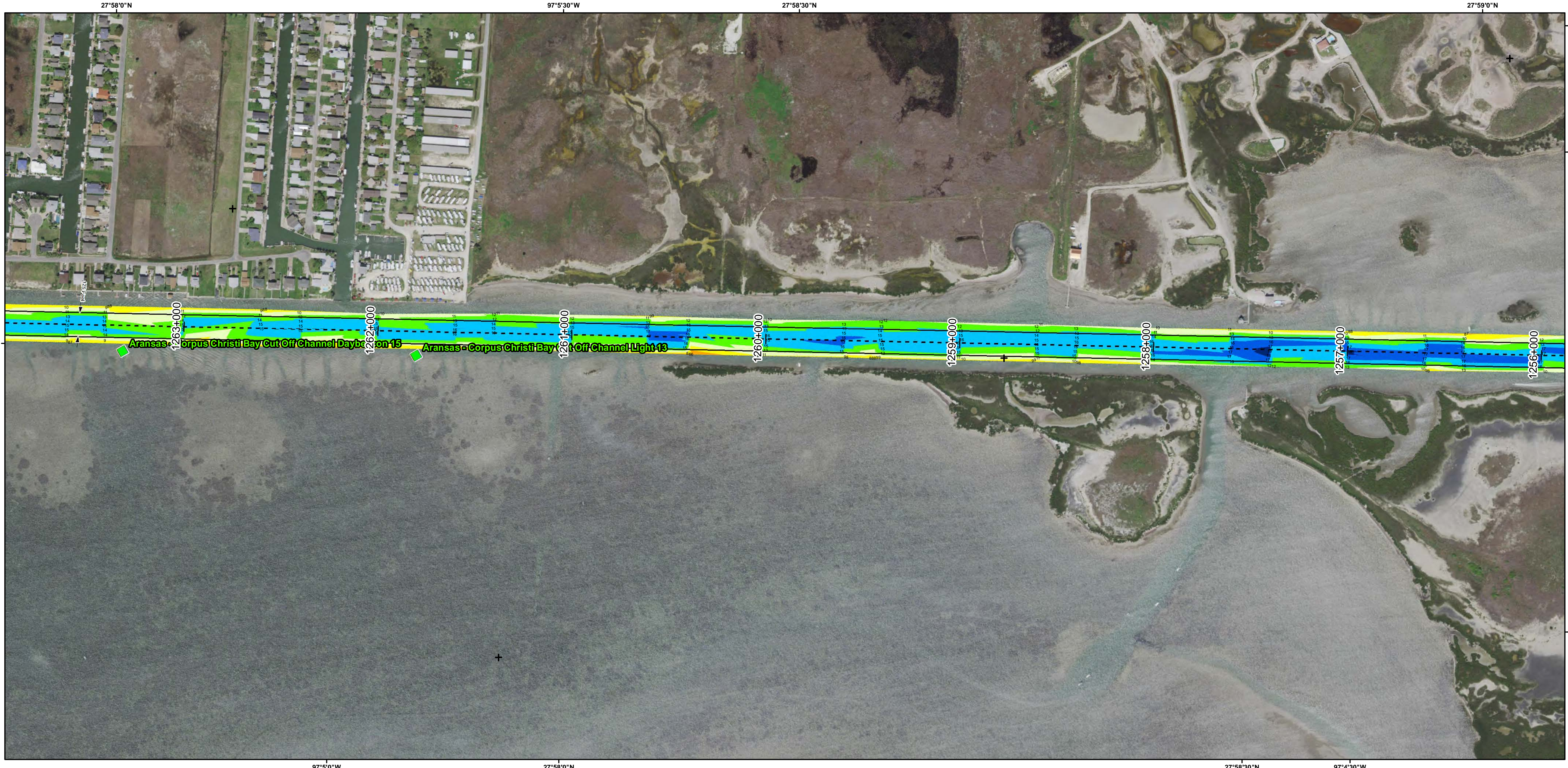
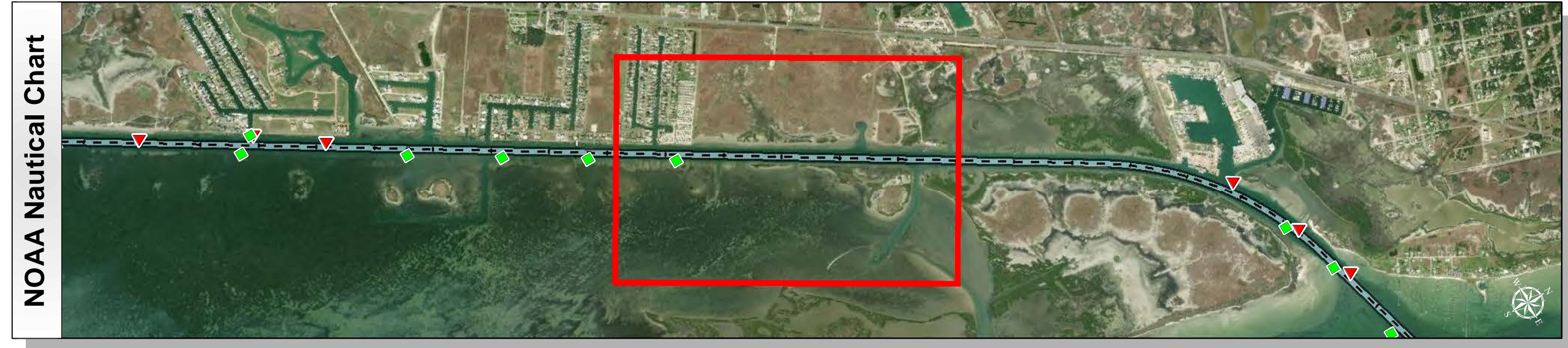
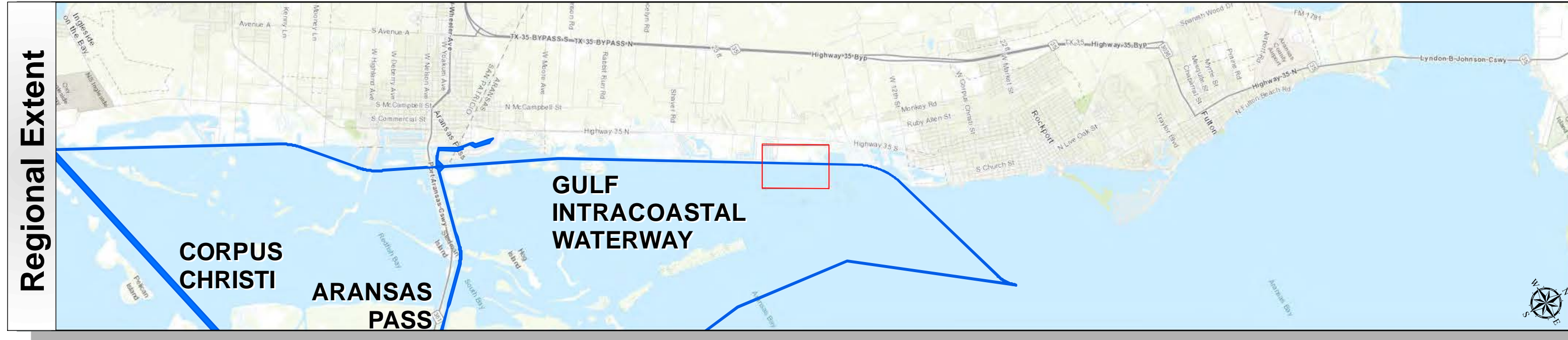
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
Aransas Pass, TEXAS



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



U.S. Army Corps of Engineers  
Galveston District



Survey Date(s): 16 October 2018	Authorized Depth: -1.4ft.
Page: 184 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 10/19/2018
Additional Info:	

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

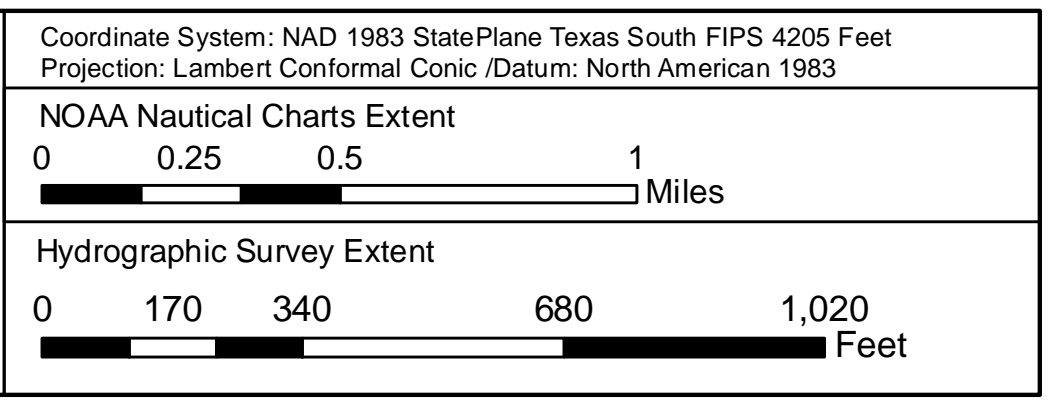
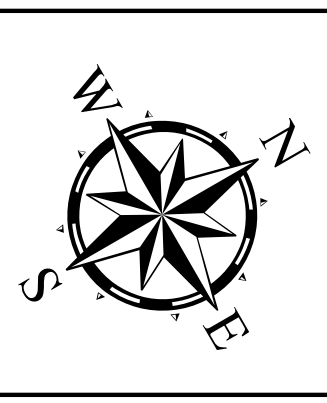
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U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

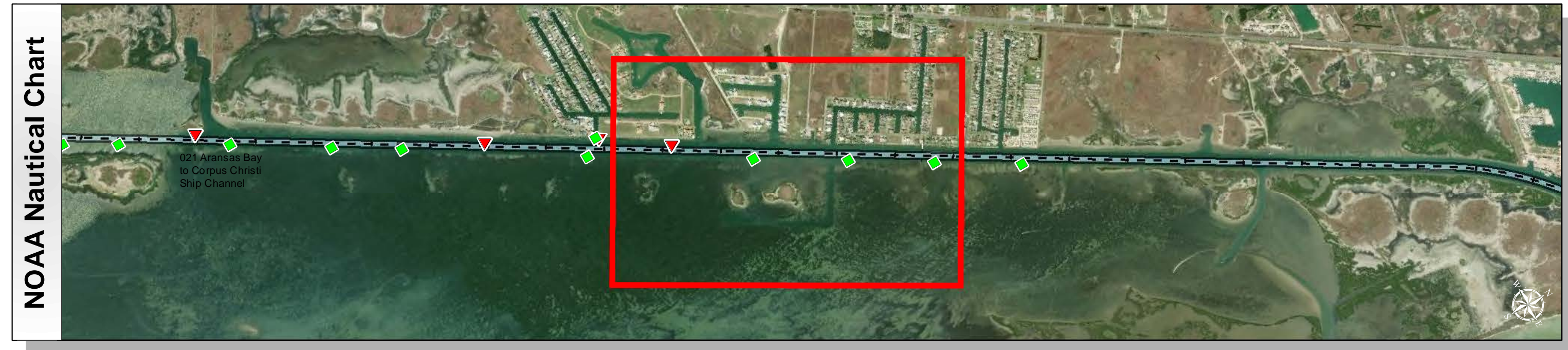
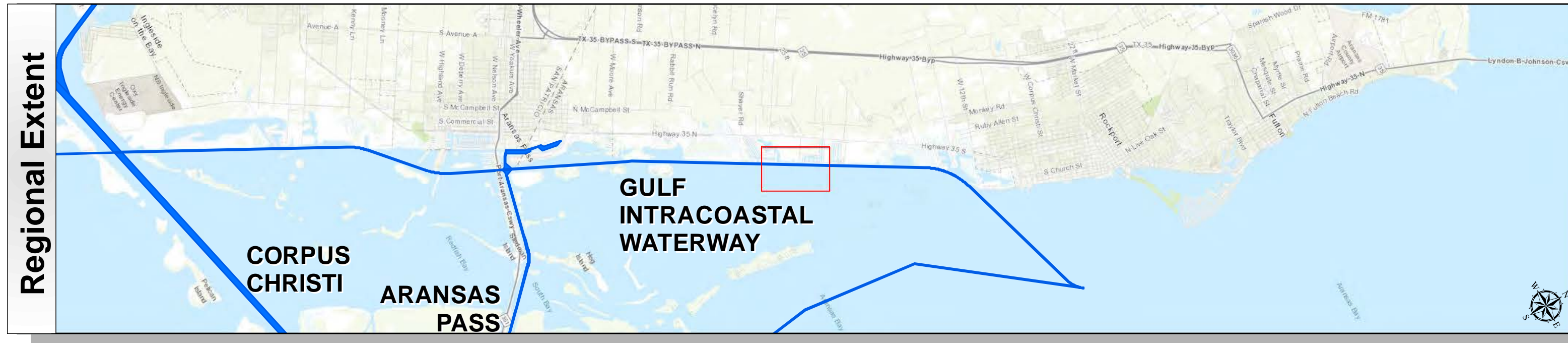
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
Aransas Pass, TEXAS



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



U.S. Army Corps of Engineers  
Galveston District



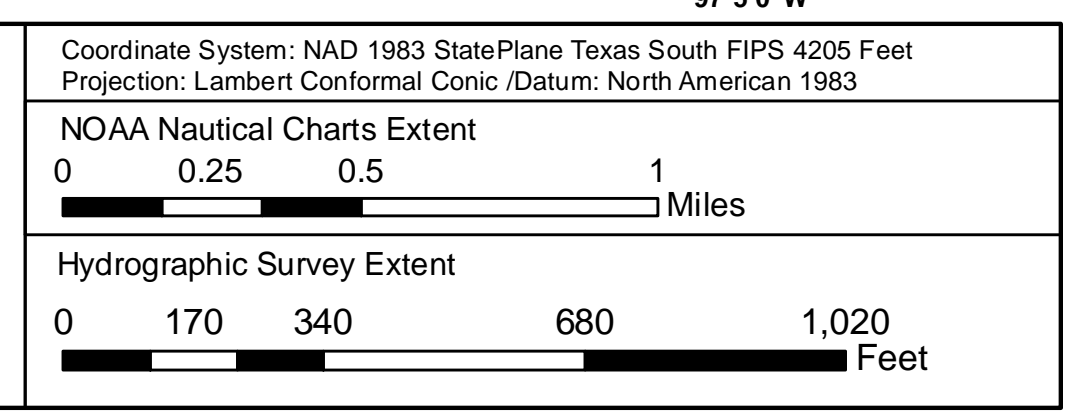
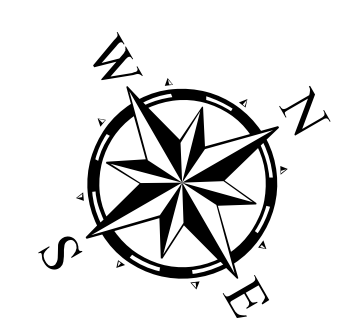
Survey Date(s): 16 October 2018	Authorized Depth: -1.4ft.
Page: 185 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 10/19/2018
Additional Info:	

Channel Features	Aids to Navigation	MLLW
— Channel Toe	★ Lights	Color scale for depth (0-18)
- - - Channel Center Line	▲ Red Side Aids	NOAA Bathymetry (DREDGING REACH EXTENT)
— Channel Station Lines	■ Green Side Aids	0 - 10 10 - 15 15 - 20 20 - 25 25 - 30 30 - 50
↔ Channel Dimensions	◆ Mooring Buoy	

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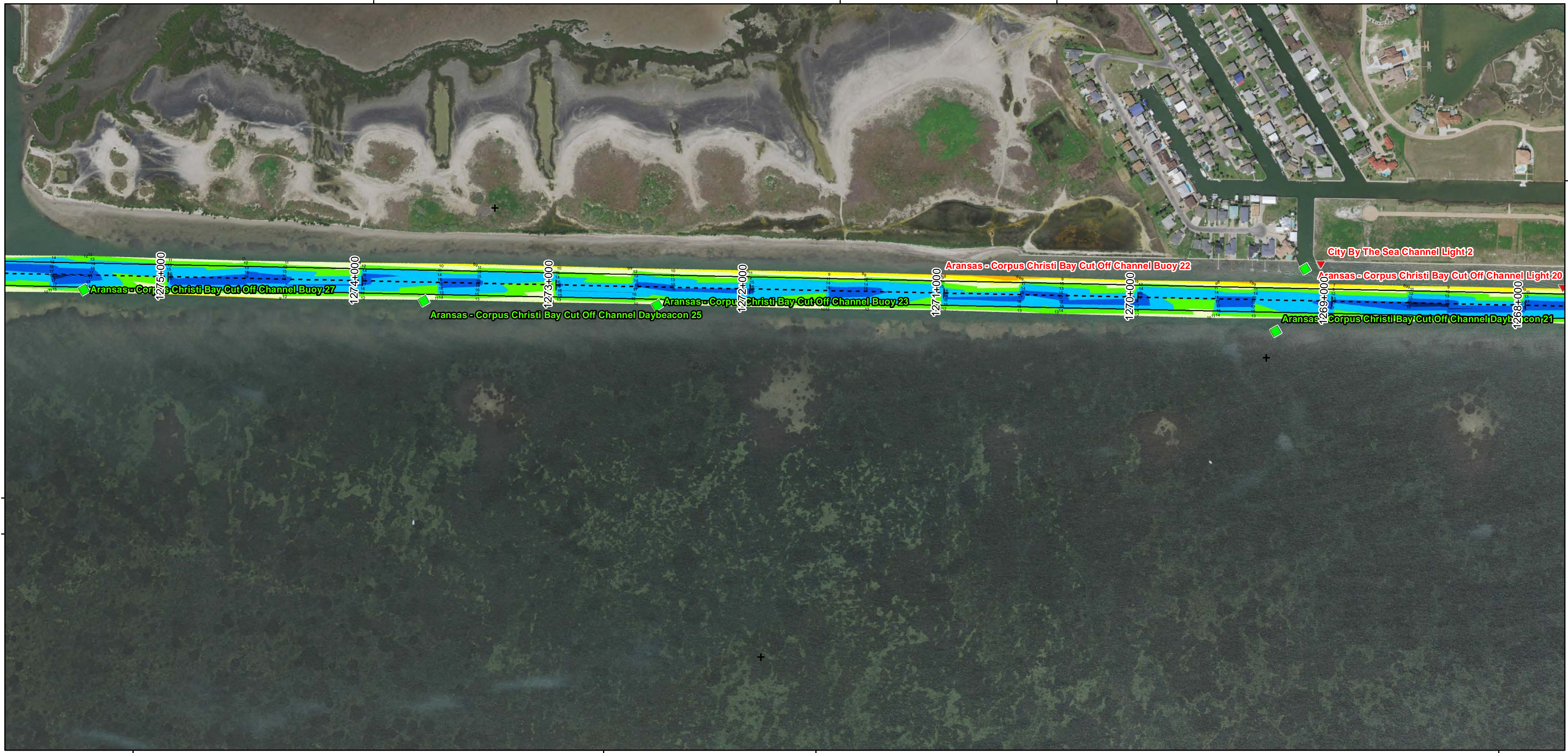
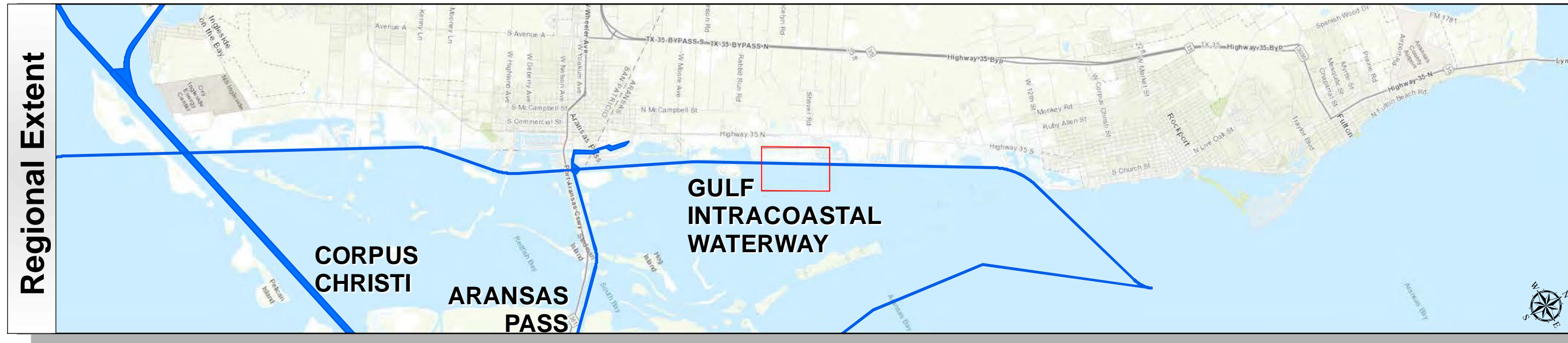
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U.S. Army Corps of Engineers  
Galveston District



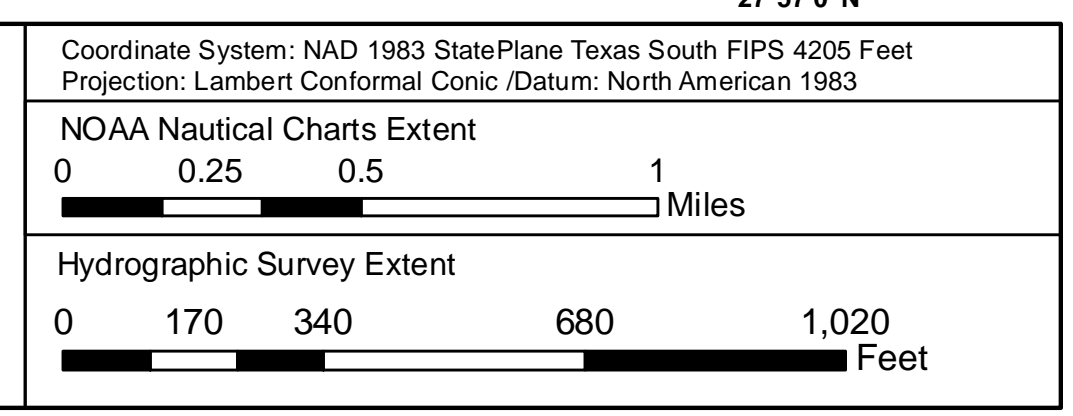
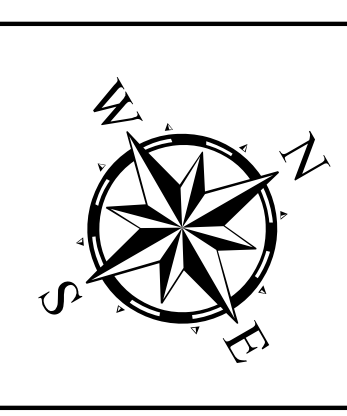
Survey Date(s): 16 October 2018	Authorized Depth: -14ft.
Page: 186 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 10/19/2018
Additional Info:	

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
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		16 - 18
		< 18
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		25 - 30
		30 - 50

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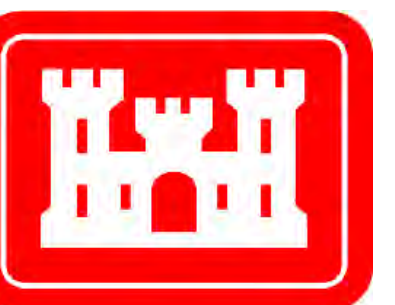


**HYDROGRAPHIC SURVEY**  
U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
GALVESTON, TEXAS

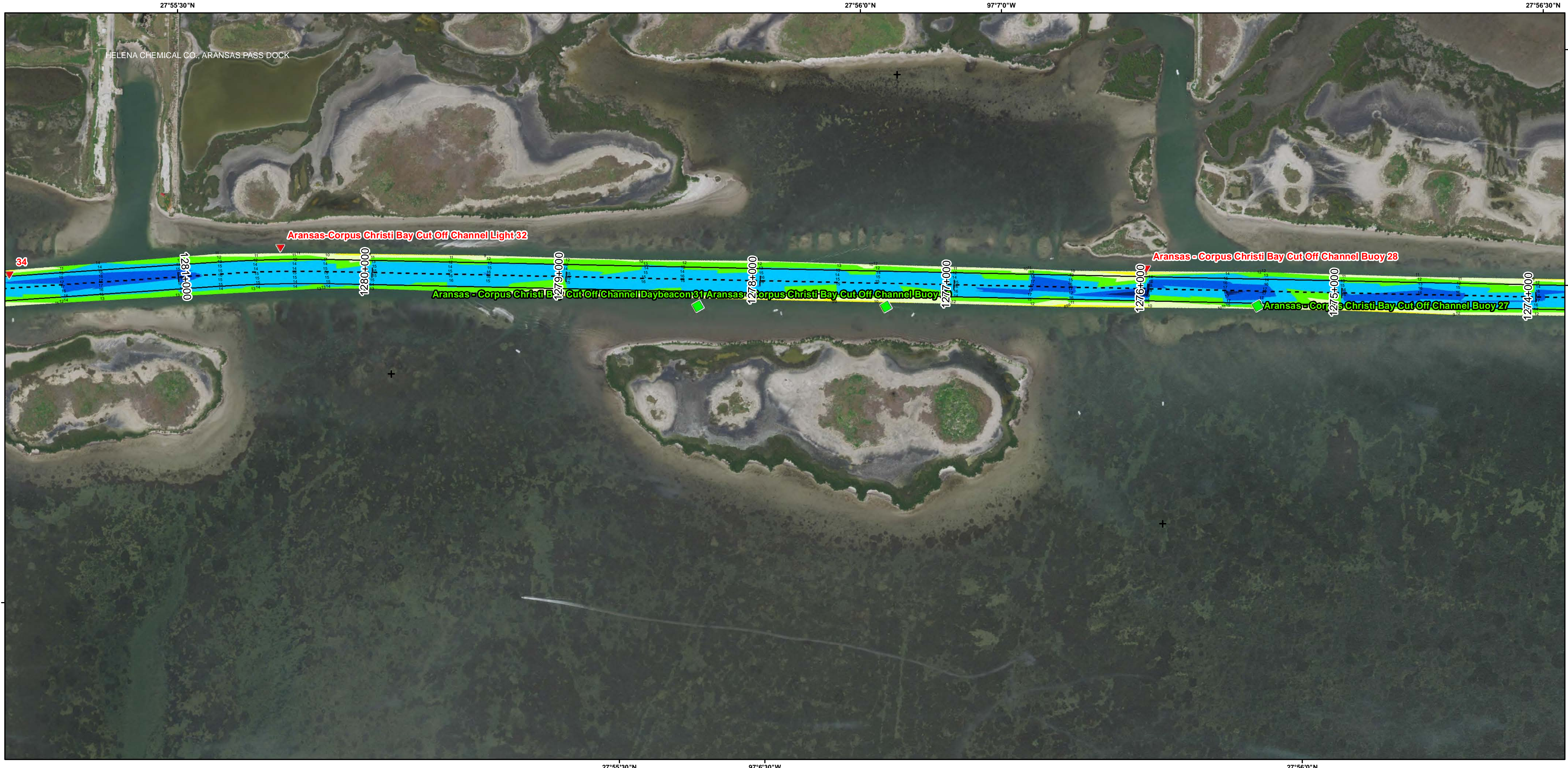
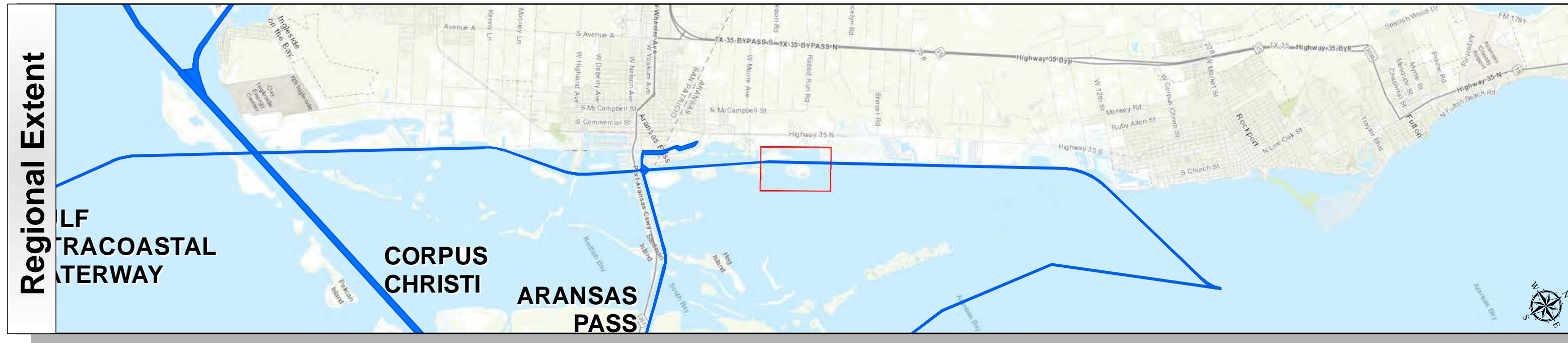
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
Aransas Pass, TEXAS



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



U.S. Army Corps of Engineers  
Galveston District



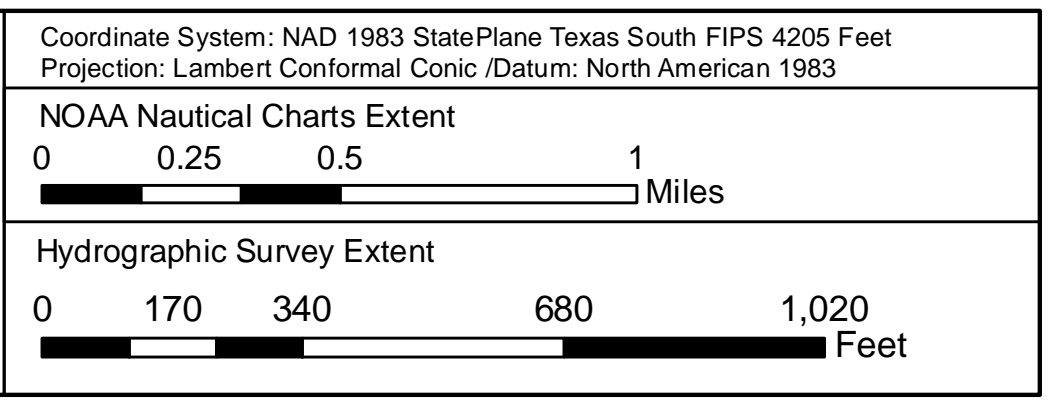
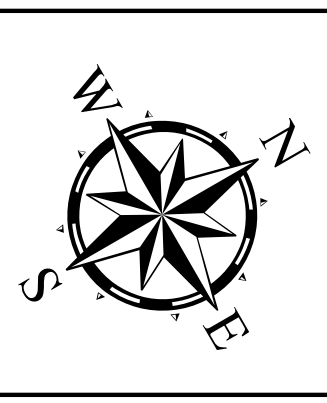
Survey Date(s): 16 October 2018	Authorized Depth: -14ft.
Page: 187 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOXAPAC	Print Date: 10/19/2018
Additional Info:	

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

NOTES:

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

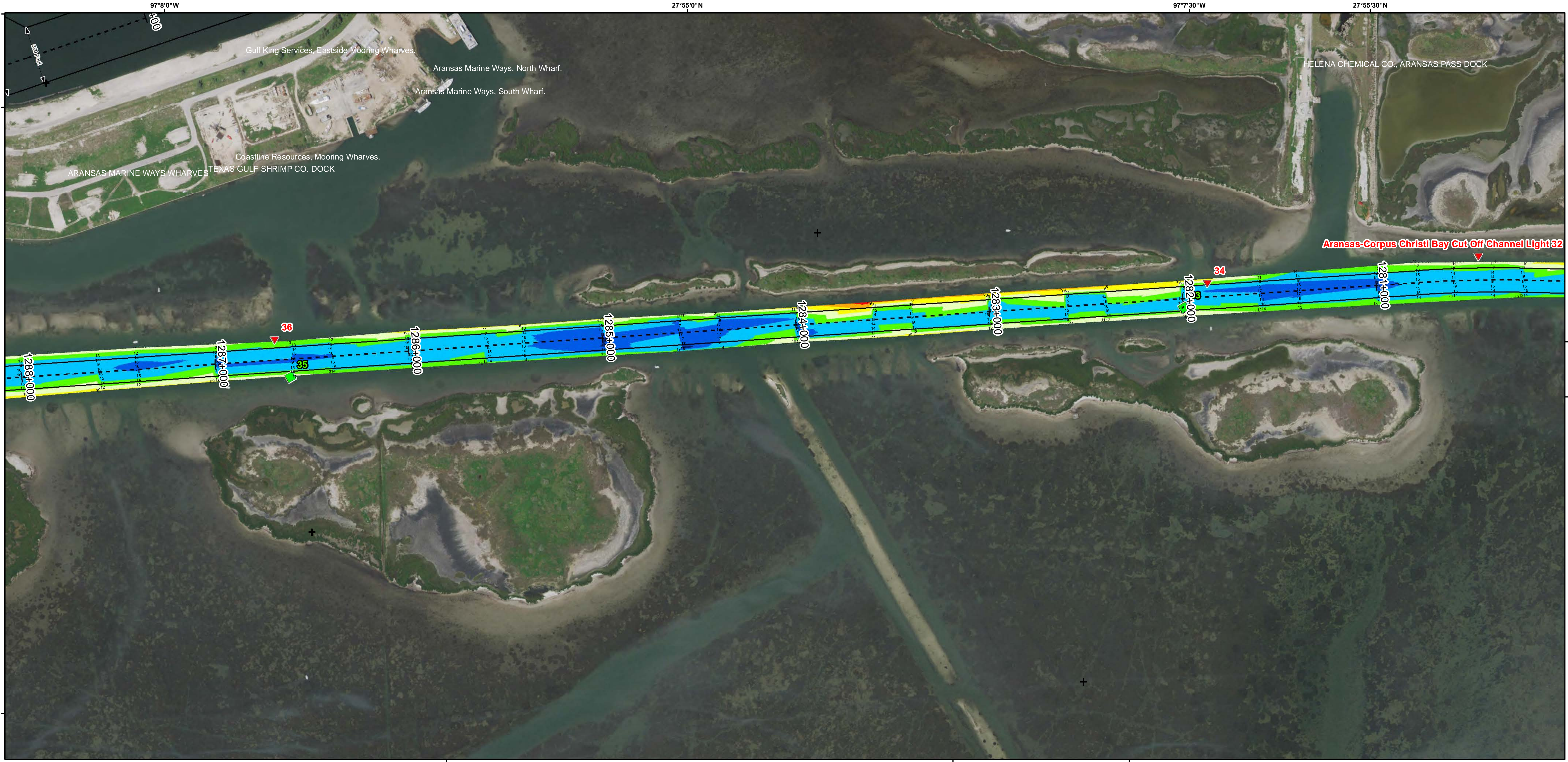
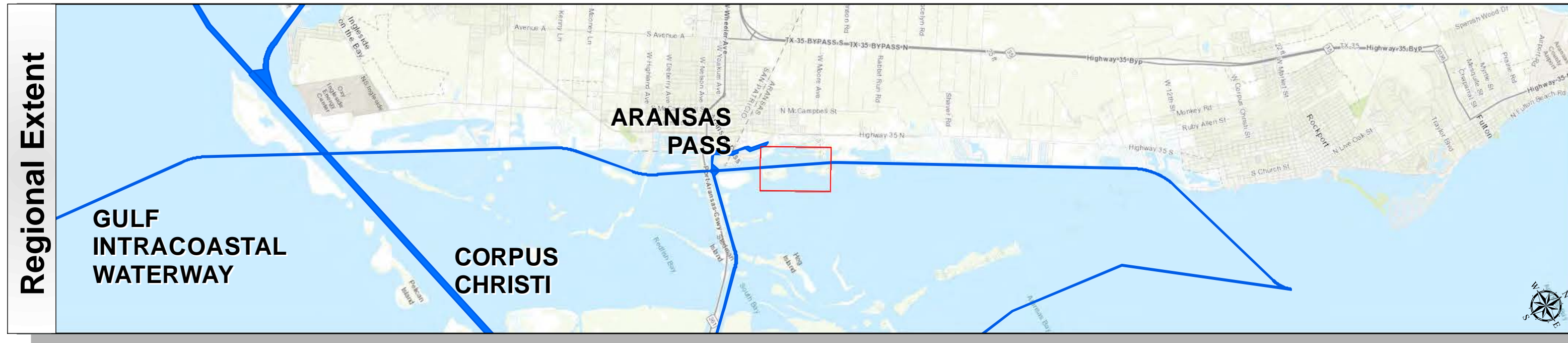
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
Aransas Pass, TEXAS



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



U.S. Army Corps of Engineers  
Galveston District



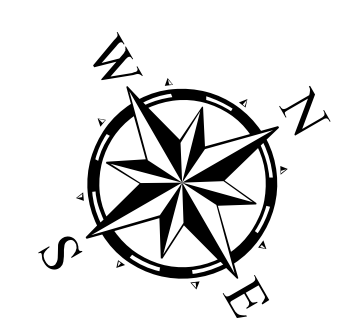
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Page: 188 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOXFAC	Print Date: 10/19/2018
Additional Info:	

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

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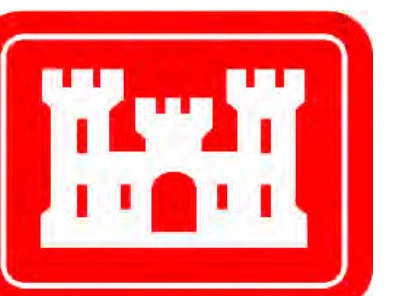
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NOAA Nautical Charts Extent	
0	0.25 0.5 1 Miles
Hydrographic Survey Extent	
0	170 340 680 1,020 Feet

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

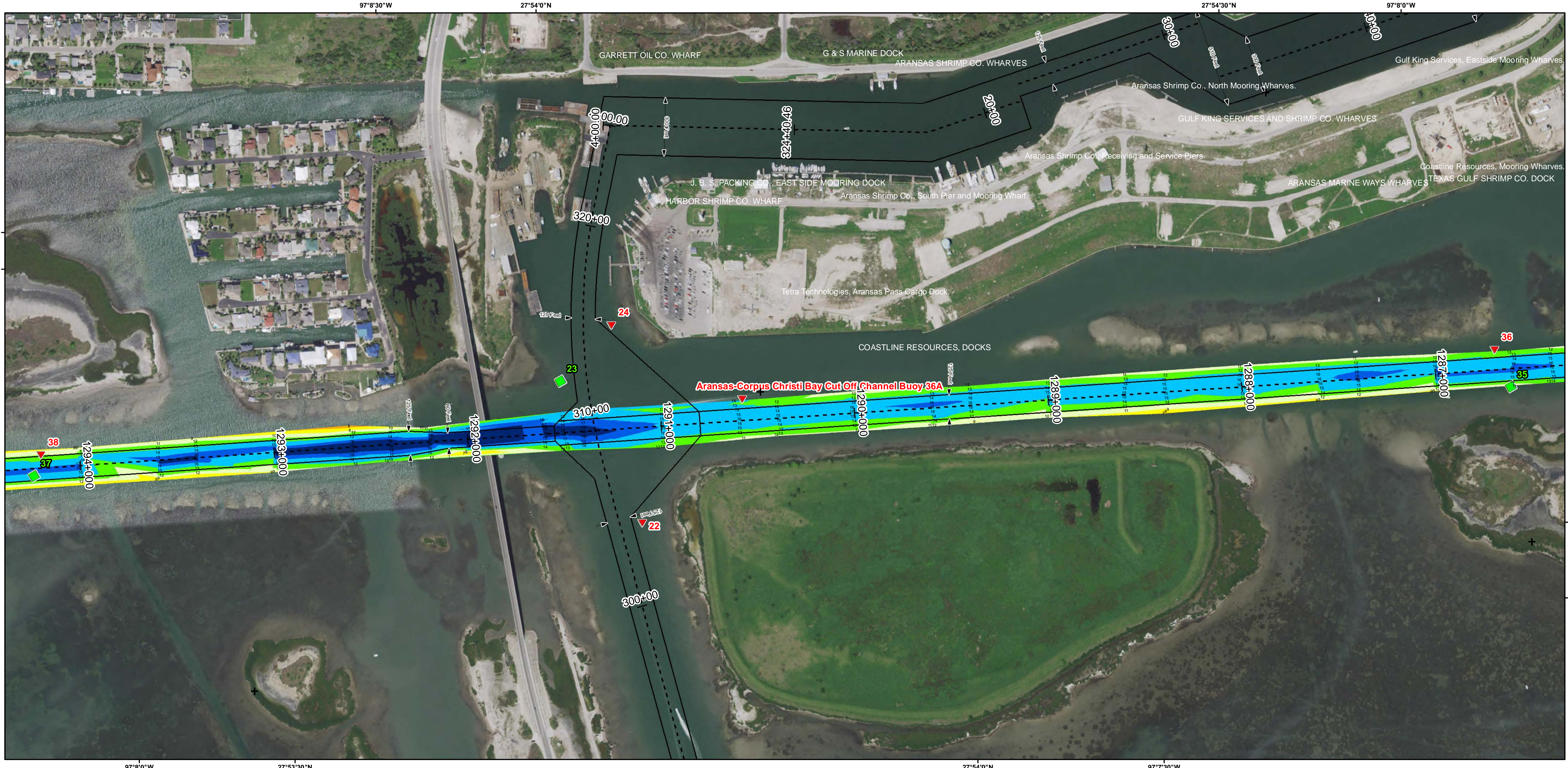
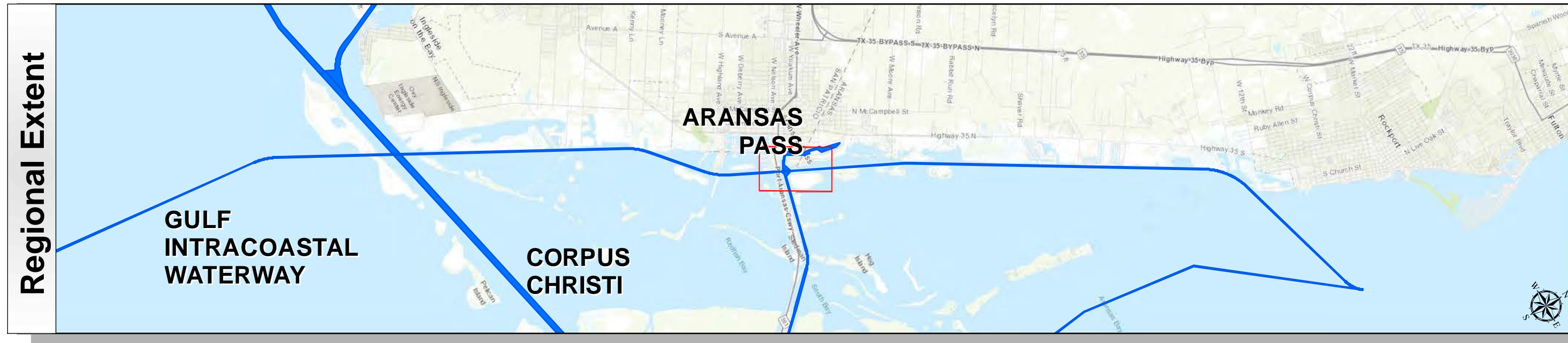
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
Aransas Pass, TEXAS



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



U.S. Army Corps of Engineers  
Galveston District



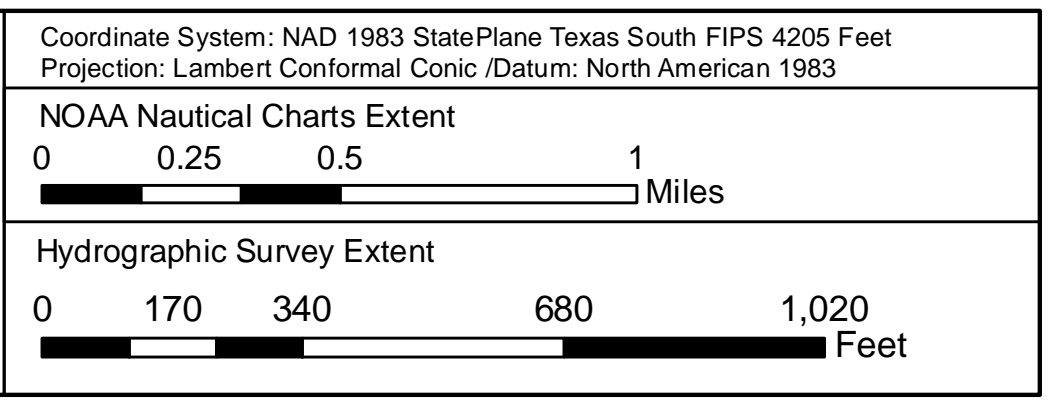
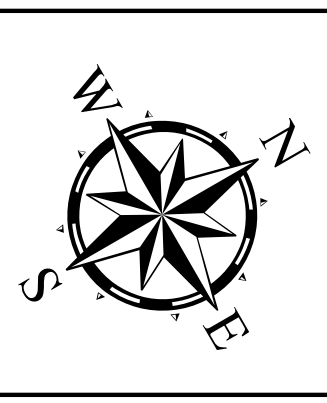
Survey Date(s): 16 October 2018	Authorized Depth: -14ft.
Page: 189 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 10/19/2018
Additional Info:	

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

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

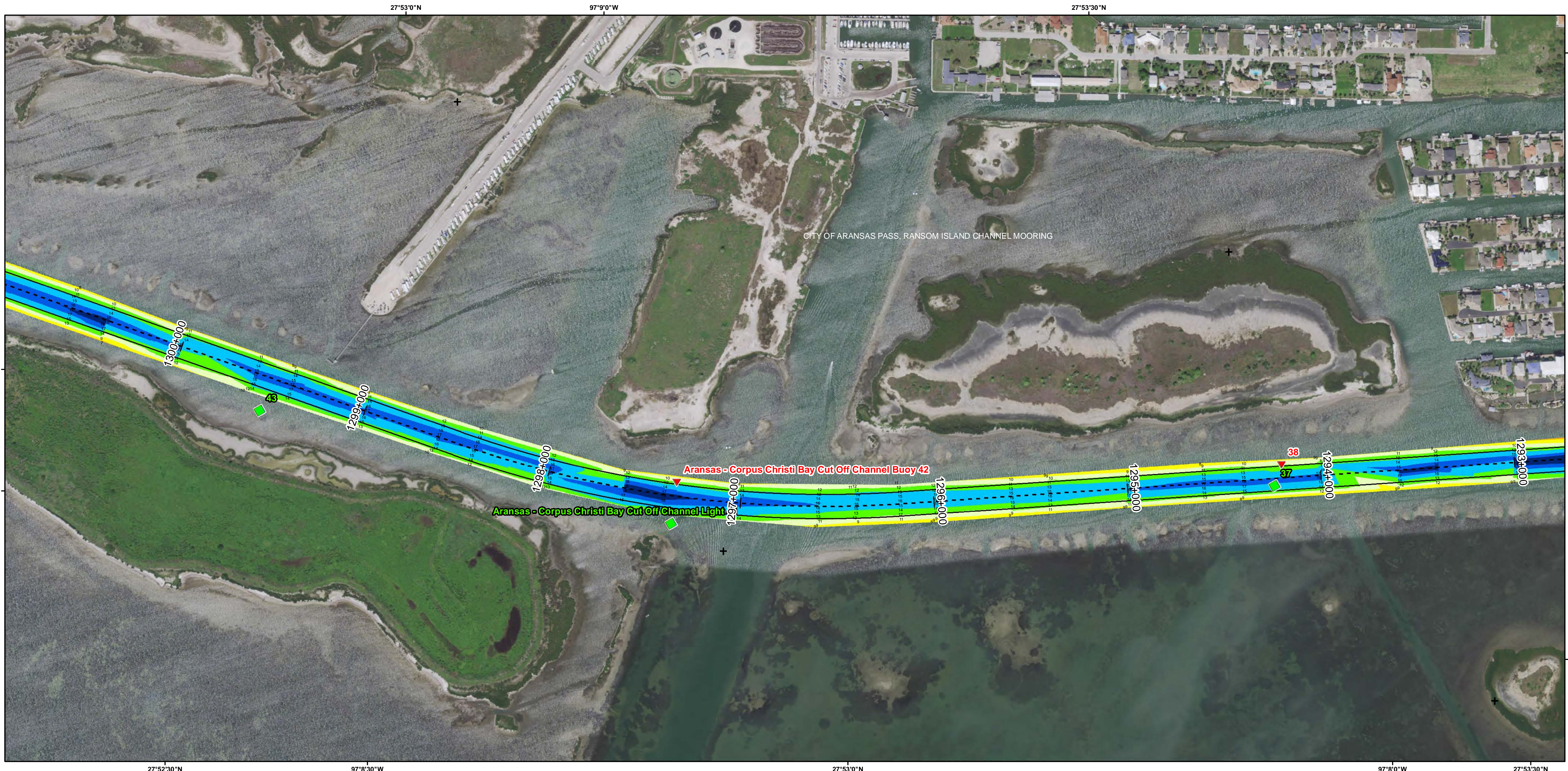
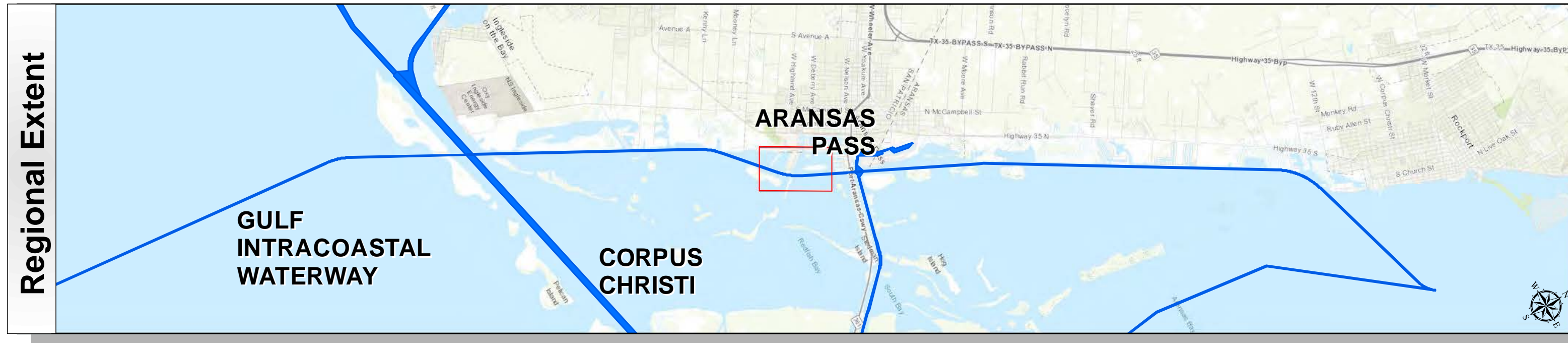
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
 Aransas Pass, TEXAS



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



U.S. Army Corps of Engineers  
Galveston District



Survey Date(s): 16 October 2018	Authorized Depth: -14ft.
Page: 190 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 10/19/2018
Additional Info:	

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

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Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic /Datum: North American 1983
NOAA Nautical Charts Extent 0 0.25 0.5 1 Miles
Hydrographic Survey Extent 0 170 340 680 1,020 Feet

**HYDROGRAPHIC SURVEY**  
 U.S. ARMY ENGINEER DISTRICT  
 CORPS OF ENGINEERS  
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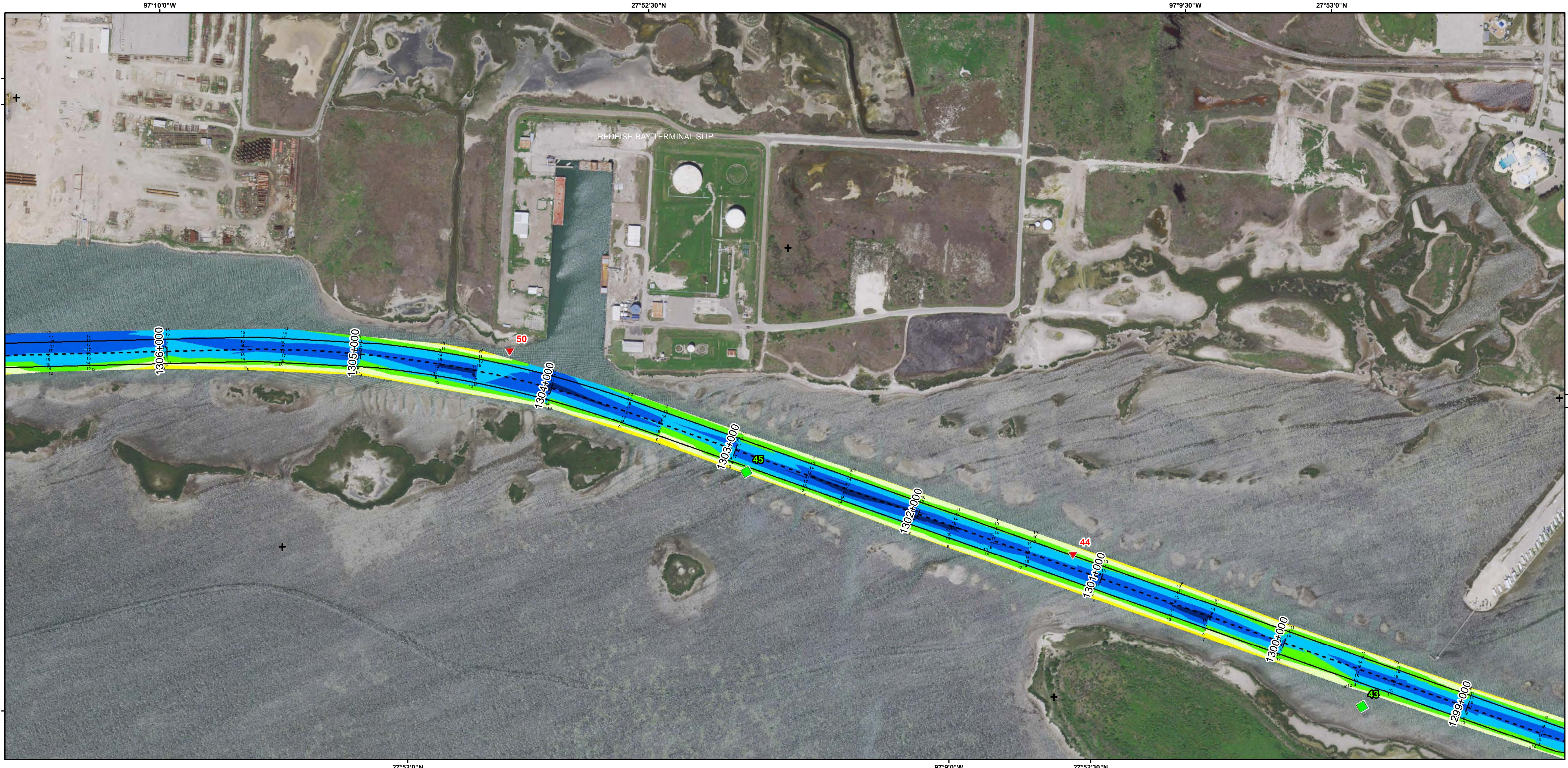
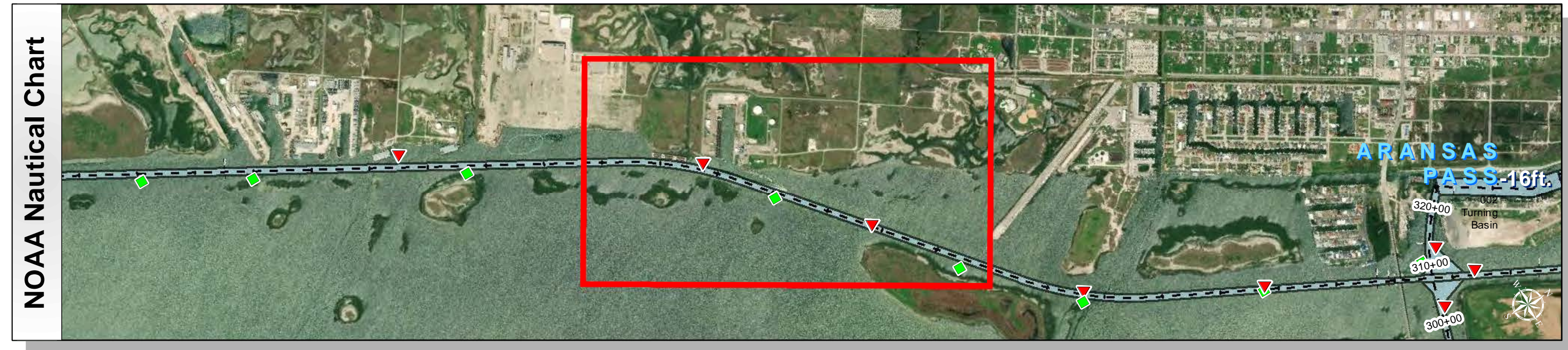
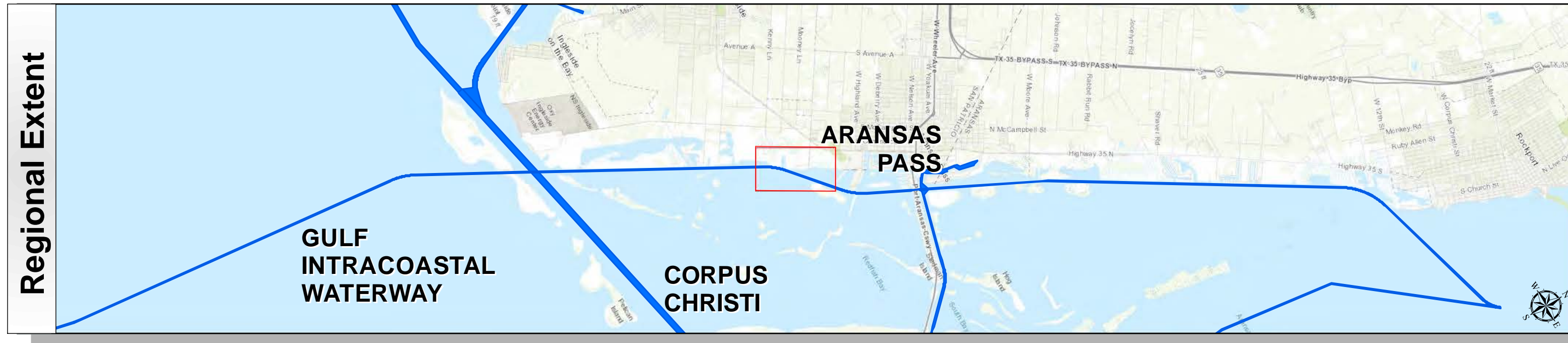
**Station: 1326+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
 Aransas Pass, TEXAS



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



U.S. Army Corps of Engineers  
Galveston District



Survey Date(s): 16 October 2018	Authorized Depth: -14ft.
Page: 191 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOXAPAC	Print Date: 10/19/2018
Additional Info:	

Channel Features	Aids to Navigation	MLLW
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↔ 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
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		30 - 50

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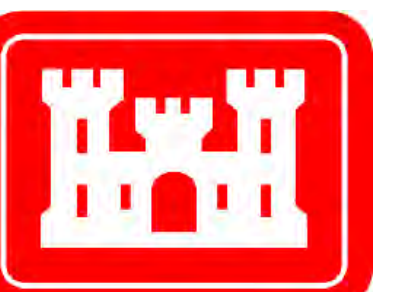
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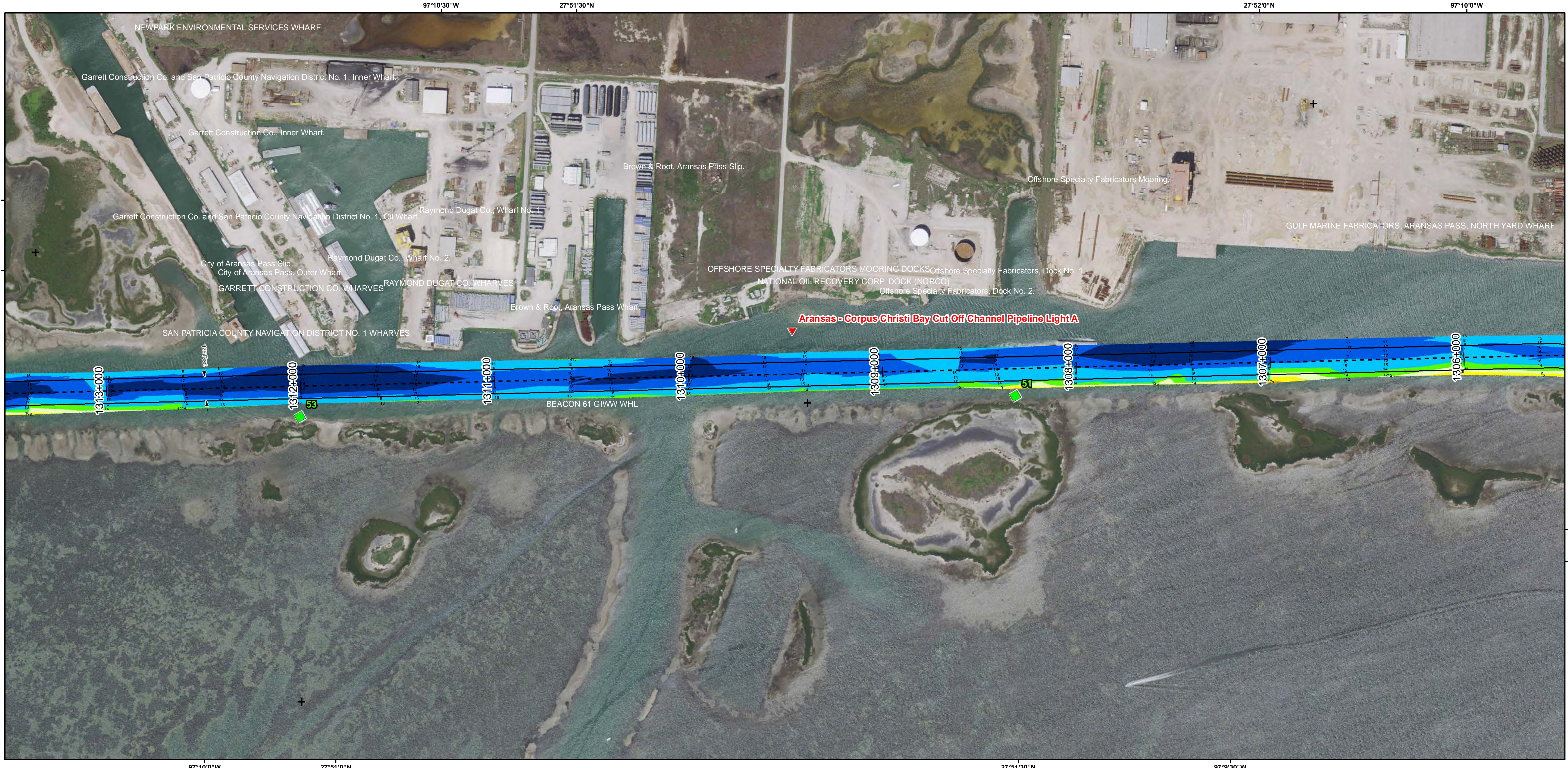
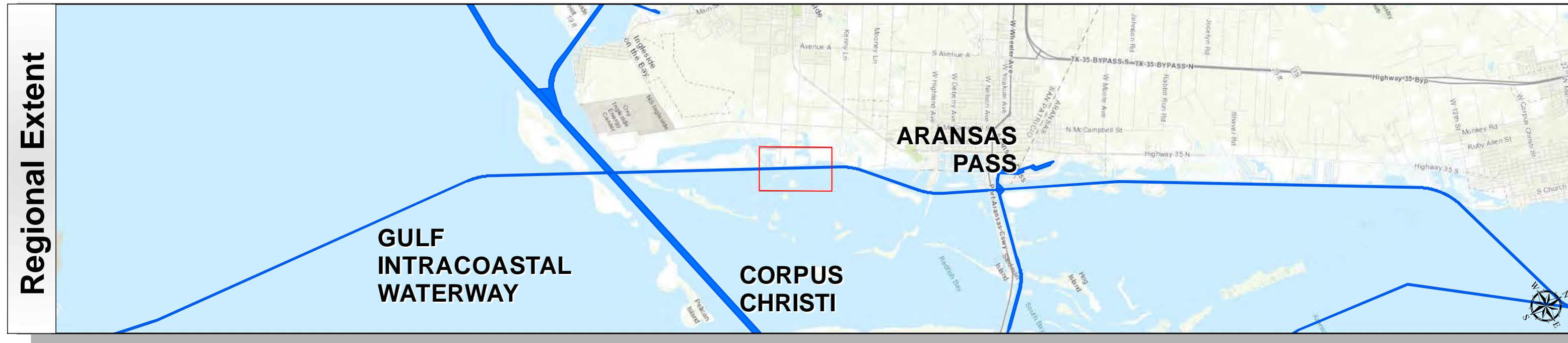
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Aransas Pass, TEXAS



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



U.S. Army Corps of Engineers  
Galveston District



Survey Date(s): 16 October 2018	Authorized Depth: -14ft.
Page: 192 of 14	Side Slope Ratio: (Rise : Run)
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Map:	Print Date: 10/19/2018
Maped by: MSAOX PAC	
Additional Info:	

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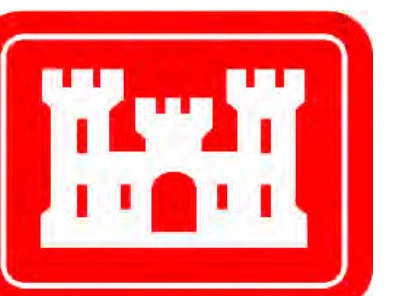
Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic / Datum: North American 1983	
NOAA Nautical Charts Extent	0 0.25 0.5 1 Miles
Hydrographic Survey Extent	0 170 340 680 1,020 Feet

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

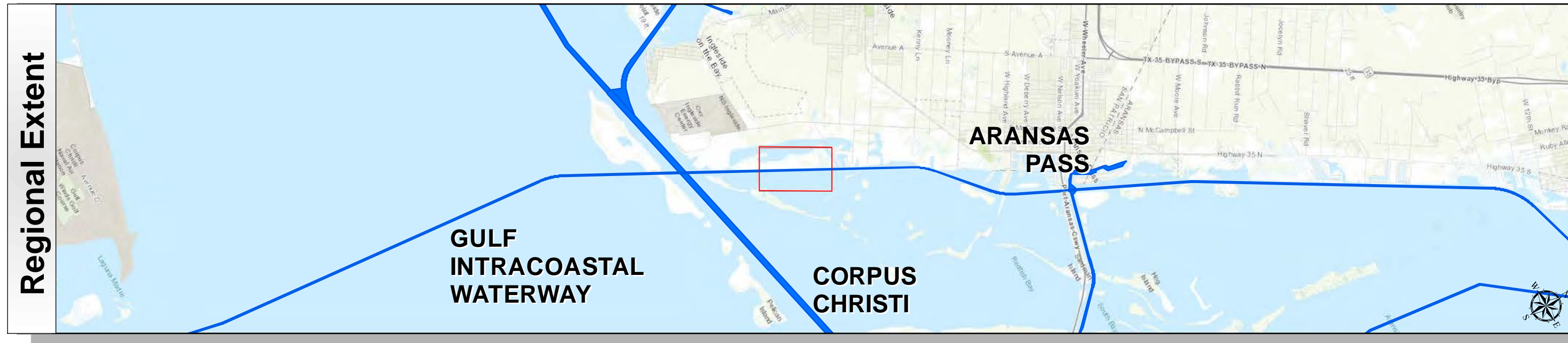
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
Aransas Pass, TEXAS



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



U.S. Army Corps of Engineers  
Galveston District



Survey Date(s): 16 October 2018	Authorized Depth: -14ft.
Page: 193 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOX PAC	Print Date: 10/19/2018
Additional Info:	

Channel Features	Aids to Navigation	MLLW
— Channel Toe	★ Lights	▲ 4 - 6
- - - 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

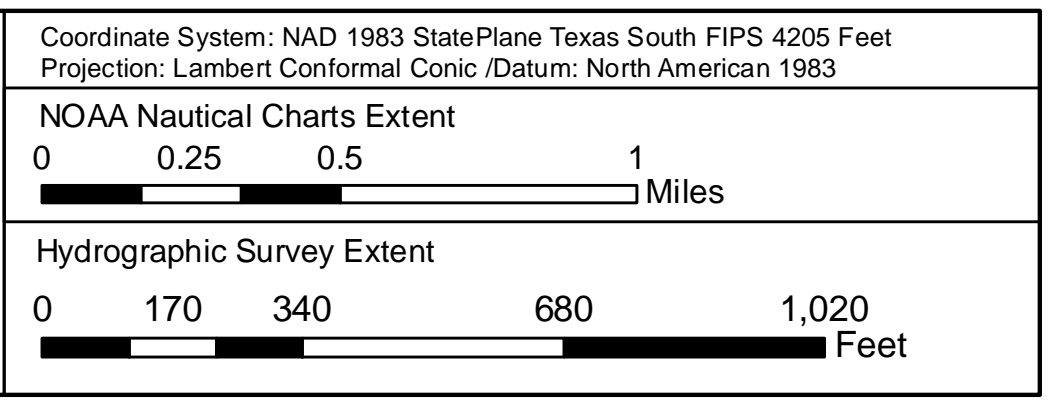
NOTES:

- HORIZONTAL COORDINATES ARE REFERENCED TO TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE NAD83 US SURVEY FEET.
- 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.
- 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: [HTTP://WWW.SWG.USACE.ARMY.MIL/MISSIONS/NAVIGATION/HYDROGRAPHICSURVEYS/](http://www.swg.usace.army.mil/missions/navigation/hydrographicsurveys/)
- 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. NOAA NAUTICAL CHARTS PROVIDED VIA RNC MAP SERVICE

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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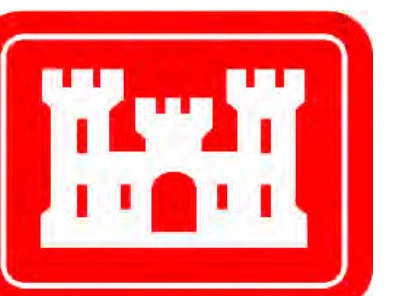


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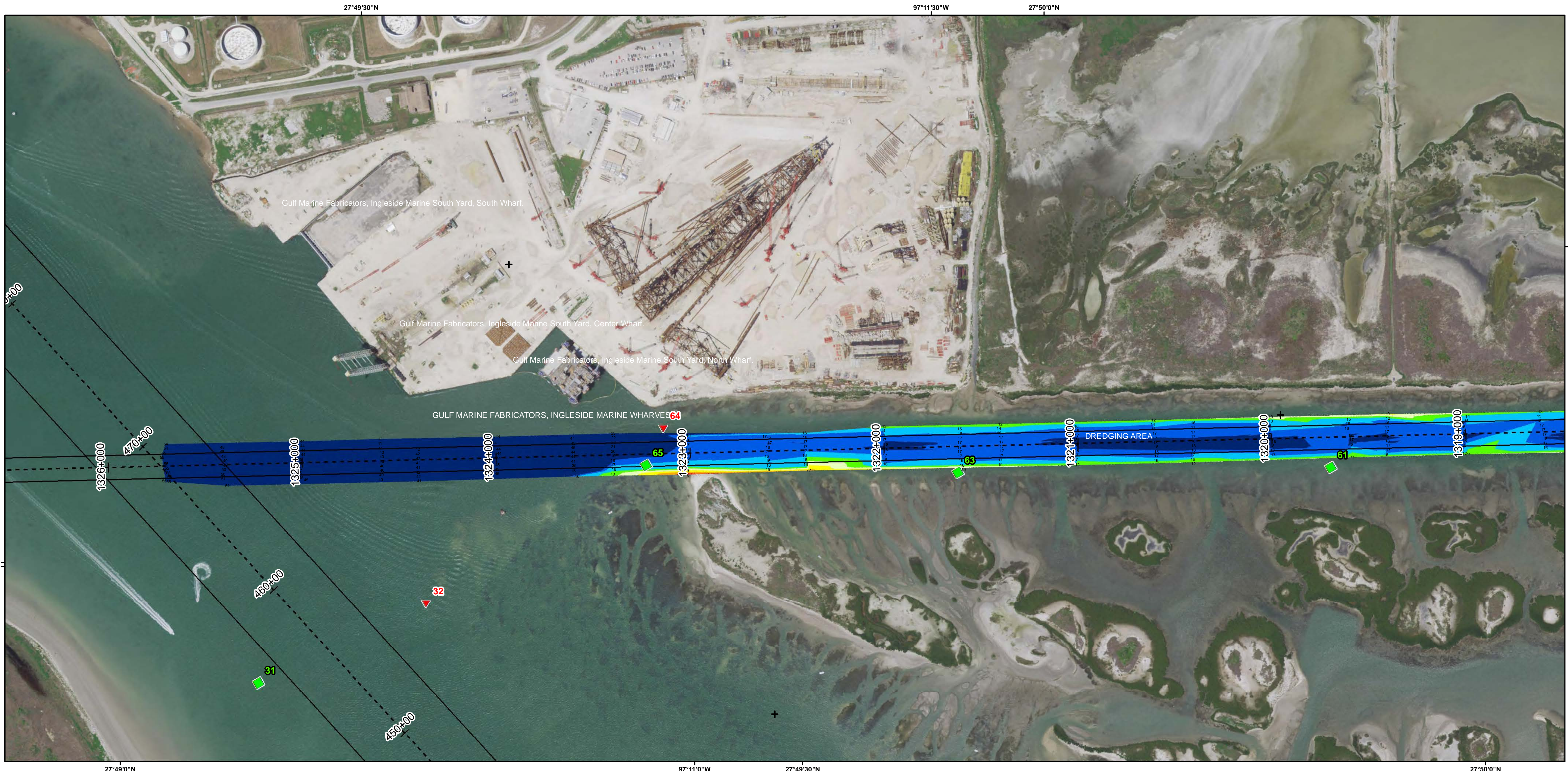
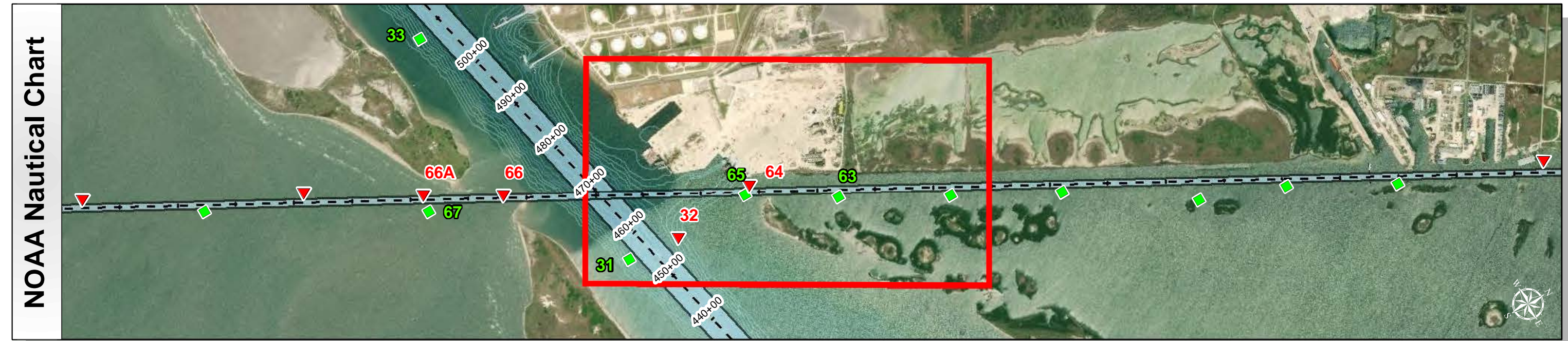
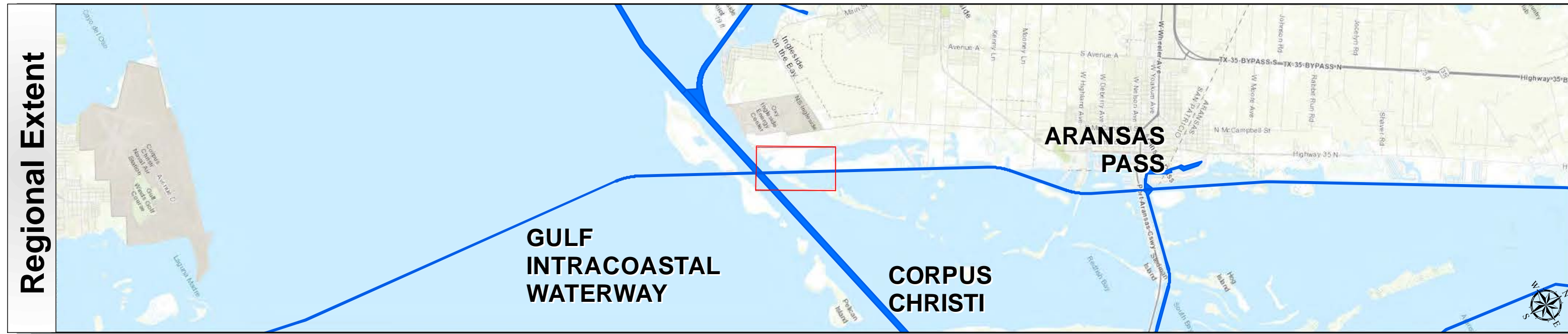
**Station: 1236+611 to 1325+800**  
**GULF INTRACOASTAL WATERWAY**  
Aransas Pass, TEXAS



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



U.S. Army Corps of Engineers  
Galveston District



Survey Date(s): 16 October 2018	Authorized Depth: -1.4ft.
Page: 194 of 14	Side Slope Ratio: (Rise : Run)
Scale: 1:3,000	Additional Imagery: © DigitalGlobe Inc.
Mapped by: MSAOXFAC	Print Date: 10/19/2018
Additional Info:	

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

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