

"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."

Line A S79°18'21 5936.82' (2137.3 varas)

N 13620052.56 E 3227370.65 CONVERGENCE: 1°55'56.9" SCALE FACTOR: 0.999868930

BEAR

POB

CONCRETE BULKHEAD

FND RAIL ROAD SPIKE N 13619841.51 E 3227385.89 A

	LINE TABLE			
BEARING	LINE	FEET	VARAS	BEARING
N34°58'52"W	L44	14.41	5.2	S71°20'24"W
N77°26'43"W	L45	64.84	23.3	S51°02'14"W
N45°35'40"W	L46	11.08	4.0	S27°34'41"W
N51°40'49"W	L47	17.98	6.5	S26°26'07"E
N37°27'08"W	L48	25.32	9.1	S37°20'05"E
S21°30'41"W	L49	37.49	13.5	S41°34'59"E
S71°53'03"W	L50	30.91	11.1	S32°27'54"E
N46°28'54"W	L51	38.77	14.0	S30°59'23"E
N56°23'04"W	L52	41.41	14.9	S43°39'52"E
S56°02'08"W	L53	77.41	27.9	S16°31'53"E
S32°35'05"W	L54	39.27	14.1	S26°00'40"E
S01°23'06"W	L55	29.58	10.6	S17°34'06"W
S33°14'03"W	L56	26.42	9.5	S20°53'10"W
S67°10'51"W	L57	18.97	6.8	S89°16'19"W
S88°44'20"W	L58	51.94	18.7	S88°29'31"W
N72°02'18"W	L59	78.44	28.2	\$71°50'36"W
N57°59'56"W	L60	19.52	7.0	S56°26'28"W
N82°56'46"W	L61	54.64	19.7	N52°39'49"W
S48°28'48"W	L62	38.13	13.7	N85°29'26"W
S41°50'29"W	L63	6.08	2.2	N11°42'52"W
S11°53'41"W	L64	14.99	5.4	N00°25'13"E
S31°45'46"E	L65	9.41	3.4	N30°51'37"W
S12°13'36"W	L66	47.27	17.0	N82°01'58"W
S42°06'37"W	L67	12.59	4.5	N46°42'34"E
S60°17'22"W	L68	40.62	14.6	N82°55'14"W
S49°00'24"W	L69	17.83	6.4	S51°51'57"W
S41°52'53"W	L70	17.67	6.4	S70°57'07"W
S37°14'52"W	L71	13.35	4.8	N88°14'41"W
S48°30'01"W	L72	34.29	12.3	S46°08'50"W
S56°38'09"W	L73	28.63	10.3	S02°04'26"W
S67°28'38"W	L74	32.89	11.8	S26°24'33"W
S77°58'30"W	L75	36.07	13.0	S33°55'23"E
S11°53'00"W	L76	34.89	12.6	S12°39'20"E
S34°06'30"W	L77	13.13	4.7	S06°28'37"W
S58°17'37"W	L78	11.49	4.1	S32°23'45"W
S60°51'01"W	L79	22.79	8.2	S12°50'22"E
S84°52'19"W	L80	11.91	4.3	S03°05'40"W
S78°31'56"W	L81	15.93	5.7	S27°12'01"E
S86°01'34"W	L82	15.10	5.4	S60°27'17"E
N37°53'36"W	L83	22.17	8.0	S27°50'00"W
N34°39'23"W	L84	22.83	8.2	S48°30'21"E
N40°51'29"W	L85	44.48	16.0	S25°39'52"E
N47°57'29"W	L86	34.33	12.4	S05°46'15"W

Lines Shown were surveyed on the ground June 27, 2006 Field Personnel: Sidney Bouse & Anthony

Project Tide Gauge

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POC

13621154.22 3233204.36

G-460-RESET

N 13624659.66

E 3229087.70

OBS. June-22-25-04

Comeaux

Tidal Datums at PIER 21, GALVESTON CHANNEL, Texas National Ocean Service Station ID: 8771450 based on:

LENGTH OF SERIES: 5 YEARS TIME PERIOD: JANUARY 1997 - DECEMBER 2001 TIDAL EPOCH: 1983-2001 CONTROL TIDE STATION: N/A CHECKED TO PROJECT TIDE GAUGE AS DCCUPIED 08-19-04 AS SHOWN NOTES:

1.) ALL COORDINATES REFER TO THE TEXAS COORDINATE SYSTEM OF 1983, SOUTH CENTRAL ZONE, AS DEFINED BY ARTICLE 21.071 OF THE NATURAL RESOURCES CODE OF THE STATE OF TEXAS, (1993 ADJUSTMENT). 2). ALL DISTANCES ARE GRID DISTANCES IN FEET AND VARAS.

3). ALL BEARINGS ARE GRID BEARINGS.

Rev 06-19-07 Owner Info June 27, 2006

I hereby certify that the above described property was surveyed in the field according to law under my direction on the above referenced date, and that the above map together with dimensions and coordinates is true and correct as of the above date.

COASTAL SURVEYING OF TEXAS Sidney Bouse Licensed State Land Surveyor email: sid@surveygalveston.com

Mean High Water Survey of part of the Trimble and Lindsey Survey of Galveston Island, in Galveston County, Texas 20.1 miles Southwest of the Galveston County Courthouse

Counter 87504



## Mean High Water Survey of Part of Section 4 of the Trimble and Lindsey Survey of Galveston Island, Galveston County, Texas and Being the Northerly shoreline of Isla Del Sol Subdivision on Galveston Island.

I surveyed the Mean High Water line on part of the Northerly Shoreline of Isla Del Sol Subdivision out of the of Section 12 of the Hall and Jones District Court Partition of part of the Trimble and Lindsey Survey of Galveston Island, Galveston County, Texas as recorded in the Galveston County Deed Records in Book No. 5, Page 547 et. Seq., as authorized by Robert Kite, P.E. Senior Coastal Engineer Coastal Engineering Division Gahagan & Bryant Associates, Inc , in my official capacity as Licensed State Land Surveyor for the State of Texas.

## HISTORY

Laws of First Congress of the Republic of Texas authorized and required the Island of Galveston, except the previously granted M. B. Menard Grant, to be surveyed into Lots of between 10 and 40 acres. The Act to dispose of Galveston and other islands of the Republic was approved on June 12, 1837. The remainder of the island of Galveston was surveyed and divided into lots as shown on the survey by R. C. Trimble and Wm. Lindsey dated 1837.

According to this act, the sale was to be held in "November next" in the City of Houston. The Republic of Texas sold the majority of the Lots in the Trimble and Lindsey Survey of Galveston Island to Levi Jones and Edward Hall. Normally, an original grant is considered effective the date the surveyor was on the ground, and at that point the rights of the sovereign are officially severed. The Republic of Texas, however, authorized and required a survey, or subdivision, of this part of Galveston Island without a particular grantee as party to the survey.

An Act to adapt the Common Law of England was approved on January 20, 1840. The Littoral State boundary of land granted prior to this date must be surveyed according to the Spanish and Mexican Civil Laws and has been determined to be along the Mean Higher High Water Line. Lands granted after this date are to be located along the Mean High Water Line as required under current Common Law.

Mirabeau B. Lamar, President of the Republic signed the grant to Hall and Jones on November 28, 1840 in Austin, Texas. The effective date of the grant is November 28, 1840.

The line surveyed is the line of Mean High Water.

## CONSTRUCTION

I placed a tide gauge and staff in the waters of West Galveston Bay as shown on the accompanying map. Tide Data was collected on June 22-25, 2004. I also occupied Tidal Benchmark 1450-A on June 27, 2006. The data was calculated and matched to the tidal data previously collected. The data was referenced to Tide Station PIER 21, GALVESTON CHANNEL, Texas-National Ocean Service Station ID: 8771450:

LENGTH OF SERIES: 5 Years TIME PERIOD: January 1997-December 2001 TIDAL EPOCH: 1983-2001 CONTROL TIDE STATION: N/A.

I set a <sup>1</sup>/<sub>2</sub>" I. Rod as a tidal reference point within this project as shown on said accompanying map. The Mean High Water elevation was transferred to the shoreline on June 27, 2006 and the line so located was surveyed on the ground using Trimble RTK GPS equipment and referenced to NGS Monument G- 460 and described as the line shown on the survey.

Hhereby certify that the attached survey was surveyed according to law in the field on above dates.

Sidney Boase Registered Professional Land Surveyor No. 5287 LSLS P.O. Box 2742 Crystal Beach, Texas 77554 (409) 684-6400 sid@surveygalveston.com

06-0944 LSLS of Isla Del Sol.doc

Galveston Co. Art. 33.136 sketch 47, sheet 3