

LINE	BEARING	DISTANCE	VARAS
L7	N 62°49'52" E	1596.34'	574.68V
L8	N 63°40'49" E	741.82'	267.06V
L9	N 62°57'36" E	926.65'	333.59V
L10	N 64°59'41" E	426.04'	153.38V
L11	N 61°24'17" E	550.20'	198.07V

FOUND PROPERTY CORNER

PREVIOUS COASTAL BOUNDARIES:

- NAISMITH MARINE 2011
- WM. W. GREEN, 2000
- WM. W. GREEN, 1999

NOTES:

- ALL COORDINATES REFER TO THE TEXAS COORDINATE SYSTEM, SOUTH CENTRAL ZONE (#4204), AS DEFINED BY ARTICLE 21.071 OF THE NATURAL RESOURCES CODE OF THE STATE OF TEXAS, 1983 DATUM (2011), US FEET. ALL BEARINGS ARE LAMBERT GRID BEARINGS AND ALL DISTANCES GRID. THE SCALE FACTOR IS 0.999867810 AND MAPPING ANGLE IS 02d 12' 15".
- COORDINATES AND ELEVATIONS ARE BASED ON NGS MONUMENTS & ON OPUS SOLUTIONS. VERTICAL DATUM: NAVD88
- NGS MONUMENT "LUB 0971 D 1994"
N: 13,761,990.78
E: 3,395,838.90
ELEV: 6.29' NAVD88
- NGS MONUMENT "HGCS 64"
N: 13,744,577.76
E: 3,366,638.77
ELEV: 4.9' NAVD88
- ALL POSITIONS AND ELEVATIONS RECORDED USING SURVEY GRADE, RTK GPS. EQUIPMENT: HEMISPHERE S320 OR TRIMBLE RB.
- STATE OWNERSHIP BOUNDARY BASED MEAN HIGHER HIGH WATER (MHHW) CONTOUR. MHHW ELEVATION OF 1.5' FOR THE GULF OF MEXICO WAS DETERMINED FROM PLEASURE PIER TIDE GAUGE AND HIGH ISLAND TIDE GAUGE.
- TO CONVERT FEET TO VARAS MULTIPLY BY 0.36.
- UPLAND TRACT LINES SHOWN HEREON ARE BASED ON DEED DESCRIPTIONS AND GALVESTON COUNTY APPRAISAL DISTRICT MAPS. LINES ARE SHOWN FOR REFERENCE ONLY.
- EROSION RESPONSE WORK: DUNE CONSTRUCTION AND BEACH NOURISHMENT, UNDER AUTHORITY OF COASTAL EROSION PLANNING AND RESPONSE ACT (CEPRA) PROJECT NO. 1610
- REFERENCE ACCOMPANYING REPORT CONTAINING FIELD NOTES DATED APRIL, 2016 FOR ADDITIONAL INFORMATION.

1. JAMES M. NAISMITH, HEREBY STATE THAT THIS DRAWING REPRESENTS A SURVEY THAT IS CORRECT, IN ACCORDANCE WITH SECTION 21.042 TEXAS NATURAL RESOURCES CODE, WAS MADE ACCORDING TO LAW; WAS MADE IN THE FIELD UNDER MY DIRECT CONTROL AND SUPERVISION; WAS MADE UTILIZING METHODOLOGY APPROVED BY THE GLO; AND IS RECORDED IN

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.

NO FILL OR BUILDUP NOR RETAINING WALLS ARE LOCATED WITHIN THE SURVEYED AREA.

SURVEYED: APRIL 13-14, 2016 SURVEY PERSONNEL: JAMES M. NAISMITH, J.Z. GIESSEL

JMA 8/31/2016

JAMES M. NAISMITH
LICENSED STATE LAND SURVEYOR

Naismith Marine
Hydrographic - Geophysical
Environmental
www.naismithmarine.com
(361) 945-0248
FIRM #10078500

CONTR: HDR ENGINEERING, INC
COASTAL BOUNDARY SURVEY OF A PORTION OF ELIJAH FRANKS, A-54, W.K. DALTON, A-54, M. FABREAU, A-68, E.D.I. BRANCH, A-45, AND THE REUBEN BARROW, A-31, ADJACENT TO STATE TRACTS 132, 144, 145, 147 FROM CAPLEN TO ROLLOVER PASS, GALVESTON CO, TX

SCALE: 1" = 200'
DATE: APR 2016
SHEET 1 OF 2
DWG. BY: JZG

62 ELIZABETH GRAHAM MCNICOLAS ET AL
108 W CALWOOD DR
BEAUMONT, TX 77707-1928
ABST 54 W K DALTON SUR
TR 11 3.352 ACRES
DOC#2010-16-0162 DRGCTX

63 ROBERT C EDSON
PO BOX 13126
HOUSTON, TX 77219-1236
ABST 54 W K DALTON SUR
TR 24.8, 2.369, 1.489 ACRES
DOC#2012021563 DRGCTX

64 FEDERICO & ALMA GARCIA
969 EDISON DR
GILCHRIST, TX 77617
ABST 45 T BRANCH SUR
TR 5 & 6 0.841 ACRES
DOC#2007053443

65 COUNTY-GALVESTON
722 MOODY AVE
GALVESTON, TX 77550-2317
ABST 45 T BRANCH SUR
TR 8 0.421 ACRES & TR 3 0.421 ACRES
DOC#2012008431/2011058732 DRGCTX

66 RICHARD & ELIZABETH FONTENOT
204 HUNDRED OAKS DR
YOUNGVILLE, LA 70592
ABST 45 T BRANCH SUR
TR 7-1 ACRES 1.334 ACRES
DOC#2013041350

67 COUNTY-GALVESTON
722 MOODY AVE
GALVESTON, TX 77550-2317
ABST 45 T BRANCH SUR
LOTS 1-5, BLK 1 BIRDS GULF ADDN
DOC#20080441821 DRGCTX

68 STATE OF TEXAS
GULF OF MEXICO
ABST 64 E FRANKS SUR
PT OF LOT 3&4 BLK 2 BIRDS GULF ADDN
DOC TYPE: CONVERSION

69 COUNTY-GALVESTON
722 MOODY AVE
GALVESTON, TX 77550-2317
ABST 64 E FRANKS SUR
PT OF LOT 20&21-24 BLK 2,
& PT OF LOT 3,4,5 BLK 3 BIRDS GULF ADDN
DOC#2011009742/2010049486 DRGCTX

70 G&A COBB FAMILY LP
1540 INFINITY LN
BEAUMONT, TX 77706-3416
ABST 64 E FRANKS SUR
LOT 2-3, BLK 3, REPLAT BIRDS GULF ADDN
DOC#2016001302 DRGCTX

71 RICHARD & SHERYL HAYES
PO BOX 2985
GILCHRIST, TX 77617
ABST 64 E FRANKS SUR
LOT 2,9,10 & PT OF LITS 3-8,
BLK 4 BIRDS GULF ADDN
DOC#013-80-1603 DRGCTX

72 ALICE VAUGHN KEITH
3635 PROFESSIONAL DR
FORT ARTHUR, TX 77642-3849
ABST 64 E FRANKS SUR
PT OF LOTS 20-21&22,
BLK 4 BIRDS GULF ADDN
DOC#UNKNOWN

73 GERALD JOHNSON, JR
UNKNOWN ADDRESS
ABST 64 E FRANKS SUR
PT OF LOTS 20-22,
BLK 4 BIRDS GULF ADDN
DOC#UNKNOWN

74 COUNTY-GALVESTON
722 MOODY AVE
GALVESTON, TX 77550-2317
ABST 64 E FRANKS SUR
PT OF LOTS 25-28 BLK 2 CAPLEN
DOC#2013010450 DRGCTX

75 COUNTY-GALVESTON
722 MOODY AVE
GALVESTON, TX 77550-2317
ABST 64 E FRANKS SUR
PT OF BLK 1 & ADJ 1/2
OF KEITH AVE ROW CAPLEN ADDN
DOC#2010051543 DRGCTX

76 BILL L CLARK
84 AVENUE OF THE OAKS
BEAUMONT, TX 77707-1888
ABST 64 E FRANKS SUR CARR -
LOTS 5,6,11,&12 BLK 4,
PT OF BLK 1 CAPLEN S/D
VOL 3111, PG 385

77 COUNTY-GALVESTON
722 MOODY AVE
GALVESTON, TX 77550-2317
ABST 64 E FRANKS SUR
PT OF LITS 7-22, BLK 2 CAPLEN
DOC#2012005887/2010051359/
2010050831 DRGCTX

78 ROBERT STAKER
PO BOX 824
BRIDGE CITY, TX 77611
ABST 64 E FRANKS SUR
LOTS 23-24, BLK 2 CAPLEN
DOC#2013010450 DRGCTX

79 MICHAEL RAYBURN & ALBERTA A
123 WOODALL LN
BAYTOWN, TX 77520
ABST 64 E FRANKS SUR
LOTS 25-28 BLK 2 CAPLEN
DOC#2004048477 DRGCTX

80 COUNTY-GALVESTON
722 MOODY AVE
GALVESTON, TX 77550-2317
ABST 64 E FRANKS SUR
PT OF BLK 1 & ADJ 1/2
OF KEITH AVE ROW CAPLEN ADDN
DOC#2010051543 DRGCTX

81 BILL L CLARK
84 AVENUE OF THE OAKS
BEAUMONT, TX 77707-1888
ABST 64 E FRANKS SUR CARR -
LOTS 5,6,11,&12 BLK 4,
PT OF BLK 1 CAPLEN S/D
VOL 3111, PG 385

82 CHARLES SHORLEY &
MARY ROSE
10126 SILVER POINT LN
OCEAN CITY, MD 21842
ABST 64 E FRANKS SUR
LITS 1-4&13-15, BLK 4,
E 1/2 BLK 1
DOC#2005063861 DRGCTX

83 DAVID & LYNNE JENNINGS
155 N DEER LAKE RD
HUTSPR, TX 77336
ABST 64 E FRANKS SUR
TR 22-1 0.866 ACRES
DOC#2015014349 DRGCTX

84 AMP HOLDINGS LTD
PO BOX 8208
LUMBERTON, TX 77657
ABST 64 E FRANKS SUR
TR 22-3-1, ACRES 3X(0.9)
DOC#2000060046 DRGCTX

85 COUNTY-GALVESTON
722 MOODY AVE
GALVESTON, TX 77550-2317
ABST 64 E FRANKS SUR
LOT 8 W DAVIS S-D
DOC#2010047261, 2011058731,
2010049198 DRGCTX

86 HIGHSMITH HOMES 17 LLC
4108 CARNATION DR
ARLINGTON, TX 76016-3921
ABST 64 E FRANKS SUR
TR 24 ACRES 1.1144
DOC#2015033416 DRGCTX

87 O.H. ACOM TRUST DIVISION
UNION PLANTERS NATL BANK
PO BOX 387
MEMPHIS, TN 38147-0002
ABST 64 E FRANKS SUR
PT OF LOTS 12 & 13
DOC# UNKNOWN

88 GUY & CHARLOTTE HUSBAND
1947 STATE HWY 147
ZAVALLA, LA 77580
ABST 64 E FRANKS SUR
PT OF LOTS 10-12 WM CARR S/D
DOC#2011006124 DRGCTX

89 ROBERT A GUERRA
6311 S HIGHWAY A1A
MELBOURNE BCH, FL 32951
ABST 64 E FRANKS SUR
LOT 8 W DAVIS S/D
DOC#2005008357

90 COUNTY-GALVESTON
722 MOODY AVE
GALVESTON, TX 77550-2317
ABST 64 E FRANKS SUR
LDT 7 DAVIS S-D
LDT 5 WM CARR S-D
DOC#2010040453, 2010041002 DRGCTX

91 CHARLES H SHORLEY
10126 SILVER POINT LN
OCEAN CITY, MD 21842
ABST 64 E FRANKS SUR
LOTS 3 & 4 (3-1) WILLIAM CARR S/D
DOC#2006043582 DRGCTX

92 ADAM MICHAEL GURSKI
749 SUE BARNETT DR
HOUSTON, TX 77018-5411
ABST 64 E FRANKS SUR
LOTS 1 & 2 WM CARR S/D
DOC#2009018280 DRGCTX

93 HENRY & SHARON SHIELDS
200 E EMBER ST
PAHRUMP, NV 89048
ABST 64 E FRANKS SUR
TR 57 1.400 ACRES
DOC#2009020455

94 DAVID & TANYA TOVILLA
HOUSTON, TX 77008
ABST 64 E FRANKS SUR
TR 56-1 ACRES 0.833
DOC#2013048030 DRGCTX

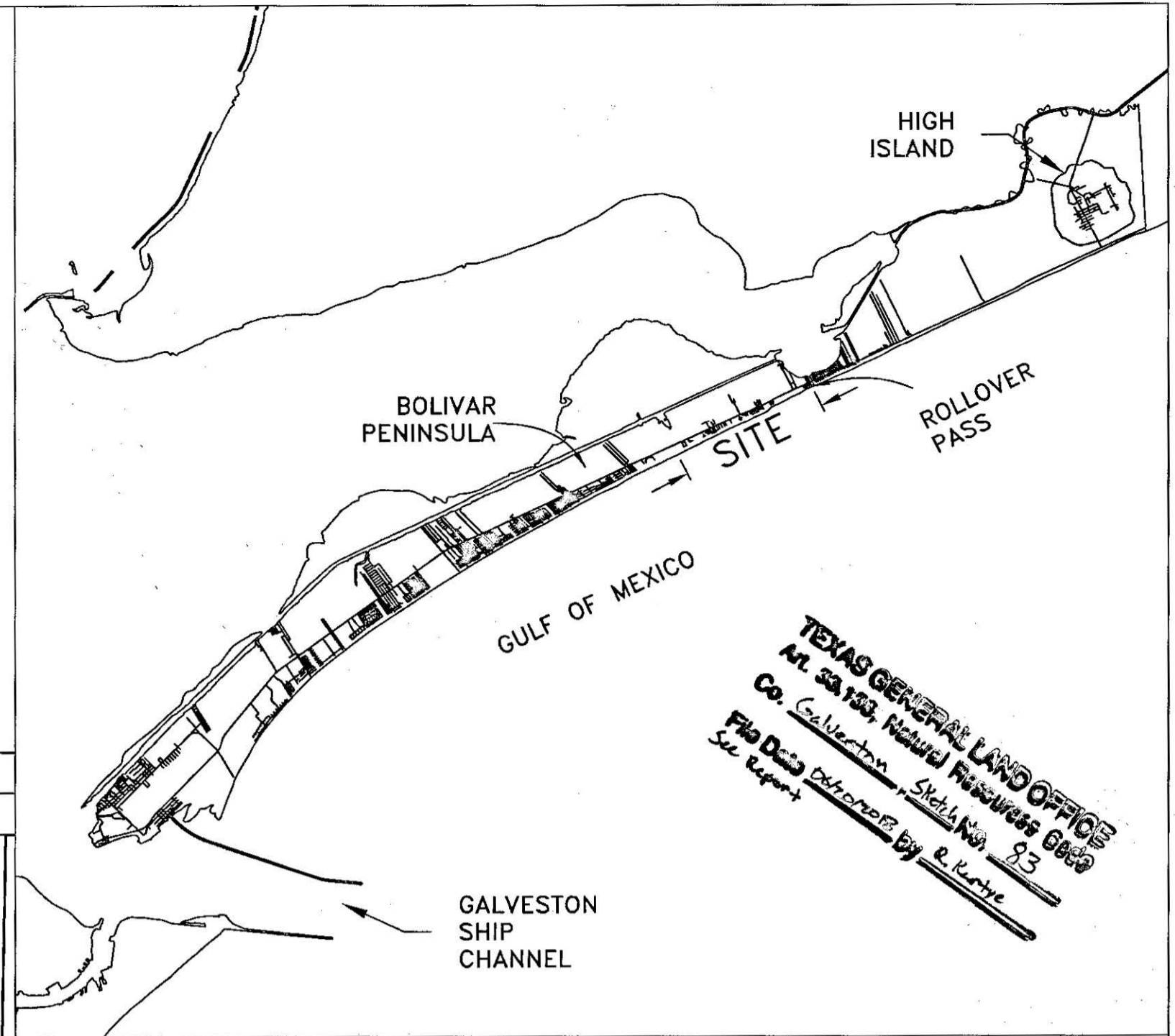
95 FREDRICK & CHERYL MONUS
5819 BEACON FALLS
KINGWOOD, TX 77345-1803
ABST 64 E FRANKS SUR
TR 56 0.8470 ACRES
DOC#2009037725 DRGCTX

96 JAMES & AMY GRISSOM
1931 YUKON DR
BOLINGBROOK, IL 60490
ABST 64 E FRANKS SUR
HOPE SHORES (2011), LOT 1
DOC#2013057525 DRGCTX

97 ANNA ESPERANZA LLC
12575 OGLESBY TER
FORT CHARLOTTE, FL 33953-2342
ABST 64 E FRANKS SUR
TR 54 2.780 ACRES
DOC#2015032810 DRGCTX

98 STEPHEN D DUPLANTIS
5307 BAMEL LN
HOUSTON, TX 77098
ABST 64 E FRANKS SUR
TR 54 2.780 ACRES
DOC#2013076236 DRGCTX

99 COUNTY-GALVESTON
722 MOODY AVE
GALVESTON, TX 77550-2317
ABST 64 E FRANKS SUR
TR 53 ACRES 1.587 &
TR 52 ACRES 1.586 &
TRACT 51-1 ACRES 0.528
DOC#2011054649, 2011037278 DRGCTX



TEXAS GENERAL LAND OFFICE
L.R. SAUNDERS, Natural Resources Commissioner
710 Dead End, Galveston, TX 77550
See Report

- NOTES:
- ALL COORDINATES REFER TO THE TEXAS COORDINATE SYSTEM, SOUTH CENTRAL ZONE (#4204), AS DEFINED BY ARTICLE 21.071 OF THE NATURAL RESOURCES CODE OF THE STATE OF TEXAS, 1983 DATUM (2011), US FEET. ALL BEARINGS ARE LAMBERT GRID BEARINGS AND ALL DISTANCES GRID. THE SCALE FACTOR IS 0.999867810 AND MAPPING ANGLE IS 0.2d 12' 15".
 - COORDINATES AND ELEVATIONS ARE BASED ON NGS MONUMENTS & ON OPUS SOLUTIONS. VERTICAL DATUM: NAVD88
 - ALL POSITIONS AND ELEVATIONS RECORDED USING SURVEY GRADE, RTK GPS. EQUIPMENT: HEMISPHERE S320 OR TRIMBLE RB.
 - STATE OWNERSHIP BOUNDARY BASED MEAN HIGHER HIGH WATER (MHWW) CONTOUR. MHWW ELEVATION OF 0.15' FOR THE GULF OF MEXICO WAS DETERMINED FROM PLEASURE PIER TIDE GAUGE AND HIGH ISLAND TIDE GAUGE.
 - TO CONVERT FEET TO VARAS MULTIPLY BY 0.36.
 - UPLAND TRACT LINES SHOWN HEREON ARE BASED ON DEED DESCRIPTIONS AND GALVESTON COUNTY APPRAISAL DISTRICT MAPS. LINES ARE SHOWN FOR REFERENCE ONLY.
 - EROSION RESPONSE WORK: DUNE CONSTRUCTION AND BEACH NOURISHMENT, UNDER AUTHORITY OF COASTAL EROSION PLANNING AND RESPONSE ACT (CEPRA) PROJECT NO. 1610
 - REFERENCE ACCOMPANYING REPORT CONTAINING FIELD NOTES DATED APRIL, 2016 FOR ADDITIONAL INFORMATION.

I, JAMES M. NAISMITH, HEREBY STATE THAT THIS DRAWING REPRESENTS A SURVEY THAT IS CORRECT; IN ACCORDANCE WITH SECTION 21.042 TEXAS NATURAL RESOURCES CODE, WAS MADE ACCORDING TO LAW; WAS MADE IN THE FIELD UNDER MY DIRECT CONTROL AND SUPERVISION; WAS MADE UTILIZING METHODOLOGY APPROVED BY THE GLO; AND IS RECORDED IN

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.

NO FILL OR BUILDUP NOR RETAINING WALLS ARE LOCATED WITHIN THE SURVEYED AREA.

SURVEYED: APRIL 13-14, 2016 SURVEY PERSONNEL: JAMES M. NAISMITH, J.Z. GIESSEL

Jma 8/31/2016
JAMES M. NAISMITH
LICENSED STATE LAND SURVEYOR

LINE	BEARING	DISTANCE	VARAS
L12	N 63°24'05" E	1983.80'	714.17'
L13	N 63°12'09" E	753.97'	271.43'
L14	N 62°54'52" E	877.79'	316.01'
L15	N 63°32'21" E	603.91'	217.41'
L16	N 63°02'49" E	636.22'	229.04'

LINE	BEARING	DISTANCE	VARAS
L17	N 64°01'24" E	936.06'	354.26'
L18	N 62°44'51" E	1070.91'	385.53'
L19	N 64°10'55" E	1232.31'	443.63'
L20	N 59°31'15" E	302.50'	108.90'
L21	N 62°57'17" E	262.87'	94.63'
L22	N 72°03'06" E	464.24'	167.13'
L23	N 66°21'48" E	165.33'	59.52'
L24	N 69°38'23" E	139.34'	50.16'

STATE TRACT 144

STATE TRACT 144

STATE TRACT 132

STATE TRACT 132



TEXAS GENERAL LAND OFFICE

Surveying Division Coastal Boundary Survey Approval

Project: Bolivar Beach Restoration Leveraging CIAP

Project No: CEPRA 1610 (GLO)

Project Manager: Thomas Durnin (GLO, Coastal Resources)

Surveyor: James M. Naismith, Licensed State Land Surveyor

Description: Coastal Boundary Survey, dated April 13 & 14, 2016, by James M. Naismith, Licensed State Land Surveyor, delineating the line of Mean Higher High Water (MHHW) along the shore of the Gulf of Mexico, same being the littoral boundary line of the following surveys: Elijah Franks A-64, W.K. Dalton A-54, M. Fabreau A-68, Ed. T. Branch A-45 and Reuben Barrow A-31, adjacent to state owned submerged tracts 132, 144, 145 and 147, extending from the community of Caplen to Rollover Pass, and situated at coordinates N 29°29'48" (29.496902°) / W 94°31'35" (94.526570°), a survey plat and report of which are filed as Instrument No. 2016058027 in the Official Public Records of Galveston County.

A Coastal Boundary Survey for the above-referenced project has been reviewed and accepted; upon completion of public notice requirements, the survey will be filed in the Texas General Land Office, Archives and Records, in accordance with provisions of the *Texas Natural Resources Code*, Chapter 33.136.

Approved:

Signed: David A. Ryb
Surveying Division

Dec. 30, 2016
Date

Approval Filed as:

Tex. Nat. Res. Code Article 33.136 Galveston County, Sketch No. 83

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code

Co. Galveston, Sketch No. 83

File Date 06/20/2018 by R. Kartye



Zac Giessel
Naismith Marine Services, Inc.
2007 FM 3036
Rockport, TX 78382

September 23, 2016

Attn: Mr. David Pyle
Texas General Land Office
Survey Division
1700 N. Congress Ave.
Austin, TX 78701

RE: Coastal Boundary Survey Map and Report: Bolivar Peninsula CBS

Mr. David Pyle:

Please find enclosed the signed and sealed Coastal Boundary Survey maps and report/field notes for the Bolivar Peninsula CBS in Galveston County. This coastal boundary survey report and maps were filed in Galveston County records under: **Instrument Number: 2016058027**. A copy of the trailer page has been enclosed from Galveston County Clerk's Office which has filing information. This information will have to be added to the Mylar copies of each map. Please call me if you have any questions.

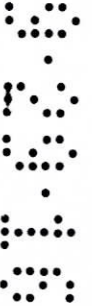
Thank you,

Justin ZAC Giessel
Naismith Marine Services, Inc.
zac@naismithmarine.com
361-920-0436

Encl.

- (1) CBS map & report/field notes
- (1) photocopy of CBS filing information at Galveston County Records

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Galveston, Sketch No. 83
File Date 06/20/2018 by R. Rantye



Naismith Marine Services, Inc.

www.naismithmarine.com
(361) 945-0248
FIRM #10078500



APRIL, 2016

COASTAL BOUNDARY SURVEY
COASTAL BOUNDARY SURVEY OF A PORTION
OF ELIJAH FRANKS, A-64, W.K. DALTON, A-54,
M. FABREAU, A-68, ED.T. BRANCH, A-45,
AND THE REUBEN BARROW, A-31, ADJACENT TO
STATE TRACTS 132, 144, 145, 147
FROM CAPLEN TO ROLLOVER PASS, GALVESTON CO, TEXAS
This report accompanies a map of survey dated April 2016.

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Galveston, Sketch No. 83
File Date 06/20/2018 by R. Kerbye

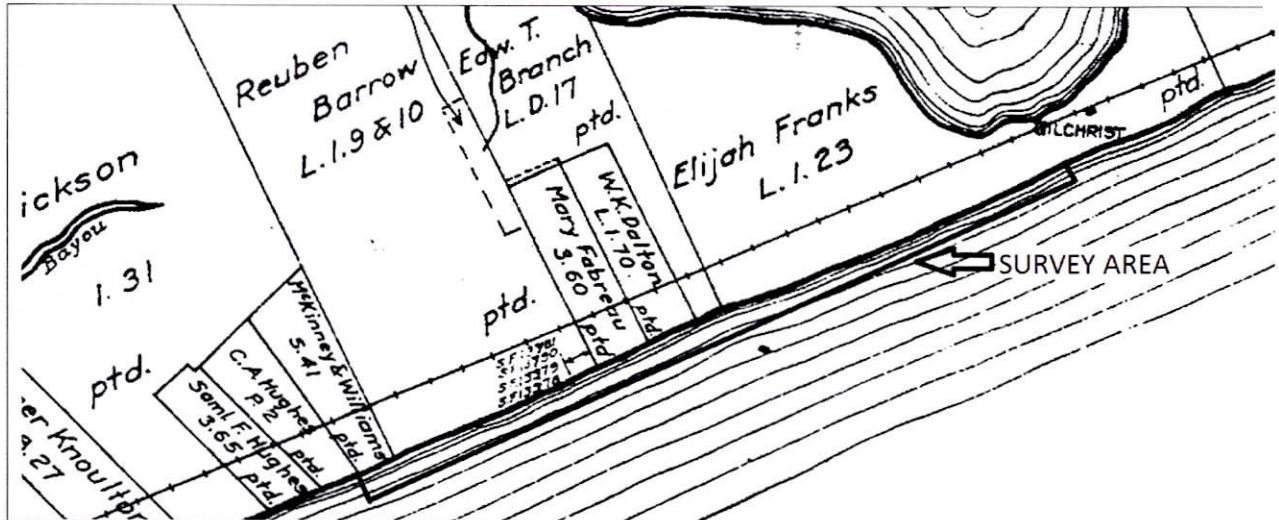
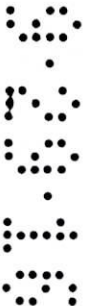


Figure 2: Survey area shown in the Elijah Franks Survey, A-64, W.K. Dalton, A-54, M. Fabreau, A-68, Ed.T. Branch, A-45, and the Reuben Barrow, A-31, Galveston County, Texas

SURVEY CONTROL: Survey along the Gulf of Mexico shoreline of Bolivar peninsula was performed using survey grade RTK GPS base and rover: Hemisphere S320 receivers. Survey was conducted April 13-14, 2016 based on the control point "LUB 0971 D 1994", a tidal benchmark for the tide gauge "Rollover Pass" No. 87709711 (N= 13,761,990.76, E= 3,395,838.9, Elev.= 6.29 NAVD88). OPUS solutions were used to compute coordinates in the South Central Zone of the Texas Coordinate System and orthometric height using geoid 2012b. Datum is NAD 83 (2011), US Feet.

STATE OWNERSHIP BOUNDARY: The tide gauge "Pleasure Pier" on Galveston Island and the, now removed, tide gauge "High Island" were used to establish MHHW on the Gulf of Mexico beach. Two benchmarks were previously recovered for tide gauge "High Island". All structures referenced in the benchmark descriptions were destroyed by Hurricane IKE in 2008. As referenced to this survey, the elevation of MHHW on the Gulf of Mexico shoreline is 1.5 feet (datum is NAVD88) as reported

94972

in a 2011 Coastal Boundary Survey of Rollover Pass by Naismith Marine Services. The MHHW line along the Gulf of Mexico shoreline was measured up to the granite armor stone at the jetties.



Figure 2: tidal reference monument "LUB 0971 D 1994" was used as horizontal and vertical control for the coastal boundary survey along the Gulf coast of Bolivar Peninsula

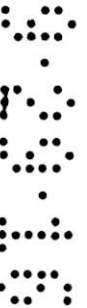
EXISTING FILL: No existing artificial fill exists at the survey area. The MHHW line has migrated landward as a result of normal erosion.

FIELD NOTES for a portion of the boundary line between the Elijah Franks survey, A-64, W.K. Dalton, A-54, M. Fabreau, A-68, Edward T. Branch, A-45, and the Reuben Barrow, A-31, adjacent to adjacent to state tracts 132, 144, 145, 147 in the Gulf of Mexico, Galveston County, Texas. Distances, bearings, and Coordinates are grid, North American Datum of 1983 (2011), South Central zone of the Texas coordinate system;

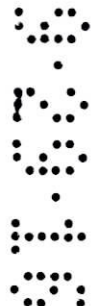
Beginning at a point, (N=13,751,264.81, E=3,383,066.37), on the MHHW (Mean Higher High Water) line on the southern shoreline of Bolivar Peninsula on the Gulf of Mexico shoreline; from which monument "LUB 0971 D 1994", bears N 49°58'40" E a distance of 16,678.88' (6,004.40V);


thence along the MHHW line the following courses:

- thence N 62°41'35" E a distance of 923.16' (332.34V);
- thence N 62°27'04" E a distance of 1,207.48' (434.69V);
- thence N 62°52'38" E a distance of 784.50' (282.42V);
- thence N 63°09'18" E a distance of 663.33' (238.80V);
- thence N 65°11'01" E a distance of 501.28' (180.46V);
- thence N 60°35'48" E a distance of 411.65' (148.19V);
- thence N 62°49'52" E a distance of 1,596.34' (574.68V);
- thence N 63°40'49" E a distance of 741.82' (267.06V);
- thence N 62°57'36" E a distance of 926.65' (333.59V);
- thence N 64°59'41" E a distance of 426.04' (153.37V);



thence N 61°24'17" E a distance of 550.20' (198.07V);
thence N 63°24'05" E a distance of 1,983.80' (714.17V);
thence N 63°12'09" E a distance of 753.97' (271.43V);
thence N 62°54'52" E a distance of 877.79' (316.00V);
thence N 63°32'21" E a distance of 603.91' (217.41V);
thence N 63°02'49" E a distance of 636.22' (229.04V);
thence N 64°01'24" E a distance of 984.06' (354.26V);
thence N 62°44'51" E a distance of 1,070.91' (385.53V);
thence N 64°10'55" E a distance of 1,232.31' (443.63V);
thence N 59°31'15" E a distance of 302.50' (108.90V);
thence N 62°57'17" E a distance of 262.87' (94.63V);
thence N 72°03'06" E a distance of 464.24' (167.13V);
thence N 66°21'48" E a distance of 165.33' (59.52V);
thence N 69°38'23" E a distance of 139.34' (50.16V) to a point on the MHHW line of a granite block
revetment (N=13,759,413.14, E=3,399,341.26) which is the **end point** from which "LUB 0971
D 1994" bears N 53°38'52" W a distance of 4,348.55' (1,565.48V);




James M. Naismith, RPLS, LLS

Naismith Marine Services, Inc.

8/30/2016

FILED AND RECORDED

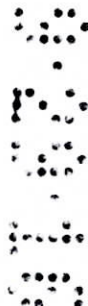
Instrument Number: *2016058027*

Recording Fee: 42.00

Number Of Pages: 4

Filing and Recording Date: 09/22/2016 11:32AM

I hereby certify that this instrument was FILED on the date and time stamped hereon and RECORDED in the OFFICIAL PUBLIC RECORDS of Galveston County, Texas.



Dwight D. Sullivan

Dwight D. Sullivan, County Clerk
Galveston County, Texas

NOTICE: It is a crime to intentionally or knowingly file a fraudulent court record or instrument with the clerk.

DO NOT DESTROY - *Warning, this document is part of the Official Public Record.*

TEXAS GENERAL LAND OFFICE
Art. 33.136, Natural Resources Code
Co. Galveston, Sketch No. 83
File Date 06/20/2018 by R. Kerby