

CORPS OF ENGINEERS, U. S. ARMY
 OFFICE OF THE DISTRICT ENGINEER
 GALVESTON DISTRICT
 606 SANTA FE BUILDING
 GALVESTON, TEXAS

FAIRWAYS & ANCHORAGE AREAS
 SABINE PASS TO BRAZOS SANTIAGO PASS
 COORDINATES OF CONTROL POINTS
 SHOWN ON MAP DATED 31 DECEMBER 1954
 FILE NO. 2000-183

BRAZOS SANTIAGO ANCHORAGE AREA

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH ZONE)	
	LATITUDE	LONGITUDE	"X"	"Y"
1	26° 09.0'	96° 59.5'	2,494,810	178,642
2	26° 09.0'	97° 08.5'	2,445,604	178,083
3	26° 05.2'	97° 08.5'	2,445,852	155,064
4	26° 05.4'	97° 09.7'	2,439,275	156,205
5	26° 03.4'	97° 09.2'	2,442,139	144,119
6	26° 03.3'	97° 08.5'	2,445,976	143,555
7	25° 58.9'	97° 08.5'	2,446,263	116,901
8	25° 58.9'	96° 57.4'	2,507,039	117,600
9	26° 02.1'	96° 57.4'	2,506,802	136,984
10	26° 01.6'	96° 51.5'	2,539,131	134,363
11	26° 03.3'	96° 51.9'	2,536,808	144,632
12	26° 04.0'	96° 57.4'	2,506,662	148,493
13	26° 04.2'	96° 59.5'	2,495,157	149,566

ARANSAS PASS ANCHORAGE AREA

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH ZONE)	
	LATITUDE	LONGITUDE	"X"	"Y"
1	27° 47.2'	96° 48.2'	2,548,592	774,277
2	27° 54.0'	96° 57.0'	2,500,666	814,867
3	27° 50.1'	97° 00.3'	2,483,181	791,023
4	27° 51.3'	97° 02.4'	2,471,785	798,161
5	27° 49.5'	97° 03.4'	2,466,525	787,193
6	27° 48.5'	97° 01.6'	2,478,985	781,278
7	27° 45.8'	97° 04.0'	2,463,547	764,739
8	27° 41.7'	96° 57.8'	2,497,266	740,292
9	27° 40.2'	96° 55.6'	2,509,244	731,350
10	27° 43.8'	96° 39.6'	2,595,233	754,328
11	27° 45.6'	96° 37.8'	2,604,776	765,375
12	27° 48.5'	96° 57.3'	2,499,459	781,524
13	27° 46.7'	96° 58.1'	2,495,281	770,565
14	27° 46.3'	96° 55.9'	2,507,167	768,287
15	27° 43.0'	96° 55.6'	2,509,033	748,314

PASS CAVALLO ANCHORAGE AREA

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH CENTRAL ZONE)	
	LATITUDE	LONGITUDE	"X"	"Y"
1	28° 09.0'	96° 10.1'	2,912,532	126,193
2	28° 21.5'	96° 19.3'	2,861,394	200,758
3	28° 19.8'	96° 22.2'	2,846,083	190,106
4	28° 23.9'	96° 22.2'	2,845,524	214,944
5	28° 19.9'	96° 24.4'	2,834,276	190,448
6	28° 18.5'	96° 24.4'	2,834,464	181,966
7	28° 17.1'	96° 27.0'	2,820,708	173,178
8	28° 04.6'	96° 18.0'	2,870,725	98,532

FREEPORT ANCHORAGE AREA

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH CENTRAL ZONE)	
	LATITUDE	LONGITUDE	"X"	"Y"
1	28° 50.0'	94° 59.0'	3,285,751	385,675
2	28° 52.5'	95° 06.0'	3,247,915	399,552
3	28° 58.0'	95° 10.0'	3,225,498	432,156
4	28° 55.5'	95° 14.4'	3,202,549	416,254
5	28° 56.6'	95° 17.4'	3,186,352	422,406
6	28° 54.9'	95° 19.3'	3,176,553	411,790
7	28° 54.1'	95° 16.8'	3,190,030	407,366
8	28° 52.6'	95° 19.4'	3,176,458	397,843
9	28° 42.4'	95° 12.0'	3,217,916	337,329
10	28° 47.6'	94° 58.7'	3,287,851	371,196
11	28° 32.8'	94° 17.3'	3,512,310	289,836
12	28° 33.3'	94° 12.1'	3,539,987	293,994
13	28° 49.0'	94° 56.5'	3,299,294	380,080
14	28° 43.5'	95° 10.1'	3,227,844	344,322

GALVESTON ANCHORAGE AREA

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH CENTRAL ZONE)	
	LATITUDE	LONGITUDE	"X"	"Y"
1	29° 09.1'	94° 20.6'	3,485,910	508,919
2	29° 10.5'	94° 22.9'	3,473,349	516,911
3	29° 22.3'	94° 32.0'	3,422,258	586,484
4	29° 19.4'	94° 37.1'	3,395,863	567,899
5	29° 21.4'	94° 40.3'	3,378,432	579,378

GALVESTON ANCHORAGE AREA (CONT'D)

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH CENTRAL ZONE)	
	LATITUDE	LONGITUDE	"X"	"Y"
6	29° 22.2'	94° 45.0'	3,353,321	583,308
7	29° 19.9'	94° 43.9'	3,359,665	569,592
8	29° 19.5'	94° 41.7'	3,371,429	567,598
9	29° 18.5'	94° 40.0'	3,380,675	561,875
10	29° 18.0'	94° 39.5'	3,383,441	558,946
11	29° 14.8'	94° 45.2'	3,353,888	538,456
12	29° 02.8'	94° 36.5'	3,402,824	467,499
13	29° 06.4'	94° 26.2'	3,456,781	491,396
14	27° 51.7'	94° 26.2'	3,474,439	39,072
15	27° 50.4'	94° 24.0'	3,486,590	31,664
16	29° 06.4'	94° 23.9'	3,469,012	491,876
17	29° 07.5'	94° 22.5'	3,476,194	498,830
18	28° 36.0'	93° 31.8'	3,754,641	319,801
19	28° 36.1'	93° 27.9'	3,775,447	321,387
20	29° 07.7'	94° 27.8'	3,447,967	498,936

SABINE ANCHORAGE AREA

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH CENTRAL ZONE)	
	LATITUDE	LONGITUDE	"X"	"Y"
1	29° 33.8'	93° 39.0'	3,700,158	667,905
2	29° 37.5'	93° 41.9'	3,683,793	689,605
3	29° 38.5'	93° 42.7'	3,679,287	695,467
4	29° 37.4'	93° 45.7'	3,663,719	688,093
5	29° 37.4'	93° 47.5'	3,654,197	687,667
6	29° 41.8'	93° 49.4'	3,642,967	713,859
7	29° 40.2'	93° 51.1'	3,634,407	703,776
8	29° 36.8'	93° 49.7'	3,642,720	683,518
9	29° 35.1'	93° 51.9'	3,631,533	672,712
10	29° 33.8'	93° 55.3'	3,613,882	664,056
11	29° 32.9'	93° 54.6'	3,617,825	658,768
12	29° 31.1'	93° 53.2'	3,625,713	648,194
13	29° 27.3'	93° 50.3'	3,642,086	625,863
14	29° 28.7'	93° 41.0'	3,690,977	636,547
15	29° 08.9'	93° 41.1'	3,695,898	516,663
16	29° 08.5'	93° 39.0'	3,707,169	514,751
17	29° 29.5'	93° 39.0'	3,701,350	641,874
18	29° 30.8'	93° 36.7'	3,713,169	650,303
19	29° 33.0'	93° 42.8'	3,680,265	662,146
20	29° 32.6'	93° 45.2'	3,667,669	659,152

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BRAZOS SANTIAGO ANCHORAGE AREA

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	LATITUDE	LONGITUDE	"X"	"Y"
1	26° 09.0'	96° 59.5'	2,494,810	178,642
2	26° 09.0'	97° 08.5'	2,445,604	178,083
3	26° 05.2'	97° 08.5'	2,445,852	155,064
4	26° 05.4'	97° 09.7'	2,439,275	156,205
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11	26° 03.3'	96° 51.9'	2,536,808	144,632
12	26° 04.0'	96° 57.4'	2,506,662	148,493
13	26° 04.2'	96° 59.5'	2,495,157	149,566

ARANSAS PASS ANCHORAGE AREA

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH ZONE)	
	LATITUDE	LONGITUDE	"X"	"Y"
1	27° 47.2'	96° 48.2'	2,548,592	774,277
2	27° 54.0'	96° 57.0'	2,500,666	814,867
3	27° 50.1'	97° 00.3'	2,483,181	791,023
4	27° 51.3'	97° 02.4'	2,471,785	798,161
5	27° 49.5'	97° 03.4'	2,466,525	787,193
6	27° 48.5'	97° 01.6'	2,478,985	781,278
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9	27° 40.2'	96° 55.6'	2,509,244	731,350
10	27° 43.8'	96° 39.6'	2,595,233	754,328
11	27° 45.6'	96° 37.8'	2,604,776	765,375
12	27° 48.5'	96° 57.3'	2,499,459	781,524
13	27° 46.7'	96° 58.1'	2,495,281	770,565
14	27° 46.3'	96° 55.9'	2,507,167	768,287
15	27° 43.0'	96° 55.6'	2,509,033	748,314

PASS CAVALLO ANCHORAGE AREA

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH CENTRAL ZONE)	
	LATITUDE	LONGITUDE	"X"	"Y"
1	28° 09.0'	96° 10.1'	2,912,532	126,193
2	28° 21.5'	96° 19.3'	2,861,394	200,758
3	28° 19.8'	96° 22.2'	2,846,083	190,106
4	28° 23.9'	96° 22.2'	2,845,524	214,944
5	28° 19.9'	96° 24.4'	2,834,276	190,448
6	28° 18.5'	96° 24.4'	2,834,464	181,966
7	28° 17.1'	96° 27.0'	2,820,708	173,178
8	28° 04.6'	96° 18.0'	2,870,725	98,532

FREEPORT ANCHORAGE AREA

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH CENTRAL ZONE)	
	LATITUDE	LONGITUDE	"X"	"Y"
1	28° 50.0'	94° 59.0'	3,285,751	385,675
2	28° 52.5'	95° 06.0'	3,247,915	399,552
3	28° 58.0'	95° 10.0'	3,225,498	432,156
4	28° 55.5'	95° 14.4'	3,202,549	416,254
5	28° 56.6'	95° 17.4'	3,186,352	422,406
6	28° 54.9'	95° 19.3'	3,176,553	411,790
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14	28° 43.5'	95° 10.1'	3,227,844	344,322

GALVESTON ANCHORAGE AREA

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH CENTRAL ZONE)	
	LATITUDE	LONGITUDE	"X"	"Y"
1	29° 09.1'	94° 20.6'	3,485,910	508,919
2	29° 10.5'	94° 22.9'	3,473,349	516,911
3	29° 22.3'	94° 32.0'	3,422,258	586,484
4	29° 19.4'	94° 37.1'	3,395,863	567,899
5	29° 21.4'	94° 40.3'	3,378,432	579,378

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GALVESTON ANCHORAGE AREA (CONT'D)

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH CENTRAL ZONE)	
	LATITUDE	LONGITUDE	"X"	"Y"
6	29° 22.2'	94° 45.0'	3,353,321	583,308
7	29° 19.9'	94° 43.9'	3,359,665	569,592
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12	29° 02.8'	94° 36.5'	3,402,824	467,499
13	29° 06.4'	94° 26.2'	3,456,781	491,396
14	27° 51.7'	94° 26.2'	3,474,439	39,072
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20	29° 07.7'	94° 27.8'	3,447,967	498,936

SABINE ANCHORAGE AREA

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH CENTRAL ZONE)	
	LATITUDE	LONGITUDE	"X"	"Y"
1	29° 33.8'	93° 39.0'	3,700,158	667,905
2	29° 37.5'	93° 41.9'	3,683,793	689,605
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FREEPORT ANCHORAGE AREA

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH CENTRAL ZONE)	
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3	29° 22.3'	94° 32.0'	3,422,258	586,484
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74206

GALVESTON ANCHORAGE AREA (CONT'D)

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH CENTRAL ZONE)	
	LATITUDE	LONGITUDE	"X"	"Y"
6	29° 22.2'	94° 45.0'	3,353,321	583,308
7	29° 19.9'	94° 43.9'	3,359,665	569,592
8	29° 19.5'	94° 41.7'	3,371,429	567,598
9	29° 18.5'	94° 40.0'	3,380,675	561,875
10	29° 18.0'	94° 39.5'	3,383,441	558,946
11	29° 14.8'	94° 45.2'	3,353,888	538,456
12	29° 02.8'	94° 36.5'	3,402,824	467,499
13	29° 06.4'	94° 26.2'	3,456,781	491,396
14	27° 51.7'	94° 26.2'	3,474,439	39,072
15	27° 50.4'	94° 24.0'	3,486,590	31,664
16	29° 06.4'	94° 23.9'	3,469,012	491,876
17	29° 07.5'	94° 22.5'	3,476,194	498,830
18	28° 36.0'	93° 31.8'	3,754,641	319,801
19	28° 36.1'	93° 27.9'	3,775,447	321,387
20	29° 07.7'	94° 27.8'	3,447,967	498,936

SABINE ANCHORAGE AREA

POINT NO.	GEOGRAPHIC COORDINATES		LAMBERT GRID COORDINATES (SOUTH CENTRAL ZONE)	
	LATITUDE	LONGITUDE	"X"	"Y"
1	29° 33.8'	93° 39.0'	3,700,158	667,905
2	29° 37.5'	93° 41.9'	3,683,793	689,605
3	29° 38.5'	93° 42.7'	3,679,287	695,467
4	29° 37.4'	93° 45.7'	3,663,719	688,093
5	29° 37.4'	93° 47.5'	3,654,197	687,667
6	29° 41.8'	93° 49.4'	3,642,967	713,859
7	29° 40.2'	93° 51.1'	3,634,407	703,776
8	29° 36.8'	93° 49.7'	3,642,720	683,518
9	29° 35.1'	93° 51.9'	3,631,533	672,712
10	29° 33.8'	93° 55.3'	3,613,882	664,056
11	29° 32.9'	93° 54.6'	3,617,825	658,768
12	29° 31.1'	93° 53.2'	3,625,713	648,194
13	29° 27.3'	93° 50.3'	3,642,086	625,863
14	29° 28.7'	93° 41.0'	3,690,977	636,547
15	29° 08.9'	93° 41.1'	3,695,898	516,663
16	29° 08.5'	93° 39.0'	3,707,169	514,751
17	29° 29.5'	93° 39.0'	3,701,350	641,874
18	29° 30.8'	93° 36.7'	3,713,169	650,303
19	29° 33.0'	93° 42.8'	3,680,265	662,146
20	29° 32.6'	93° 45.2'	3,667,669	659,152

25 September 1956

Mr. William Shirriffs
Chief, Engineering Department
General Land Office
Austin 14, Texas

Dear Sir:

Your letter dated September 12, 1956, regarding the maps requested of Mr. Hale showing the shipping lanes and anchorage areas in the Gulf of Mexico in relation to the lease blocks and sections has been received. The maps have not arrived.

We are enclosing some coordinates of the anchorage areas which may be of usefulness to you.

Thank you for your action on my membership in the Texas Surveyors Association. Would you please notify me the dates of the following meetings: your Surveyors Association and board meetings of registration for engineers and also surveyors? If convenient would like to come to Austin and become better acquainted with these organizations.

Very truly yours,

Hugh Mc Gilvray

HUGH Mc GILVRAY
1718 Church
Galveston, Texas

1 Incl
Copies of anchorage
coordinates

4 MAPS MAILED
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W.S.

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CURRENT
MISCELLANEOUS
INFORMATION
FAIRWAYS AND
ANCHORAGE
AREAS
MAP DATED 1954