

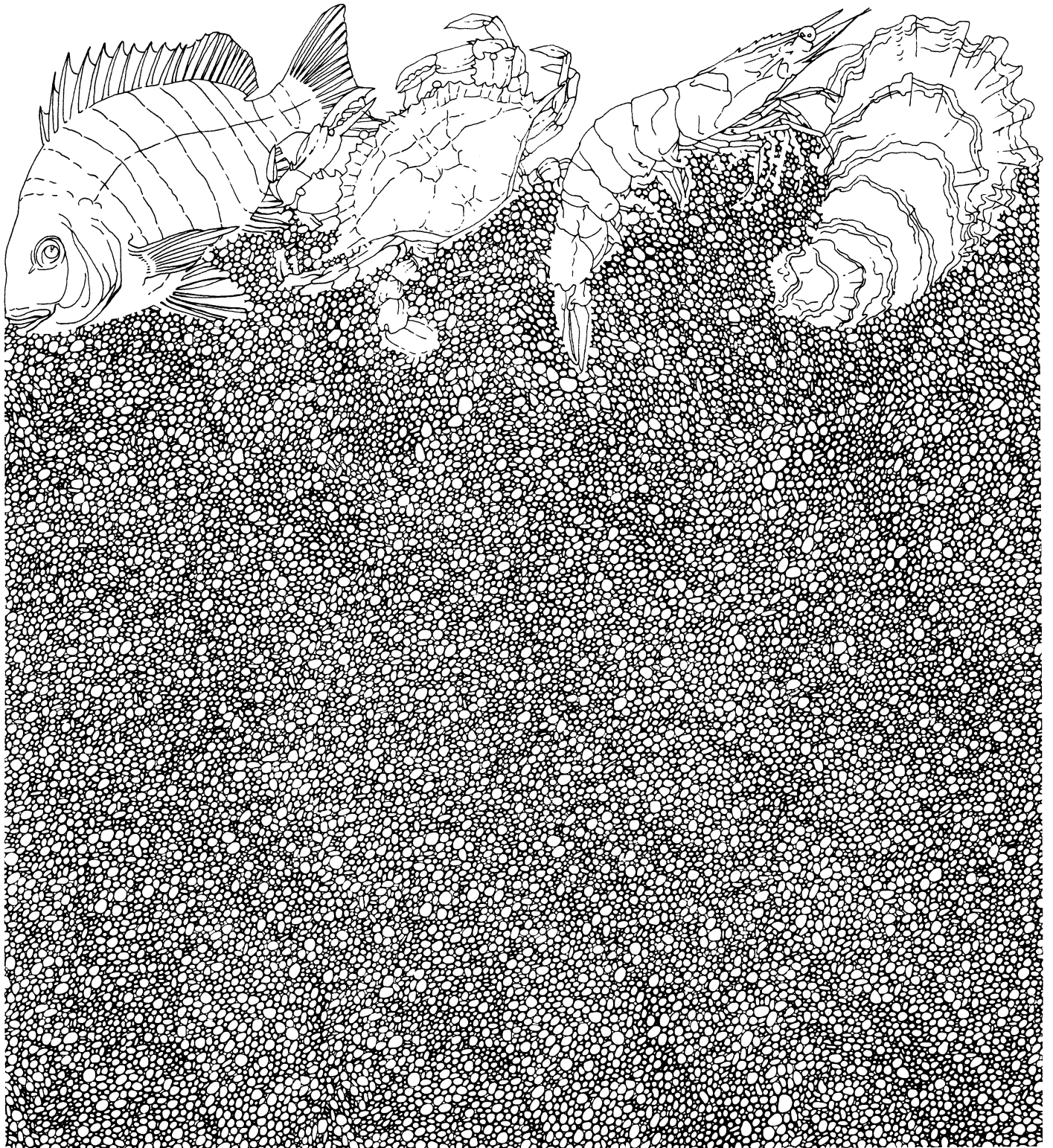
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Inventory of Boat Access Sites on the Texas Coast

by Kyle W. Spiller

Management Data Series Number 110
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Texas Parks and Wildlife Department
Coastal Fisheries Branch



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ABSTRACT

The Texas Parks and Wildlife Department's creel program estimates total daylight sport-boat fishing pressure and landings using intercept interviews conducted at boat ramps. These boat ramps are listed on a master survey site list that is updated annually. However, not all sport-boat fishing activity is surveyed or accounted for because some sport-boat fishing trips originate from areas other than boat ramps.

To obtain a better coverage of the coast and improve the harvest estimates, it was necessary to identify all boat access sites and determine which were surveyable and how. Between December 1982 and January 1983 a total of 209 non-surveyed boat access sites were identified in seven Texas bay systems. Seventy-two of these non-surveyed boat access sites could be added to the master survey site list. There were 121 access sites that would require boats to survey and 16 access sites that were not used by sport fishermen.

INTRODUCTION

Saltwater sport fishing is an important component of the Texas sport fishery. Of the estimated 1.8 million sport fishermen in fiscal year 1983-84 (Osburn and Ferguson 1985) more than 1.1 million actively fished Texas saltwaters (Anonymous 1985). These fishermen annually expended more than \$400 million (Anonymous 1985). In 1983-84 these fishermen landed approximately 3.8 million fish from Texas saltwaters (Osburn and Ferguson 1985).

The Texas Parks and Wildlife Department (TPWD) has conducted creel surveys of boat fishermen since 1974 to estimate saltwater fishing pressure and landings (McEachron and Green 1984, McEachron et al. 1981, Osburn and Ferguson 1985). These surveys provided information of sport fishing at surveyed sites.

The current creel program has been underestimating pressure and landings because fishermen launching boats from private residences, certain marinas, night-boat and Sabine Lake fishing are not included in these estimates (Ferguson and Green in press). A saltwater sport fishing mail survey of boat owners conducted in 1982 (Ferguson and Green in press) estimated that 71% of all saltwater fishing boat trips in Texas were initiated from boat access sites which were sampled by the coastwide TPWD creel survey. Underestimation of pressure and landings could be decreased by identifying non-surveyed boat access sites, and incorporating them into the coastwide survey.

The objectives of this study were to 1) identify boat access sites in each bay system, except Sabine Lake, not surveyed by the coastwide TPWD creel program, 2) identify those boat access sites where creel surveys could be conducted using current procedures and add them to the coastwide survey site list, and 3) identify boat access sites where creel surveys could not be conducted using current procedures.

MATERIALS AND METHODS

Non-surveyed boat access sites were identified in each Texas bay system, except Sabine Lake, between December 1982 and January 1983 (Fig. 1, Table 1). These boat access sites were defined as those sites where boats are launched or docked but creel surveys are not conducted. TPWD personnel traveled by automobile throughout each bay system and contacted local real estate agents, marina operators and local government agencies in each bay system to identify non-surveyed boat access sites. Non-surveyed boat access sites that were surveyable using current procedures were added to the survey site list. Boat access sites that were not surveyable using current procedures were

identified but not added to the survey site list.

RESULTS

Between December 1982 and January 1983, 209 non-surveyed boat access sites were identified in seven Texas bay systems (Table 1). Seventy-two of these sites could be added to the master list of 195 previously surveyed boat access sites (Appendices A and B). One hundred twenty-one of these sites could not be surveyed using current procedures; 16 of the sites were not used by sport-boat fishermen.

The number of non-surveyed boat access sites identified ranged from seven in the upper Laguna Madre Bay system (Table 1, Fig. 7) to 104 in the Galveston Bay system (Table 1, Fig. 2).

The number of non-surveyed boat access sites that could be added to the master list of previously surveyed boat access sites ranged from one in the upper Laguna Madre Bay system (Table 1, Fig. 7) to 22 in the Galveston Bay system (Table 1, Fig. 2).

The number of non-surveyed boat access sites identified that could not be surveyed using current procedures ranged from one in the San Antonio Bay system (Table 4, Fig. 4) to 71 in the Galveston Bay system (Table 1, Fig. 2).

The number of non-surveyed boat access sites identified that were not used by sport-boat fishermen ranged from zero in the Matagorda, San Antonio and upper Laguna Madre Bay systems (Table 1, Fig. 3, 4 and 7) to 11 in the Galveston Bay system (Table 1, Fig. 2).

DISCUSSION

The current TPWD creel program underestimates total landings because all boat access sites are not included on the coastwide survey site list. The underestimation of total landings is further supported by Ferguson and Green's (in press) finding of a 29% underestimation of sport-boat fishing pressure and landings by the TPWD creel program assuming approximately equal fishing trip lengths and catch rates for surveyed and non-surveyed fishermen.

Adding the 72 boat access sites that could be surveyed using current procedures would improve the accuracy of fishing pressure and landings estimates. However, the amount of improvement in the estimates would not be known since 137 boat access sites not surveyable using current procedures would not be included in the coastwide survey.

A special survey to estimate fishing pressure and landings at boat access sites not surveyable using current procedures would require intercepting boats on the water. The special survey would allow the incorporation of correction factors in the coastwide survey estimates.

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Table 1. Non-surveyed boat access sites identified in each bay system as of January 1983.

Bay system	Identification No.	Action or recommendation ^a	Latitude	Longitude	Site description
Galveston	1	A	29°39'12"	94°41'51"	Double Bayou - few waterfront homes
	2	A	29°37'33"	94°42'30"	White Heron Ranch Estates - 2 homes on canal
	3	A	29°36'48"	94°42'48"	Brant Road Subdivision - 13 waterfront homes
	4	A	29°32'35"	94°28'38"	Gulf Haven Subdivision - 12 homes on 2 canals
	5	A	29°32'12"	94°28'22"	Canal City Subdivision - 60 homes on 3 canals
	6	A	29°30'45"	94°29'10"	Church - Margaret Street Subdivision - 55 homes on 4 canals
	7	A	29°29'30"	94°34'17"	Singing Sands Subdivision - 7 homes on 2 canals
	8	A	29°28'05"	94°38'23"	Stingaree Road Subdivision - 15 homes on canal
	9	A	29°28'07"	94°38'37"	East and West Canal Street Subdivision - 25 homes on canal
	10	A	29°27'18"	94°40'19"	O'Neil Street Subdivision - 40 homes on 7 canals
	11	A	29°29'45"	94°42'37"	Boyt Road Subdivision - 70 homes on 1 canal
	12	B	29°25'48"	94°47'37"	Robins Marina - 2 boat sheds with 80 wet slips
	13	A	29°24'28"	94°45'38"	Bollivar - 9 homes on canal
	116	B	29°19'02"	94°46'32"	Galveston Yacht Basin Boat Barn - 141 party boat wet slips
	117	B	29°19'02"	94°46'32"	Galveston Yacht Basin Dock A - 46 wet slips
	118	B	29°19'02"	94°46'32"	Galveston Yacht Basin Dock B - 116 wet slips

Table 1. (Cont'd.).

Bay system	Identification No.	Action or recommendation ^a	Latitude	Longitude	Site description
Galveston (Cont'd.).	119	B	29°19'02"	94°46'32"	Galveston Yacht Basin Dock C - 116 wet slips
	120	B	29°19'02"	94°46'32"	Galveston Yacht Basin Dock D - 116 wet slips
	14	A	29°19'02"	94°46'32"	Galveston Bay Subdivision - 25 waterfront homes
	15	B	29°18'19"	94°55'32"	April Fool Point boatlift - 35 wet slips
	142	B	29°29'47"	94°54'58"	San Leon Boat Shed - 2 boat sheds with 100 wet slips
	139	B	29°17'14"	94°52'14"	Panco Marina - 215 wet slips
	16	A	29°17'15"	94°52'25"	Teichman Point Canal Basin - 35 waterfront homes
	17	A	29°17'15"	94°52'25"	Teichman Point Subdivision - 25 waterfront homes
	18	A	29°17'03"	94°50'09"	Offatt's Bayou - many waterfront homes and apartments
	19	A	29°15'57"	94°54'40"	Havre Lafitt Subdivision - 115 homes on waterfront and adjacent canal
	20	A	29°16'22"	94°52'43"	Crash Boat Basin - 60 homes on basin
	21	A	29°15'46"	94°54'18"	Anderson Ways Subdivision - 50 waterfront homes
	22	A	29°15'16"	94°55'47"	Hance Bayou - 15 waterfront homes
	23	A	29°13'20"	94°55'55"	Spanish Grant Subdivision - 15 homes on canal
24	A	29°12'49"	94°57'06"	Pirates Cove Subdivision South Entrance - 95 homes on canals	
25	A	29°13'39"	94°56'37"	Pirates Cove Subdivision North Entrance	
26	A	29°12'00"	94°59'41"	Jamaica Beach Subdivision - 250 homes on canals	
27	A	29°08'51"	95°02'52"	Sea Isle Subdivision (East Entrance) - 318 homes on canals plus 30 wet slips	
28	A	29°08'36"	95°03'20"	Sea Isle Subdivision (West Entrance) - plus 30 wet slips	

Table 1. (Cont'd.).

Bay system	Identification No.	Action or recommendation ^a	Latitude	Longitude	Site description
Galveston (Cont'd.).	29	A	29°08'18"	95°03'58"	Terramar Beach Subdivision - 40 homes on 4 canals
	30	A	29°07'49"	95°04'26"	Bay Harbor Subdivision - 25 homes on 3 canals plus 15 wet slips
	31	A	29°04'36"	95°08'05"	San Luis Pass Subdivision - 40 homes on 3 canals
	32	A	29°02'52"	95°05'56"	Lazy Palms Subdivision - 8 homes on canal
	33	A	29°01'52"	95°11'59"	Blue Water Highway Subdivision - 3 homes on canal
	34	A	28°59'14"	95°14'06"	Drum Bay Subdivision - 18 homes on Intercoastal Waterway
	35	A	28°57'37"	95°17'31"	Surfside Subdivision - 75 homes on 3 canals
	132	B	28°57'46"	95°17'34"	Bridge Harbor Canal Front - 30 west slips plus party boats
	133	B	28°57'46"	95°17'34"	Bridge Harbor Canal Dock A - 32 wet slips plus party boats
	134	B	28°57'46"	95°17'34"	Bridge Harbor Canal Dock B - 32 wet slips plus party boats
	135	B	28°57'46"	95°17'34"	Bridge Harbor Canal Dock C - 32 wet slips plus party boats
	136	B	28°57'46"	95°17'34"	Bridge Harbor Canal Dock D - 36 wet slips plus party boats
	137	B	28°57'46"	95°17'34"	Bridge Harbor Canal Dock E - 40 wet slips plus party boats
	36	A	28°57'46"	95°17'34"	Bridge Harbor Subdivision - 25 homes on 3 canals
	127	B	29°00'28"	95°18'57"	Kirby Marina - 72 wet slips

Table 1. (Cont'd.).

Bay system	Identification No.	Action or recommendation ^a	Latitude	Longitude	Site description
Galveston (Cont'd.).	37	A	28°52'38"	95°27'10"	Narrows Subdivision - 70 homes on 5 canals
	38	A	28°53'57"	95°29'33"	Ernie Acres Subdivision - 15 homes on canal
	39	A	28°52'34"	95°27'42"	Bernard Acres Subdivision - 34 homes on canal
	40	A	29°00'13"	95°18'00"	Turtle Cove Subdivision - 70 homes on canal
	124	B	29°00'07"	95°18'26"	Turtle Cove North Shore Boat Shed - 75 wet slips
	125	B	29°00'07"	95°18'26"	Turtle Cove South Shore Boat Shed - 75 wet slips
	41	A	29°00'08"	95°18'06"	Hide-A-Way on the Gulf Subdivision - 100 homes on 9 canals plus 12 wet slips
	42	A	28°58'30"	95°16'47"	Oyster Creek Subdivision - 17 homes on canal
	43	A	29°05'10"	95°16'44"	Demi-John Island Subdivision - 94 homes on 4 canals
	129	B	29°05'24"	95°16'39"	Marlin Marina Boat Shed - 14 wet slips
	44	A	29°14'44"	95°15'58"	Chocolate Bayou Subdivision - 30 homes on 2 canals
	130	B	29°14'38"	95°13'59"	Horseshoe Bend Camp Boat Shed - 22 wet slips
	140	B	29°15'11"	95°13'58"	Lute Marina Ramp and Boat House - 40 wet slips
	45	A	29°20'10"	94°56'46"	Highland Bayou Subdivision - 57 homes on 4 canals
	46	A	29°20'08"	94°56'39"	Omega Beach Subdivision - 90 homes on canals

Table 1. (Cont'd.).

Bay system	Identification No.	Action or recommendation ^a	Latitude	Longitude	Site description
Galveston (Cont'd.).	47	A	29°19'25"	94°56'48"	Bayou Vista Subdivision (West Entrance) - 800 homes on canals
	48	A	29°19'43"	94°56'44"	Bayou Vista Subdivision (East Entrance)
	138	B	29°17'51"	94°54'16"	Harbor Cove Marina - 50 wet slips
	49	A	29°17'52"	94°55'52"	Tiki Island Subdivision West Entrance - 300 homes on canals
	50	A	29°18'08"	94°55'57"	Tiki Island Subdivision North Entrance
	51	A	29°18'02"	94°54'16"	Tiki Island Subdivision East Entrance
	52	A	29°17'30"	94°55'00"	Tiki Island Subdivision South Entrance
	53	A	29°25'20"	94°55'11"	Dollar Bay Subdivision - 35 homes on 2 canals
	54	A	29°28'25"	94°58'10"	Little River Estates - 36 homes on canal
	55	A	29°23'50"	94°56'22"	San Leon Subdivision #1 - 30 homes on 2 canals plus 26 wet slips
	56	A	29°24'50"	94°55'58"	San Leon Subdivision #2 - 15 homes on canal
	57	A	29°33'00"	95°02'11"	Clear Lake Shore - 60 waterfront homes
	58	E	29°32'44"	95°02'30"	Watergate Marina - 1100 wet slips
	59	A	29°33'08"	95°03'00"	Glen Cove Subdivision - 32 waterfront homes
	60	A	29°33'13"	95°03'42"	Lakeside Subdivision - 10 waterfront homes
61	E	29°32'48"	95°04'12"	South Shore Harbor - 446 wet slips	
62	A	29°32'40"	95°04'34"	South Shore Harbor Subdivision - 6 homes on canal	
63	E	29°32'31"	95°04'42"	The Warf - 277 wet slips	
64	A	29°32'27"	95°04'48"	Cow Bayou - 15 waterfront homes plus 38 wet slips	
65	A	29°31'16"	95°06'06"	Clear Creek - 2 waterfront homes	

Table 1. (Cont'd.).

Bay system	Identification No.	Action or recommendation ^a	Latitude	Longitude	Site description
Galveston (Cont'd.).	66	A	29°33'02"	95°04'45"	Bay Crest Drive East Subdivision - 10 waterfront homes
	67	E	29°33'16"	95°04'22"	Bal Harbor Marina - 140 wet slips
	68	A	29°33'03"	95°04'43"	Bal Harbor Townhouses - town house complex on water
	69	A	29°33'53"	95°03'04"	Mariner's Village Apartments - 60 wet slips
	70	A	29°33'52"	95°03'30"	The Landings Apartments - 78 wet slips
	71	A	29°33'54"	95°03'23"	Showboat Marina - 50 wet slips
	72	E	29°33'45"	95°03'08"	Yacht Club Marina - 90 wet slips
	73	A	29°33'41"	95°02'40"	Natchez Landing Apartments - 20 wet slips
	74	A	29°33'57"	95°02'38"	The Lake House Apartments - 20 wet slips
	75	D	29°33'30"	95°02'29"	Gulf States Yachts - 15 wet slips
	76	E	29°33'28"	95°02'03"	Lake Haven Marina - 60 wet slips
	77	E	29°33'32"	95°02'00"	Lakeside Marina - 57 wet slips
	78	E	29°33'32"	95°01'59"	Lakewood Marina - 415 wet slips
	79	E	29°33'22"	95°01'44"	Oddo's Yacht Basin - 200 wet slips
	80	E	29°33'08"	95°01'44"	Seabrook Shipyard - 784 wet slips
	81	A	29°34'06"	95°03'21"	Taylor Lake Channels (North Entrance) - 25 waterfront homes plus several apartment complexes
	82	A	29°33'56"	95°03'16"	Taylor Lake Channels (South Entrance)
	83	A	29°34'27"	95°03'05"	Timber Cove Subdivision - 50 waterfront homes
	84	A	29°33'54"	95°03'16"	Taylor Lake - 20 waterfront homes

Table 1. (Cont'd.).

Bay system	Identification No.	Action or recommendation ^a	Latitude	Longitude	Site description
Matagorda	1	A	28°45'23"	95°46'06"	Chincipin - 48 waterfront homes
	2	A	28°46'20"	95°38'05"	Caney Creek - 500 waterfront homes
	3	A	28°46'45"	95°37'15"	Downing Creek East - 30 waterfront homes
	4	A	28°46'00"	95°38'30"	Downing Creek West - 42 waterfront homes
	5	A	28°46'15"	95°55'50"	Holiday Harbor - 9 waterfront homes
	6	A	28°40'54"	95°58'35"	Colorado River - 37 waterfront homes
	7	A	28°41'15"	96°16'27"	Jensen's Point - 4 waterfront homes
	8	A	28°40'49"	96°23'44"	East shore of Carancahua Bay - 45 waterfront homes
	36	B	28°39'30"	96°29'54"	Port Alto boat shed - 2 boat sheds with 107 wet slips
	39	B	28°26'17"	96°24'55"	Fishing Center Boat Sheds - 2 boat sheds with 26 wet slips plus party boats
	41	B	28°26'16"	96°24'57"	McKinney Boat Sheds - 8 wet slips
	42	B	28°26'17"	96°25'00"	Power's Boat Sheds - 35 wet slips
	43	B	28°26'12"	96°25'17"	Alligator Head East Boat Sheds - 20 wet slips
	44	B	28°26'11"	96°25'18"	Alligator Head West Boat Sheds - 49 wet slips
	45	B	28°26'00"	26°25'48"	Weathersby Boat Sheds - 40 wet slips plus party boat
	33	B	28°42'33"	96°12'35"	Brookings Boat Shed - 34 wet slips
San Antonio	1	A	28°23'20"	96°45'15"	Swan Point - 2 waterfront homes
	13	B	28°26'16"	96°24'57"	McKinney Boat Sheds - 8 wet slips
	14	B	28°26'17"	96°25'00"	Power's Boat Sheds - 35 wet slips plus 1 party boat

Table 1. (Cont'd.).

Bay system	Identification No.	Action or recommendation ^a	Latitude	Longitude	Site description
San Antonio (Cont'd.).	15	B	28°26'12"	96°25'17"	Alligator Head East Boat Sheds - 19 wet slips
	16	B	28°26'11"	96°25'18"	Alligator Head West Boat Sheds - 49 wet slips
	17	B	28°26'00"	96°25'48"	Weathersby's Boat Sheds - 40 wet slips plus 1 party boat
	11	B	28°26'17"	96°24'55"	Fishing Center Boat Sheds - 2 boat sheds with 26 wet slips plus party boats
Aransas	1	A	28°01'54"	97°03'48"	Key Allegro Island Estates (North entrance) - 462 homes on canals
	2	A	28°03'00"	97°01'49"	Key Allegro Island Estates (South entrance) - 462 homes on canals
	3	A	28°02'53"	97°01'54"	Key Allegro North Condominium - 32 wet slips
	4	A	28°02'05"	97°01'56"	Key Allegro Condominium - 105 wet slips
	5	A	28°02'44"	97°01'35"	Bay House Condominium - 106 wet slips
	32	B	28°02'30"	97°01'50"	Key Allegro Boat shed - 39 wet slips plus party boats
	33	B	28°02'30"	97°01'50"	Key Allegro Boat Shed and T-head - 112 wet slips plus party boats
	6	A	28°03'07"	97°02'07"	Harbor Oaks Subdivision Entrance #1 - 76 homes on canals
	7	A	28°02'52"	97°02'00"	Harbor Oaks Subdivision Entrance #2 - plus 25 wet slips
8	A	28°05'53"	97°59'46"	Racquet Club - 7 wet slips	
9	A	28°09'53"	97°00'50"	Holiday Beach Subdivision - 102 homes on canals	

Table 1. (Cont'd.).

Bay system	Identification No.	Action or recommendation ^a	Latitude	Longitude	Site description
Aransas (Cont'd.).	10	A	28°06'36"	97°11'19"	Bayside Tourist Camp and private boat ramp
	11	A	28°04'34"	97°06'00"	Copano Cove Subdivision - 215 homes on canals
	34	B	28°03'31"	97°02'00"	Sea Foam Motel - 6 wet slips plus boat ramp
	12	B	28°08'13"	97°00'22"	Sea Gun Marina - 38 wet slips
	13	B	28°01'28"	97°02'57"	Rockport Turning Basin - 110 wet slips
	14	D	28°03'36"	97°07'00"	Fulton Harbor - 95 wet slips
	15	A	27°58'04"	97°05'21"	Palm Harbor Subdivision - 50 homes on canals
	16	A	27°57'07"	97°06'07"	City by the Sea Subdivision - 91 homes on canals
	17	B	27°52'55"	97°05'37"	Redfish Bay Marina - 2 wet slips
	18	A	28°07'45"	96°59'14"	Neptune Harbor Subdivision - 30 homes on canals
	35	B	27°53'22"	97°08'48"	Harbor East plus Marnot and Mac - 82 wet slips
	36	B	27°53'22"	97°08'59"	Harbor West - 55 wet slips
	37	B	27°50'18"	97°03'47"	Woody's West Docks - 3 docks with 48 wet slips plus party boat
	38	B	27°50'18"	97°03'04"	Woody's East Docks - 3 docks with 57 wet slips plus party boat
	39	B	27°50'19"	97°03'37"	Sports Center South - 1 dock with 40 wet slips plus party boats
	40	B	27°50'21"	97°03'37"	Sports Center North - 1 dock with 26 wet slips plus party boats
Corpus Christi	25	B	27°50'22"	97°03'50"	East City Docks - 88 wet slips
	24	B	27°50'21"	97°03'53"	West City Docks - 53 wet slips and party boats
	1	A	27°50'16"	97°03'56"	Villa de la Pesca - 23 wet slips

Table 1. (Cont'd.).

Bay system	Identification No.	Action or recommendation ^a	Latitude	Longitude	Site description
Corpus Christi (Cont'd.).	2	A	27°50'17"	97°03'50"	Between Dolphin Docks and Teal Harbor - 20 wet slips
	3	A	27°50'18"	97°03'46"	Teal Harbor - Unknown number of wet slips
	28	B	27°50'18"	97°03'42"	Woody's West Docks - 3 docks with 48 wet slips and party boats
	29	B	27°50'18"	97°03'40"	Woody's East Docks - 3 docks with 57 wet slips
	30	B	27°50'19"	97°03'37"	Sportsmen Center South - 1 dock with 40 wet slips
	31	B	27°50'21"	97°03'37"	Sportsmens Center North - 1 dock with 26 wet slips
	4	A,C	27°50'18"	97°03'22"	Turtle Cove Condominium - 25 wet slips
	5	A	27°50'17"	97°03'18"	Bay Tree Condominium - 30 homes on canals
	33	B	27°50'15"	97°03'11"	U.T. Boat Basin - 42 wet slips
	6	A	27°50'20"	97°03'26"	Cline Landing - 50 wet slips
	26	B	27°50'15"	97°03'59"	Deep Sea Headquarters - 11 party boat wet slips
	32	B	27°50'22"	97°03'33"	Fishermen Warf - 5 party boat wet slips
22	B	27°53'22"	97°08'48"	Harbor East plus Marnot and Mac - 82 wet slips	
23	B	27°53'22"	97°08'59"	Harbor West - 55 wet slips	
7	A	27°49'42"	97°13'00"	Ingleside Cove Subdivision - 61 homes on canals	
27	B	27°50'17"	97°03'54"	Dolphin Docks - 6 party boat wet slips	
8	A	27°49'52"	97°13'29"	Bahia Marina - 35 wet slips	
9	E	27°47'27"	97°23'23"	Cooper Street L-head - 251 wet slips	
10	D,E	27°47'35"	97°23'17"	Lawrence Street T-head - 148 wet slips	
11	D	27°47'43"	97°23'17"	Peoples Street T-head - 50 wet slips	
12	B	27°53'18"	97°06'42"	Fin & Feather - 7 wet slips	

Table 1. (Cont'd.).

Bay system	Identification No.	Action or recommendation ^a	Latitude	Longitude	Site description
Upper Laguna Madre	1	A	27°36'42"	97°17'40"	Whitley's Basin - 43 homes and 14 apartments on canals
	2	A	27°36'57"	97°17'43"	Jerry's Canal - 2 homes on canal
	3	A	27°36'00"	97°15'25"	Padre Isles Investment South Entrance Canal - 239 homes and 266 condominiums or apartments on canals
	4	A	27°37'35"	97°14'09"	Padre Isles Investment North Entrance Canal - 239 homes and 266 condominiums or apartments on canals
	5	A	27°37'30"	97°12'52"	Parkery Channel - 11 waterfront homes
	6	A	27°37'35"	97°17'25"	Tropic Isles Subdivision - 327 homes on canals
	7	B	27°36'42"	97°17'40"	Hap's Marina - 19 wet slips
Lower Laguna Madre	1	B	26°06'12"	97°17'25"	Laguna Vista - 20 wet slips
	2	A	26°04'58"	97°15'35"	Laguna Heights - 4 wet slips
	3	A	26°04'45"	97°13'10"	The Fingers - 395 homes on canals
	4	B	26°05'03"	97°12'04"	White Sands Motel - 15 wet slips
	5	A,C	26°04'43"	97°12'13"	Port Isabel Channel West 48 wet slips
	18	B	26°04'42"	97°12'12"	Port Isabel Channel East - 45 wet slips
	6	A,C	26°04'00"	97°12'00"	Outdoor Resort - 109 waterfront home
	7	B	26°33'26"	97°25'35"	Redfish Motel - 5 wet slips
	17	B	26°33'05"	97°25'40"	Port Mansfield Boat Basin - 133 wet slips plus party boats
	8	A	26°33'20"	97°25'25"	Wind Jammer Condominium - 30 wet slips
	9	A	26°20'10"	97°26'35"	Arroyo City - 54 waterfront homes
10	A,C	26°20'10"	97°29'45"	Circle X - 36 wet slips	
11	B	26°04'36"	97°09'54"	Sea Ranch - 6 wet slips plus headboat	

Table 1. (Cont'd.).

Bay system	Identification No.	Action or recommendation ^a	Latitude	Longitude	Site description
Lower Laguna Madre (Cont'd.).	19	B	26°04'36"	97°09'56"	Sea Ranch Motel - 22 wet slips
	12	A	26°07'43"	97°10'27"	Herb Mosses Subdivision - 25 homes on canals
	13	A	26°07'35"	97°10'28"	Las Brisas and Tierra Encantada Condominiums - 29 wet slips
	14	E	26°07'35"	97°10'22"	Blue Bay House Restaurant - 9 wet slips
	15	A	26°06'11"	97°10'08"	Puesada del Sol Condominium - 8 wet slips
	16	A	26°06'10"	97°10'08"	Sand Castle Motel - 13 wet slips
	21	A	26°06'09"	97°10'08"	LaSoloma Condominium - 12 wet slips
	22	B	26°06'09"	97°10'08"	Fishermen Warf - 40 wet slips
	23	B	26°06'05"	97°10'08"	Jim's Boat Ramp - 41 wet slips
	20	B	26°05'55"	97°10'04"	Palm Bay Pier - 15 wet slips
	24	A,C	26°05'52"	97°10'03"	Fiesta Harbor - 15 wet slips

^aA = Surveyable only by boat;

B = Added to survey site list;

C = No public access;

D = Used exclusively by commercial interests; and

E = Used exclusively by pleasure boaters.

Figure 1. Texas bay systems.

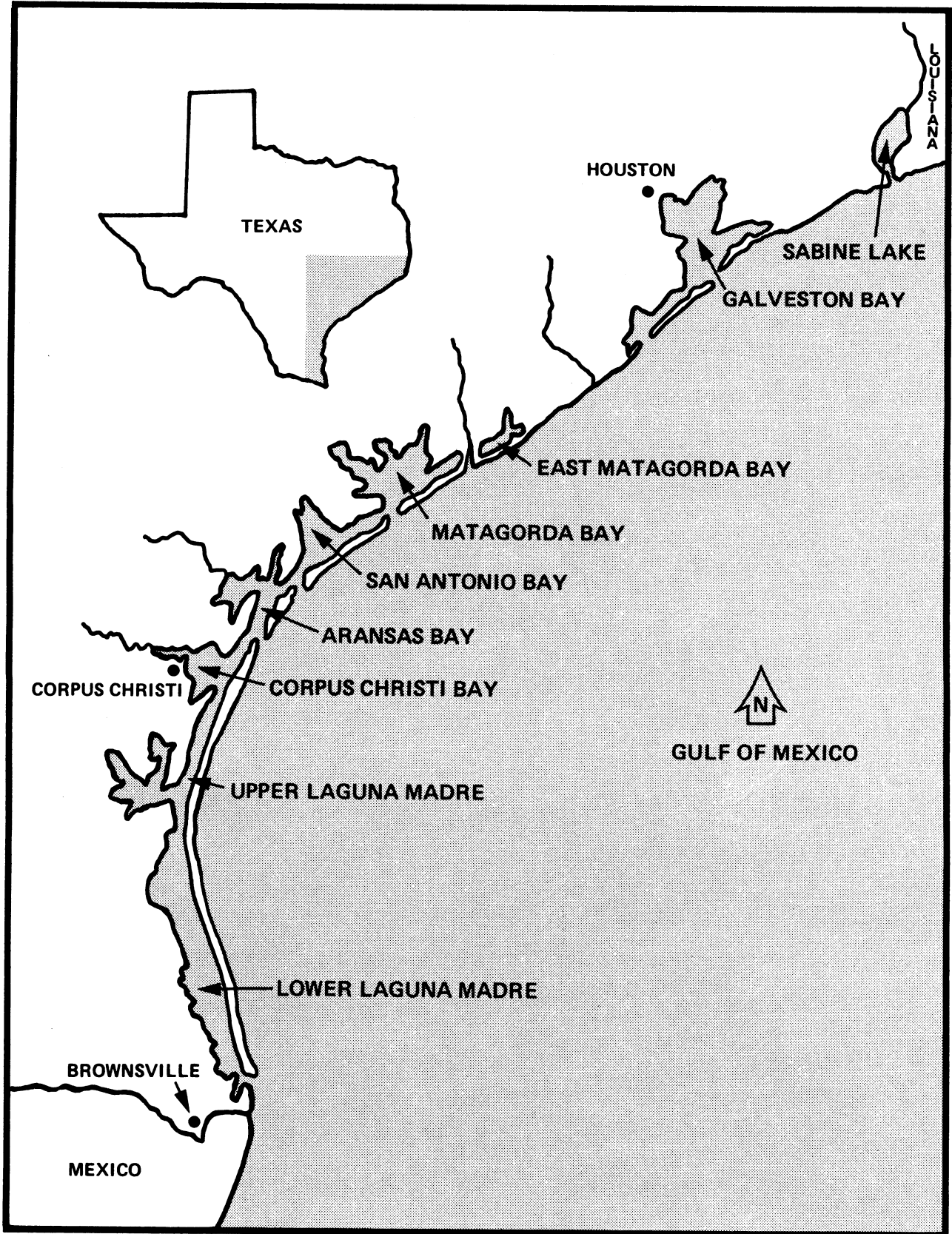
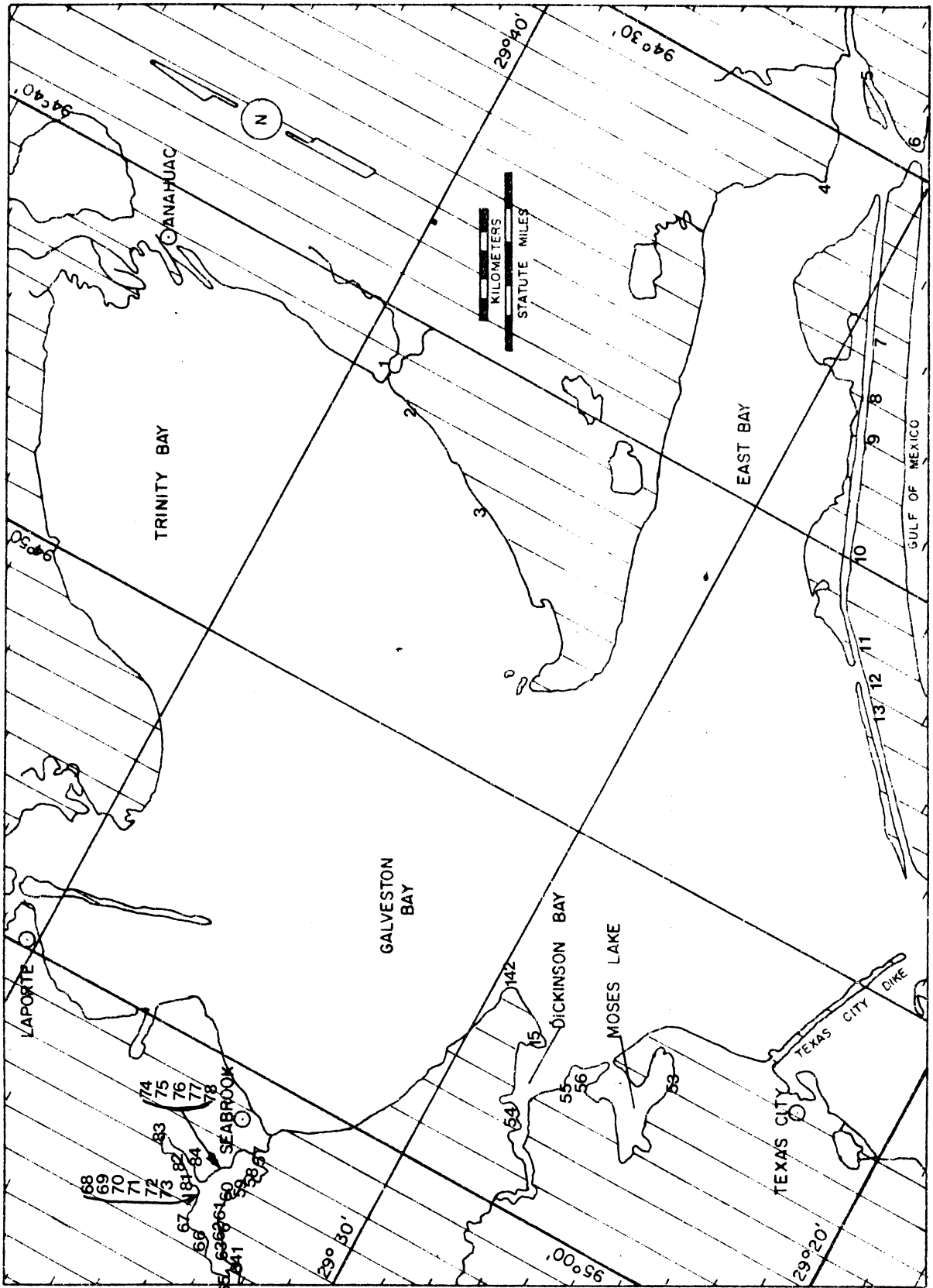
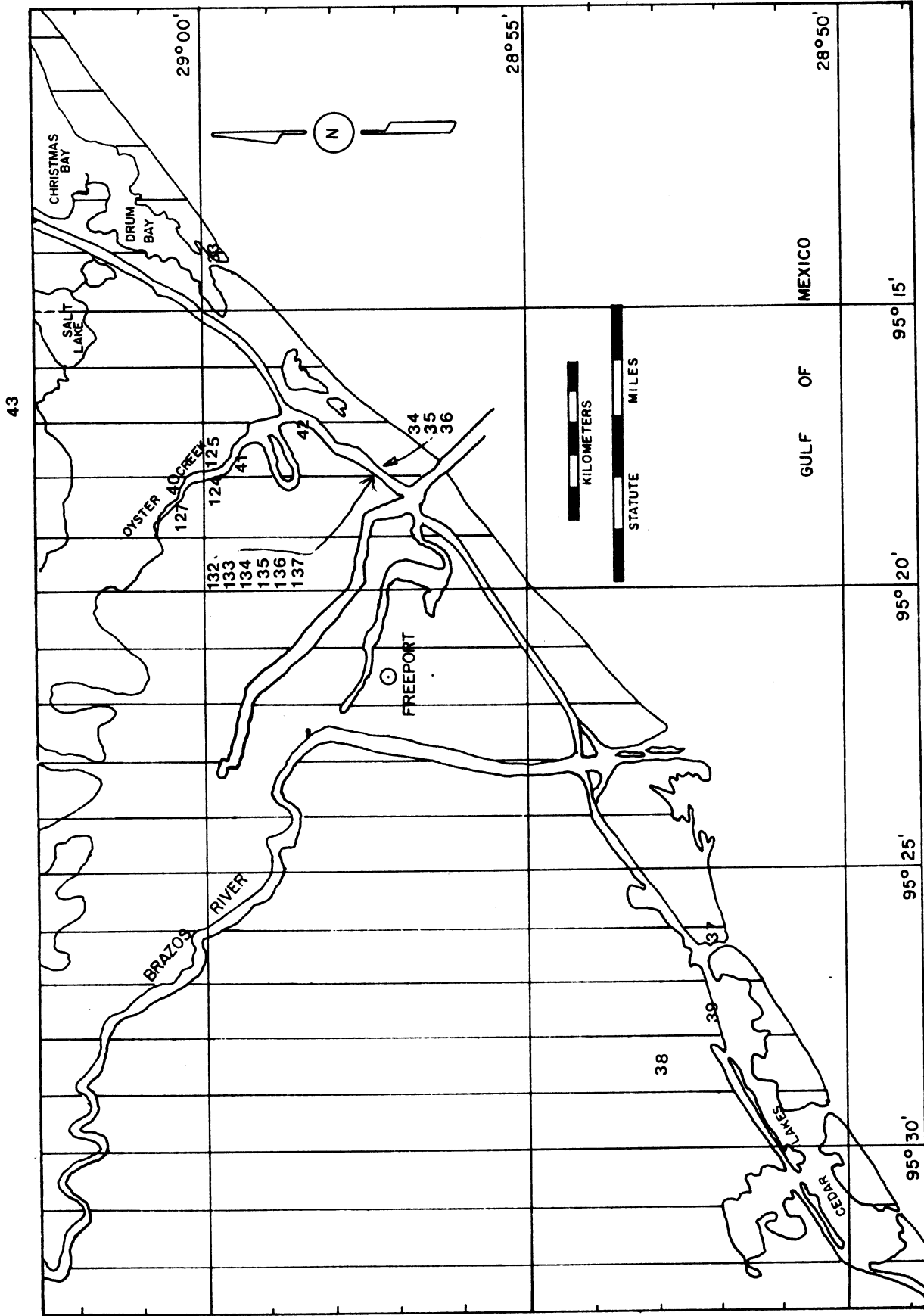


Figure 2. Non-surveyed boat access sites identified in the Galveston Bay system (December 1982-January 1983).





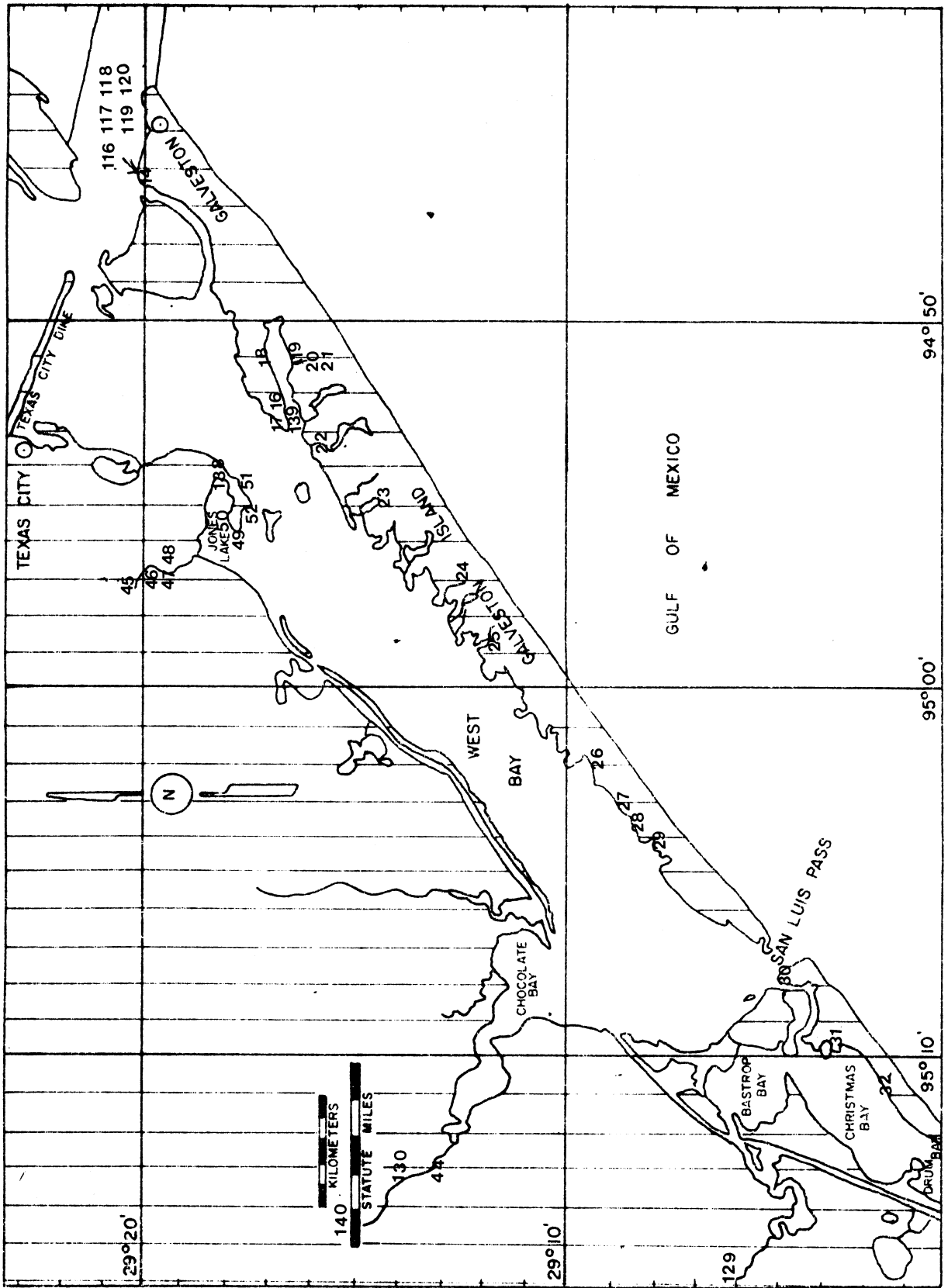
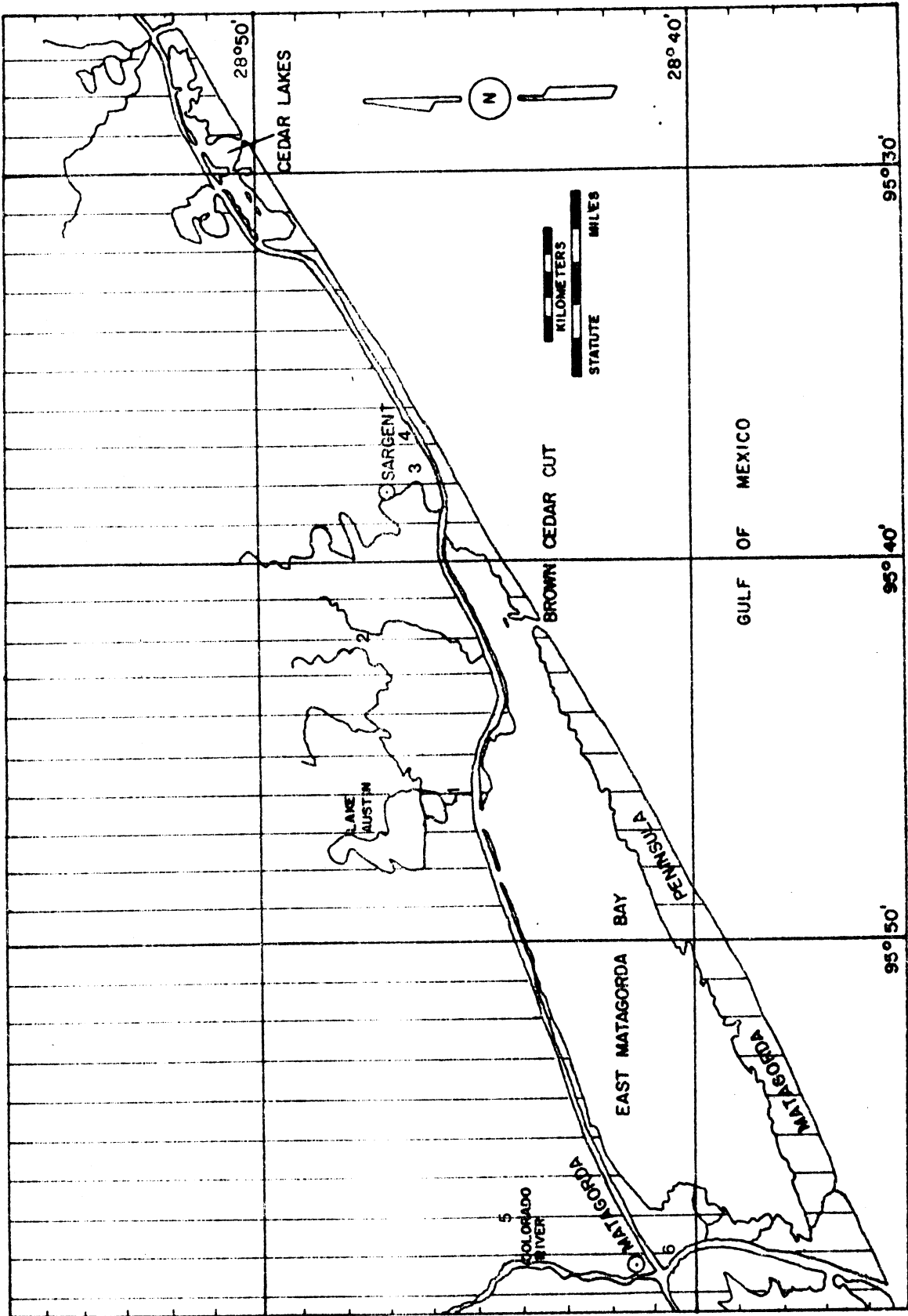


Figure 3. Non-surveyed boat access sites identified in the Matagorda Bay system (December 1982-January 1983).



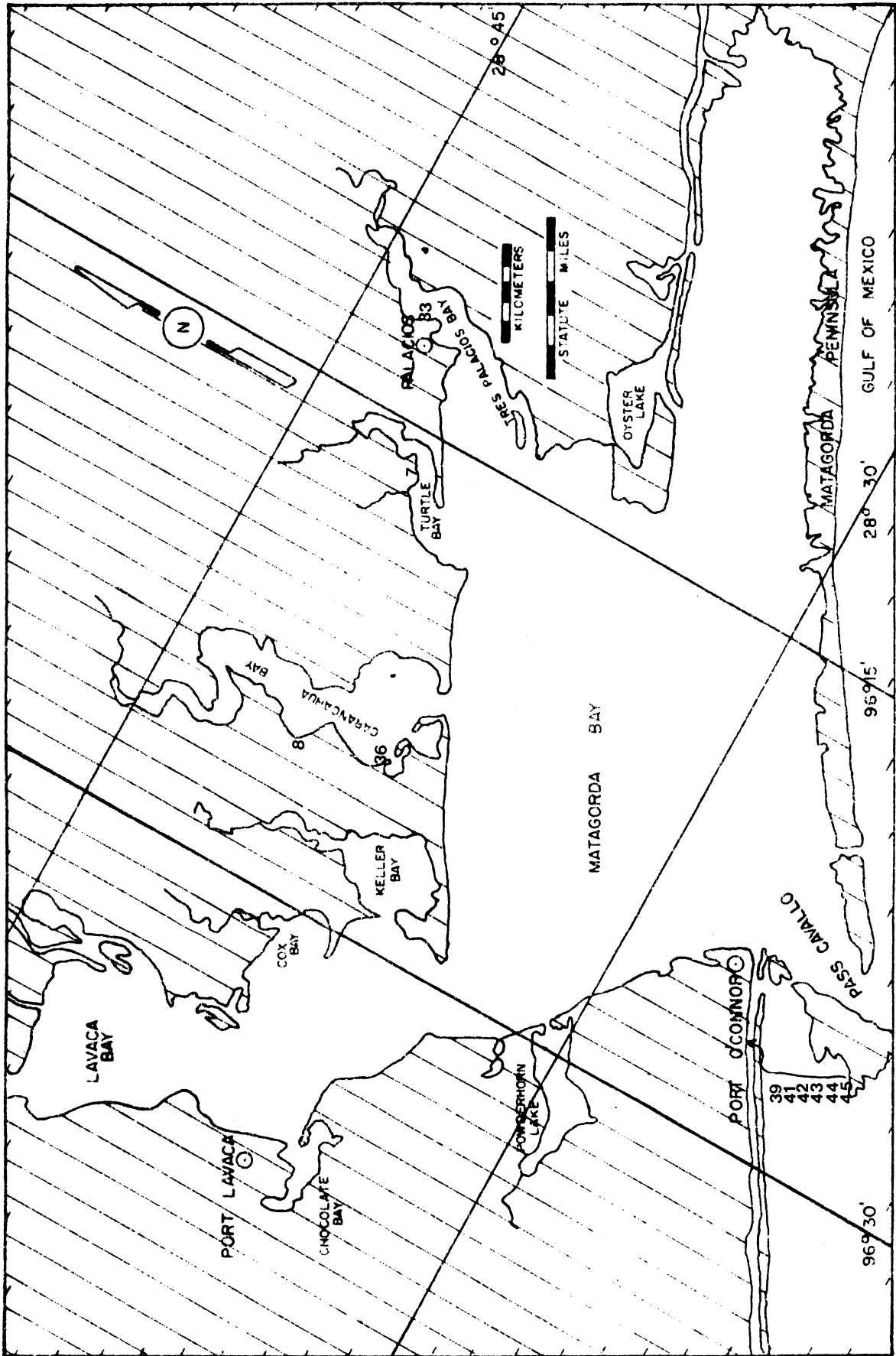


Figure 4. Non-surveyed boat access sites identified in the San Antonio Bay system (December 1982-January 1983).

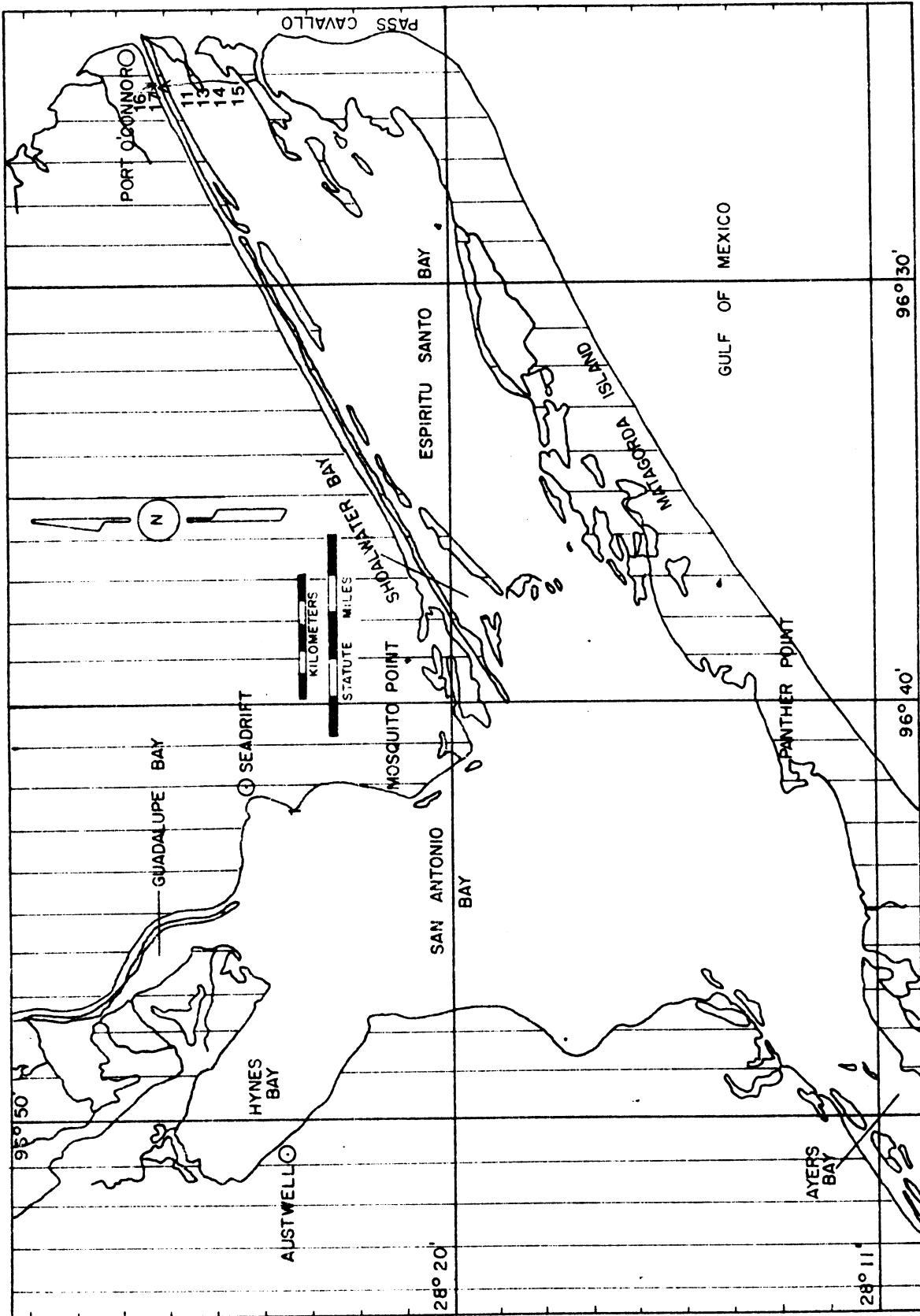


Figure 5. Non-surveyed boat access sites identified in the Aransas Bay system (December 1982-January 1983).

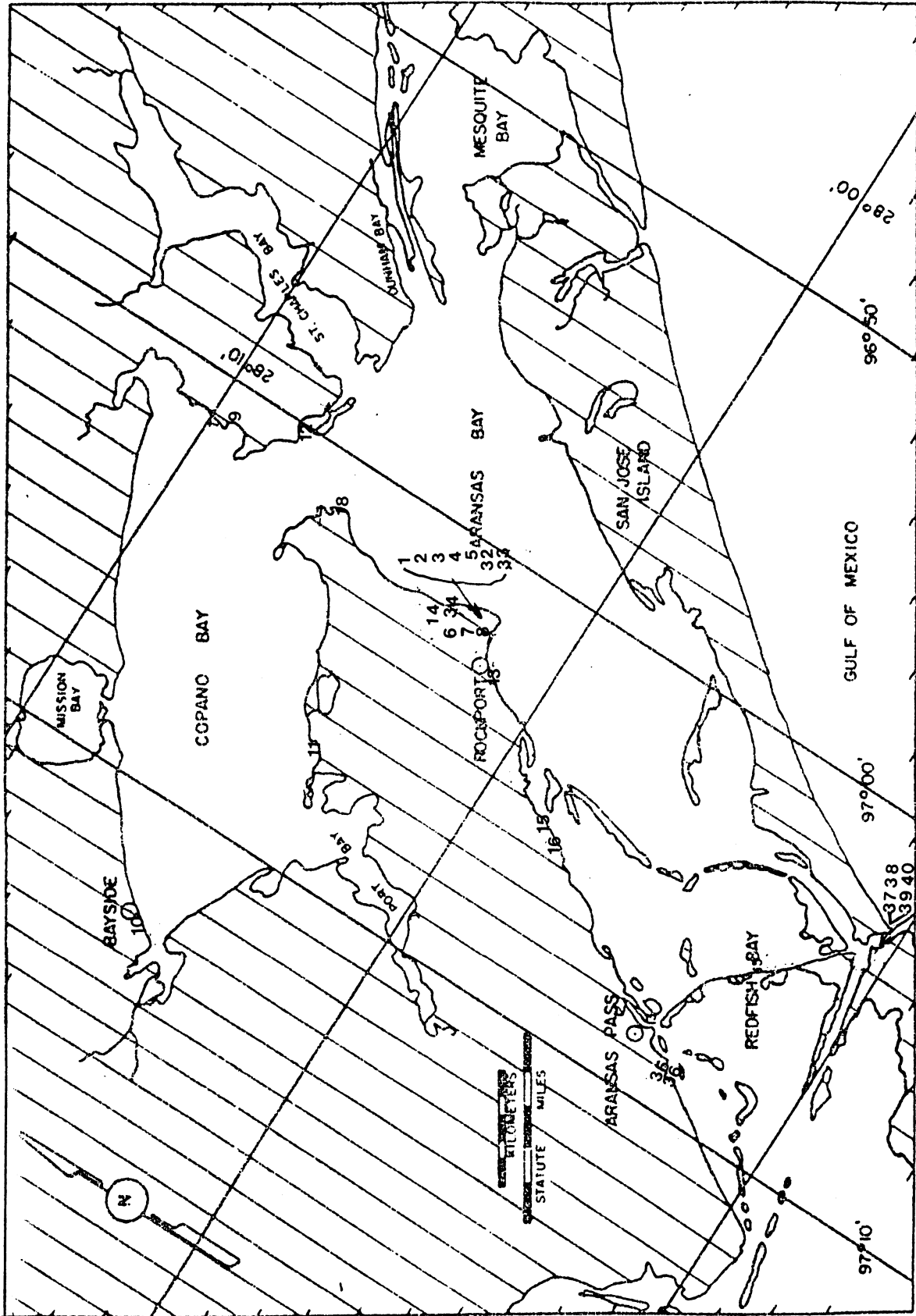


Figure 6. Non-surveyed boat access sites identified in the Corpus Christi Bay system (December 1982-January 1983).

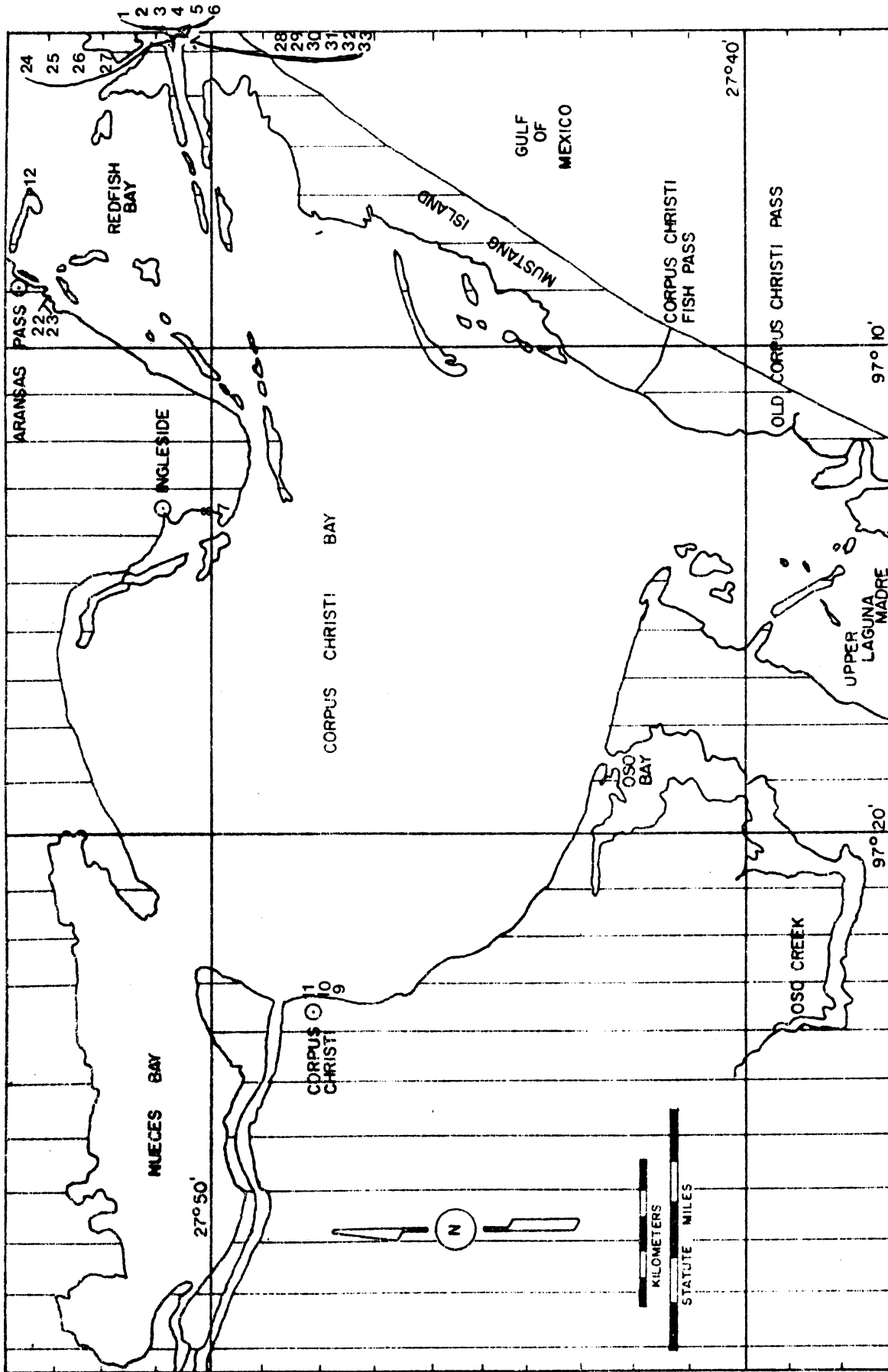


Figure 7. Non-surveyed boat access sites identified in the upper Laguna Madre Bay system (December 1982-January 1983).

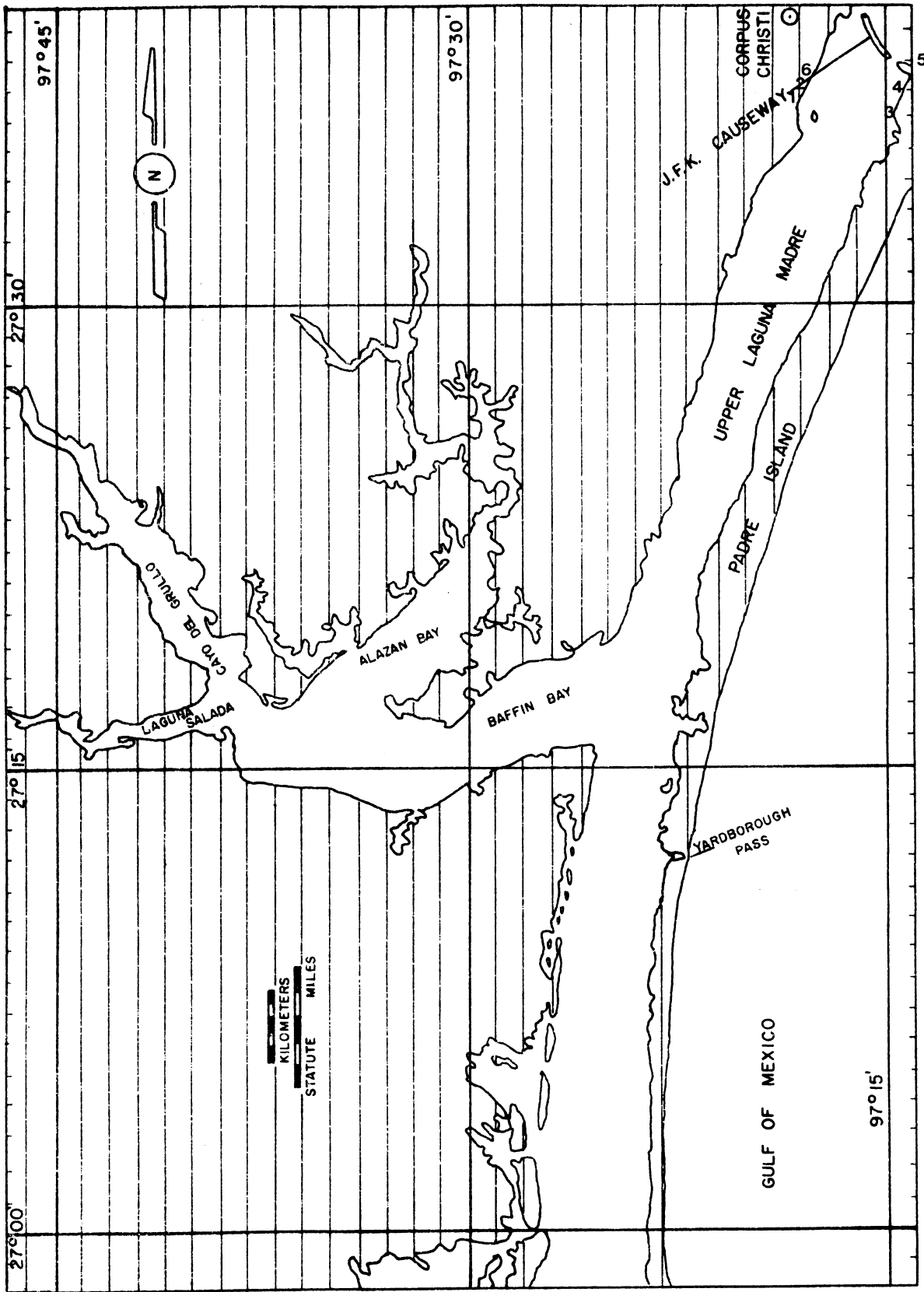
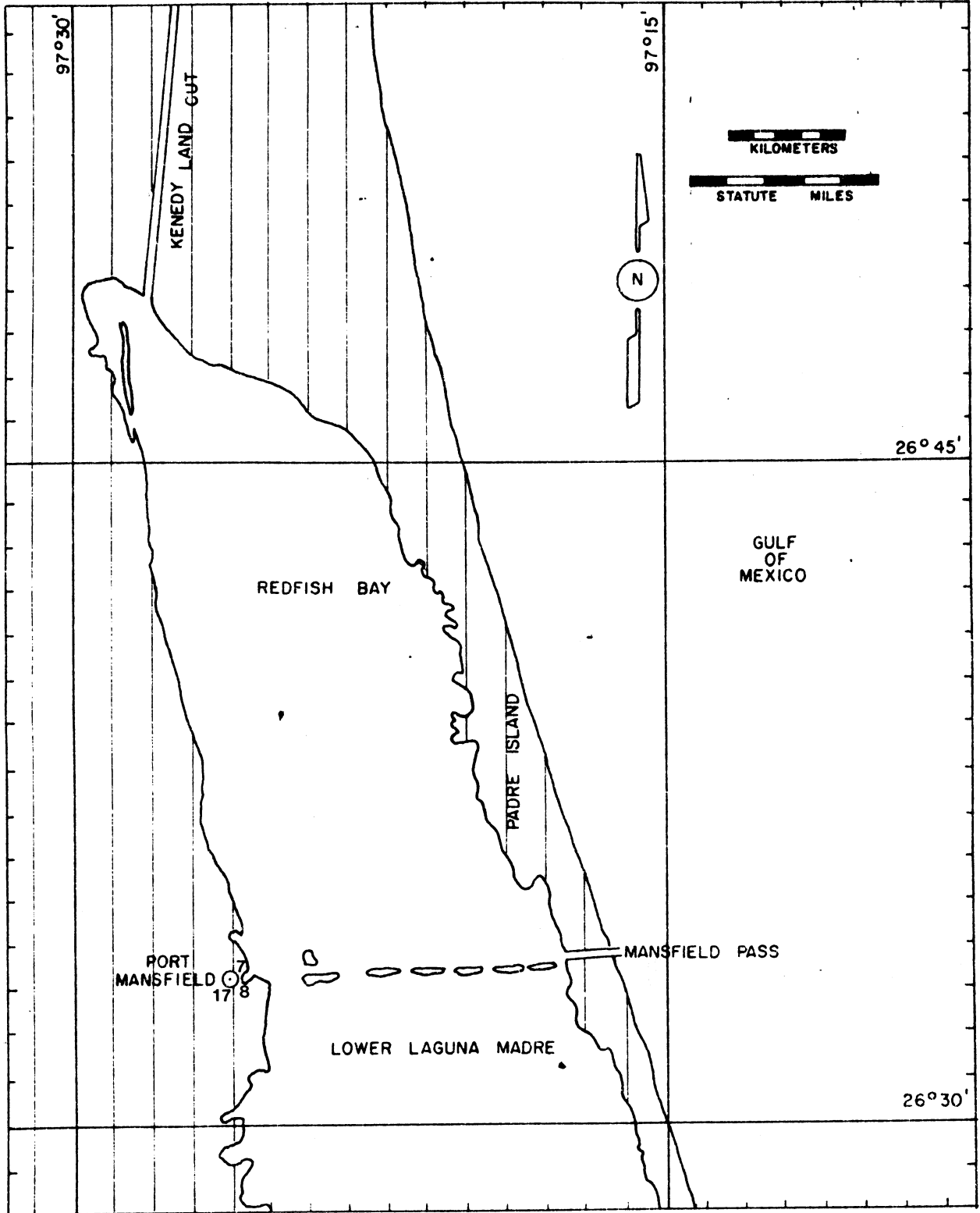
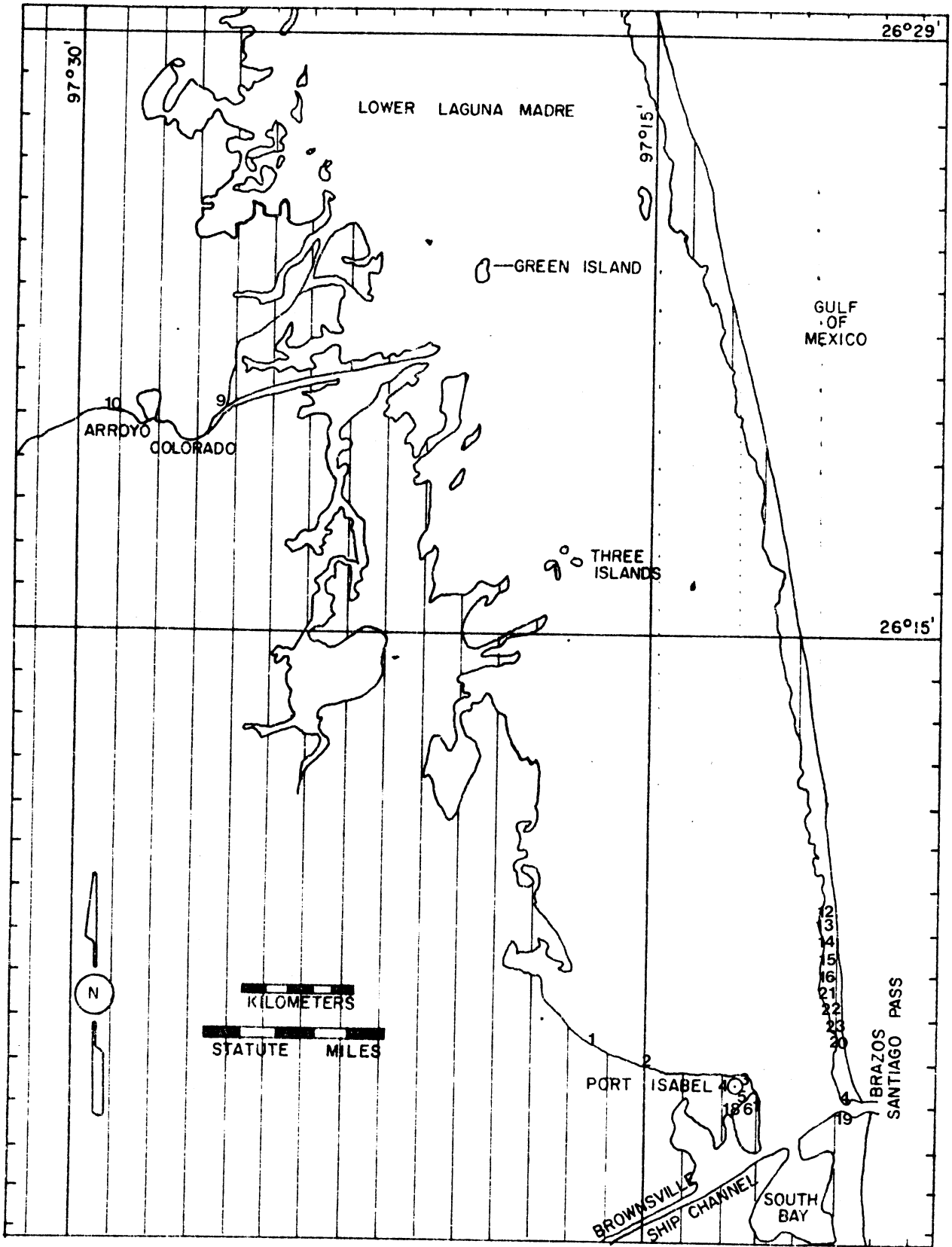


Figure 8. Non-surveyed boat access sites identified in the lower Laguna Madre Bay system (December 1982-January 1983).





Appendix A: Boat access sites surveyed as of May 1983.

Table A.1. Boat access sites in Texas bay systems May 1983. Bold type designates sites with wet slips or dry storage.

Bay system	Minor Bay	Station number		Latitude	Longitude	Station identification	
		In use	Deleted				
Galveston	330	3	(1)	29°41'00"	94°52'00"	(Cedar Bayou Outflow - Deleted 12/1/77)	
	180	4	(2)	29°40'56"	94°56'09"	(Woodall's - Deleted 7/26/81)	
	330	5		29°43'20"	94°56'35"	Crawleys Ramp - Members only	
	312	6		29°42'38"	95°00'24"	Thompson's Ramp	
	180	7		29°41'09"	94°59'03"	Roseland Park Ramp	
	180	8		29°38'55"	95°00'42"	Tabb's Bay Ramp	
						Morgan's Point Ramp	
						Sylvan Beach Ramp	
			(9)			(Oddo's - Deleted 9/1/80)	
						State Boat Ramp Clear Creek Channel	
	111	10				Galveston County Park Ramp (Bacliff)	
	180	11			29°30'44"	94°58'39"	HL&P Galveston County Park Ramp
	180	12			29°30'23"	94°57'26"	San Leon Marina Ramp
	180	13			29°29'47"	94°54'58"	Eagle Point Camp Ramp
	180	14			29°29'46"	94°54'36"	April Fool Point lift (includes 35 wet slips)
	180	15			29°28'19"	94°55'32"	Marge's Bait Camp Ramp
	141	16			29°28'51"	94°56'10"	(Fiesta Marina-Deleted 11/20/82)
			(17)				Lakeway Ramp and Simpson's Ramp
	241	18			29°35'13"	94°55'39"	(White Heron Resorts - Deleted 8/31/75)
			(19)				(Moses Lake Bait Camp - Deleted 11/21/82)
			(20)				Mowles Camp Ramp
	241	21			29°23'28"	94°53'12"	C.C. Camp Ramp
	180	22			29°23'20"	94°53'03"	(Dollar Pt. Public Ramp - Deleted 8/31/75)
			(23)				Rilat's Ramp
	180	24			29°23'20"	94°53'01"	Dub's Ramp
	180	25			29°23'20"	94°53'01"	Curl's Ramp
	180	26			29°23'09"	94°52'21"	Public Ramp (Texas City Dike)
	180	27			29°23'00"	94°51'56"	Public Ramp (Texas City Dike)
	180	28			29°22'54"	94°50'51"	Public Ramp (Texas City Dike)
	180	29			29°22'00"	94°48'59"	Texas City Dike Marina Ramps
	201	30			29°18'23"	94°54'22"	Jones Lake State Boat Ramp
			(31)				(Intracoastal Inn - Deleted 9/1/78)
			(32)				(Terry's Lucky 7 - Deleted 10/1/79)
201	33			29°19'50"	94°56'39"	Kelly's Ramp (includes rent boats)	

Table A.1. (Cont'd.).

Bay system	Minor Bay	Station number		Latitude	Longitude	Station identification
		In use	Deleted			
Galveston	201	34		29°19'54"	94°56'47"	Louis' Ramp (includes rent boats)
	191	35	(36)	29°17'06"	95°07'41"	Hall's Bayou Camp Ramp (Snug Harbor Marina - Deleted 12/1/78)
	100	37		29°15'11"	95°13'58"	Lute's Marina Boat Lift
	100	38		29°13'43"	95°12'31"	Chocolate Bay State Boat Ramp
	50	39		29°05'24"	95°16'39"	Marlin Marina Ramp
	50	40		29°05'37"	95°17'00"	State Ramp - Bastrop Bayou - (under bridge)
	50	41		29°04'53"	95°17'13"	Jack Booth's Ramp Bastrop Marina (includes boats in wet slips)
						(Shell Ramp (Christmas Bay) - Deleted 12/1/78)
	110	43	(42)	29°02'52"	95°09'56"	Sy's Bait Camp Ramp
						Galveston-Freeport Campground Ramp - (Deleted 11-21-84)
						(Public Launching - Shoreline - Deleted 9/1/80)
					(San Luis Pass Bait Camp - Deleted 5/15/82)	
					Bay Harbor Ramps	
350	47		29°07'45"	95°04'22"	Terramar Beach Ramp	
350	48		29°07'55"	95°03'49"	Sea Isle Ramps	
350	49		29°08'42"	95°02'48"	Jamaica Beach Marina Ramp	
350	50		29°12'00"	94°59'16"	Jamaica Beach Boat Ramp	
350	51		29°11'37"	94°58'56"	Boat Trailers at non-designated ramps	
					Pirate's Beach Marina Ramp	
350	53		29°12'31"	94°56'57"	Pirate's Beach Boat Ramp	
350	54		29°13'04"	94°56'34"	Andy's Bait Camp Ramp	
350	55		29°15'38"	94°54'20"	Public Ramp	
					(73rd Street County Park - Deleted 7/28/81)	
350	57	(56)	29°17'03"	94°50'09"	61st Street County Park Ramp	
					(Bayou Bay Marina - Deleted 9/1/79)	
350	59	(58)	26°14'49"	94°52'07"	Newell Marina Ramp	
					(M&M Camp - Deleted 9/1/79)	
350	61	(60)	29°17'14"	94°52'19"	Payco Marina Ramp (includes closest dock of wet slips, Dock B, 46 slips)	
					Pleasure Island Ramp	
350	62		29°17'18"	94°52'23"	Jim Reid's Ramp	
180	63		29°23'03"	94°46'05"		

Table A.1. (Cont'd.).

Bay system	Minor Bay	Station number		Latitude	Longitude	Station identification
		In use	Deleted			
Galveston	180	64	(65)	29°23'04"	94°46'05"	Shirley's Cafeteria Ramp (Johnson Road - Deleted 3/20/78)
	150	66		29°25'48"	94°42'37"	Bolivar Bait Camp Ramp (includes boats in 2 boat houses)
	50	67		29°05'10"	95°16'44"	2-J's Harbor (Demi-John) - Deleted 8/31/75; reopened 5/15/83
	150	70	(68) (69)	29°28'50"	94°36'16"	(B&P Camp - Deleted 7/15/81) (Bob's Camp - Deleted 9/6/79)
	296	72	(71)	29°30'51"	94°30'45"	Stingaree Marina Ramp (Chocolate Bayou Marina - Deleted 8/31/75)
	330	73		29°32'09"	94°46'54"	Charles W. Lauderdale Public County Boat Ramp
	330	74		29°39'11"	94°41'35"	Smith Point Ramp (Van-to-Un and Robbin's Park)
	330	75		29°45'19"	94°41'29"	Oak Island County Ramp Fort Anahuac Park Ramp
	141	78	(76)	29°28'24"	94°57'17"	(Anahuac State Ramp - Deleted 12/1/78)
	063	79	(77)	29°48'17"	94°48'35"	(Will's - Deleted 11/21/82)
	91	80		29°20'06"	94°45'07"	Dickinson Bayou Public Ramp Cotton Lake Ramp
	91	81		29°20'02"	94°41'52"	Wilson's Ramp Waddell's Ramp
	91	82		29°22'06"	94°45'04"	North Galveston Jetty Ramp
	180	83		29°19'02"	94°46'32"	Galveston Yacht Basin Ramp
	241	84		29°25'08"	94°55'34"	The Fish Spot Ramp
123	85		29°33'51"	95°04'03"	Clear Lake Ramp	
142	86		29°25'19"	94°53'29"	Dollar Bay Ramp	
141	87		29°29'08"	94°55'58"	Cotton's Bait Camp Ramp	
172	88		28°59'53"	95°13'57"	Brazoria County Ramp 57 A (Third Street)	
150	89	(90)	29°35'41"	94°23'24"	High Island State Boat Ramp (San Jacinto Bay Bridge - Deleted 10/3/81)	
180	91	(92)	29°37'25"	95°00'34"	Shoreacres Ramp (Tiger Marina - Deleted 10/3/81)	
191	93		29°17'14"	95°08'01"	Hall's Bayou Bridge Ramp	
100	94		29°14'38"	95°13'59"	Horseshoe Bend Marina Ramp	
150	95		29°28'45"	94°36'16"	Charpiot Ramp - Opened 7/15/81	

Table A.1. (Cont'd.).

Bay system	Minor Bay	Station number		Latitude	Longitude	Station identification
		In use	Deleted			
Galveston	201	96		29°19'49"	94°56'12"	Omega Bay Ramp - Opened 7/26/81
	50	97		29°04'56"	95°17'11"	Bastrop Bayou Private Ramp - Opened 7/26/81
	560	98		28°53'57"	95°29'33"	Ernie's Acres Ramp (Freeport)
	172	99		28°57'22"	95°17'12"	Dolphin Street Ramp (Freeport)
	172	100		28°58'47"	95°16'05"	Brazoria County Ramp 57A (Bay Street, Freeport)
	172	101		28°57'46"	95°17'34"	Bridge Harbor Marina Ramp (Freeport)
	172	102		28°57'22"	95°17'32"	State Ramp (Freeport) - (under ICW bridge)
	560	103		28°52'30"	95°27'19"	Ducroz Ramp (Freeport)
	265	104		29°00'36"	95°19'34"	Oyster Creek Ramp (Freeport)
	570	105		28°57'42"	95°22'13"	City Ramp (in Freeport Municipal Park)(Freeport)
	266	106		28°57'21"	95°21'41"	City Ramp (by Community center/tennis courts) (Freeport)
	265	107		29°00'07"	95°18'26"	Turtle Cove Ramp (Freeport)
	560	108		28°52'35"	95°27'34"	Bennet's Motel Ramp
	560	109		28°52'11"	95°26'46"	Public Ramp (Freeport)
	91	110		29°20'02"	94°41'47"	Tugboat Eddies Ramp (Freeport)
	570	111		28°53'59"	95°23'03"	New Brazos River Ramp (at end of dike in Freeport)
	350	112		28°18'09"	94°53'58"	Harbor Cove Ramp
	241	113		29°25'15"	94°55'34"	Ray Marine and Bait Camp Ramp
	123	114		29°33'00"	95°01'45"	Clear Lake Shores Ramp
	150	115		29°25'43"	94°42'07"	Boyt Road Boat Ramp
	180	116		29°19'02"	94°46'32"	Galveston Yacht Basin Boat Barn (party boats)
	180	117		29°19'02"	94°46'32"	Galveston Yacht Basin Dock A (46 slips; party boats)
	180	118		29°19'02"	94°46'32"	Galveston Yacht Basin Dock B (116 slips; party boats)
	180	119		29°19'02"	94°46'32"	Galveston Yacht Basin Dock C (116 slips; party boats)
	180	120		29°19'02"	94°46'32"	Galveston Yacht Basin Dock D (116 slips; party boats)
	350	121		29°16'38"	94°50'48"	Pirates Cove Apts. Ramp
350	122		29°15'47"	94°50'29"	Havre Lafitte Ramp	
530	123		29°04'33"	95°07'50"	Treasure Island Ramp	
265	124		29°00'07"	95°18'26"	Turtle Cove North Shore Boat Shed	
265	125		29°00'07"	95°18'26"	Turtle Cove South Shore Boat Shed	
265	126		29°00'08"	95°18'06"	Hide-A-Way on the Gulf Ramps	
172	127		29°00'28"	95°18'57"	Kirby Marina (72 wet slips)	
50	128		29°05'48"	95°16'59"	B&H Bait Camp Ramp	
50	129		29°05'24"	95°16'39"	Marlin Marina Boat Shed (14 wet slips)	

Table A.1. (Cont'd.).

Bay system	Minor Bay	Station number		Latitude	Longitude	Station identification
		In use	Deleted			
Galveston	100	130		29°14'38"	95°13'59"	Horseshoe Bend Camp Boat Shed (22 wet slips)
	321	131		29°34'27"	95°03'05"	Timber Cove Subdivision Ramp (Taylor Lake)
	172	132		28°57'46"	95°17'34"	Bridge Harbor Canal Front Slips (30 slips; party boats)
	172	133		28°57'46"	95°17'34"	Bridge Harbor Canal Dock A (32 slips; party boats)
	172	134		28°57'46"	95°17'34"	Bridge Harbor Canal Dock B (32 slips; party boats)
	172	135		28°57'46"	95°17'34"	Bridge Harbor Canal Dock C (32 slips; party boats)
	172	136		28°57'46"	95°17'34"	Bridge Harbor Canal Dock D (36 slips; party boats)
	172	137		28°57'46"	95°17'34"	Bridge Harbor Canal Dock E (40 slips; party boats)
	201	138		29°18'09"	94°53'58"	Harbor Cove Wet Slips (50 wet slips)
	350	139		29°17'14"	94°52'19"	Payco Marina Boat Shed and Second Dock of Wet Slips (Dock C (24 wet slips))
	100	140		29°15'11"	95°13'58"	Lutes Marina Ramp and Boat House (40 wet slips; party boats)
	172	141		28°57'31"	95°18'16"	Beach, Bait and Tackle Ramp
	180	142		29°29'47"	94°54'58"	San Leon Marina Boat Sheds (2 boat sheds; party boats)
180	143		29°17'39"	94°51'23"	Bonno's Bait Camp Ramp	
180	144		29°35'51"	94°59'10"	El Jardin Ramp	
Matagorda	360	1		28°25'55"	96°26'04"	Doc's Dock Ramp
	360	2		28°26'23"	96°24'52"	Fishing Center Ramp
	360	3		28°26'12"	96°25'26"	Bobbie's Ramp (includes boats in wet slips and La Pesca party boats)
	360	4		28°30'41"	96°29'20"	Indianola Fishing Center Ramp (includes boats in wet slips)

Table A.1. (Cont'd.).

Bay system	Minor Bay	Station number		Latitude	Longitude	Station identification	
		In use	Deleted				
Matagorda	220	5		28°33'40"	96°32'21"	Magnolia Ramp	
	112	6		28°34'41"	96°39'00"	Chocolate Bayou Ramp	
	220	7		28°35'43"	96°37'09"	Harbor Refuge Ramp	
	220	8		28°38'20"	96°36'44"	Lavaca Causeway Ramp (includes boats in wet slips)	
	220	9		28°40'53"	96°33'45"	Point Comfort Ramp	
	210	10		28°38'24"	96°27'30"	Olivia Ramp (includes boats in wet slips)	
	60	11		28°44'17"	96°24'05"	Crescent V Ramp	
	60	12		28°38'08"	96°21'22"	At Last Marina	
	340	13		28°43'13"	96°16'24"	Turtle Bridge Ramp	
	320	14		28°41'48"	96°13'47"	Hill Ramp (includes boats docked or in wet slips at trailer park camps)	
						(Palacios Bait Camp - Deleted 5/15/80)	
		320	16	(15)	28°42'20"	96°12'32"	East Bay Ramp
		320	18	(17)	28°40'10"	96°11'00"	(Grassy Point - Deleted 3/13/78)
		590	19		28°40'14"	95°57'52"	Palacios River Ramp
	590	20		28°38'22"	95°58'02"	River Bend Ramp	
						Al's Ramp	
						(Gilmer's - Closed 8/17/79 - Reopened 5/15/81; Closed 6/15/82)	
	590	22		28°37'04"	95°58'24"	Rawlings Ramp	
	160	23		28°42'37"	95°54'50"	UFO Ramp	
	160	24		28°46'20"	95°38'04"	Plunks Bait Camp (includes boats in wet slips)	
	160	25		28°46'16"	95°37'03"	Totsies' Marina Ramp (includes boats in wet slips)	
	590	26		28°36'03"	95°58'40"	Cherry's Ramp	
						(Bulkhead Marina - Deleted 5/15/80)	
	160	28	(27)	28°45'28"	95°46'23"	Chinquapin Ramp	
	60	29		28°38'16"	96°21'20"	The Wharf Ramp	
	160	30		28°38'37"	95°57'52"	St. Mary's Bayou Ramp	
	220	31		28°41'38"	96°39'50"	Six Mile Ramp	
	160	32		28°46'21"	95°36'55"	Don Juan Marina	
	320	33		28°42'33"	96°12'35"	Brookings Boat Shed (34 wet slips)	
	320	34		28°43'46"	96°11'10"	Collegeport Ramp	

Table A.1. (Cont'd.).

Bay system	Minor Bay	Station number		Latitude	Longitude	Station identification
		In use	Deleted			
Matagorda	210	35		28°41'15"	96°16'27"	Jensen's Point Ramp
	60	36		28°39'30"	96°24'54"	Port Alto Boat Shed (107 wet slips; 2 sheds, 54 and 53)
	220	37		28°39'38"	96°35'03"	East End of Port Lavaca Causeway (launching from shore)
	271	38		28°28'47"	96°33'05"	Powerhorn Bayou (launching from shore)
	360	39		28°26'17"	96°24'55"	Fishing Center Boat Sheds (2 boat sheds with 26 wet slips; party boats included)
	360	41	(40)	28°26'16"	96°24'57"	McKinney Boat Sheds (8 wet slips)
	360	42		28°26'17"	96°25'00"	Power's Boat Sheds (35 set slips)
	360	43		28°26'12"	96°25'17"	Alligator Head East Boat Sheds (20 wet slips)
	360	44		28°26'11"	96°25'18"	Alligator Head West Boat Sheds (49 wet slips)
	360	45		28°26'00"	96°25'48"	Weathersby's Boat Sheds (40 wet slips; 1 party boat)
		52				Boat trailers at non-designated ramps
San Antonio	170	1		28°26'23"	96°24'52"	Fishing Center Ramp
	170	2		28°25'55"	96°26'04"	Doc's Dock Ramp
	170	3		28°26'12"	96°25'26"	Bobbie's Ramp (includes boats in wet slips and La Pesca party boats)
	170	4		28°21'55"	96°34'38"	Fulghum's Ramp (includes boats in wet slips)
	300	5		28°23'24"	96°42'32"	Swan Point Ramp
	300	6		28°24'27"	96°42'38"	Seadrift Ramp
			(7)			(Austwell - Deleted 8/17/79)
	300	8		28°20'48"	96°47'38"	Hopper's Landing Ramp (includes boats in wet slips)
			(9)			(Pete's Bait Camp - Deleted 8/17/79)
			(10)			(Morgan's Bait Camp - Deleted 8/17/79)
	170	11		28°26'17"	96°24'55"	Fishing Center Boat Sheds (2 boat sheds with 26 wet slips; party boats included)

Table A.1. (Cont'd.).

Bay system	Minor Bay	Station number		Latitude	Longitude	Station identification
		In use	Deleted			
San Antonio	170	13	(12)	28°26'16"	96°24'57"	McKinney Boat Sheds (8 wet slips)
	170	14		28°26'17"	96°25'00"	Power's Boat Sheds (35 wet slips; 1 party boat)
	170	15		28°26'12"	96°25'17"	Alligator Head East Boat Sheds (19 wet slips)
	170	16		28°26'11"	96°25'18"	Alligator Head West Boat Sheds (49 wet slips)
	170	17		28°26'00"	96°25'48"	Weathersby's Boat Sheds (40 wet slips; 1 party boat)
		52				Boat trailers at non-designated ramps
Aransas	227	1		28°01'50"	97°02'19"	Little Bay Ramp
	20	2		28°03'36"	97°02'00"	Fulton Harbor Ramp (includes boats in Fulton Boat House)
	120	3		28°06'49"	97°01'32"	S. Copano Causeway Ramp
	20	4		28°08'13"	97°00'22"	Sea Gun Marina Ramp (includes boats in wet slips; party boats)
	310	5		28°07'43"	96°59'07"	Goose Island State Park Ramp
	310	6		28°08'24"	96°58'39"	St. Charles Marina Ramp (includes boats in wet slips)
	120	7		28°09'48"	97°00'35"	Holiday Beach Ramp
	120	8		28°05'07"	97°04'11"	Joe's Ramp (includes boats in wet slips)
	120	9		28°03'36"	97°07'37"	Klein's Rattlesnake Point Ramp
	270	10		27°59'35"	97°09'07"	Redfish Camp Ramp
	120	11		28°04'14"	97°13'08"	Glenn's Marina-Bayside Ramp
	280	12		27°54'47"	97°08'00"	Aransas Pass Boat Basin Ramp
	280	13		27°53'58"	97°08'14"	Louie's Bait Hut Ramp
	284	14		27°53'18"	97°06'42"	Fin & Feather Marina
	285	15		27°52'55"	97°05'57"	Redfish Bay Marina Ramp (includes rent boats and boats in wet slips)
	280	16		27°58'04"	97°05'21"	Palm Harbor Ramp (includes boats in wet slips)
	280	17		27°59'23"	97°04'42"	Cove Harbor Ramp
						(Port Bay - Deleted 11/20/82)
	20	19		28°01'28"	97°02'57"	Rockport Turning Basin Ramp (includes boats in boat basin wet slips)

Table A.1. (Cont'd.).

Bay system	Minor Bay	Station number		Latitude	Longitude	Station identification
		In use	Deleted			
Aransas	285	20		27°52'09"	97°05'51"	Bait Hut Ramp
	120	21		28°03'48"	97°06'40"	Pouzee's Ramp
	120	22		28°04'34"	97°13'10"	Bayside Public Ramp - Deleted 12/1/80; Reopened 11/20/82)
	285	23		27°52'28"	97°05'33"	Hogan's Ramp
	20	24		28°04'23"	97°02'07"	Sand Dollar Ramp
			(25)			(Key Allegro Marina - Deleted 5/15/82)
			(26)			(Key Allegro North Ramp - Deleted 12/1/80)
			(27)			(Racquet Club - Deleted 5/15/82)
	284	28		27°53'22"	97°08'53"	Aransas Airport Ramp
	96	29		27°50'19"	97°04'00"	Port Aransas Public Ramp
	96	30		27°50'18"	97°03'44"	Woody's Ramp
	227	31		28°03'07"	97°02'07"	Harbor Oaks Ramp
	227	32		28°02'30"	97°01'50"	Key Allegro Boat Shed (includes party boats)
	227	33		28°02'30"	97°01'50"	Key Allegro Boat Shed and T-Head (includes party boats)
	20	34		28°03'31"	97°02'00"	Sea Foam Motel Ramp (includes 6 wet slips)
	284	35		27°53'22"	97°08'48"	Harbor East with Marnot and Mac
	284	36		27°53'22"	97°08'59"	Harbor West
	96	37		27°50'18"	97°03'42"	Woody's West Docks ;(3 docks with 48 wet slips; party boats)
	96	38		27°50'18"	97°03'40"	Woody's East Dock (3 docks with 57 wet slips; party boats)
	96	39		27°50'19"	97°03'37"	Sportsman Center South (1 dock with 40 wet slips; party boats)
	96	40		27°50'21"	97°03'37"	Sportsman Center North (1 dock with 26 wet slips; party boats)
	120	41		28°04'34"	97°06'00"	Kellers Marina Boat Ramp
		52				Boat trailers at non-designated ramps

Table A.1. (Cont'd.).

Bay system	Minor Bay	Station number		Latitude	Longitude	Station identification
		In use	Deleted			
Corpus Christi	260	1		27°50'16"	97°22'52"	South Nueces Causeway Ramp (North Nueces Causeway - Deleted 10/27/80)
	130	3	(2)	27°50'16"	97°13'15"	Ingleside Cove State Ramp
	130	4		27°49'52"	97°13'29"	Bahia Mar Ramp (includes wet slips)
	130	5		27°49'21"	97°12'58"	Channel View Ramp
	284	7	(6)	27°53'22"	97°08'53"	(Warrens - Deleted 5/15/79)
	284	8		27°53'18"	97°06'42"	Aransas Airport Ramp
	130	9		27°44'14"	97°08'13"	Fin & Feather Marina
	130	10		27°42'39"	97°18'35"	Wilsons Cut Ramp
	130	11		27°47'24"	97°23'22"	Oso Bridge Ramp - (Deleted 10/27/80; Reopened 6/1/82)
	96	12		27°50'19"	97°04'00"	L-Head Ramp
	96	13		27°50'18"	97°03'44"	Port Aransas Public Ramp
	284	14		27°53'19"	97°08'44"	Woody's Ramp
	284	15		27°51'26"	97°10'07"	Causeway Ramp (includes 6 wet slips)
	370	16		27°38'02"	97°14'09"	Sun Oil Co. - (Deleted 11/20/81; Reopened 11/20/82)
	370	17		27°41'10"	97°15'31"	Billing's Ramp
	285	18		27°52'55"	97°05'57"	Naval Ramp (includes boats in boat houses and in wet slips)
	260	19		27°51'14"	97°21'30"	Redfish Bay Marina Ramp (includes rent boat and boats in wet slips)
	260	20		27°51'31"	97°21'04"	Gunderland Marina Ramp
	280	21		27°53'58"	97°08'14"	Portland Shell Bank Ramp
	284	22		27°53'22"	97°08'48"	Louie's Bait Stand Ramp
	284	23		27°53'22"	97°08'59"	Harbor East with Marnot and Mac
	96	24		27°50'21"	97°03'53"	Harbor West
	96	25		27°50'22"	97°03'50"	West City Docks (2 docks with 53 net slips; party boats)
	96	26		27°50'15"	97°03'59"	East City Docks (2 docks and bulkhead with 88 wet slips; party boats)
	96	27		27°50'17"	97°03'54"	Deep Sea Headquarters (11 party boat wet slips)
	96	28		27°50'18"	97°03'42"	Dolphin Docks (6 party boat wet slips)
						Woody's West Docks (3 docks with 48 wet slips; party boats)

Table A.1. (Cont'd.).

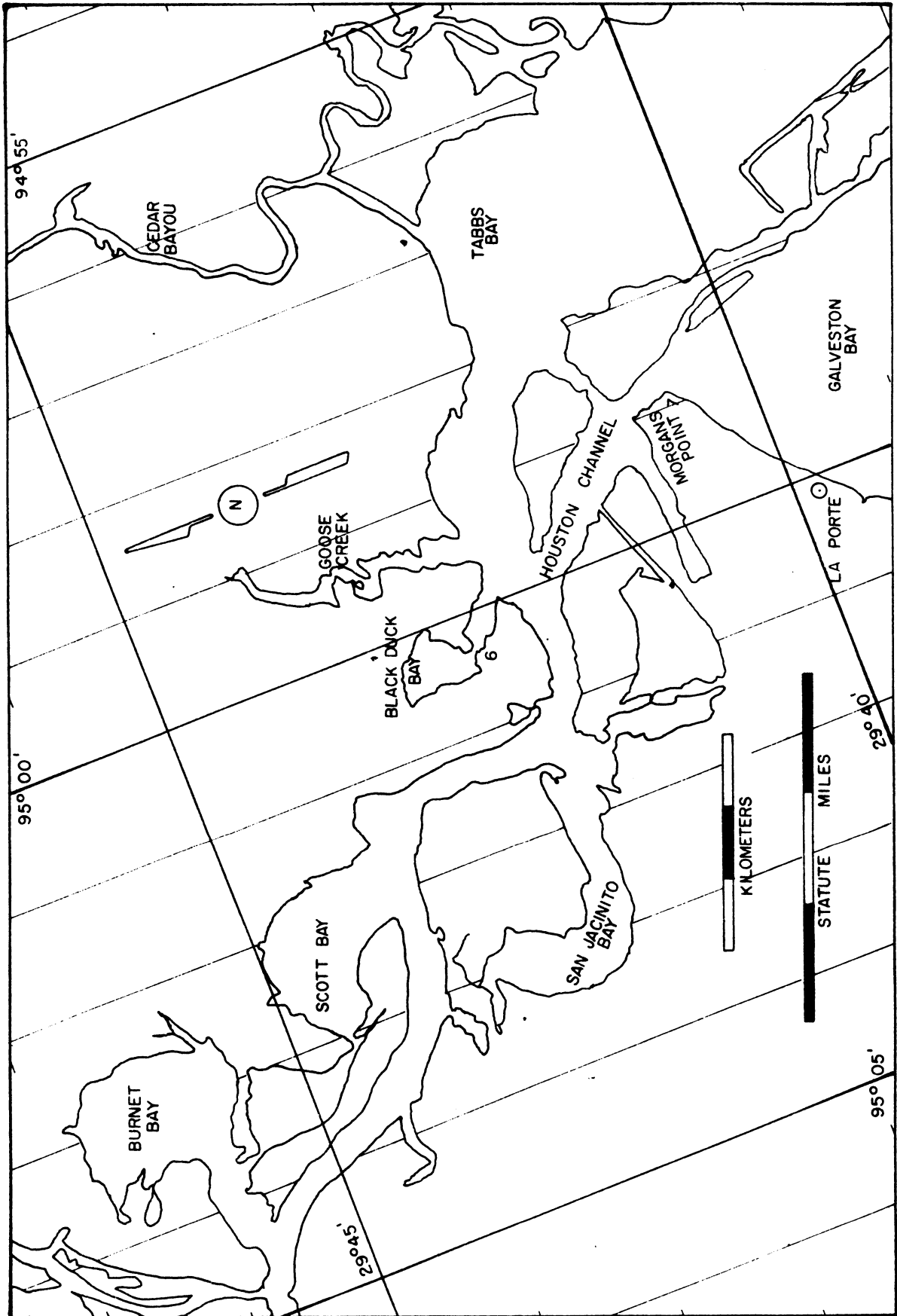
Bay system	Minor Bay	Station number		Latitude	Longitude	Station identification
		In use	Deleted			
Corpus Christi	96	29		27°50'18"	97°03'40"	Woody's East Docks (3 docks with 57 wet slips; party boats)
	96	30		27°50'19"	97°03'37"	Sportsmen Center South (1 dock with 40 wet slips; party boats)
	96	31		27°50'21"	97°03'37"	Sportsmen Center North (1 dock with 26 wet slips; party boats)
	96	32		27°50'22"	97°03'33"	Fisherman's Wharf (5 party boat wet slips)
	93	33		27°50'15"	97°03'11"	U.T. Boat Basin (42 wet slips)
		52				Boat trailers at non-designated ramps
Upper Laguna Madre	370	1		27°36'42"	97°17'40"	Bluff Landing Ramp (includes boats in wet slips)
	370	2		27°36'57"	97°17'40"	Jerry's Ramp
	370	3		27°37'44"	97°17'21"	Tropic Isles Ramp
	370	4		27°37'53"	97°17'21"	Coburn's Ramp
	370	5		27°39'44"	97°16'12"	Laguna Marine Ramp
			(6)			Toll Gate Ramp
			(7)			(Whitt's - Deleted 5/15/82)
						(Fisherman's Folly - Deleted 5/15/81)
	370	8		27°38'03"	97°14'21"	Water Works Ramp & Rent Boats
	370	9		27°38'06"	97°14'21"	B.G.'s Ramp
	370	10		27°38'02"	97°14'16"	Rainbow Ramp
	370	11		27°38'04"	97°14'16"	Clem's Ramp
	370	12		27°38'02"	97°14'09"	Billing's Ramp
	370	13		27°37'25"	97°13'31"	P.I.V. Ramp I
	370	14		27°40'20"	97°16'09"	Boat Hole Ramp
	370	15		27°41'10"	97°15'31"	Naval Ramp
	80	16		27°19'08"	97°40'56"	Kaufer Ramp
	40	17		27°17'18"	97°39'41"	Kratz's Ramp
	211	18		27°16'38"	97°42'29"	Williamson's Ramp
	370	19		27°28'22"	97°18'31"	Bird Island Basin Ramp
	370	20		27°36'51"	97°18'04"	Whiteleys Basin Ramp

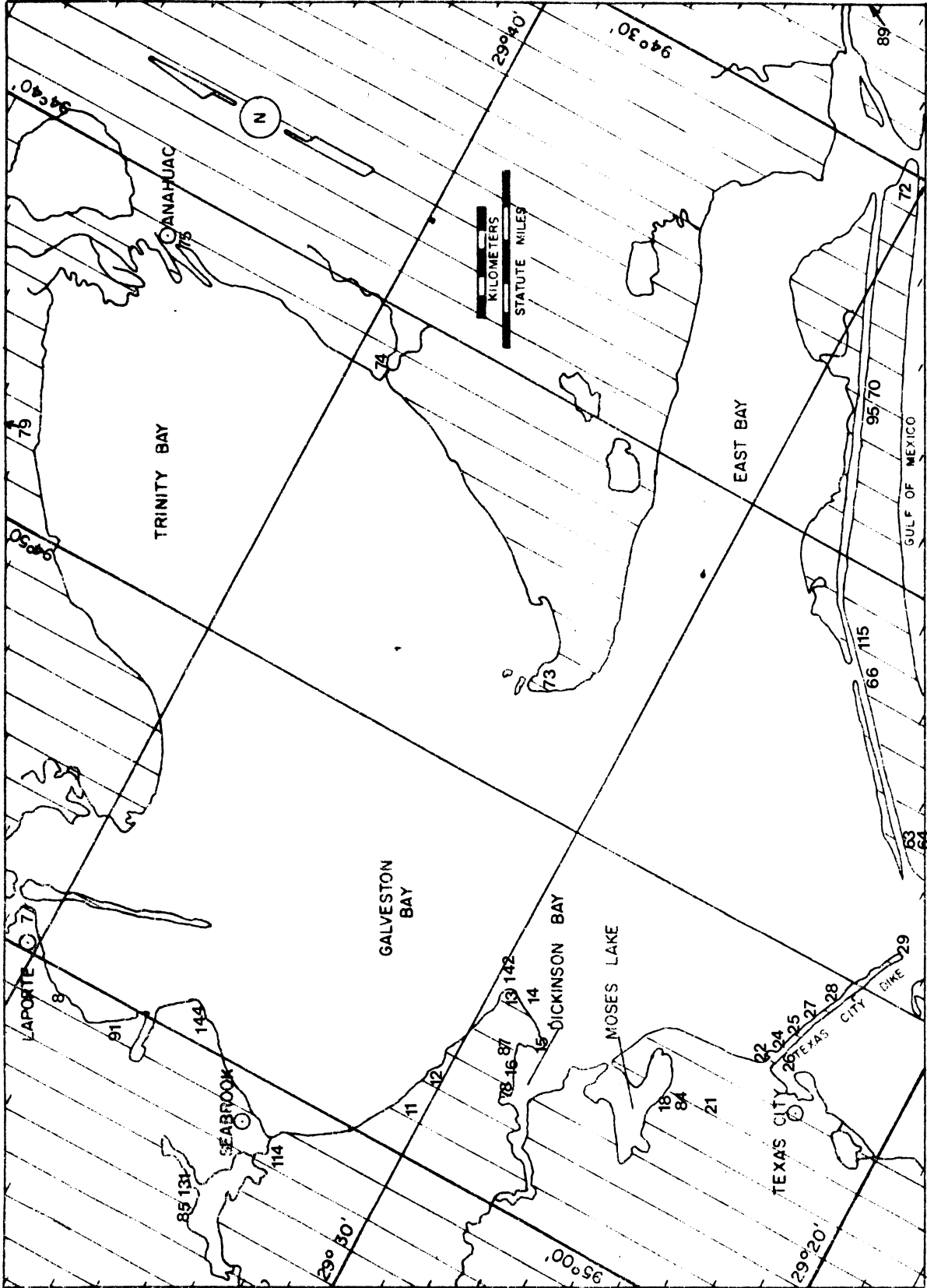
Table A. 1. (Cont'd.).

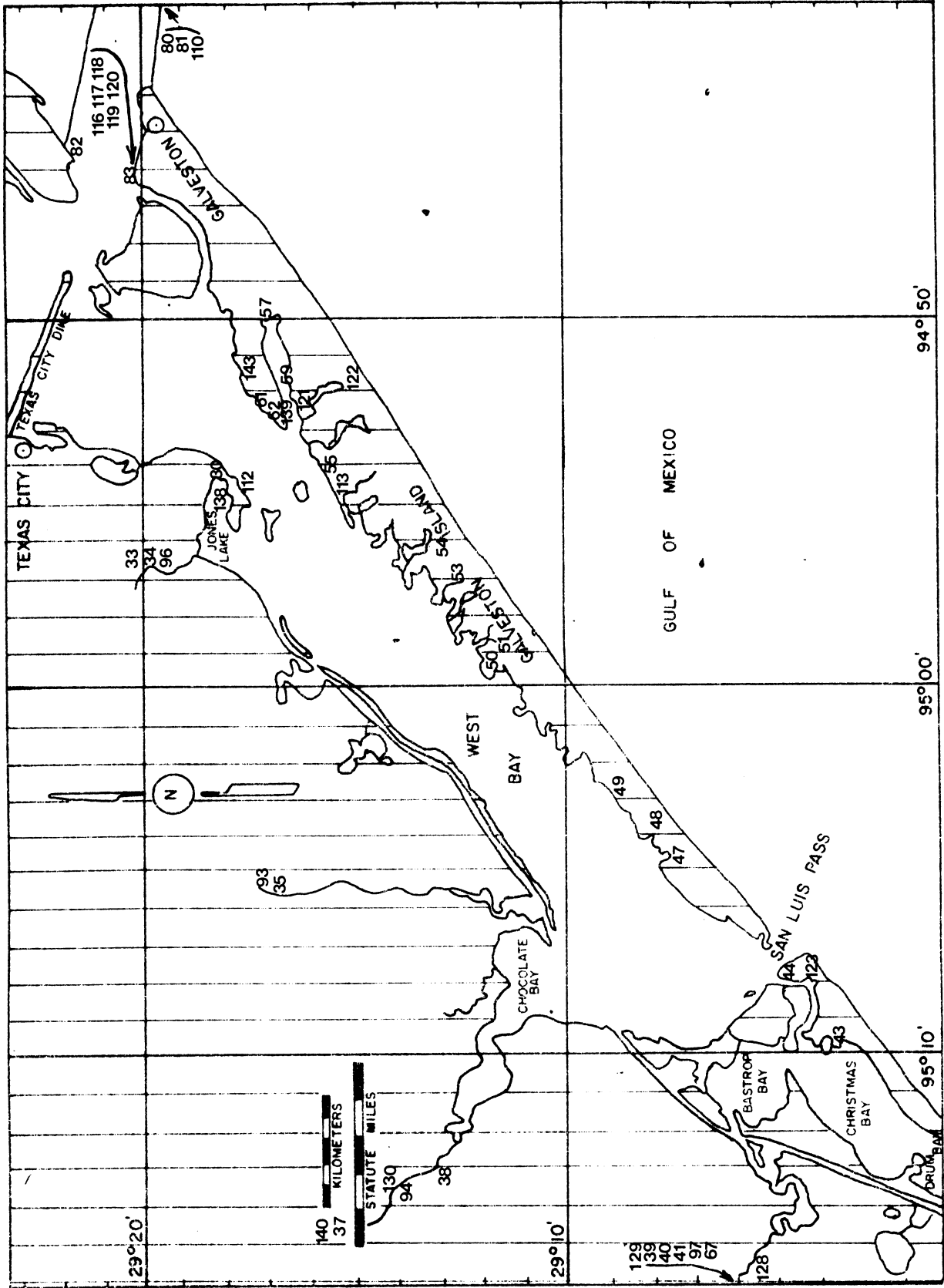
Bay system	Minor Bay	Station number		Latitude	Longitude	Station identification
		In use	Deleted			
Upper Laguna Madre	370	21		27°36'08"	97°14'28"	P.I.V. Ramp II (White Cap and Caravel)
	370	22		27°36'42"	97°14'22"	P.I.V. Ramp III (End of Cobo de Caba)
	370	23		27°35'57"	97°13'50"	P.I.V. Ramp IV (Gypsy and Bounty Avenue)
	370	24		27°35'43"	97°13'51"	P.I.V. Ramp V (Fortuna Bay and Monte Pelle)
	370	25		27°35'21"	97°13'35"	P.I.V. Ramp VI (Encatada and Cruiser)
		52				Boat trailers at non-designated ramps
Lower Laguna Madre	230	1		26°06'09"	97°10'08"	Fisherman' Wharf (includes boats in wet slips; includes party boats)
	230	2		26°06'06"	97°10'08"	Jim's Ramp (includes boats in wet slips)
	230	3		26°05'05"	97°09'54"	Sea Ranch Ramp (includes party boats between boat ramp and headboat)
						(Jetties - Deleted 5/15/80)
						(Marchan's - Deleted 9/1/78)
						(Port Isabel - Deleted 9/1/76)
	230	7		26°05'03"	97°12'07"	White Sands Ramp (includes boats in wet slips)
	294	8		26°00'07"	97°17'55"	San Martin Ramp
	230	9		26°06'12"	97°17'25"	Laguna Vista Ramp (includes boats in wet slips)
	262	10		26°19'35"	97°27'15"	Arroyo Colorado Ramp
	262	11		26°20'10"	97°26'35"	Sanchez Ramp
					(Al's Place - Deleted 3/27/82)	
230	13		26°33'10"	97°25'40"	Willacy Navigation District Ramp	
282	14		26°33'20"	97°25'41"	Port Mansfield State Ramp	
282	15		26°33'26"	97°25'35"	Redfish Motel Ramp (includes boats in wet slips)	
					(12)	
230	17		26°33'05"	97°25'40"	(South Padre Marina - Deleted 3/27/82)	
230	18		26°04'42"	97°12'12"	Port Mansfield Boat Basin (includes boats in wet slips; party boats)	
230	19		26°04'36"	97°09'56"	Port Isabel Channel East Side (includes 45 wet slips in boat shed)	
230	20		26°05'55"	97°10'04"	Sea Ranch Motel (includes boat shed and wet slips)	
					Palm Bay Pier Ramp (includes 15 wet slips)	
					Boat trailers at non-designated ramps	
					(16)	
					(17)	
					(18)	
					(19)	
					(20)	
					(52)	

Appendix B. Area maps of boat access sites surveyed
as of May 1983.

Figure B.1. Boat access sites surveyed in the Galveston Bay system beginning May 1983.







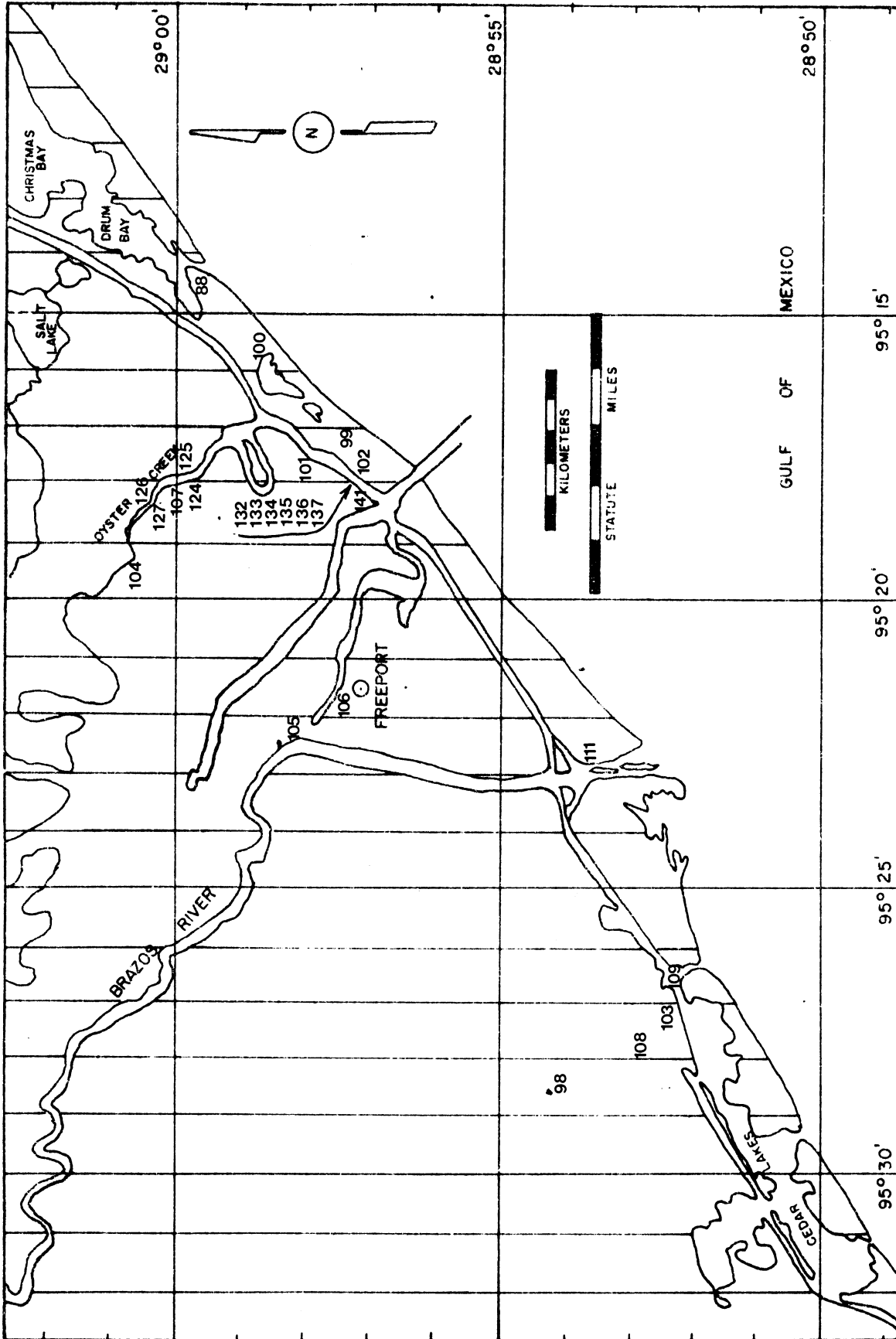
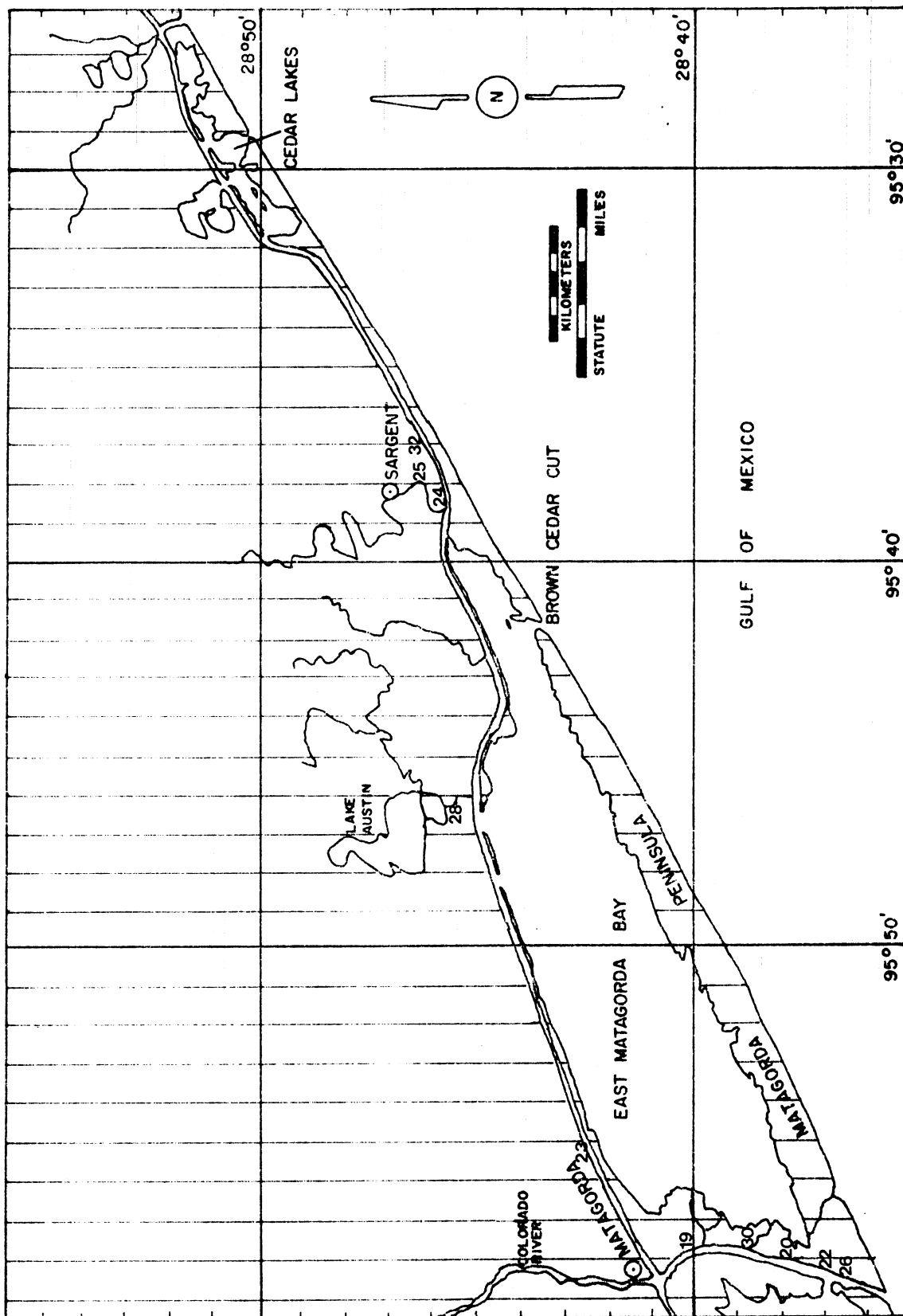


Figure B.2. Boat access sites surveyed in the Matagorda Bay system beginning May 1983.



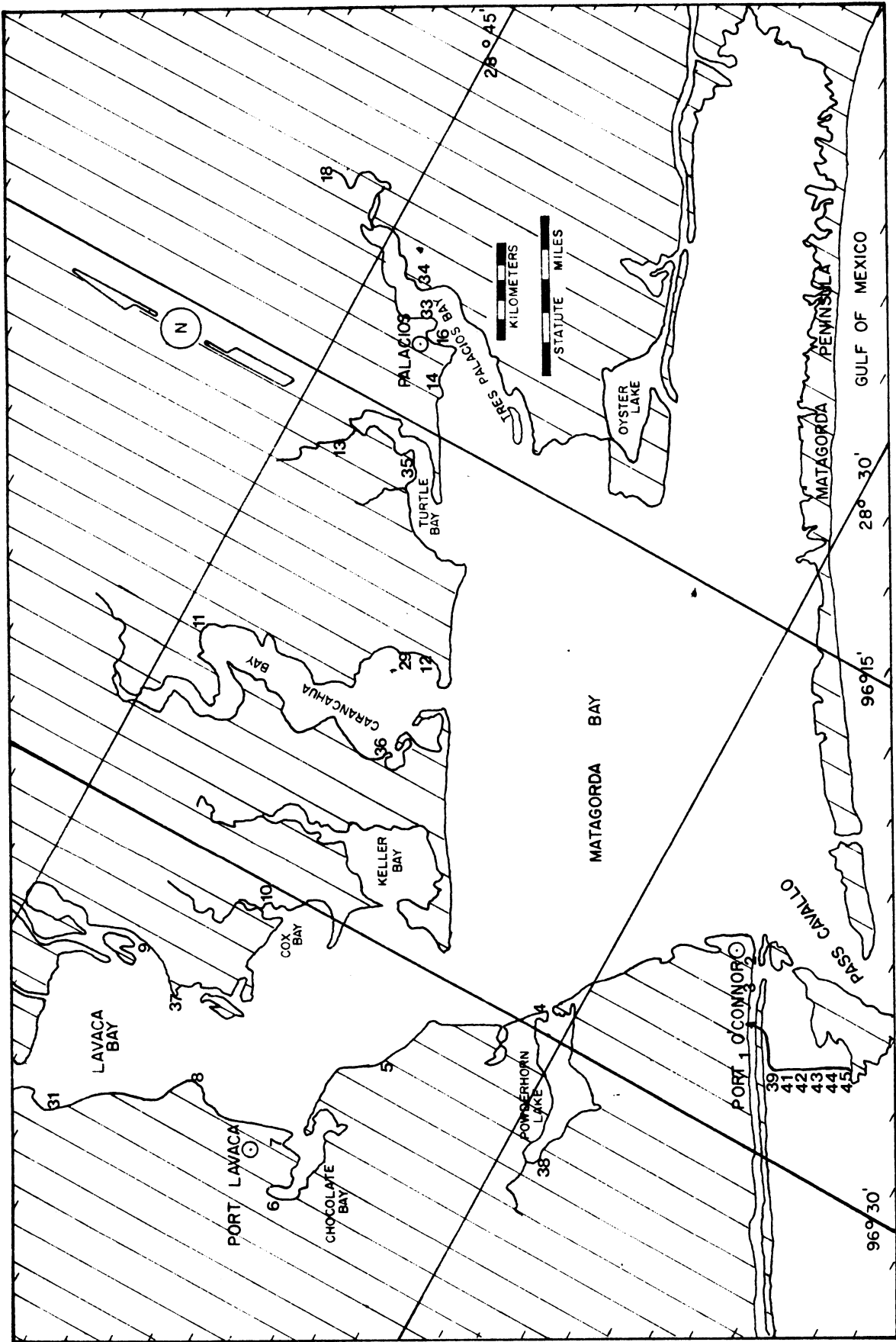


Figure B.3. Boat access sites surveyed in the San Antonio Bay system beginning May 1983.

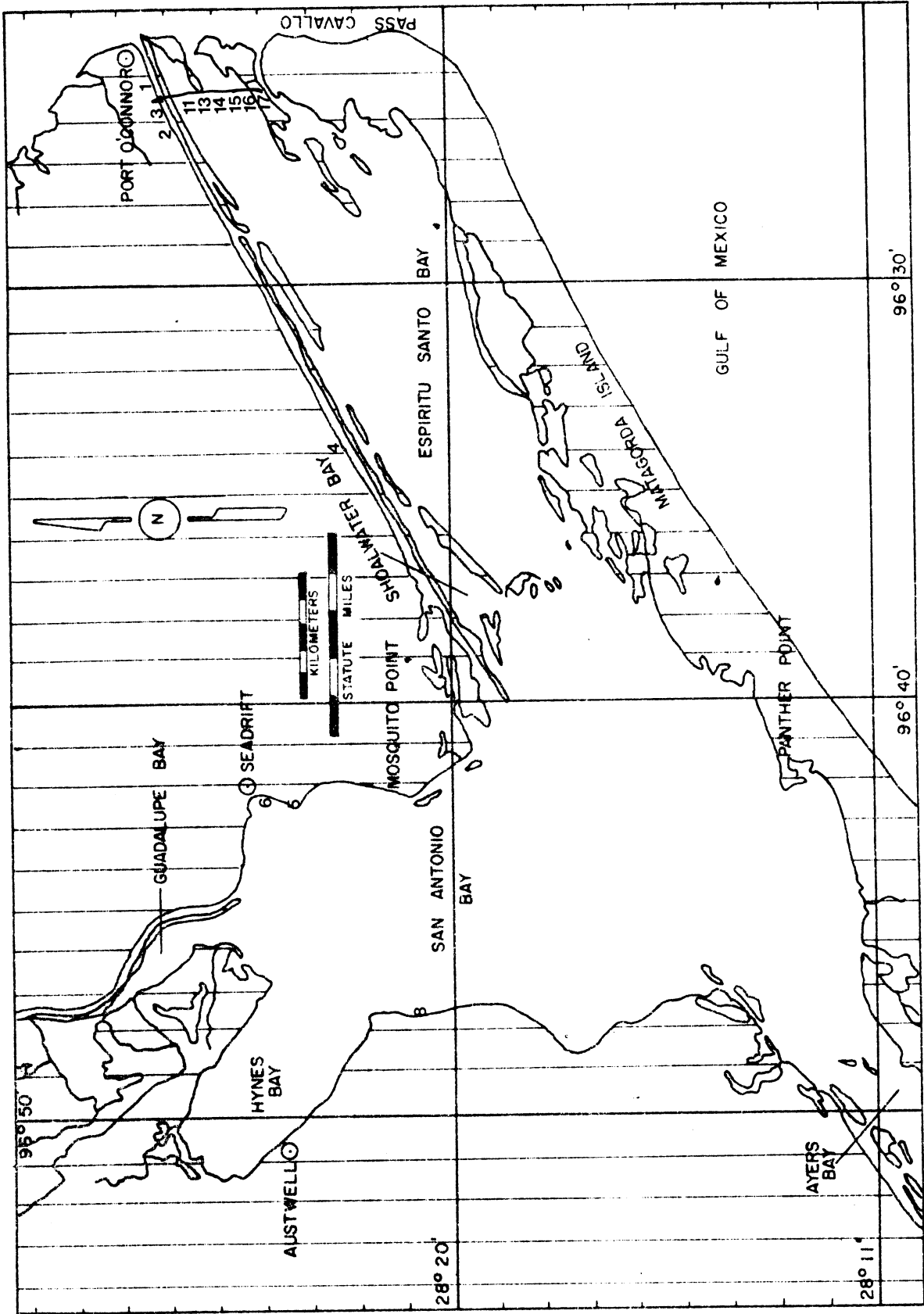


Figure B.4. Boat access sites surveyed in the Aransas Bay system beginning May 1983.

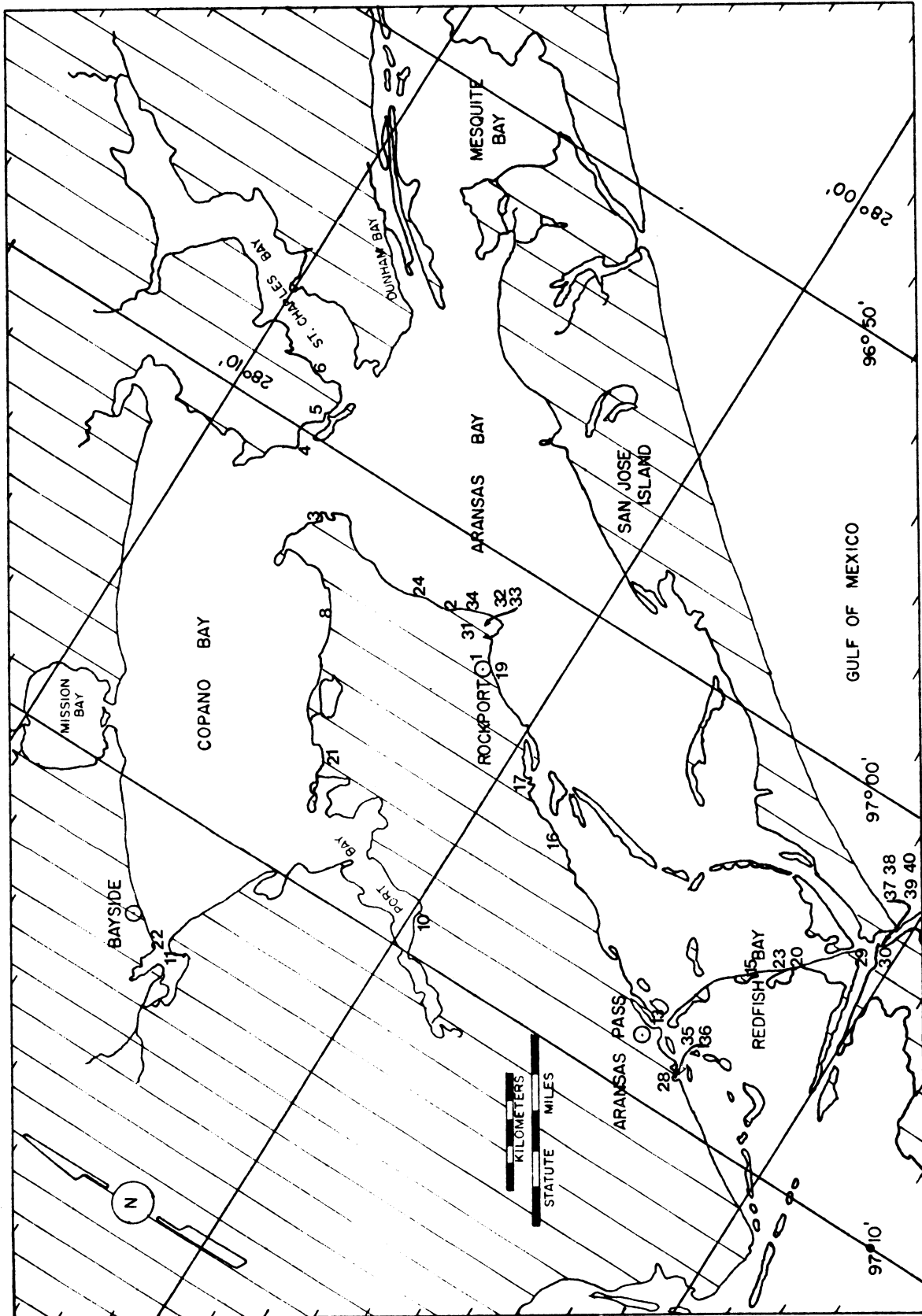


Figure B.5. Boat access sites surveyed in the Corpus Christi Bay system beginning May 1983.

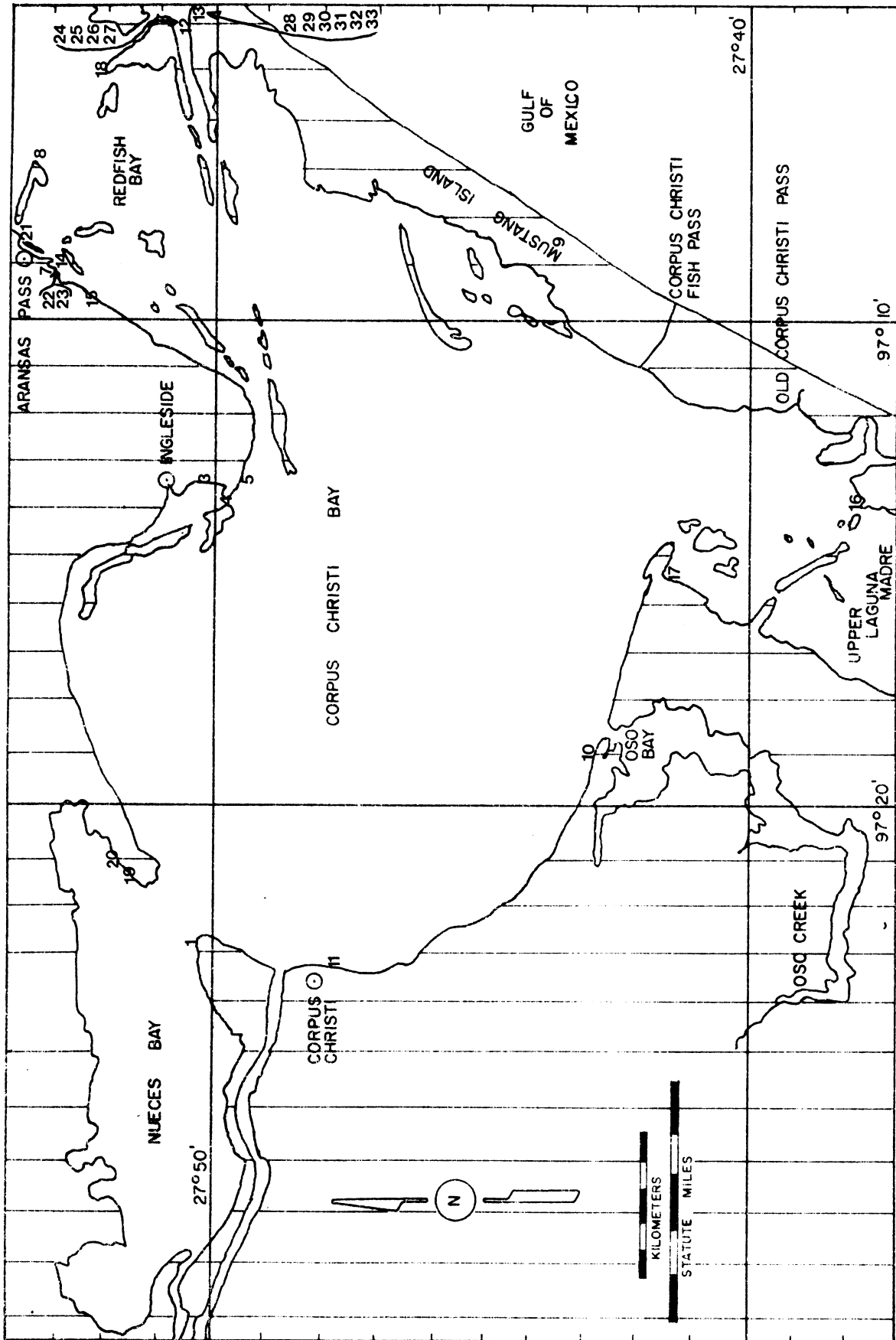


Figure B.6. Boat access sites surveyed in the upper Laguna Madre Bay system beginning May 1983.

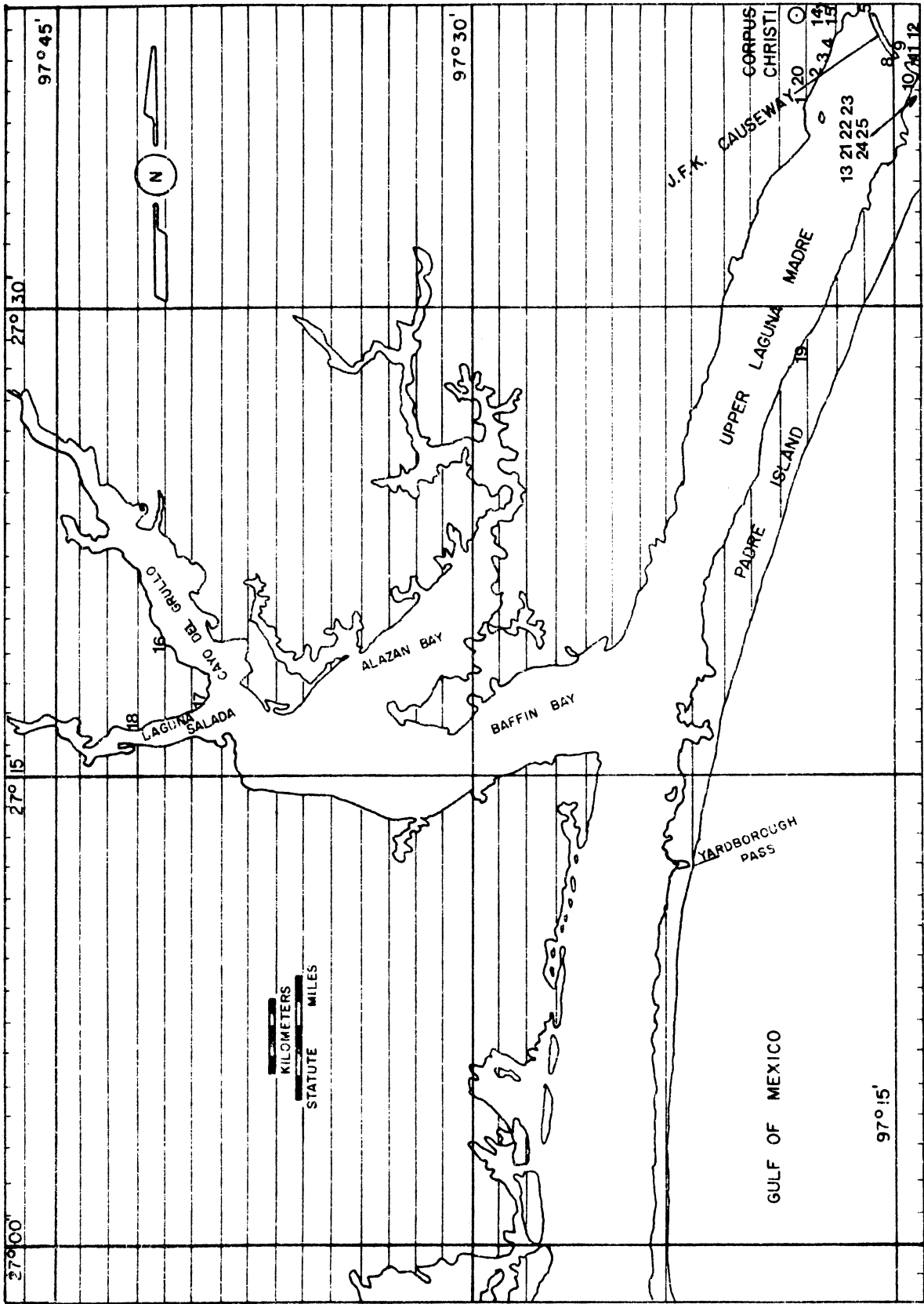


Figure B.7. Boat access sites surveyed in the lower Laguna Madre Bay system beginning May 1983.

