

- - - · Channel Center Line Channel Toe

← → Channel Dimensions

Red Side Aids Lights

MLLW

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/ Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar

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required by er1110-1-8152. 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

Projectio	on: Lambert Cor	iformal Conic	
Dredgir	ng Reach Ext	ent	
)	0.2	0.4	0.8
			Miles
Hydrog	raphic Surve	y Extent	
)	170	340	680





NOTES: Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
 Elevations are referenced to Mean Lower Low Water (MLLW) datum. This project was designed by the Galvesion District of the 0.0. Anny Gorps of Engineeric and eigned of the organization designed of the organization Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar



B. 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

Additional Combined Survey Dates and Stationing: COMB_SURV_INFO_HERE

U.S. Army Corps of Engineers
Galveston District
TEXAS







	ate System: NA n: Lambert Cor		exas South FIPS 4205 Feet
Dredgin	ig Reach Ext	ent	
0	0.2	0.4	0.8
			Miles
Hydrog	raphic Surve	y Extent	
0	170	340	680
			Feet



Aids to Navigation **Channel Features** Green Side Aids MLLW - - - Channel Center Line Red Side Aids v ----- Channel Toe Lights ← → Channel Dimensions

NOTES: . Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet. 2. Elevations are referenced to Mean Lower Low Water (MLLW) datum. 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/ Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar

B. 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





Latest Survey Collection Date: 20 March 2025	0 March 2025	Authorized Depth: -13ft.
Document Page: 3 of 19	Website Index Number: 207	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000		PDF Print Date: 3/24/2025
Mapped by: M3AOXPAC		
Additional Imagery info:		





	ate System: NA on: Lambert Cor		Fexas South FIPS 4205 Feet
Dredgir	ng Reach Ext	ent	
0	0.2	0.4	0.8
			Miles
Hydrog	raphic Surve	y Extent	
0	170	340	680
			Feet



Channel Features

- - - · Channel Center Line

----- Channel Toe

Channel Dimensions

Green Side Aids Red Side Aids Lights

NOTES: . Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet. 2. Elevations are referenced to Mean Lower Low Water (MLLW) datum. required by er1110-1-8152. 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/ Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar

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B. 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





		D 1983 StatePlane Te nformal Conic	xas South FIPS 4205 Feet
Dredging	Reach Ex	tent	
0	0.2	0.4	0.8
			Miles
Hydrogra	phic Surve	y Extent	
0	170	340	680
			Feet

















NOTES: NOTES: 1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet. 2. Elevations are referenced to Mean Lower Low Water (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 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/ Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar







Latest Survey Collection Date: 20 Mar	20 March 2025	Authorized Depth: -13ft.
Document Page: 6 of 19	Website Index Number: 210	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000		PDF Print Date: 3/24/2025
Mapped by: M3AOXPAC		
Additional Imagery info:		





		AD 1983 StatePlane Tex onformal Conic	as South FIPS 4205 Feet
Dredgir	ng Reach Ex	tent	
	0.2	0.4	0.8
			Miles
lydrog	raphic Surve	ey Extent	
	170	340	680





NOTES: 1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet. 2. Elevations are referenced to Mean Lower Low Water (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 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/ Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar





Latest Survey Collection Date: 20 March	20 March 2025	Authorized Depth: -13ft.
Document Page: 7 of 19	Website Index Number: 211	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000		PDF Print Date: 3/24/2025
Mapped by: M3AOXPAC		
Additional Imagery info:		





	ate System: NA on: Lambert Cor		as South FIPS 4205 Feet
Dredgir	ng Reach Ext	ent	
0	0.2	0.4	0.8
			Miles
Hydrog	raphic Surve	y Extent	
0	170	340	680
			Faat





NOTES: 1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet. 2. Elevations are referenced to Mean Lower Low Water (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 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/ Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar

U.S. Army Corps of Engineers Galveston District
TEXAS

Latest Survey Collection Date: 20 M	20 March 2025	Authorized Depth: -13ft.
Document Page: 8 of 19	Website Index Number: 212	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000		PDF Print Date: 3/24/2025
Mapped by: M3AOXPAC		
Additional Imagery info:		





	ite System: NAI n: Lambert Con		exas South FIPS 4205 Feet
Dredgin	g Reach Ext	ent	
0	0.2	0.4	0.8
			Miles
Hydrogr	aphic Surve	y Extent	
0	170	340	680
			Feet





NOTES: Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
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Additional Combined Survey Dates and Stationing: COMB_SURV_INFO_HERE

U.S. Army Corps of Enginee Galveston District TEXAS



Latest Survey Collection Date: 20 March 2025	20 March 2025	Authorized Depth: -13ft.
Document Page: 9 of 19	Website Index Number: 213	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000		PDF Print Date: 3/24/2025
Mapped by: M3AOXPAC		
Additional Imagery info:		





	ate System: NA on: Lambert Cor		as South FIPS 4205 Feet
Dredgi	ng Reach Ext	ent	
0	0.2	0.4	0.8
			Miles
Hydrog	raphic Surve	y Extent	
0	170	340	680



Aids to Navigation Channel Features Green Side Aids MLLW - - - Channel Center Line Red Side Aids v V ----- Channel Toe Lights Channel Dimensions

NOTES: Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
 Elevations are referenced to Mean Lower Low Water (MLLW) datum. A 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
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B. 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

COMB_SURV_INFO_HERE

Coordinate System: Projection: Lambert		e Texas South FIPS 4205 Feet
redging Reach	Extent	
0.2	0.4	0.8
		Miles
lydrographic Su	rvey Extent	
170	340	680
		Feet











Green Side Aids - - - · Channel Center Line Red Side Aids ----- Channel Toe Lights ← → Channel Dimensions

. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet. 2. Elevations are referenced to Mean Lower Low Water (MLLW) datum. required by er1110-1-8152. 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/ Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar

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U.S. Army Corps of Engineers Galveston District



Latest Survey Collection Date: 20 Mai	20 March 2025	Authorized Depth: -13ft.
Document Page: 11 of 19	Website Index Number: 215	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000		PDF Print Date: 3/24/2025
Mapped by: M3AOXPAC		
Additional Imagery info:		





		D 1983 StatePlane	Texas South FIPS 4205 Feet
Dredging	Reach Ex	tent	
0	0.2	0.4	0.8
			Miles
Hydrogra	phic Surve	y Extent	
0	170	340	680
			Feet





NOTES: 1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet. 2. Elevations are referenced to Mean Lower Low Water (MLLW) datum. B. 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 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/ Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar

Additional Combined Survey Dates and Stationing: COMB_SURV_INFO_HERE

Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic Dredging Reach Extent 0.2 0.4 0.8 Miles Hydrographic Survey Extent 680 340 170 Feet





Latest Survey Collection Date: 20 March 2025	20 March 2025	Authorized Depth: -13ft.
Document Page: 12 of 19	Website Index Number: 216	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000		PDF Print Date: 3/24/2025
Mapped by: M3AOXPAC		
Additional Imagery info:		









NOTES: 1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet. 2. Elevations are referenced to Mean Lower Low Water (MLLW) datum. B. 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 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/ Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar



		D 1983 StatePlane ⁻ nformal Conic	Texas South FIPS 4205 Feet
Dredging	g Reach Ext	tent	
)	0.2	0.4	0.8
			Miles
Hydrogra	aphic Surve	y Extent	
)	170	340	680
			Feet





Latest Survey Collection Date: 20 March 2025	20 March 2025	Authorized Depth: -13ft.
Document Page: 13 of 19	Website Index Number: 217	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000		PDF Print Date: 3/24/2025
Mapped by: M3AOXPAC		
Additional Imagery info:		









NOTES 1. Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet. 2. Elevations are referenced to Mean Lower Low Water (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 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/ Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar



Additional Combined Survey Dates and Stationing: COMB_SURV_INFO_HERE

U.S. Army Corps of Engineer Galveston District



Latest Survey Collection Date: 20 March 2025	20 March 2025	Authorized Depth: -13ft.
Document Page: 14 of 19	Website Index Number: 218	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000		PDF Print Date: 3/24/2025
Mapped by: M3AOXPAC		
Additional Imagery info:		





Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic							
Dredging Reach Extent							
0	0.2	0.4	0.8				
			Miles				
Hydrog	raphic Surve	/ Extent					
0	170	340	680				
			Feet				





NOTES: Horizontal coordinates are referenced to Texas State Plane Coordinate System, South Zone NAD83 US Survey Feet.
 Elevations are referenced to Mean Lower Low Water (MLLW) datum. a. This project was designed by the Galvesion District of the 0.0. Anny corps of Engineers. The initiation designed of the origination designed of the originatio Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar



B. 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

Additional Combined Survey Dates and Stationing: COMB_SURV_INFO_HERE

	te System: NA n: Lambert Cor		exas South FIPS 4205 Feet
Dredgin	g Reach Ext	ent	
0	0.2	0.4	0.8
			Miles
Hydrogr	aphic Surve	y Extent	
0	170	340	680
			Feet



U.S. Army Corps of Enginee Galveston District







		J								
		Green Side Aids	MLLW							
Channel Center Line		Red Side Aids								
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——— Channel Toe							0,	1	13	15
		Lights								
Channel Dimensions	o									

required by er1110-1-8152. 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/ Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar

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

	e System: NA : Lambert Cor		as South FIPS 4205 Feet
Dredging	g Reach Ext	ent	
0	0.2	0.4	0.8
			Miles
Hydrogra	aphic Surve	y Extent	
0	170	340	680
			Feet







SURVEY

HYDROGRAPHIC U.S. ARMY ENGINEER





Coordinate System: NAD 1983 StatePlane Texas South FIPS 4205 Feet Projection: Lambert Conformal Conic							
Dredging Reach Extent							
0	0.2	0.4	0.8				
			Miles				
Hydrographic Survey Extent							
0	170	340	680				
			Feet				





Latest Survey Collection Date: 20 March 2025	20 March 2025	Authorized Depth: -13ft.
Document Page: 17 of 19	Website Index Number: 221	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000		PDF Print Date: 3/24/2025
Mapped by: M3AOXPAC		
Additional Imagery info:		



SURVEY DISTRICT





Onamier realures	/ ndo to nanganoi								
	Green Side Aids	MLLW							
· Channel Center Line	Red Side Aids	е 1 1	2	റ	~	13	15	17	2
Channel Toe	P	3 0	2 -	- 7	9 - 11	11 - 11	13 - 1	15 - 1	< 17
Channel Dimensions	Lights								

Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar

em, South Zo	one N	IAD83 U	S Surve	ey Feet.				





Latest Survey Collection Date: 20 March 2025	20 March 2025	Authorized Depth: -13ft.
Document Page: 18 of 19	Website Index Number: 222	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000		PDF Print Date: 3/24/2025
Mapped by: M3AOXPAC		
Additional Imagery info:		







- - - · Channel Center Line ----- Channel Toe

Red Side Aids Lights ← → Channel Dimensions

MLLW

a. This project was designed by the Galvesion District of the 0.0. Anny corps of Engineers. The initiation designed of the origination designed of the originatio Service Layer Credits: World Topographic Map: Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA World_Imagery: Maxar, Microsoft World_Imagery: Maxar

U.S. Army Corps of Engineers
Galveston District



Latest Survey Collection Date: 20 March 2025	20 March 2025	Authorized Depth: -13ft.
Document Page: 19 of 19	Website Index Number: 223	Side Slope Ratio: (Rise : Run)
Scale: 1:2,000		PDF Print Date: 3/24/2025
Mapped by: M3AOXPAC		
Additional Imagery info:		





Projection: Lambert Conformal Conic							
Dredgin	ig Reach Ext	ent					
0	0.2	0.4	0.8				
			Miles				
Hydrog	raphic Surve	y Extent					
0	170	340	680				
			Feet				