

LINE	DISTANCE	BEARING
L1	83.88'	S 28°26'15" E
L2	177.73'	S 22°51'54" E
L3	169.90'	S 21°22'03" E
L4	175.78'	S 20°30'42" E
L5	170.92'	S 22°47'43" E
L6	169.06'	S 26°42'58" E
L7	159.43'	S 24°50'29" E
L8	163.49'	S 41°08'16" E
L9	168.38'	S 42°34'14" E
L10	174.42'	S 38°58'15" E
L11	174.46'	S 28°43'01" E
L12	224.39'	S 36°18'29" E
L13	257.40'	S 37°27'48" E
L14	202.49'	S 30°12'22" E
L15	184.95'	S 28°23'14" E
L16	175.95'	S 26°23'33" E
L17	173.09'	S 21°01'26" E
L18	250.11'	S 19°44'15" E
L19	199.33'	S 23°15'03" E
L20	189.60'	S 18°33'27" E
L21	308.49'	S 15°32'50" E
L22	186.75'	S 31°34'12" E
L23	191.49'	S 21°07'50" E
L24	176.11'	S 18°35'41" E
L25	95.70'	S 15°13'05" E
L26	196.49'	S 17°48'49" E
L27	175.98'	S 18°02'05" E
L28	151.99'	S 35°06'39" E
L29	279.54'	S 24°57'46" E
L30	175.37'	S 22°36'46" E
L31	167.51'	S 19°46'18" E
L32	241.34'	S 20°58'07" E
L33	182.30'	S 29°19'47" E
L34	205.40'	S 31°25'36" E
L35	294.57'	S 36°16'51" E
L100	155.42'	S 31°37'36" E
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L37	205.72'	S 44°16'19" E
L38	180.12'	S 37°49'12" E
L39	257.35'	S 41°27'03" E
L40	188.57'	S 43°05'48" E
L41	77.43'	S 45°03'59" E
L42	86.31'	S 60°51'07" E
L43	115.66'	S 47°58'53" E
L44	86.56'	S 68°14'09" E
L45	156.58'	S 41°46'06" E
L46	108.03'	S 44°59'06" E
L47	69.12'	S 70°11'58" E
L48	163.32'	S 62°22'44" E
L49	257.84'	S 59°06'13" E
L50	218.18'	S 39°11'38" E
L51	367.28'	S 37°05'23" E
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L55	187.54'	S 27°32'23" E
L56	102.06'	S 29°25'08" E
L57	162.97'	S 35°08'23" E
L58	76.45'	S 26°18'34" E
L59	83.31'	S 41°01'21" E
L60	93.80'	N 75°35'23" E
L61	35.76'	S 61°47'34" E
L62	53.45'	S 26°05'43" E
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L79	682.42'	S 51°49'31" E
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L83	78.63'	S 57°29'18" E
L84	49.12'	N 53°39'40" E
L85	61.46'	S 38°35'12" E
L86	74.66'	S 42°11'44" W
L87	113.84'	S 60°06'08" E
L88	47.47'	S 42°50'33" E
L89	18.11'	S 50°01'32" E
L90	47.50'	S 29°15'13" W
L91	131.48'	S 44°33'34" E
L92	43.05'	S 19°36'56" E
L93	94.95'	S 42°13'25" E
L94	519.16'	S 49°19'50" E
L95	280.67'	S 28°39'21" E
L96	148.00'	S 24°17'06" E
L97	94.74'	S 27°05'42" W
L98	44.26'	S 29°36'05" W
L99	27.75'	S 31°44'49" W

Benito Morales

Titled April 11, 1835
Vol. 67, Page 781

**Survey of a portion of
the shoreline of
Matagorda Bay
Calhoun County, Texas**

Juan Cano

Titled April 11, 1835
Vol. 67, Page 813

I, Nedra J. Foster, Licensed State Surveyor in the State of Texas, do hereby certify that this plat reflects an on the ground survey performed by me and all points were placed on the line of mean higher high water or mean high water at the time of the survey, November 17, 2000. Lines connecting these points are listed on the map and are meander lines. All coordinates are referenced to the State Plane Coordinate System, NAD 83, South Central Zone.

Tidal determinations were made from Port Lavaca gauge and Port O'Connor gauge. Difference between mean higher high water and mean high water at the Port Lavaca gauge was 0.00 and at the Port O'Connor gauge was 0.03. For purposes of this survey MHHW and MHW are considered to be the same.

The gamma correction at NGS monument Indianola 2 is +01°13'07", the scale factor is 0.99996099, and coordinates are N:13385359.133 and Y:2767195.697, elevation is 5.2 feet NAVD88.



Nedra J. Foster
Nedra J. Foster
Licensed State Land Surveyor

NOTICE: This survey was performed in accordance with Section 33.136, Natural Resources Code, for the purpose of evidencing the location of the shoreline in the area depicted in this survey as that shoreline existed before commencement of erosion response activity, as required by Chapter 33, Natural Resources Code. The line depicted on this survey fixes the shoreline for the purpose of locating a shoreline boundary, subject to movement landward as provided by Section 33.136, Natural Resources Code.

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
County CALHOUN, Sk. No. 1A
File Date JULY 13, 2001 by D. J. H.



SCALE: 1" = 1000'

Shine & Associates
P. O. Box 305
Slatbee, Texas 77556
409-385-5266

LINE	DISTANCE	BEARING
L1	83.88'	S 28°26'15" E
L2	177.73'	S 22°51'54" E
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Benito Morales

Titled April 11, 1835
Vol. 67, Page 781

Survey of a portion of the shoreline of Matagorda Bay Calhoun County, Texas

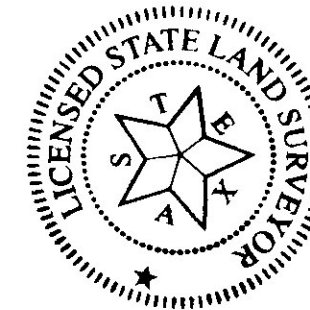
Juan Cano

Titled April 11, 1835
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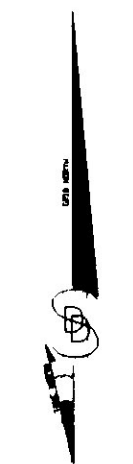
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GENERAL LAND OFFICE
COUNTY CALHOUN, Sk. No. 1
File Date July 13, 2001 by D. J. H.



SCALE 1" = 1000'

Shine & Associates
P. O. Box 305
Silsbee, Texas 77656
409-385-5286

Shine & Associates

REGISTERED SURVEYORS TEXAS AND LOUISIANA

D. D. SHINE, RPLS, LSLs, RLS
NEDRA J. FOSTER, RPLS, LSLs

July 9, 2001

Mr. Ben Thomson
Texas General Land Office
Stephen F. Austin Building, 7th Floor
1700 N. Congress Avenue
Austin, Texas 78701-1495

Dear Ben:

Enclosed are two reproducible copies of a survey performed in Calhoun County on a portion of the shoreline of Matagorda Bay. This was done in connection with coastal erosion project number 1012.

If you need further information, please call.

Yours truly,



Nedra J. Foster

Cc: Mr. Mark Mazoch
URS Corporation

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
County CALHOUN, Sk. No. 1B
File Date JULY 13, 2001 by D. J. H.