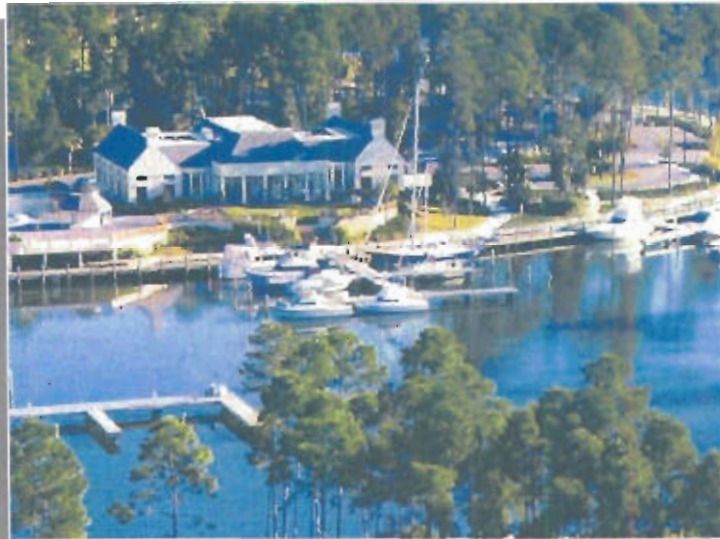




DREDGING AND SPOIL DISPOSAL NEEDS ASSESSMENT

SOUTH CAROLINA COASTAL MARINAS



PREPARED FOR
*OFFICE OF OCEAN AND
COASTAL RESOURCE
MANAGEMENT
SOUTH CAROLINA*

THOMAS & HUTTON ENGINEERING CO.
SAVANNAH, GEORGIA



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JANUARY 27, 2005

**THOMAS & HUTTON ENGINEERING CO.
SAVANNAH, GEORGIA**

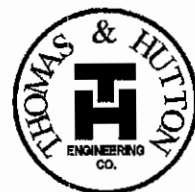
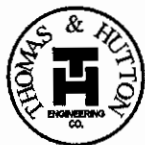


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SECTION I. INTRODUCTION

The South Carolina coastal zone contains over 70 marinas, many of which predate OCRM regulations requiring newly constructed or expanded marinas to have an approved deed restricted upland spoil site, or to be able to demonstrate permanent access to such a site for the disposal of dredged spoil material. The Council on Coastal Futures released a report in June 2004 outlining recommendations that deal with the South Carolina coast and its proper management of marina dredging permitting. One of the recommendations made by the Council was the development of a coast-wide dredging and spoil disposal assessment for the South Carolina coastal zone and its marinas. Thomas & Hutton Engineering Co. has been requested by the South Carolina DHEC's Office of Ocean and Coastal Resource Management to assist in the development of a dredge and spoil disposal needs assessment for the coastal marinas of South Carolina.

A questionnaire was developed outlining specific issues and information regarding the marina location, size, operations, dredging and spoil disposal history, and expected future needs. This survey was sent to coastal marinas based on lists obtained from OCRM and the South Carolina Marina Association. A copy of this survey and returned questionnaires are included in this report (Exhibits A and B respectively).



SECTION II. SURVEY RESULTS

The surveys were sent with request that they be completed and returned within a short time period in order to assess and document the responses. Additional efforts were made via follow-up telephone contact and address research to ensure the facilities received the questionnaires however several were returned with incorrect or insufficient addresses of the marinas. With the help of the South Carolina Marina Association, each marina identified on the list was contacted and requested to complete and return the surveys. In many cases, the marinas did not get the survey due to their proximity to their corporate business or operations office.

In general, the majority of the respondents indicated that future dredging activities are not planned either due to minimal siltation occurring at their facility or lack of funding to accomplish the costly dredging operation.

Much of the feedback from the marina owners/operators on the returned surveys centered on the dredge permitting process as well as the difficulties in locating accessible spoil disposal areas. Many respondents indicated their concern regarding the overall lengthy permitting process and the impact that this lengthy process has on their business. They expressed that by the time they recognize they have a dredging problem, and proceed through the dredging permitting and construction process, a two year period could expire resulting in a significant impact to their operations and business. Additional comments regarding spoil disposal areas include the need for centrally located sites for the marinas. One specific comment stated that having a nearby dedicated disposal site is difficult to maintain, unsightly, and can adversely impact nearby property values. In addition, because neighboring property owners are usually consulted during the dredging permitting process,



objections are raised due to the unsightly nature of the disposal sites. These comments are included on the written surveys and emphasized in subsequent phone conversations.

The following table summarizes results from the survey. A total of 85 surveys were mailed; however, only 37 surveys were returned. Four marina locations were listed in duplicate under separate names, 27 marina offices were contacted but did not return surveys, and 16 surveys were "returned to sender" with incorrect or insufficient addressing information. Attempts were made to contact these marinas without success. The table divides coastal South Carolina into three regions: Myrtle Beach, Charleston, and Beaufort. The last row of the table reports the estimated 10 year dredging quantity need for each of the areas. Several marinas were unable to report quantities due to new management or lack of information, therefore quantities from these marinas were estimated from a reported previous quantity or not included. The quantities were determined based on reported volumes and frequency of dredging occurrences. Three maps are included in this report which show the marina locations. They are color coded to indicate their future dredging needs or lack of response to the surveys. Only those marinas that responded to the survey, or those with correct address information were included on the maps.



	Myrtle Beach	Charleston	Beaufort
Number of Surveys Sent	33	29	23
Number of Surveys Received	16	11	10
Duplicates (Listed under 2 separate names)	0	2	2
Number of Marinas Contacted but Survey Not Received	10	9	8
Other (ie. No marina associated with property)	0	1	0
Number of Surveys "Returned to Sender"	7	6	3
Marinas with Drystack	4	3	1
Marinas with Onsite CDF	4	2	1
Marinas Reporting Previous Dredge Events	9	4	4
Marinas Reporting Sediment Testing History	0	1	0
Marinas Reporting Future Dredging Needs	11	7	6
10 Year Estimated Dredging Need (Total)	196,710 CY	131,000 CY	191,700 CY



SECTION III.
EXHIBITS



MARINA MAILING LIST								
Marina	Survey Received	Waterway	Drystack	Onsite CDF	Previous Dredge	Sediment Tested	Future Dredge	Comments
1 Adams Creek Marina c/o David Amick 2412 Marina Road Wadmalaw Island, SC 29487	•							Sold to: Rockville Marine 2412 Marina Rd Wadmalaw Island, 29487 Anthony Black 559-1124 Boatyard - work slips only None anticipated
Adams Creek Marina 3417 Myrtle Street Edisto Island, SC 29483								
2 Anchor Marina c/o Robert B. Pyle BOAC Marine, Inc. 2200 Little River Neck Road North Myrtle Beach, SC 29582								Unable to contact
2043 Stewart Hutchens Road Whitsett, NC 27377								
3 Ashley Marina c/o John Benton 33 Lockwood Blvd. Charleston, SC 29401	•	Ashley River						None anticipated
4 Battery Creek Marina c/o Phil Berkeley 124 Lady's Island Parkway Lady's Island, SC 29902								Left message
5 Beaufort Downtown Marina Griffin Enterprises c/o Rick Griffin 1006 Bay Street Beaufort, SC 29902	•	Beaufort River						No dredging expected
6 Belle Island Marina c/o Hal Drotor 1228 Belle Isle Road Georgetown, SC 29440								SCMA contact
7 Blue Water Marine South Beach Marina Village Hilton Head Island, SC 29928								See South Beach Marina
8 Bohicket Marina c/o Damien Zanetti 1880 Andell Bluff Blvd Johns Island, SC 29455								SCMA contact
9 Briarcliff R.V. Resort 10495 North Kings Highway Myrtle Beach, SC 29572								Unable to contact



MARINA MAILING LIST									
		Survey Received	Waterway	Drystack	Onsite CDF	Previous Dredge	Sediment Tested	Future Dredge	Comments
10	Bristol Marina c/o Robbie Freeman P.O. Box 759 Charleston, SC 29402								SCMA contact
11	Broad Creek Marina c/o Marvin Boyd 18 Simmons Road Hilton Head Island, SC 29926	•	Broad Creek	•					None anticipated
12	Buckles Marine Center 138 Bluffton Road Bluffton, SC 29910								USPS unable to deliver
13	Bucksport Plantation Marina c/o Don McCurry 135 Bucksport Road Conway, SC 29527								Message left for owner - Stewart Weaver
14	Buzzard's Roost Marina c/o Irene Brunson 2408 Maybank Highway Johns Island, SC 29455								Same owner as Stono River Marina Message left for owner; copy of survey faxed
15	Capt. Dick's Ocean Marina c/o Tom Swatzel P.O. Box 306 Murrells Inlet, SC 29576 4123 Hwy 17 Business Murrells Inlet, SC 29576	•	Murrell's Inlet			•		•	Dredge event spring 2003; 9,000 CY Expected future dredge in 5-7 years Comments: Site Disposals need to be identified. Major problem in Murrell's Inlet.
16	Carolina Boatyard 2383 Highway 41 #A Mt. Pleasant, SC 29466								Sublease from Deytens Shipyard Not water access
17	Cedar Hill Landing 5225 Highway 17 Business Murrells Inlet, SC 29576								Unable to contact
18	Charleston City Marina c/o Robbie Freeman P.O. Box 759 Charleston, SC 29402								SCMA contact
19	Charleston Harbor Marina c/o Annette Gable 24 Patriots Point Road Mt. Pleasant, SC 29464	•	Charleston Harbor					•	No dredging history Approximately 15,000 CY to be dredged in 3/2005; no contamination Hydraulic dredge to DI disposal Comments: Extreme time for permitting.
20	Charleston Maritime Center c/o Victor Smith	•	Cooper River					•	Last dredge event 1997; 40,000 CY Daniel Island spoil site



MARINA MAILING LIST									
	Marina	Survey Received	Waterway	Drystack	Onsite CDF	Previous Dredge	Sediment Tested	Future Dredge	Comments
	10 Warfside St Charleston, SC 29401								Unknown future Trace contaminants Comments: Funding is major issue.
21	Coquina Harbor c/o Glen Garris P.O. Box 9 Little River, SC 29566								SCMA contact
22	Cooper River Marina c/o Matt Driscoll 1010 Juneau Avenue North Charleston, SC 29405								SCMA contact
23	Crickett Cove Marina c/o Ed Horton 4495 Baker Street Little River, SC 29566								SCMA contact
24	Daniel Island Marina Village c/o Richard Miller 669 Marina Drive, Suite B11 Charleston, SC 29492								Left message
25	Dataw Island Marina c/o Al Engle 100 Marina Drive Dataw Island, SC 29920								SCMA contact
26	Daufuskie Island Club c/o Dave Clute P.O. Box 23285 Hilton Head, SC 29925								Survey faxed
27	Dolphin Cove Marina c/o Tom Blocker 2079 Austin Avenue Charleston, SC 29405	•	Ashley River	•	•	•		•	Approximately 3,000 yearly
28	Duncan's Boat Harbor c/o Jim Duncan 4354 Bridge View Charleston, SC 29405	•	Ashley River	•					No dredging event expected
29	Edisto Marina 3702 Dockside Road Edisto Island, SC 29438								Unable to contact
30	Edisto Water Sports & Tackle c/o Ann Hutton 3731 Dock Site Road Edisto Island, SC 29438								Possibly same as Edisto Island Marina



MARINA MAILING LIST									
	Marina	Survey Received	Waterway	Drystack	Onsite CDF	Previous Dredge	Sediment Tested	Future Dredge	Comments
31	Fish Creek Landing 77 Queens Folly Road Hilton Head Island, SC 29928								Unable to contact
32	Folly Beach Marina Campground c/o David O'Neill P.O. Box 1590 Folly Beach, SC 29439								Unable to contact
33	Freeport Marina c/o Phillip St. Clair P.O. Box 21565 Hilton Head, SC 29925								Survey faxed
34	Fripp Island Marina c/o Lewis Turner 875 Bonita Drive Fripp Island, SC 29920	•	Old House Creek						None anticipated
35	Georgetown Landing Marina c/o Ricky Ferndon P.O. Box 1704 Georgetown, SC 29442	•	Black & Pee Dee River						None anticipated
36	Hague Marina c/o George Russ #1 Hague Drive Myrtle Beach, SC 29577	•	ALWW		•	•			Approximately 5 acre disposal site None anticipated
37	Halsey-Cannon Boatyard c/o Margie Wilson, Sean Jeffries 130 Wando Creek Lane Wando, SC 29492								SCMA contact
38	Harbor Walk Marina c/o Christopher Carroll 525 Front Street Georgetown, SC 29440	•	Sampit River			•		•	Expect dredge event in 2005 of 10 CY
39	Harborgate Marina Village c/o Suzle Watson 2120 Sea Mountain Hwy North Myrtle Beach, SC 29582	•	ICW			•		•	Dredge event in 2005 Needed every 5-7 years; 35,700 CY
40	Harbour Town Yacht Basin c/o Nancy Cappelmann 149 Lighthouse Road Hilton Head Island, SC 29928	•	Calibogue Sound			•		•	Needed Every 4 years; 50,000 CY Last dredge event 2003 Comments: Disposal location is an issue.
41	Harbourside Marine 720 Highway 17 Little River, SC 29566								Returned for insufficient address No longer in business



MARINA MAILING LIST									
	Marina	Survey Received	Waterway	Drystack	Onsite CDF	Previous Dredge	Sediment Tested	Future Dredge	Comments
42	Hazzard Marina 200 South Meeting Street Georgetown, SC 29440								Left message for owner
43	Heritage Plantation c/o Doug Rohloff 1823 Heritage Drive Pawleys Island, SC 29585	•	ICW MM 393						None anticipated
44	Hilton Head Boathouse c/o Bob Edwards 405 Squire Pope Road Hilton Head, SC 29926								Left message for owner
45	Isle of Palms Marina c/o Bryan Berrigan 50 41st Avenue Isle of Palms, SC 29451	•	ICW @ IOP			•		•	Unknown quantity; Expected dredge occurrence every 8-10 years Disposal on Goat Island
46	Kingston Pointe Marina c/o Randy A. Beverly 8 Elm Street Conway, SC 29526	•	Waccamaw River						1998 Dredge event; unknown quantity None expected for future
47	Lady's Island Marina c/o Steve Tulley 73 Sea Island Parkway, Suite 10 Beaufort, SC 29907	•	Factory Creek			•		•	Unknown previous Some expected for future Comments: Need disposal site.
48	Lightkeepers Marina Waterway Properties c/o Ron Perterson P.O. Box 1898 Little River, SC 29566	•	Coquina Harbor					•	To dredge 18,000 CY in 2005 Expected dredge every 5 years Possible access to Horry County disposal site Comments: Permit process with Corps and communication difficult.
49	Litchfield Plantation Marina c/o Chet Rumbley P.O. Box 290, Kings River Road Pawleys Island, SC 29585	•	Waverly Creek			•		•	Last dredge event 2002; unknown quantity; unknown expectations for future Comments: Permitting process issues.
50	Long Island Yacht Harbor c/o Michael Carol 103 Palm Blvd Isle of Palms, SC 29451								Same as Isle of Palms?
51	Mariner's Cay Marina c/o Greg Smith P.O. Box 1229 Folly Beach, SC 29439	•	Folly River					•	Minor Dredging in a couple of yrs Unknown quantity
52	Mariner's Pointe c/o Tom Hettrick								Left message



MARINA MAILING LIST								
Marina	Survey Received	Waterway	Drystack	Onsite CDF	Previous Dredge	Sediment Tested	Future Dredge	Comments
4396 Baldwin Avenue #1480 Little River, SC 29566								
53 Marlin Quay Marina c/o Tom Foltz 1508 South Waccamaw Drive Garden City, SC 29576								SCMA contact
54 Marsh Harbor Boatyard c/o Paul Jernigan 45 Colony Gardens Road Beaufort, SC 29577								Survey faxed
55 Myrtle Beach Yacht Basin 1 Hague Drive Myrtle Beach, SC 29577								SCMA contact
56 Myrtle Beach Yacht Club 714 Highway 17 Little River, SC 29566	•	Coquina Harbor						• None previously, unknown quantity in 2005; Disposal at Horry County Disposal site
57 North Myrtle Beach Marina Silver Coast Marina c/o Bill Bartus 4430 Kingsport Road Little River, SC 29566	•	ICW Little River	•					No dredging needs encountered
58 Osprey Marina c/o Sherry Harrelson P.O. Box 30279 Myrtle Beach, SC 29588	•	MM 373	•	•				5 Ac Upland Site None anticipated
59 Outdoor Resort - RV Resort 43 Jenkins Island Road Hilton Head Island, SC 29926								Survey faxed
60 Outdoor Resorts Marina c/o Bill Stelmack P.O. Box 21585 Hilton Head, SC 29925								Same as Outdoor Resort - RV Resort
61 Palmetto Bay Marina c/o Chris Wimmer 86 Helmsman Way Hilton Head, SC 29928	•	Broad Creek			•			• Last dredge event in 12/2000; 1,700 CY Dredge event expected prior to 2010 Comments: Access to disposal site issue
62 Plantation Harbour, Inc. 4419 Plantation Harbour Drive Little River, SC 29566								Unable to contact
63 Port Royal Landing c/o Larry Hines 1 Landing Drive	•	Beaufort River						• Needed in approx 1 year Unknown quantity c/o Tom Wilson



MARINA MAILING LIST								
Marina	Survey Received	Waterway	Drystack	Onsite CDF	Previous Dredge	Sediment Tested	Future Dredge	Comments
Port Royal, SC 29935								Comments: Access to disposal site issue
64 Reserve Harbor Marina c/o Milt Hazel P.O. Box 2010 Pawleys Island, SC 29585								SCMA contact
65 Ripley Light Marina c/o Bruce Wallace 56 Ashley Pointe Drive Charleston, SC 29407	•	Ashley River		•	•		•	2004 Spring dredge event; 37,000 CY Expected dredge event in Spring 2005 Disposal at Citadel spoil basin Comments: Access to disposal site issue
66 Ross Marine c/o Arthur Swygert 2676 Swygert Blvd Johns Island, SC 29455	•	Stono River MM 476						None anticipated
67 Schilling Boathouse 405 Squire Pope Road Hilton Head Island, SC 29926								Hilton Head Boathouse
68 Sea Island Depot 6165 Savannah Hwy Yonges Island, SC 29449								No Marina
69 Seabreeze Marina and Drystack c/o Jimmy Drake 50 Immigration Street Charleston, SC 29403								Survey faxed
70 Shelter Cove Marina c/o Dave Harris P.O. Box 5628 Hilton Head, SC 29938								SCMA contact
71 Shem Creek Marina c/o Jeff Jarrard 526 Mill Street Mt. Pleasant, SC 29464	•	Shem Creek		•				Unknown history or future expectations
72 Silcox Marine Group 966 McCants Drive Mt. Pleasant, SC 29464								Unable to contact
73 Skull Creek Marina c/o Ross Lysinger #1 Waterway Place Hilton Head, SC 29926	•	Skull Creek - Port Royal Sound					•	Anticipated dredge 2006-07 Unknown quantity
74 South Beach Marina c/o Alan Pollard 232 South Sea Pines Drive Hilton Head, SC 29928	•	Braddock Creek					•	Dredge event 4/2003; 90,000 CY Ocean disposal Unknown future dredge expectations Comments: Access to disposal site issue

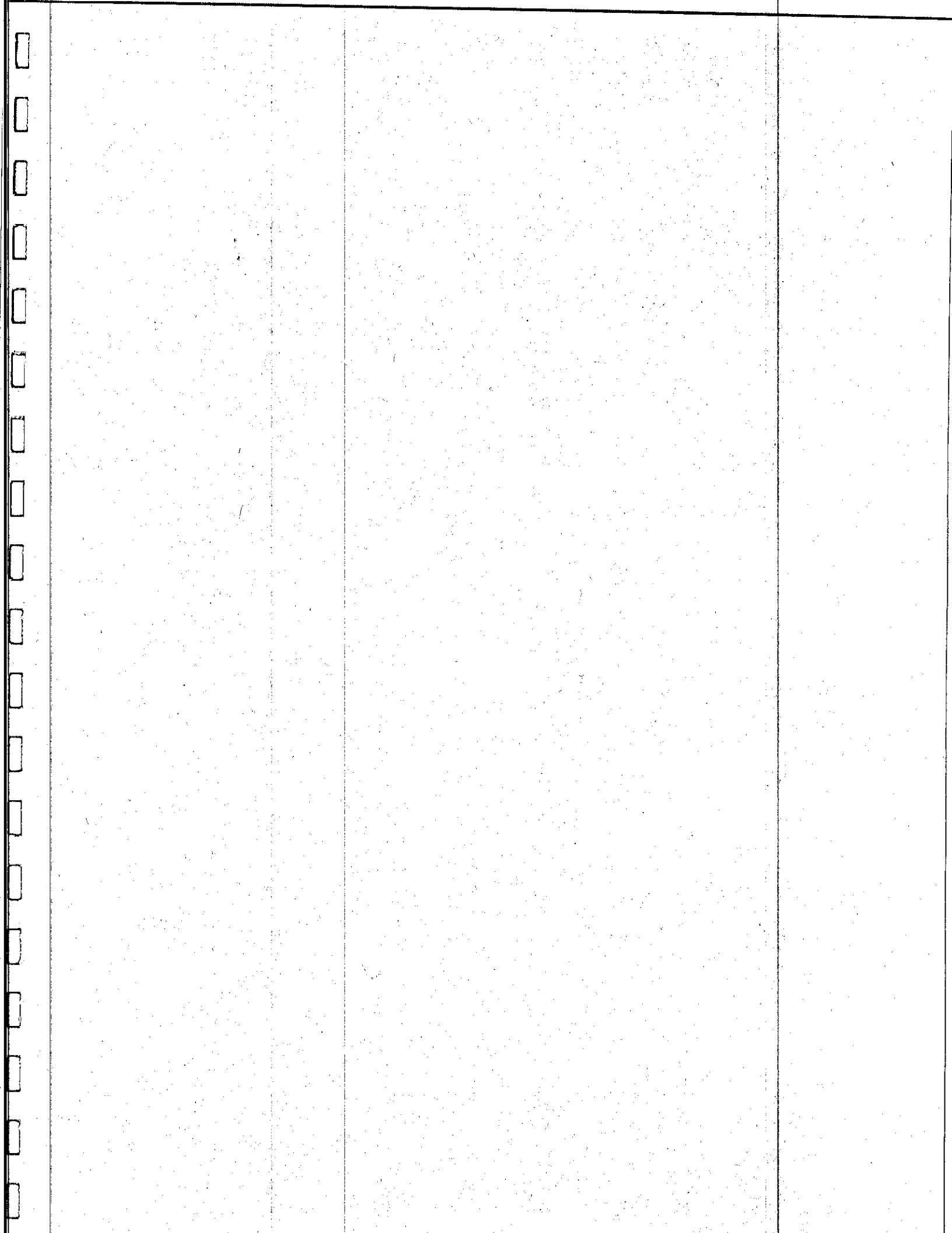


MARINA MAILING LIST									
		Survey Received	Waterway	Drystack	Onsite CDF	Previous Dredge	Sediment Tested	Future Dredge	Comments
	Marina								
75	Eastport Marina (FKA Spinnaker Cove Marina) Waterway Properties c/o Ron Perterson P.O. Box 1898 Little River, SC 29566	•	Little River		•	•			• 8,000 CY every 4 years Owns .48 Acre Site Possible access to Horry County disposal site Comments: Onsite disposal is eyesore. Would like access to other location.
76	Springs Marine & Outdoor Center 3653 Highway 17 Murrells Inlet, SC 29576								USPS unable to locate Unable to contact
77	Stono Marina, Inc. c/o Shannon Strickland 2409 Maybank Highway Johns Island, SC 29455								Same owner as Buzzard's Roost Message left for owner; faxed survey
78	The Boat Shed c/o W.T. Bellune, III 18 South St. James Street Georgetown, SC 29440	•	Samplt River		•	•			Upland Disposal; 64 CY Future dredge event not expected
79	The Marina at Dock Holliday's c/o Marc Hardiman 1525 13th Avenue North North Myrtle Beach, SC 29582	•	Little River MM 348		•	•			• Last dredge event 1999; Unknown quantity; anticipate another dredge event in 1-2 years
80	Toler's Cove Marina c/o Kevin Austin 1610 Ben Sawyer Blvd Mt. Pleasant, SC 29464								Unable to contact
81	Voyager's View Marina c/o Ron Murrel P.O. Box 607 Murrells Inlet, SC 29576								Unable to contact; phone listed incorrect
82	Wacca Wache Marina c/o Katherine B. Hamby P.O. Box 570 Murrells Inlet, SC 29576	•	ICW		•	•			• Last dredge event in 1990 Expected dredge event in 2005 Unknown quantity; new management
83	Wexford Harbor c/o Lamar Mobery P.O. Box 4100 Hilton Head, SC 29928								Left message
84	Wild Dunes Yacht Harbor c/o Jack Lucas 50 41st Avenue Isle of Palms, SC 29451								See Isle of Palms Marina



MARINA MAILING LIST								
Marina	Survey Received	Waterway	Drystack	Onsite CDF	Previous Dredge	Sediment Tested	Future Dredge	Comments
85 Windmill Harbor Marina c/o Peter Evans 161 Harbor Passage Hilton Head, SC 29926	•	Calibogue Sound		•				• Have easement to 1 Ac Site; Small amount anticipated in 2006







Memorandum

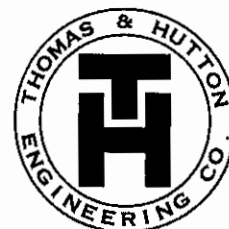
To: All Coastal Marinas
From: Jim Ducker
CC: Charlie George; Rocky Browder
Date: 11/16/04
Re: Marina Dredging Needs Assessment Study

The South Carolina coastal zone contains over 70 marinas, many of which predate OCRM regulations requiring newly constructed or expanded marinas to have an approved deed restricted upland spoil site, or to be able to demonstrate permanent access to such a site for the disposal of dredge spoil material. The Council on Coastal Futures released a report in June of this year outlining recommendations that deal with the South Carolina coast and its proper management. One of the recommendations made by the Council was the development of a coast-wide dredging and spoil disposal assessment for the South Carolina coastal zone and its marinas.

Thomas & Hutton Engineering Company has been asked to assist DHEC's Office of Ocean and Coastal Resource Management's in development of a needs assessment. Attached you will find a short survey which will assist us in understanding future dredging and disposal needs for the marinas along the coast of South Carolina. This will give the marinas an opportunity for feedback relating to their experience with their specific maintenance dredging issues. Please complete the enclosed survey and return to:

Jim Ducker
Thomas & Hutton Engineering Company
935 Houston Northcutt Blvd
PO Box 1522
Charleston, SC 29464

I will follow up with a phone call after the survey has been returned to clarify or gather any additional information that may be needed for the survey. Thank you for your time in assisting us with this survey. The information you give us will be important in South Carolina's development of a management strategy which impacts operations for this aspect of your maintenance program. We would appreciate the return of your questionnaire by Friday, December 17th, 2004.



**COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY**

General Information:

Marina: _____

Address of Marina: _____

Waterway: _____

Phone Number: _____ Fax: _____

Contact Person: _____

Size of Basin (Acres/ No. of Slips): _____

Type of Facilities/Amenities (Yes/No)

Fuel _____ Dry Stack Storage _____

Pump-out _____ Restrooms _____

Other (explain) _____

Date Marina first opened, if known: _____

Dredging Information:

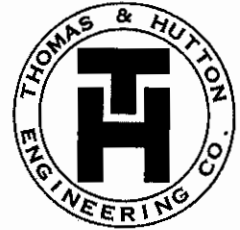
Date of most recent maintenance dredging activity: _____

Quantity of Material dredged and method: _____

Date permit issued for recent dredging, if known: _____

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.



Reason for disposal location used: _____

Does the marina own/maintain an onsite upland disposal facility: _____

If so, what size and capacity: _____

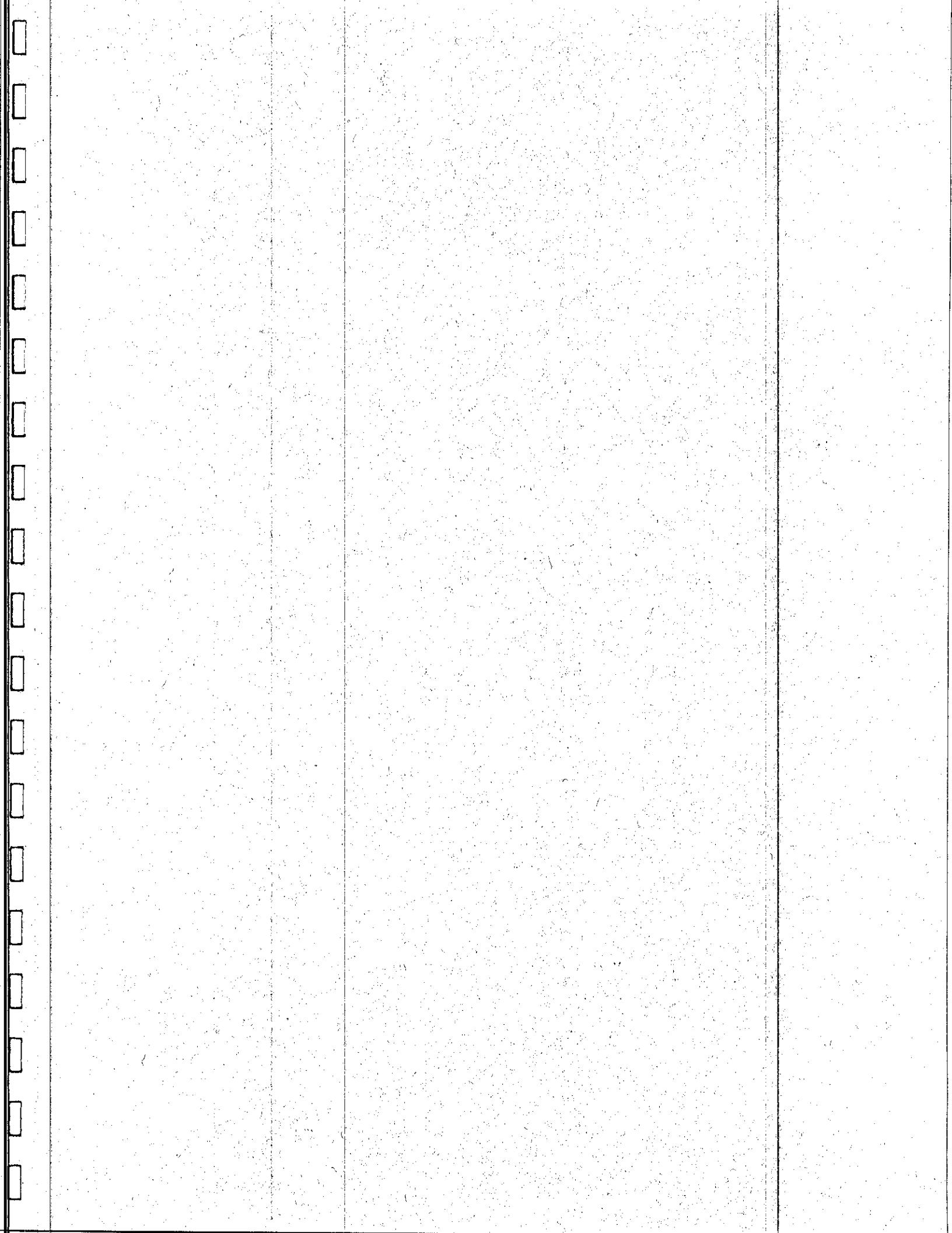
Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: _____

Is future dredging activity to be performed under new or existing permit: _____

Proposed location of disposal for future dredging: _____

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.





COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: ASHLEY MARINA
Address of Marina: 33 LOCKWOOD DRIVE, CHARLESTON, SC
Waterway: ASHLEY RIVER
Phone Number: 843-722-1996 Fax: 843-722-3623
Contact Person: JOHN BENYON
Size of Basin (Acres/ No. of Slips): 186 SLIPS + ~~255~~ 3500 LINEAR FEET ALONGSIDE DOCKSIDE.

Type of Facilities/Amenities (Yes/No)

Fuel YES Dry Stack Storage NO
Pump-out YES Restrooms YES
Other (explain) _____

Date Marina first opened, if known: 1972

Dredging Information:

Date of most recent maintenance dredging activity: NO DREDGING REQUIRED

Quantity of Material dredged and method: _____

Date permit issued for recent dredging, if known: _____

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.



Reason for disposal location used: _____

Does the marina own/maintain an onsite upland disposal facility: _____

If so, what size and capacity: _____

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: NONE

Is future dredging activity to be performed under new or existing permit: NO

Proposed location of disposal for future dredging: _____

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



**COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY**

General Information:

Marina: DOWNTOWN MARINA OF BEAUFORT

Address of Marina: 1006 BAY ST., BEAUFORT, SC 29902

Waterway: ICW - BEAUFORT RIVER

Phone Number: 843-524-4422 Fax: 843-524-8487

Contact Person: RICK GRIFFIN

Size of Basin (Acres/ No. of Slips): 100

Type of Facilities/Amenities (Yes/No)

Fuel YES Dry Stack Storage NO

Pump-out YES Restrooms YES

Other (explain) _____

Date Marina first opened, if known: APPROX. 1965 / REBUILT 1975

Dredging Information:

Date of most recent maintenance dredging activity: N/A

Quantity of Material dredged and method: N/A

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
N/A

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
N/A



Reason for disposal location used: N/A

Does the marina own/maintain an onsite upland disposal facility: No

If so, what size and capacity: _____

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: NOT EXPECTED

Is future dredging activity to be performed under new or existing permit: N/A

Proposed location of disposal for future dredging: N/A

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: BROAD CREEK MARINA OF HILTON HEAD

Address of Marina: 18 SIMMONS ROAD, HILTON HEAD ISL, SC, 29926

Waterway: BROAD CREEK ON HILTON HEAD

Phone Number: 843-681-3625 Fax: 843-689-9451

Contact Person: MARVIN BOYD

Size of Basin (Acres/ No. of Slips): 14 ACRES 340 DRY 53 WET

Type of Facilities/Amenities (Yes/No)

Fuel YES Dry Stack Storage YES

Pump-out YES Restrooms YES

Other (explain) _____

Date Marina first opened, if known: 1992

Dredging Information:

Date of most recent maintenance dredging activity: N/A

Quantity of Material dredged and method: N/A

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc: _____

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc: _____



Reason for disposal location used: N/A

Does the marina own/maintain an onsite upland disposal facility: NO

If so, what size and capacity: _____

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: NOT EXPECTED

Is future dredging activity to be performed under new or existing permit: NO

Proposed location of disposal for future dredging: NONE

Issue/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



**COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY**

General Information:

Marina: Capt. Dick's Marina
Address of Marina: 4123 Hwy 17 Business Murrells Inlet, SC
Waterway: Murrells Inlet
Phone Number: 843-357-1673 Fax: 843-651-7570
Contact Person: Tom Swetzel
Size of Basin (Acres/ No. of Slips): 51 slips

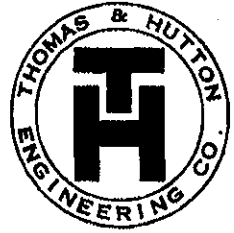
Type of Facilities/Amenities (Yes/No)

Fuel Dry Stack Storage _____
Pump-out _____ Restrooms
Other (explain) _____

Date Marina first opened, if known: 1970

Dredging Information:

Date of most recent maintenance dredging activity: Early 2003
Quantity of Material dredged and method: 9,000 yds³ RDS - Hydraulic
Date permit issued for recent dredging, if known: 2002
Method and location of disposal used, i.e., ocean dump, upland disposal, etc.:
RDS - Upland
Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.:
Silt



Reason for disposal location used: No nearby disposal site

Does the marina own/maintain an onsite upland disposal facility: NO

If so, what size and capacity: N/A

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: within 5 to 7 yrs 9,000 yds³

Is future dredging activity to be performed under new or existing permit: New

Proposed location of disposal for future dredging: Unknown

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:
Sites for dewatering + disposal
need to be identified. It is a

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

major problem in Murrells Inlet.



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: Charleston Harbor Marina
Address of Marina: 24 Patriots Point Rd., Mt. Pleasant, SC 29464
Waterway: Charleston Harbor
Phone Number: (843) 856-0026 Fax: (843) 284-7076
Contact Person: Stephen Wright
Size of Basin (Acres/ No. of Slips): 23 acres / 459 slips

Type of Facilities/Amenities (Yes/No)

Fuel gas and diesel Dry Stack Storage _____
Pump-out Restrooms
Other (explain) adjacent Hilton Hotel

Date Marina first opened, if known: 1996

Dredging Information:

Date of most recent maintenance dredging activity: never dredged
Quantity of Material dredged and method: ≈ 15,000 cubic yards needed
Date permit issued for recent dredging, if known: January, 05
Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
hydraulic/upland @ Daniel Island CDF.
Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
NON-contaminated silts (≈ 5000 cubic yards of beach quality sands)



Reason for disposal location used: closest CDF to project site available

Does the marina own/maintain an onsite upland disposal facility: NO

If so, what size and capacity: N/A

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: March 05 / 15,000 cubic yards

Is future dredging activity to be performed under new or existing permit: existing

Proposed location of disposal for future dredging: Drum Island / David Island

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:
extreme time required to get dredge permit - 2 years

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY

General Information:

Marina: Charleston Maritime Center
Address of Marina: 10 Wharfside St. Charleston SC 29401
Waterway: Cooper River, harbor
Phone Number: 853-3625 Fax: 577-6673
Contact Person: Victor Smith
Size of Basin (Acres): 1
Type of Facilities/Amenities (Yes/No)
Fuel Dry Stack Storage NO
Other (explain): Special events, ice machine
Date Marina first opened, if known: 10/16/97

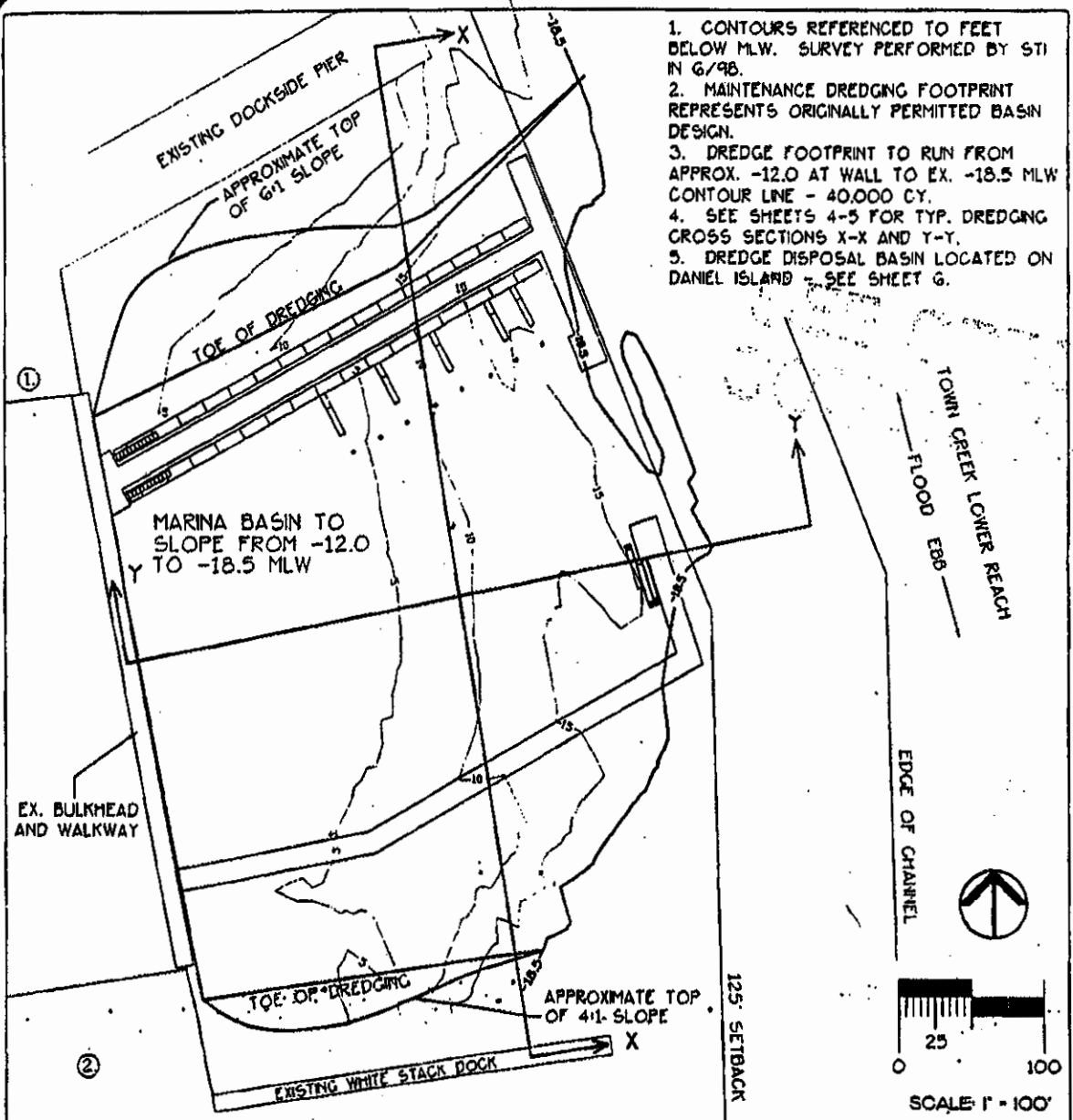
Dredging Information:

Date of most recent maintenance dredging activity: 1997
Quantity of Material dredged and method: 40000 cu yds
Date permit issued for recent dredging, if known: 4/27/99
Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
Upland, Daniel J. basin
Reason for disposal location used: most cost effective
Does the marina own/maintain an onsite upland disposal facility: NO
If so, what size and capacity: _____
Next anticipated dredging event for marina and quantity: unknown
Is future dredging activity to be performed under new or existing permit: under new
Proposed location of disposal for future dredging: unknown

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

Trace contaminants in area, disposal method & site too costly. We need to maintain dredge as originally planned but funding is a problem.

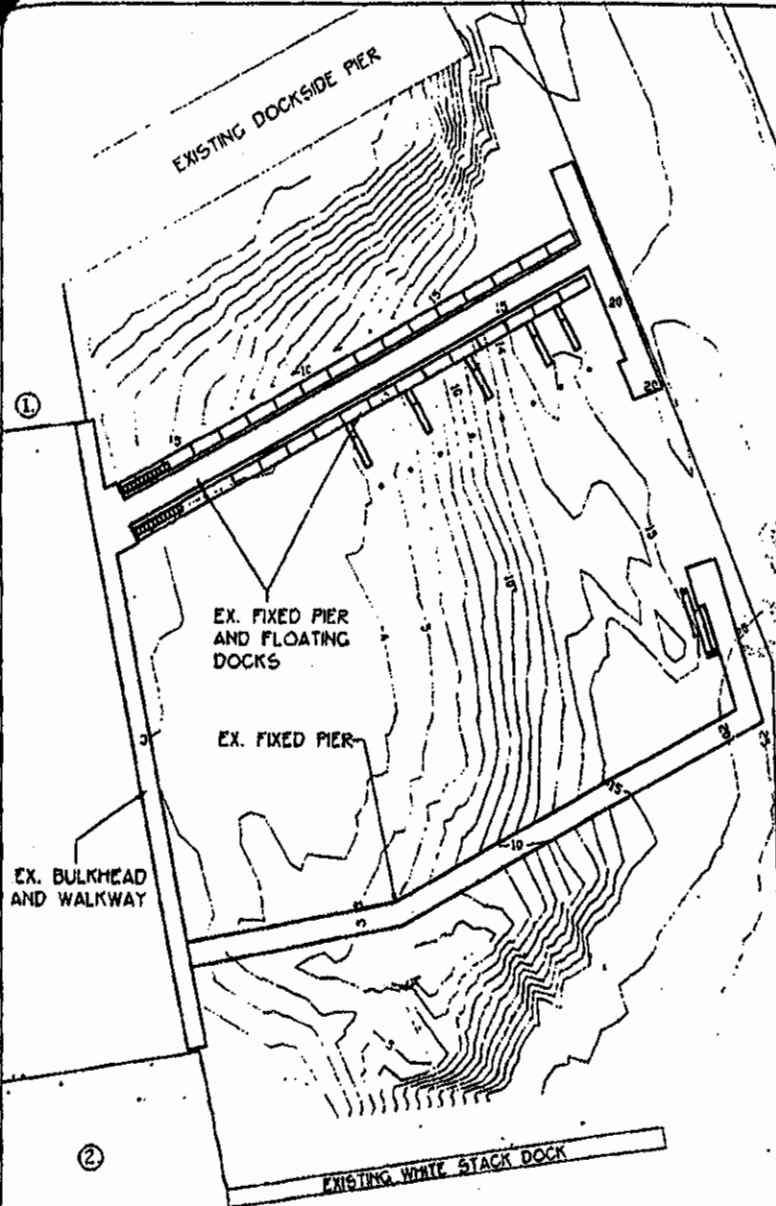
1. CONTOURS REFERENCED TO FEET BELOW MLW. SURVEY PERFORMED BY STI IN 6/98.
2. MAINTENANCE DREDGING FOOTPRINT REPRESENTS ORIGINALLY PERMITTED BASIN DESIGN.
3. DREDGE FOOTPRINT TO RUN FROM APPROX. -12.0 AT WALL TO EX. -18.5 MLW CONTOUR LINE - 40,000 CY.
4. SEE SHEETS 4-5 FOR TYP. DREDGING CROSS SECTIONS X-X AND Y-Y.
5. DREDGE DISPOSAL BASIN LOCATED ON DANIEL ISLAND - SEE SHEET 6.



PURPOSE: PRIVATE AND PUBLIC USE	MAINTENANCE DREDGING PLAN	PROPOSED: MAINTENANCE DREDGING
DATUM: MLW		IN CHARLESTON ON COOPER RIVER
ADJACENT PROPERTY OWNERS: ① DOCKSIDE CONDOMINIUMS ② WHITE STACK TOWING INC	CHARLESTON MARITIME CENTER CITY OF CHARLESTON P.O. BOX 652 CHARLESTON, SC 29402	COUNTY OF: CHARLESTON STATE OF: SC SHEET: 3 OF 6 DATE: 3/15/99

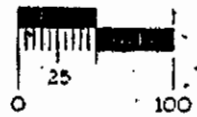
JON GIBBY TAYLOR, P.E., INC.
 CMC99P3

1. CONTOURS REFERENCED TO FEET BELOW MLW. SURVEY PERFORMED BY STI IN JUNE 1998.
2. SEE SHEET 3 FOR PROPOSED DREDGING FOOTPRINT.
3. SEE SHEETS 4-5 FOR TYP. DREDGING CROSS SECTIONS.



TOWN CREEK LOWER REACH
 FLOOD EBB

EDGE OF CHANNEL



SCALE: 1" = 100'

125 SETBACK

PURPOSE: PRIVATE AND PUBLIC USE

DATUM: MLW

ADJACENT PROPERTY OWNERS:

- ① DOCKSIDE CONDOMINIUMS
- ② WHITE STACK TOWING INC

EXISTING MARINA BASIN CONDITIONS

CHARLESTON MARITIME CENTER
 CITY OF CHARLESTON
 P.O. BOX 652
 CHARLESTON, SC 29402

PROPOSED: MAINTENANCE DREDGING

IN CHARLESTON
 ON COOPER RIVER
 COUNTY OF CHARLESTON
 STATE OF SC

SHEET 2 OF 6 DATE 3/15/99

JON GERRY TAYLOR, P.E., INC.
 CMC99P2



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: DOLPHIN COVE MARINA

Address of Marina: 2079 AUSTIN AVENUE, CHAS., SC 29405

Waterway: ASHLEY RIVER

Phone Number: 843/744-2562 Fax: 843/744-2563

Contact Person: DAVID G RACE

Size of Basin (Acres/ No. of Slips): 125 WETSLIPS

Type of Facilities/Amenities (Yes/No)

Fuel Y Dry Stack Storage Y

Pump-out Y Restrooms Y

Other (explain) CAFE

Date Marina first opened, if known: 1990

Dredging Information:

Date of most recent maintenance dredging activity: on going

Quantity of Material dredged and method: 3,000 yards by mechanical

Date permit issued for recent dredging, if known: 2001

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
UPLAND DISPOSAL

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
SILTS/SAND



Reason for disposal location used: PART OF PROPERTY

Does the marina own/maintain an onsite upland disposal facility: YES

If so, what size and capacity: APPROXIMATELY 10,000 YARD CAPACITY

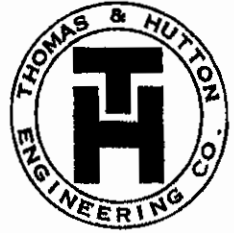
Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: YEARLY

Is future dredging activity to be performed under new or existing permit: BOTH

Proposed location of disposal for future dredging: SAME

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:
MECHANICAL DREDGING IS VERY INEFFICIENT COMPARED TO
HYDRALIC DREDGING

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



**COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY**

General Information:

Marina: DUNCANS BOAT HARBOUR

Address of Marina: 4354 Bridge View Dr. N Chas SC 29405

Waterway: Ashley River

Phone Number: 843 744 2628 Fax: 843 744 2658

Contact Person: Jim Duncan

Size of Basin (Acres/ No. of Slips): 60 SLIPS

Type of Facilities/Amenities (Yes/No)

Fuel YES GAS Dry Stack Storage YES

Pump-out YES Restrooms YES

Other (explain) _____

Date Marina first opened, if known: 1989

Dredging Information:

Date of most recent maintenance dredging activity: NOT NEEDED

Quantity of Material dredged and method: 0

Date permit issued for recent dredging, if known: _____

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.



Reason for disposal location used: _____

Does the marina own/maintain an onsite upland disposal facility: _____

If so, what size and capacity: _____

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: _____

Is future dredging activity to be performed under new or existing permit: NOT NEEDED AT THIS TIME

Proposed location of disposal for future dredging: _____

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: FRIPP ISLAND MARINA

Address of Marina: 875 BONITA DRIVE

Waterway: OLD HOUSE CREEK

Phone Number: (843) 838-1517 Fax: (843) 838-0256

Contact Person: LEWIS TURNER

Size of Basin (Acres/ No. of Slips): 65

Type of Facilities/Amenities (Yes/No)

Fuel TRAILER Dry Stack Storage

Pump-out Restrooms

Other (explain) _____

Date Marina first opened, if known: ? 1970's

Dredging Information:

Date of most recent maintenance dredging activity: N/A

Quantity of Material dredged and method: N/A

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc: N/A

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc: N/A



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: GEORGETOWN LANDING MARINA

Address of Marina: 432 Marina Drive Georgetown SC 29440

Waterway: Black & Pee Dee River @ US HWY 17 Bridge

Phone Number: 843-546-1776 Fax: 843-546-7832

Contact Person: Richy Jordan

Size of Basin (Acres/ No. of Slips): 171 slips + 680' linear Dock

Type of Facilities/Amenities (Yes/No)

Fuel Dry Stack Storage _____

Pump-out Restrooms

Other (explain) _____

Date Marina first opened, if known: 1982

Dredging Information: - Never been dredged -

Date of most recent maintenance dredging activity: None

Quantity of Material dredged and method: N/A

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc: N/A

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc. N/A



Reason for disposal location used: N/A

Does the marina own/maintain an onsite upland disposal facility: N/A

If so, what size and capacity: N/A

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: None anticipated

Is future dredging activity to be performed under new or existing permit: N/A

Proposed location of disposal for future dredging: N/A

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:
N/A

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: HAGUE MARINA

Address of Marina: Myrtle Beach, S.C.

Waterway: AIWA

Phone Number: 843-293-2141 Fax: 843-293-2140

Contact Person: GEORGE RUSS

Size of Basin (Acres/ No. of Slips): 1 1/2 / 35

Type of Facilities/Amenities (Yes/No)

Fuel Y Dry Stack Storage N

Pump-out N Restrooms Y

Other (explain) HAULING, REPAIRS, STORAGE

Date Marina first opened, if known: 1960

Dredging Information:

Date of most recent maintenance dredging activity: 1995 (APPROX)

Quantity of Material dredged and method: UK

Date permit issued for recent dredging, if known: NONE

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
DRAGLINE

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
UNKNOWN



Reason for disposal location used: AVAILABLE

Does the marina own/maintain an onsite upland disposal facility: ~~NO~~ YES

If so, what size and capacity: 5+ ACRES

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: _____

Is future dredging activity to be performed under new or existing permit: _____

Proposed location of disposal for future dredging: _____

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:
NO PLANS TO DREDGE

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: Harborwalk Marina

Address of Marina: 525 Front street

Waterway: Sampit River / ICW

Phone Number: 843-546-4250 Fax: 843-546-2395

Contact Person: Christopher Carroll

Size of Basin (Acres/ No. of Slips): 1 Acres 23 slips (Approx.)

Type of Facilities/Amenities (Yes/No)

Fuel Y Dry Stack Storage N

Pump-out N Restrooms Y

Other (explain) _____

Date Marina first opened, if known: prior to 1964 ?

Dredging Information:

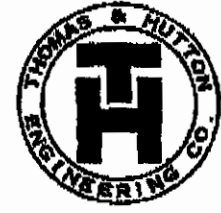
Date of most recent maintenance dredging activity: Will be dredging in 2005

Quantity of Material dredged and method: Approx 10 cubic yards

Date permit issued for recent dredging, if known: Approx. 2/1/05

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
upland disposal

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
silts



Reason for disposal location used: Partnership with City, port, County

Does the marina own/maintain an onsite upland disposal facility: NO

If so, what size and capacity: _____

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 1/5/05

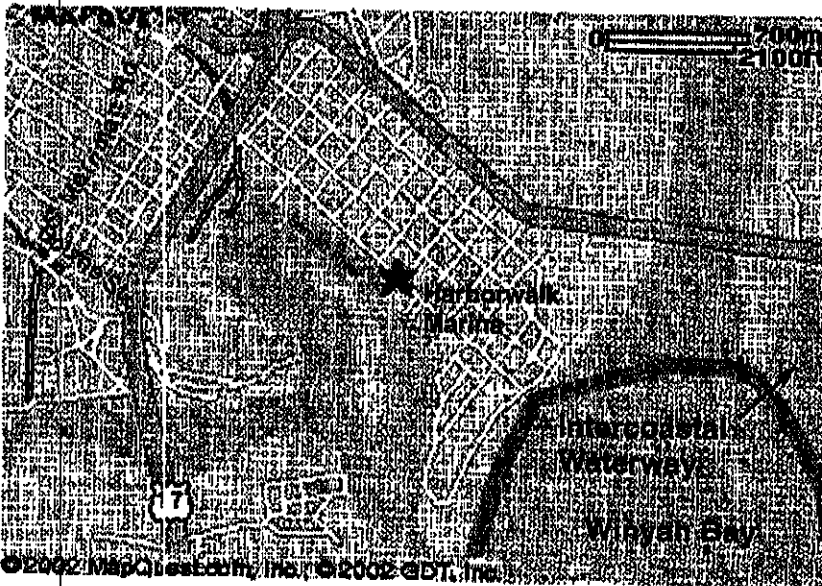
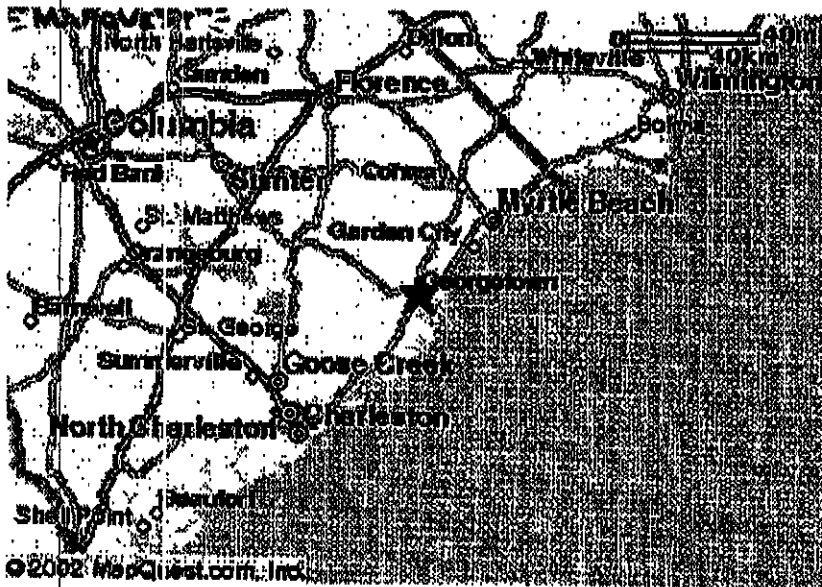
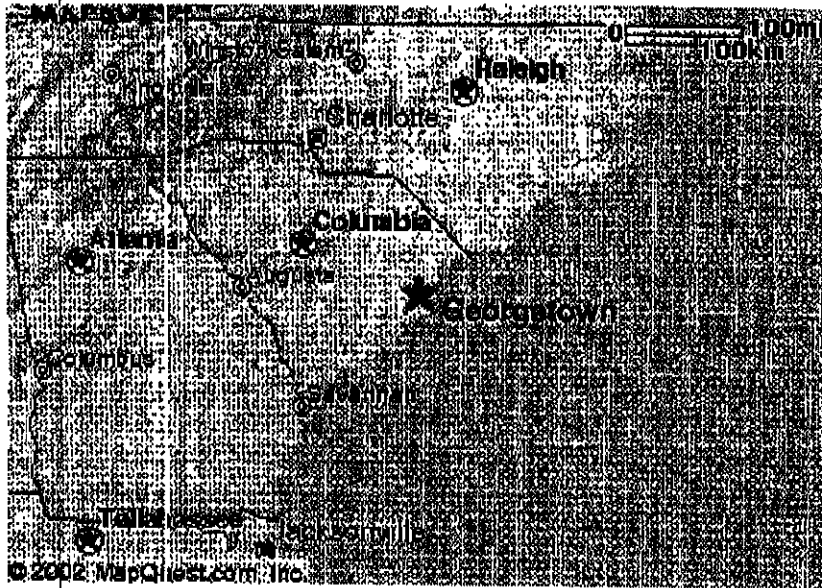
Is future dredging activity to be performed under new or existing permit: New

Proposed location of disposal for future dredging: N/A

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

Appendix G





COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: HARBOR GATE MARINA GROUP

Address of Marina: 2120 SEA MOUNTAIN HIGHWAY

Waterway: ATLANTIC INTRACASTAL WATERWAY

Phone Number: 843-280-0442 Fax: 843-280-0586

Contact Person: SUSIE WATSON

Size of Basin (Acres/ No. of Slips): 100 SLIPS

Type of Facilities/Amenities (Yes/No)

Fuel YES Dry Stack Storage NO

Pump-out NO Restrooms

Other (explain) RESTAURANT

Date Marina first opened, if known: 1988

Dredging Information:

Date of most recent maintenance dredging activity: 1-20-05

Quantity of Material dredged and method: 35,700 - hydraulic pipeline

Date permit issued for recent dredging, if known: 4-26-1995 - Exp. 9-30-2008

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
Disposal Basin 389-LB

Type of material dredged, i.e., beach quality sand, contaminated, silt, etc.
Silt



Reason for disposal location used: Close to marina basin

Does the marina own/maintain an onsite upland disposal facility: no

If so, what size and capacity: _____

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: JANUARY 2005 - Every 5-7 years thereafter

Is future dredging activity to be performed under new or existing permit: Existing Permit

Proposed location of disposal for future dredging: SAME AS ABOVE - See Attached

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:
None

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



**COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY**

General Information:

Marina: Harbour Town Yacht Basin
Address of Marina: 149 Lighthouse Rd, Hilton Head Island SC 29928
Waterway: Calibogue Sound
Phone Number: (843) 671-2704 Fax: (843) 671-0433
Contact Person: NANCY CAPPELMANN
Size of Basin (Acres/ No. of Slips): 8 1/2 / 100 slips

Type of Facilities/Amenities (Yes/No)

Fuel yes Dry Stack Storage no
Pump-out yes Restrooms yes
Other (explain) _____

Date Marina first opened, if known: 1970

Dredging Information:

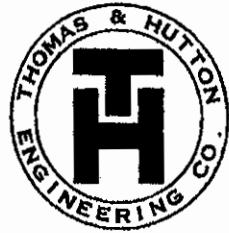
Date of most recent maintenance dredging activity: 2003

Quantity of Material dredged and method: APPROX 50,000 cu. y.

Date permit issued for recent dredging, if known: MARCH 2002

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
Hydraulic dredge - ocean disposal

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
Silt within harbour
Sand in channel entrance



Reason for disposal location used: only one Available

Does the marina own/maintain an onsite upland disposal facility: No

If so, what size and capacity: _____

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 1. need every 4-years

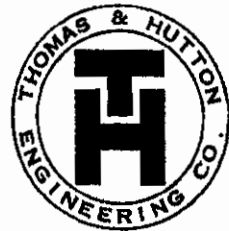
Is future dredging activity to be performed under new or existing permit: New

Proposed location of disposal for future dredging: Don't know

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

Distance to offshore site adds considerably to cost, especially when required to haul barge loads of water to offshore site. Problems are exacerbated because of the inability to keep liquid/silt mixture contained in deep scow.



**COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY**

General Information:

Marina: HERITAGE PLANTATION MARINA
Address of Marina: 1823 HERITAGE DR PAWLEYS ISLAND, SC 29585
Waterway: ICW MM 393 N 33-26-64S W 79-10-530
Phone Number: (843) 237-3650 Fax: 843-235-0854
Contact Person: DOL ROHLOFF DUCK MASTER MGR
Size of Basin (Acres/ No. of Slips): 40

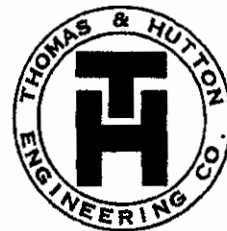
Type of Facilities/Amenities (Yes/No)

Fuel _____ Dry Stack Storage _____
Pump-out Restrooms
Other (explain) _____

Date Marina first opened, if known: JUNE 1995

Dredging Information:

Date of most recent maintenance dredging activity: N/A
Quantity of Material dredged and method: N/A
Date permit issued for recent dredging, if known: N/A
Method and location of disposal used, i.e. ocean dump, upland disposal, etc: N/A
Type of material dredged, i.e., beach quality sand, contaminated, silts, etc. N/A



Reason for disposal location used: N/A

Does the marina own/maintain an onsite upland disposal facility: N/A

If so, what size and capacity: N/A

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: N/A

Is future dredging activity to be performed under new or existing permit: N/A

Proposed location of disposal for future dredging: N/A

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered: N/A

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: ISLE OF PALMS MARINA
Address of Marina: 50 41ST AVE IOP, SC 29451
Waterway: 456.7
Phone Number: 843 886 0209 Fax: 886 0058
Contact Person: BRIAN J BERRIGAN
Size of Basin (Acres/ No. of Slips) @ 1.5 ACRES / @ 40

Type of Facilities/Amenities (Yes/No)

Fuel [checked] Dry Stack Storage [checked] ON TRAILER
Pump-out [checked] Restrooms [checked]
Other (explain) CONVENIENCE STORE AND RESTAURANT

Date Marina first opened, if known: EARLY 80'S

Dredging Information:

Date of most recent maintenance dredging activity: JULY 2003
Quantity of Material dredged and method:
Date permit issued for recent dredging, if known: 2003
Method and location of disposal used, i.e. ocean dump, upland disposal, etc: UPLAND DISPOSAL / GOAT ISLAND
Type of material dredged, i.e., beach quality sand, contaminated, silts, etc: SILTS



Reason for disposal location used: AGREEMENT w/ CARRIERS OF ENGINEERS

Does the marina own/maintain an onsite upland disposal facility: NO

If so, what size and capacity: N/A

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: EVERY 8-10 YEARS

Is future dredging activity to be performed under new or existing permit: ? NEW

Proposed location of disposal for future dredging: COAST IS.

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

NONE

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: Kingston Pointe

Address of Marina: 8 Elm Street, Conway, SC 29526

Waterway: Waccamaw River

Phone Number: (843) 248-63 Fax: (843) 347-4888

Contact Person: Randy A. Beiseley

Size of Basin (Acres/ No. of Slips): 71 Slips

Type of Facilities/Amenities (Yes/No)

Fuel NO Dry Stack Storage NO

Pump-out NO Restrooms NO

Other (explain) _____

Date Marina first opened, if known: June 1999

Dredging Information:

Date of most recent maintenance dredging activity: 1998

Quantity of Material dredged and method: Good-sandy soil

Date permit issued for recent dredging, if known: NONE

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
upland disposal

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
Good sand



Reason for disposal location used: closest convenient

Does the marina own/maintain an onsite upland disposal facility: NO

If so, what size and capacity: _____

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: None planned

Is future dredging activity to be performed under new or existing permit: None planned

Proposed location of disposal for future dredging: N/A

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: LADY'S ISLAND MARINA

Address of Marina: 73 SEA ISLAND PARKWAY #10 BEaufORT, SC 29907

Waterway: FACTORY CREEK

Phone Number: 843-522-0430 Fax:

Contact Person: STEVEN TULLY 843-521-0000

Size of Basin (Acres/ No. of Slips): 90 SLIPS

Type of Facilities/Amenities (Yes/No)

Fuel NO Dry Stack Storage NO

Pump-out YES Restrooms YES

Other (explain) PUMP BOAT -

Date Marina first opened, if known: 1940's Shrimp DOCKS

Dredging Information:

Date of most recent maintenance dredging activity: 1950's

Quantity of Material dredged and method: ?

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc: UPLAND FROM SITE

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc: SILT ?? PLUCK MUD



Reason for disposal location used: ? close

Does the marina own/maintain an onsite upland disposal facility: ASK US...

If so, what size and capacity: 50 ACRES AVAILABLE?

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: SOON

Is future dredging activity to be performed under new or existing permit: NEW

Proposed location of disposal for future dredging: ??

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:
WOULD BE GREAT TO HAVE A SITE!

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: LIGHTKEEPERS MARINA

Address of Marina: 4605 LIGHTKEEPERS WAY, LITTLE RIVER, SC 29866

Waterway: @ COQUINA HARBOR

Phone Number: 843-249-5773 Fax: 843-249-7168

Contact Person: RON PETERSEN

Size of Basin (Acres/ No. of Slips): ACRES UNK / 125 SLIPS

Type of Facilities/Amenities (Yes/No)

Fuel NO Dry Stack Storage NO

Pump-out NO Restrooms YES

Other (explain) POOL, SHIPS STORE

Date Marina first opened, if known: 1989

Dredging Information:

Date of most recent maintenance dredging activity: 1ST DREDGE PLANNED IN 2005

Quantity of Material dredged and method: PLAN-FLOATING DREDGE/EST 18,000 CU YDS

Date permit issued for recent dredging, if known: AWAITING

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
Horry County Spoil Basin - Across Intracoastal @ Coquina Harbor

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
SAND + SILTS



Reason for disposal location used: PROXIMITY

Does the marina own/maintain an onsite upland disposal facility: NO

If so, what size and capacity: N/A

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 5 YEARS

Is future dredging activity to be performed under new or existing permit: UNK

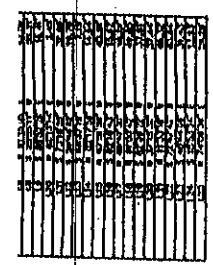
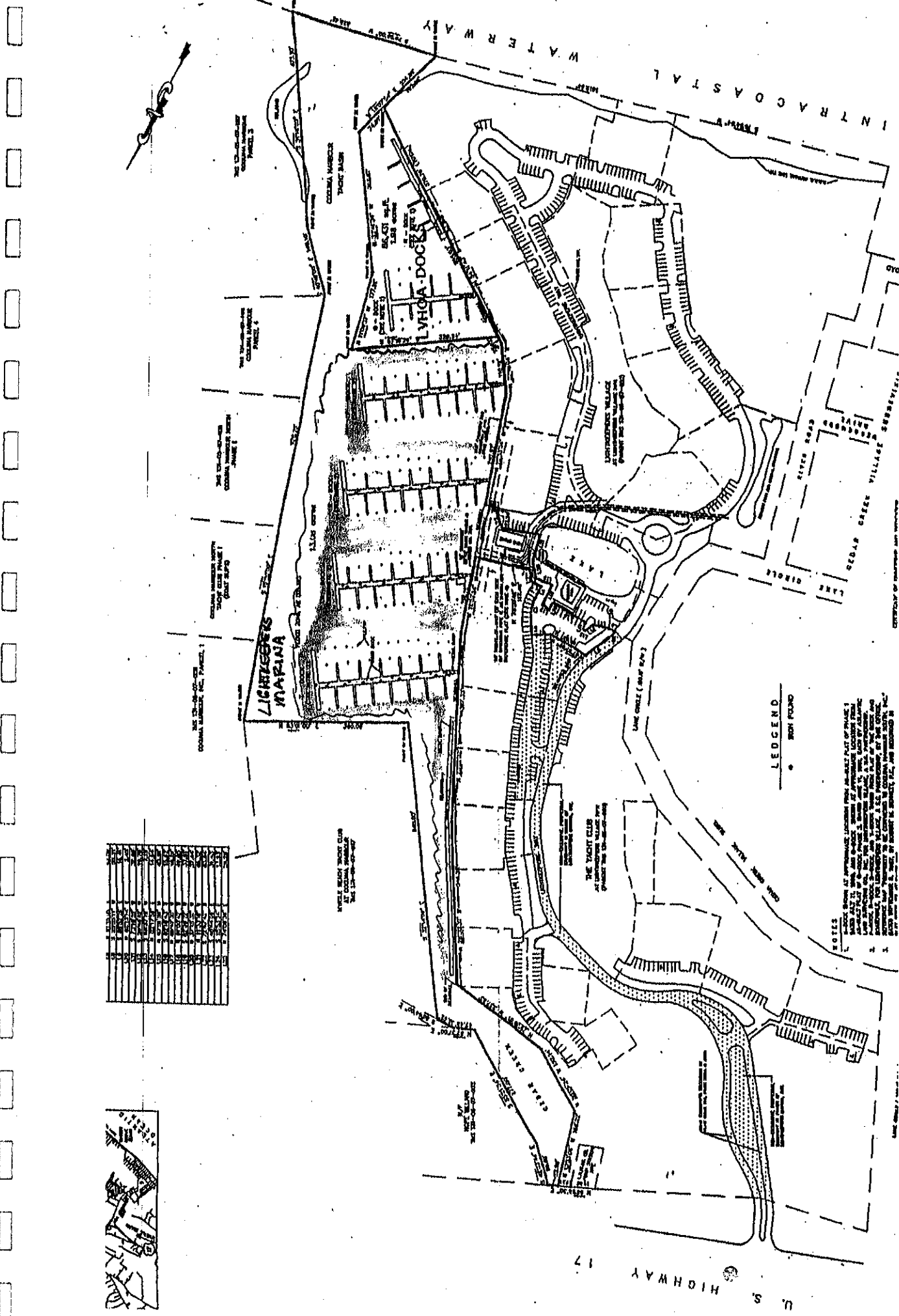
Proposed location of disposal for future dredging: HORRY COUNTY SPOIL BASIN

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:
WORKING OUR WAY THROUGH THE PERMIT PROCESS;
CORPS OF ENGINEERS COMMUNICATION IS ESPECIALLY

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

DIFFICULT.





LEGEND

NOTES

1. THE BEACH WOOD CLUB IS A PART OF PHASE 1 OF THE DEVELOPMENT AND IS NOT PART OF THIS PLAN.
2. THE BEACH WOOD CLUB IS A PART OF PHASE 1 OF THE DEVELOPMENT AND IS NOT PART OF THIS PLAN.
3. THE BEACH WOOD CLUB IS A PART OF PHASE 1 OF THE DEVELOPMENT AND IS NOT PART OF THIS PLAN.
4. THE BEACH WOOD CLUB IS A PART OF PHASE 1 OF THE DEVELOPMENT AND IS NOT PART OF THIS PLAN.
5. THE BEACH WOOD CLUB IS A PART OF PHASE 1 OF THE DEVELOPMENT AND IS NOT PART OF THIS PLAN.

U.S. HIGHWAY 17



**THE MARINA
AT LITCHFIELD PLANTATION**

Fax Sheet

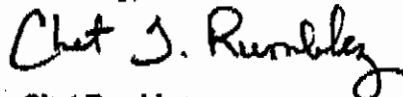
Date: January 14, 2005
TO: Jim Drucker
From: Litchfield Plantation Marina
Company Name: Thomas & Hutton Engineering Group Co.
City / State: Mount Pleasant, South Carolina
Total Pages: 4 pages

Dear Jim Drucker,

Thank you for spending the time this morning discussing very important issues in the needs of marina dredging projects and DHEC response time on mandated dredging governing laws. I do appreciate everyone's help in this matter. In fact all marinas support any new changes for the better, in the mandating of laws regarding dredging. Please accept my form "Marina Dredging and Disposal Needs Assessment Survey". I hope in some way the dredging laws will be viewed by DHEC in a more detailed way for concern of making the life of marinas more enjoyable through these up bringing in dredging laws.

If I can be of more help please let me know. You can contact me at the marina office
Mon - Fri 8:00am - 5:00pm.

Sincerely,



Chet Rumbley
Harbor Master



Post Office Box 290, Kings River Road, Pawleys Island, South Carolina 29585
Telephone (843) 237-5300 Ext. 444 Fax (843) ~~237-1000~~ 235-0807
Web: www.litchfieldplantation.com Email: TheMarina@LitchfieldPlantation.com



**COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY**

General Information:

Marina: Litchfield Plantation Marina

Address of Marina: PO Box 290 Kings River Road Pawleys Island SC 29585

Waterway: Between Marker's 77, 78-Down Waverly Creek, Litchfield Creek

Phone Number: 843-237-5300 x444 Fax: 843-235-0807

Contact Person: Harbor Master - Chet Rumbley

Size of Basin (Acres/ No. of Slips): 1 acre / 68 Wet Slips

Type of Facilities/Amenities (Yes/No)

Fuel No Dry Stack Storage No

Pump-out Yes Restrooms Yes

Other (explain) _____

Date Marina first opened, if known: May 13, 2003

Dredging Information:

Date of most recent maintenance dredging activity: October 2002

Quantity of Material dredged and method: Unknown/Unknown

Date permit issued for recent dredging, if known: Unknown

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
Material pumped to upland disposal sight

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
Silt material dredged, "fluff mud"



Reason for disposal location used: Non-contaminated soil upland field site

Does the marina own/maintain an onsite upland disposal facility: NO ?

If so, what size and capacity: _____

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: Unknown

Is future dredging activity to be performed under new or existing permit: NEW PERMIT

Proposed location of disposal for future dredging: Same disposal site

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

See Attachment

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



THE MARINA AT LITCHFIELD PLANTATION

SCDHEC Engineers need to keep in mind large capital companies, whom own marinas, should not take precedence over smaller owned marinas seeking dredge permits. All size marinas add a tax base to each city/county where they are located. The time frame it takes for a SCDHEC Engineer to grant a dredge permit is way to slow, even after all the data has been appropriately applied. Each marina suffers considerable profit loss mostly due to the slowness in DHEC response time to dredge permit applications. But even if a marina meets the guidelines set by DHEC, the Engineers create new demands that seem to carry on with no end in site. Marina dredge applications need to have DHEC Engineer response time made in a quicker time frame and set the standards completely on the table from the beginning at the application process and not create new walls for marinas to overcome and never seem to materialize. This basically cost marinas unneeded amounts of money in research data from outside Engineering firms. A new formal state wide governing plan needs to be decided upon in all areas of dredging and spoil site removal and governed in South Carolina. This will implement great protective measures for marshes, watersheds and estuaries at the same time allow dredge programs that continue to produce a strong marina/boater tax base that tax payers rely upon year after year, which also causes the great sport of boating/fishing with the marina atmosphere for the future.



Post Office Box 290, Kings River Road, Pawleys Island, South Carolina 29585
Telephone (843) 237-5300 Ext. 444 Fax (843) 237-1688
Web: www.litchfieldplantation.com Email: TheMarina@LitchfieldPlantation.com



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: MARINER'S CAY MARINA

Address of Marina: 3A MARINERS CAY DR. (P.O. Box 1229)

Waterway: Folly RIVER

Phone Number: 588-2091 Fax: 588-9040

Contact Person: GREGG SMITH

Size of Basin (Acres/ No. of Slips): 86 slips

Type of Facilities/Amenities (Yes/No)

Fuel _____ Dry Stack Storage _____

Pump-out _____ Restrooms _____

Other (explain) _____

Date Marina first opened, if known: 1985 +/- (Really not sure)

Dredging Information:

Date of most recent maintenance dredging activity: NONE

Quantity of Material dredged and method: - N/A

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc: N/A

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc. N/A

We are going to need some major dredging in the next couple of years -



Reason for disposal location used: _____

Does the marina own/maintain an onsite upland disposal facility: NO

If so, what size and capacity: _____

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: _____

Is future dredging activity to be performed under new or existing permit: Couple 4 years

Proposed location of disposal for future dredging: UNKNOWN AT THIS TIME

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: Myrtle Beach Yacht Club

Address of Marina: 714 Hwy 17 North Little River SC

Waterway: _____

Phone Number: (843) 249-5376 Fax (843) 280-9997

Contact Person: _____

Size of Basin (Acres/ No. of Slips): 153 Slips

Type of Facilities/Amenities (Yes/No)

Fuel _____ Dry Stack Storage _____

Pump-out _____ Restrooms _____

Other (explain) _____

Date Marina first opened, if known: 1981

Dredging Information:

Date of most recent maintenance dredging activity: None

Quantity of Material dredged and method: _____

Date permit issued for recent dredging, if known: _____

Method and location of disposal used, i.e. ocean dump, upland disposal, etc: _____

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc. _____



Reason for disposal location used: Harry County Disposal Site for us

Does the marina own/maintain an onsite upland disposal facility: _____

If so, what size and capacity: _____

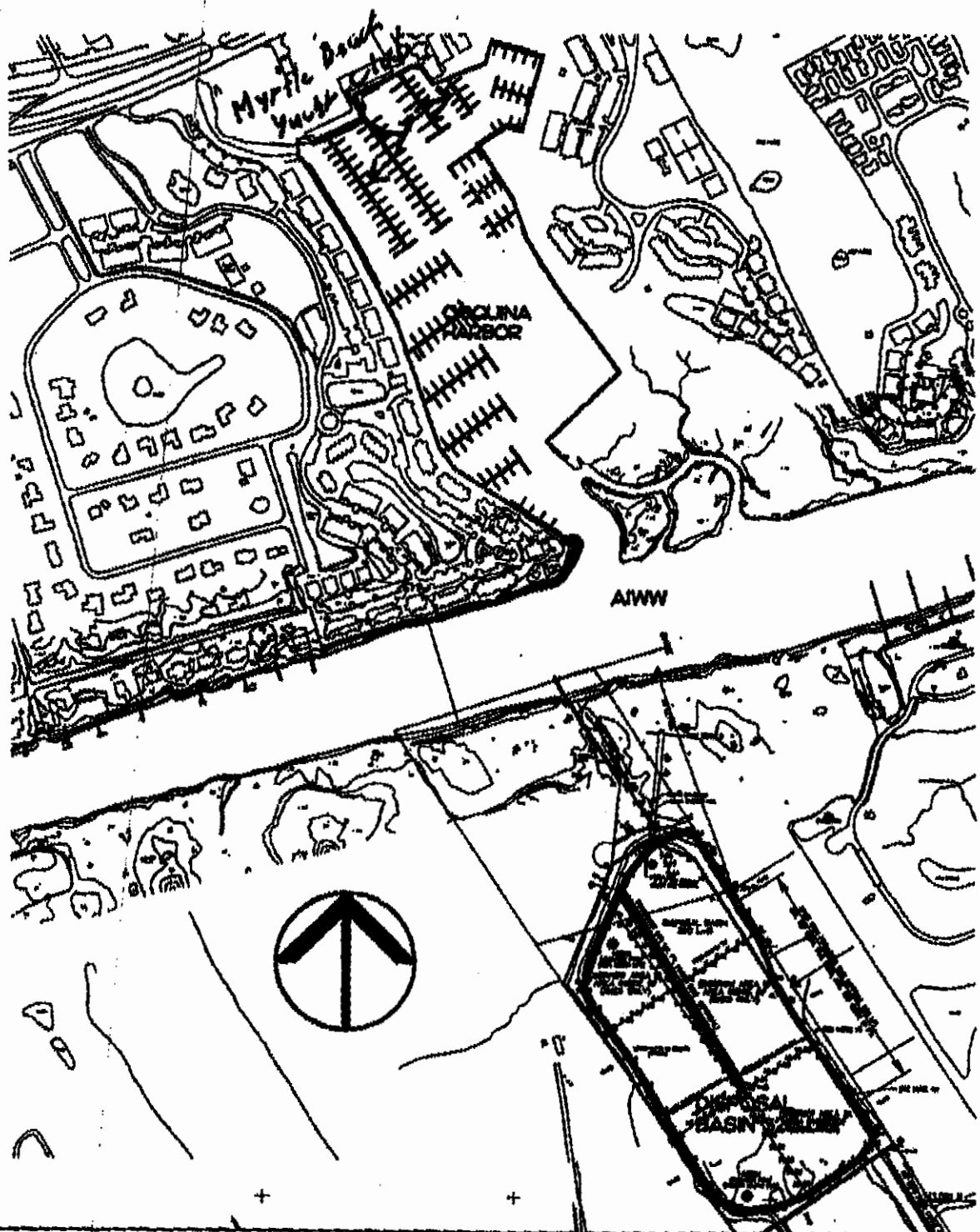
Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: In 2005

Is future dredging activity to be performed under new or existing permit: New

Proposed location of disposal for future dredging: Disposal Site 3906-0

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



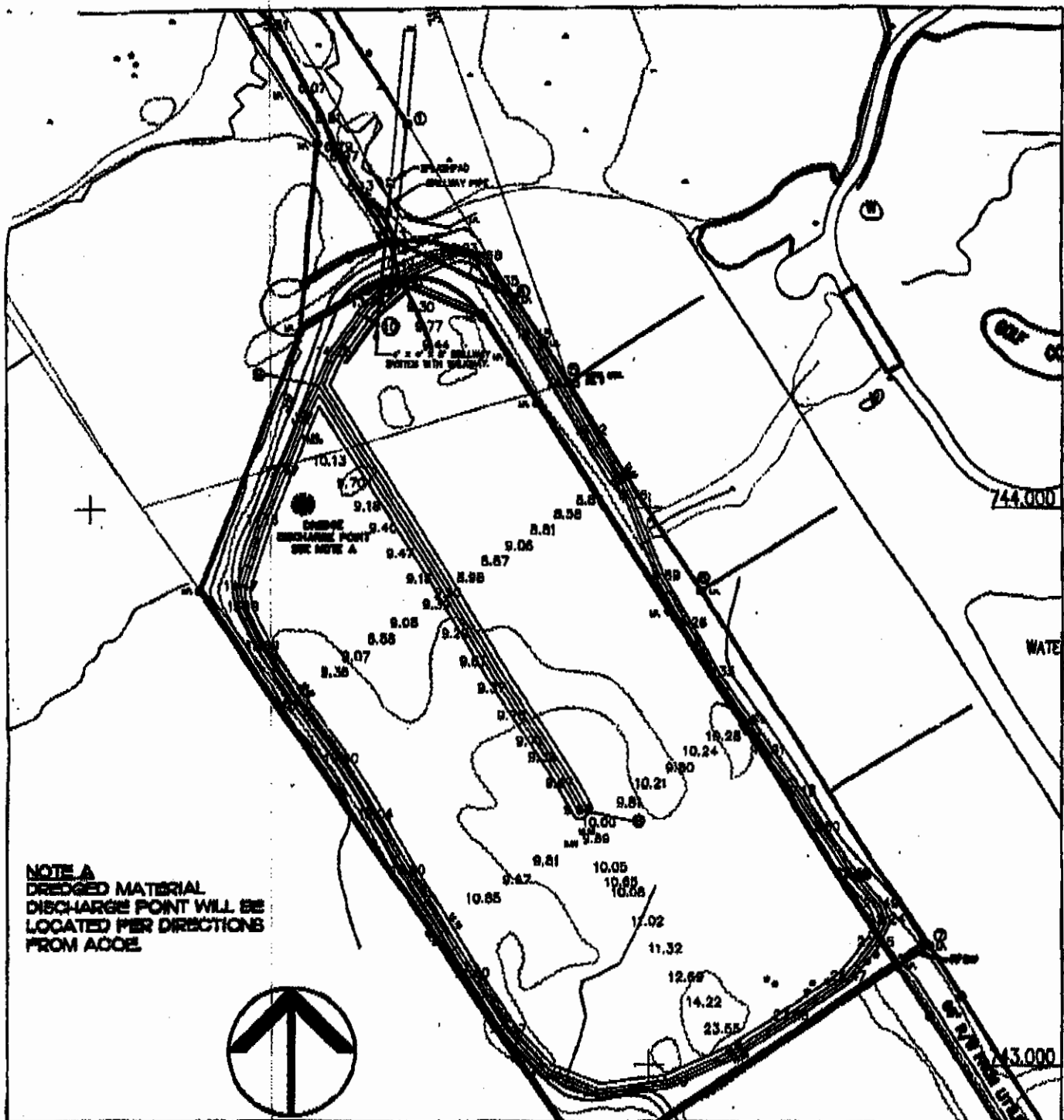
COQUINA HARBOR
LITTLE RIVER
HORRY COUNTY

HARBOR AND DISPOSAL
BASIN PROXIMITY

PROPOSED MAINTENANCE
DREDGING IN COQUINA
HARBOR

COUNTY OF HORRY
STATE OF SOUTH CAROLINA
DATE 2/5/04
SCALE 1 IN. = 600 FT.

11.7.04



NOTE A
 DREDGED MATERIAL
 DISCHARGE POINT WILL BE
 LOCATED PER DIRECTIONS
 FROM ACCE.



**COQUINA HARBOR
 LITTLE RIVER
 HORRY COUNTY**

**DISPOSAL BASIN
 320 L-B**

**PROPOSED MAINTENANCE
 DREDGING IN COQUINA
 HARBOR**

COUNTY OF HORRY
 STATE OF SOUTH CAROLINA
 DATE 2/5/04
 SCALE 1 IN. = 3000 FT.



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: NIB MARINA & BOATWORKS, INC BA-SILVER COAST MARINA

Address of Marina: 4430 KINGS PORT RD., L. RIVER, SC 29566

Waterway: KW L.R.

Phone Number: 843-249-1000 Fax: 843-249-8468

Contact Person: KATHLEEN BARTUS

Size of Basin (Acres/ No. of Slips): 5 DEDICATED, APPROX 150' FLOATING PARA. TO WW.

Type of Facilities/Amenities (Yes/No)

Fuel Y Dry Stack Storage Y

Pump-out Y Restrooms Y

Other (explain) _____

Date Marina first opened, if known: APPROX 1970

Dredging Information:

Date of most recent maintenance dredging activity: N/A

Quantity of Material dredged and method: N/A

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc: N/A

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc. N/A



Reason for disposal location used: N/A

Does the marina own/maintain an onsite upland disposal facility: N/A

If so, what size and capacity: N/A

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: N/A

Is future dredging activity to be performed under new or existing permit: N/A

Proposed location of disposal for future dredging: N/A

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:
MARINA IS DIRECT TIDAL FRONTED. DEPTH IS NATURAL
& HAS REMAINED SO FOR MANY YEARS.

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: Osprey Marina

Address of Marina: 8400 Osprey Rd.

Waterway: Mile Marker 373

Phone Number: 843-215-5353 Fax: 843-215-5354

Contact Person: Carson Benton

Size of Basin (Acres/ No. of Slips): 96 wet slips

Type of Facilities/Amenities (Yes/No)

Fuel yes Dry Stack Storage yes

Pump-out yes Restrooms yes

Other (explain)

Date Marina first opened, if known: Feb - 1997

Dredging Information:

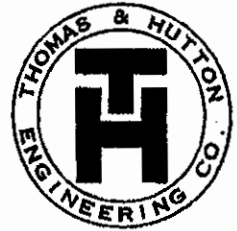
Date of most recent maintenance dredging activity: None

Quantity of Material dredged and method: None

Date permit issued for recent dredging, if known: None

Method and location of disposal used, i.e. ocean dump, upland disposal, etc: None

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc: None



Reason for disposal location used: None

Does the marina own/maintain an onsite upland disposal facility: yes.

If so, what size and capacity: 500.

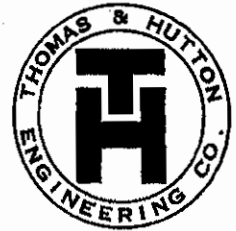
Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: no current problems.

Is future dredging activity to be performed under new or existing permit: new

Proposed location of disposal for future dredging: spoil site

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:
None.

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



**COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY**

General Information:

Marina: Palmetto Bay Marina

Address of Marina: 86 Helmsman way, HILLOWHEAD IS. S.C. 29928

Waterway: BROAD CREEK

Phone Number: 843-785-3910 Fax: 843-686-3061

Contact Person: Chris Wimmer

Size of Basin (Acres/ No. of Slips): 140 Slips

Type of Facilities/Amenities (Yes/No)

Fuel Dry Stack Storage

Pump-out Restrooms

Other (explain) BOAT YARD - TRAVEL LIFT

Date Marina first opened, if known: NOV. 1959

Dredging Information:

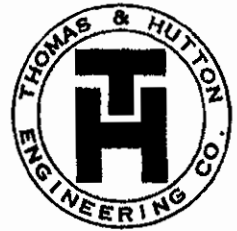
Date of most recent maintenance dredging activity: 12-1-00

Quantity of Material dredged and method: 1,700 cu. yds.

Date permit issued for recent dredging, if known: 9-25-00

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
LAND BASED EXCAVATION - UPLAND DISPOSAL ON MARINA PROPERTY

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
SILTS



Reason for disposal location used: SEEMED BEST SOLUTION AT THE TIME.

Does the marina own/maintain an onsite upland disposal facility: NO

If so, what size and capacity: _____

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: BEFORE 2010

Is future dredging activity to be performed under new or existing permit: EXISTING

Proposed location of disposal for future dredging: ?

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

ACCESS TO AN UPLAND DISPOSAL FACILITY THAT OUR SMALL AMOUNT OF SPOILS COULD BE TRUCKED TO.

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

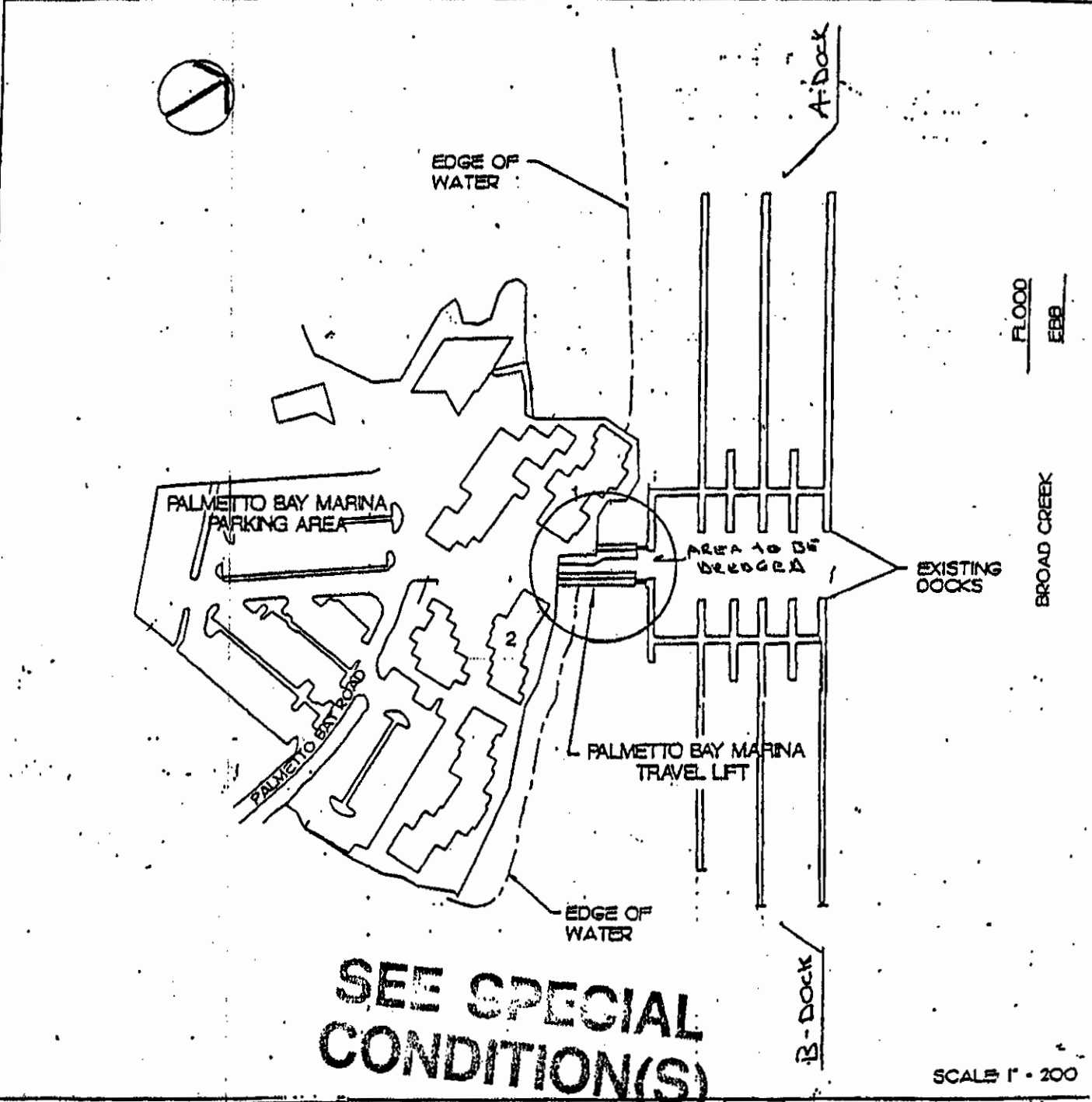
AS YOU SEE IN THE ENCLOSED DRAWING OUR DREDGE NEEDS ARE MINIMAL, BUT IMPORTANT TO OUR BOAT YARD OPERATION.

OUR DREDGING IS LIMITED TO OUR LIFT WELL AREA ONLY.

PLEASE DO NOT HESITATE TO CALL IF I MAY BE OF FURTHER ASSISTANCE.

Sincerely,
Chris Wimmer
HarborMaster

12-8-04



**SEE SPECIAL
CONDITION(S)**

SCALE 1" = 200'

ADJACENT PROPERTY OWNERS

- 1- Palmetto Bay Club
- 2- Dockmaster Court

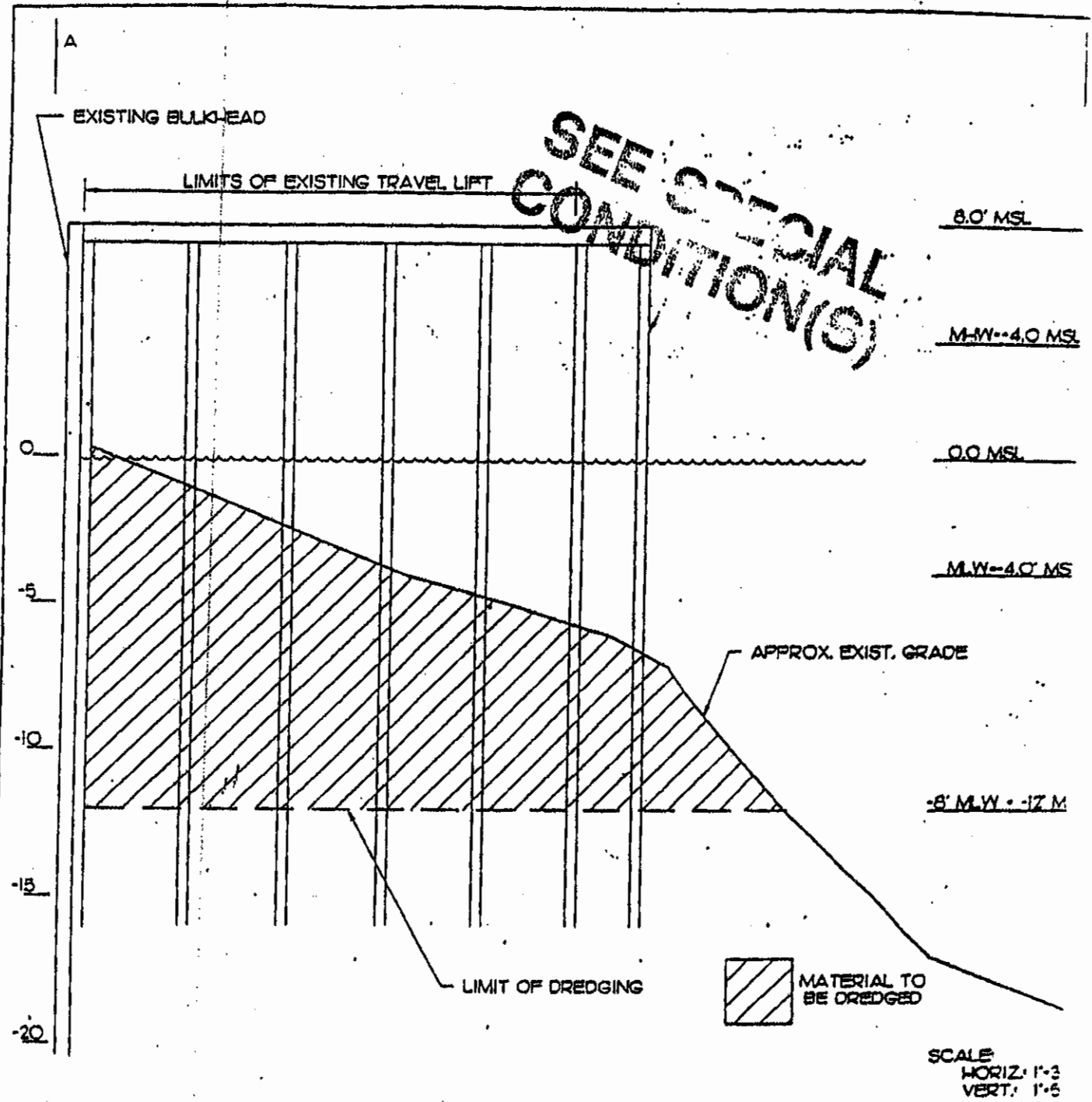
SITE PLAN
Dock Layout

PALMETTO BAY MARINA
 HILTON HEAD, SC 29928

Proposed:
 MAINTENANCE
 DREDGING -
 Hilton Head Is
 ON Broad Creek
 Beaufort County
 South Carolina.
 Sh. 2 of 7
 4-5-00

509-11-11

SEE SPECIAL
CONDITION(S)



SCALE
HORIZ. 1"=3'
VERT. 1"=5'

PURPOSE: UPGRADE OF AN EXISTING MARINA FACILITY

- ADJACENT PROPERTIES:
- ① PALMETTO BAY CLUB
 - ② DOCKMAST CONDOMINIUMS

CROSS SECTION

PALMETTO BAY MARINA
HILTON HEAD, S.C. 29936

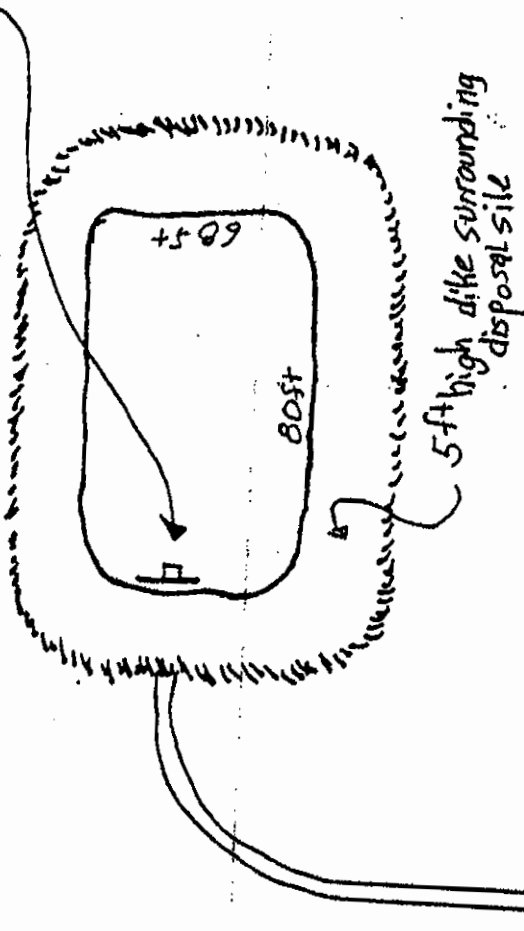
PROPOSED MAINTENANCE DREDG

IN: HILTON HEAD ISLAND
ON BROAD CREEK
COUNTY OF BEAUFORT
STATE: SOUTH CAROLINA

Sh. 4 of 7
4-5-00

SEE SPECIAL
CONDITION(S)

Water control structure:
8" pipe, flow controlled by 6" spillway boards



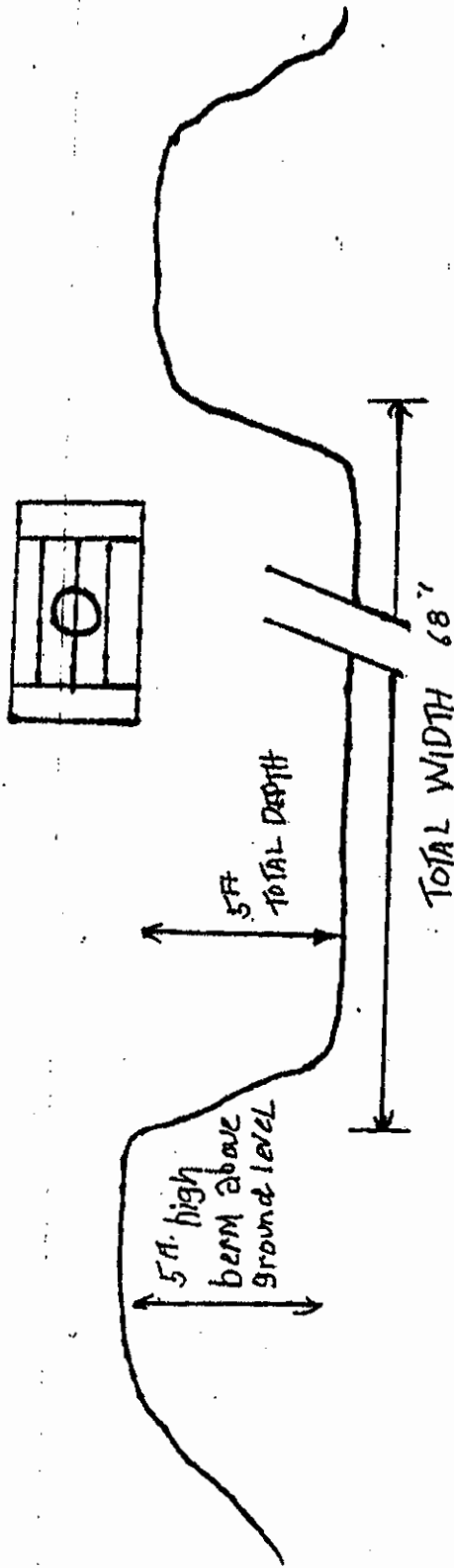
Project Title: MAINTENANCE DREDGING	
Project Location: HILTON HEAD ISL BENEFORT COUNTY	
Applicant: PALMETTO BAY MARINA	
Date: 4-5-00	Scale: None
Application #	Sheet No. 6 of 7

Revisions	Date	Initials

Cross Section of disposal Site:

5 ft high dike surrounding disposal site measuring 80 ft long x 68 ft wide with total depth of 5 ft.

Water Control Structure:
8" pipe : water level controlled by 6" spillway Boards

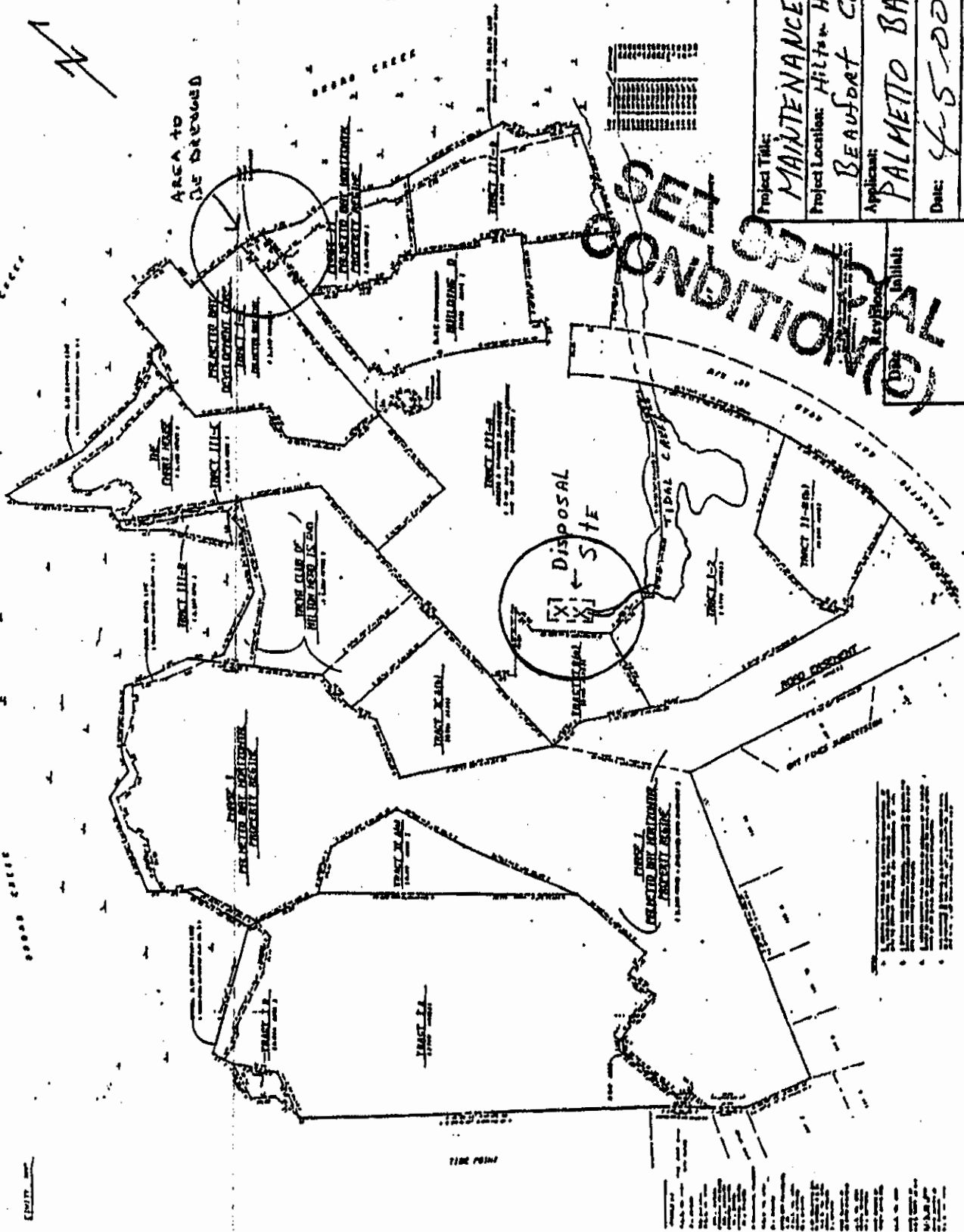


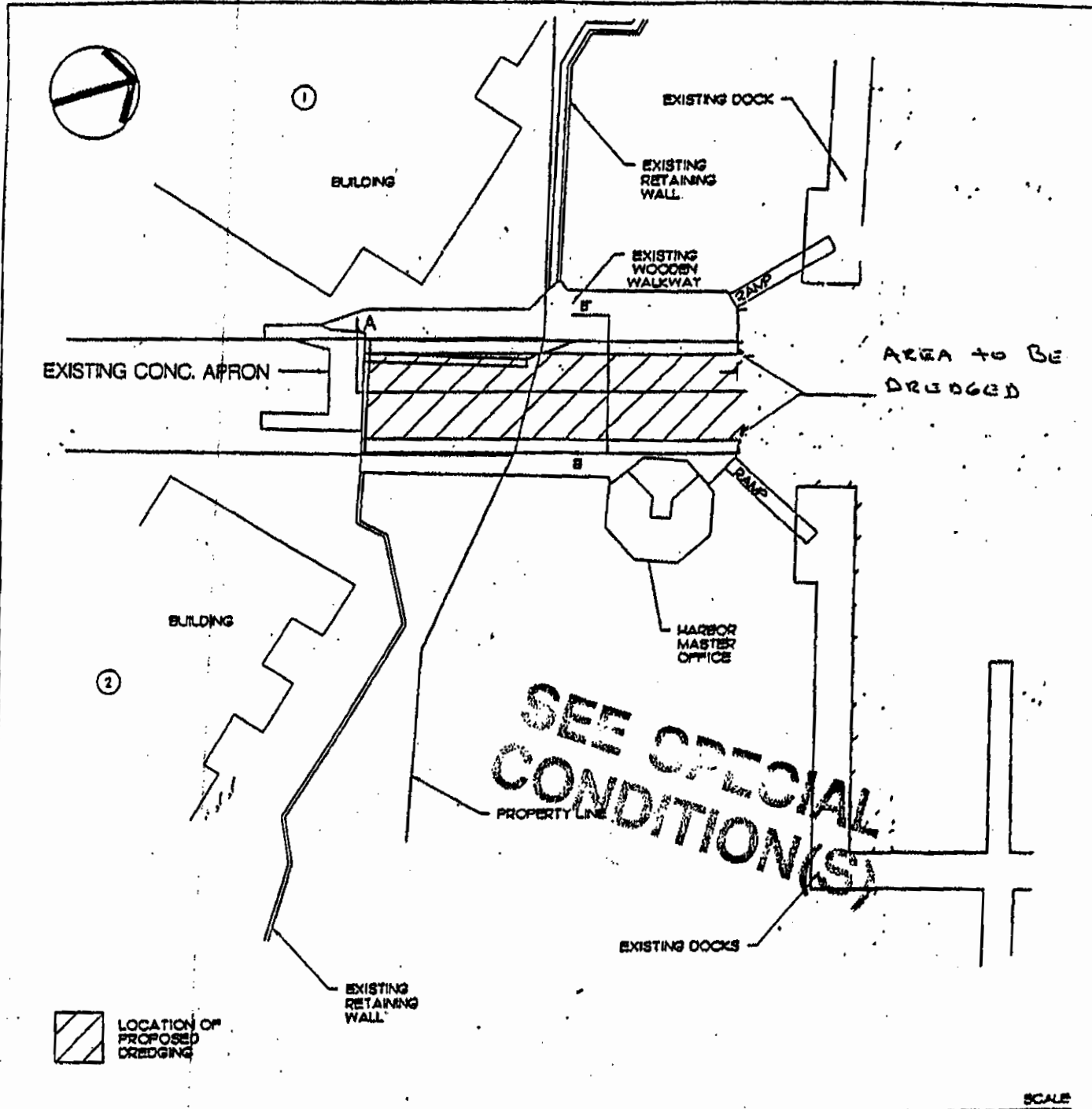
SEE SPECIAL CONDITION(S)

Revisions	Initials
Date	

Project Title: MAINTENANCE DREDGING	
Project Location: Hilton Head Isl Beaufort County	
Applicant: PALMETTO BAY MARINA	
Date: 4-5-00	Scale: NONE
Application #	Sheet 7 of 7

Project Title: **MAINTENANCE DREDGING**
 Project Location: **Hilton Head Is.**
 Applicant: **BEAUFORT County**
 Date: **4-5-00** Scale: **NONE**
 Application #: **Sheet 5 of 7**

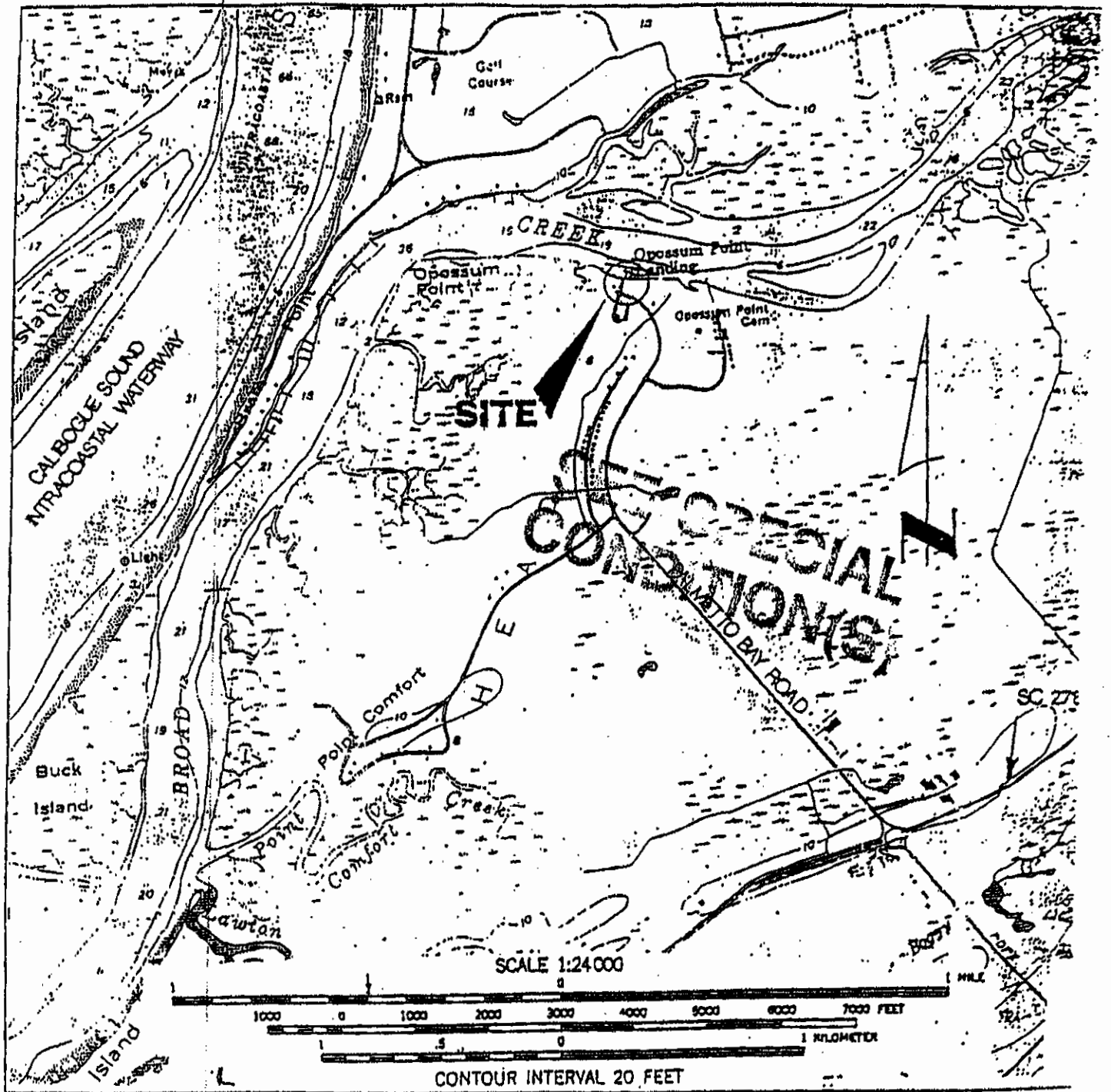




SCALE

<p>PURPOSE: UPGRADE OF AN EXISTING MARINA FACILITY</p> <p>ADJACENT PROPERTY OWNERS:</p> <p>① PALMETTO BAY CLUB</p> <p>② DOCKMAST CONDOMINIUMS</p>	<p>TRAVEL LIFT / DREDGING PLAN VIEW</p> <p>PALMETTO BAY MARINA HILTON HEAD, S.C. 29936</p>	<p>PROPOSED MAINTENANCE DREDG</p> <p>IN: HILTON HEAD ISLAND ON BROAD CREEK COUNTY OF BEAUFORT STATE: SOUTH CAROLINA</p> <p><i>Sh. 3 of 7</i> <i>4-5-00</i></p>
---	--	--

10 OF 11
11 OF 11



VICINITY MAP
 BLUFFTON, SC QUADRANGLE
 PALMETTO BAY MARINA
 HILTON HEAD, S.C. 29936

PROPOSED:
 MAINTENANCE
 DREDGING -
 Hilton Head Is.
 ON - Broad Creek
 Beaufort County
 South Carolina
 4-5-00

Sh. 1 of 7



**COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY**

General Information:

Marina: Port Royal Landing Marina, Inc.
Address of Marina: 1 Landing Drive Port Royal, S.C. 29935
Waterway: Beaufort River / I.C.W
Phone Number: 843-525-6664 Fax: 843-525-9166
Contact Person: Tom Wilson
Size of Basin (Acres/ No. of Slips): 130 slips +/- / 8 acres +/-

Type of Facilities/Amenities (Yes/No)

Fuel yes Dry Stack Storage no

Pump-out yes Restrooms yes

Other (explain) upland shipstore + restaurant

Date Marina first opened, if known: 1987 +/- (?)

Dredging Information:

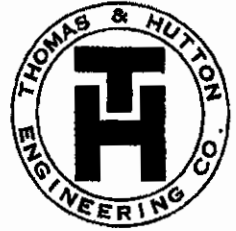
Date of most recent maintenance dredging activity: None

Quantity of Material dredged and method: ''

Date permit issued for recent dredging, if known: ''

Method and location of disposal used, i.e. ocean dump, upland disposal, etc: ''

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc. ''



Reason for disposal location used: N/A

Does the marina own/maintain an onsite upland disposal facility: No

If so, what size and capacity: N/A

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 1 year +/-

Is future dredging activity to be performed under new or existing permit: New

Proposed location of disposal for future dredging: unknown

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

We would like to have access to a disposal site

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

in anticipation of future needs.

- We would like to have compilation ~~as~~ or conclusions of this survey.

Tom Wilson



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: Ripley Light Marina
Address of Marina: 56 Ashley Pointe Drive
Waterway: Off Ashley Marina (Ripley Basin)
Phone Number: 843-761-2100 Fax: 843-763-6128
Contact Person: Bruce Wallace
Size of Basin (Acres/ No. of Slips): 1800' x 100' +/-

Type of Facilities/Amenities (Yes/No)

Fuel Yes Dry Stack Storage Yes
Pump-out Yes Restrooms Yes
Other (explain)

Date Marina first opened, if known: 1988

Dredging Information:

Date of most recent maintenance dredging activity: Spring 2004
Quantity of Material dredged and method: 37,000 CY
Date permit issued for recent dredging, if known: 2002?
Method and location of disposal used, i.e. ocean dump, upland disposal, etc: Citadel Spoil Basin
Type of material dredged, i.e., beach quality sand, contaminated, silts, etc: Silts



Reason for disposal location used: Closest Available

Does the marina own/maintain an onsite upland disposal facility: NO

If so, what size and capacity: _____

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 1/05

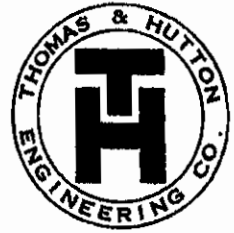
Is future dredging activity to be performed under new or ~~existing~~ permit: _____

Proposed location of disposal for future dredging: Citadel

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

Need long term Disposal Site.

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



**COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY**

General Information:

Marina: Rockville Marine
Address of Marina: 2412 Marina Rd, Wadmalaw Island 29487
Waterway: Adams Creek
Phone Number: 559-1124 Fax: 559-0095
Contact Person: Anthony Black
Size of Basin (Acres/ No. of Slips): 14 slips

Type of Facilities/Amenities (Yes/No)

Fuel N Dry Stack Storage N
Pump-out N Restrooms N
Other (explain) Boatyard - work slips only.

Date Marina first opened, if known: ?

Dredging Information:

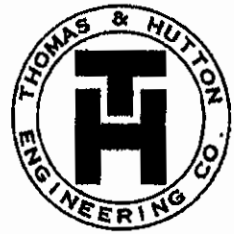
Date of most recent maintenance dredging activity: none

Quantity of Material dredged and method: 0

Date permit issued for recent dredging, if known: N/A

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
N/A

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
N/A



Reason for disposal location used: N/A

Does the marina own/maintain an onsite upland disposal facility: no

If so, what size and capacity: N/A

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: none planned

Is future dredging activity to be performed under new or existing permit: N/A

Proposed location of disposal for future dredging: N/A

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: ROSS MARINE
 Address of Marina: 2676 SWYGERT BLVD
 Waterway: STONE RIVER - AICW - MILE MARKER 476
 Phone Number: 843-559-0379 Fax: 843-559-3172
 Contact Person: PAUL SWYGERT SR
 Size of Basin (Acres/ No. of Slips): 1986 40 SLIPS

Type of Facilities/Amenities (Yes/No)

Fuel YES Dry Stack Storage NO
 Pump-out NO Restrooms YES

Other (explain) WE ARE IN THE PROCESS TO BUILDING A DRY STACK

Date Marina first opened, if known: 1986

Dredging Information:

Date of most recent maintenance dredging activity: NA

Quantity of Material dredged and method: NA

Date permit issued for recent dredging, if known: NA

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
N/A

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
N/A



Reason for disposal location used: NA

Does the marina own/maintain an onsite upland disposal facility: No

If so, what size and capacity: NA

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: NA

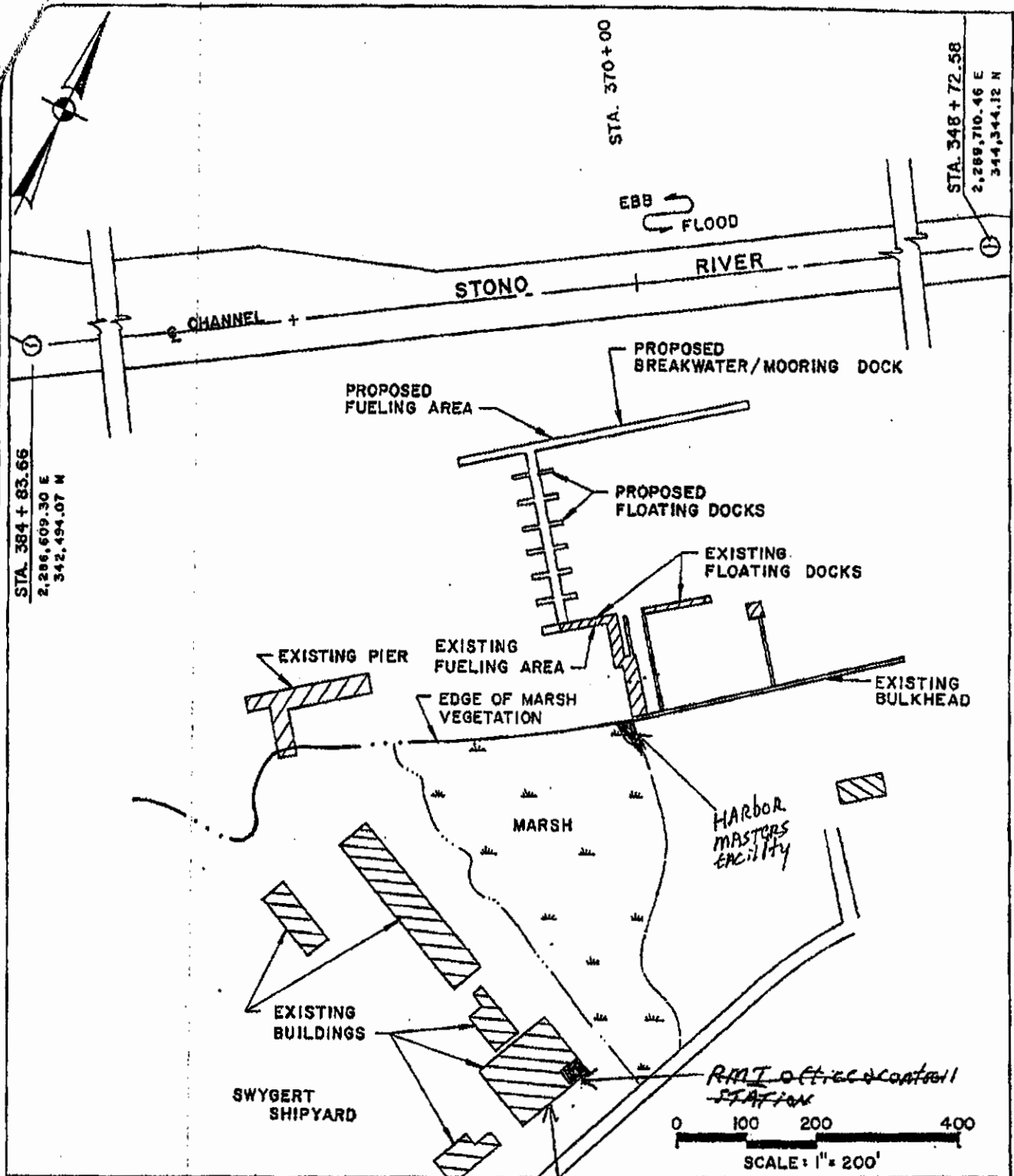
Is future dredging activity to be performed under new or existing permit: NA

Proposed location of disposal for future dredging: NA

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

NA

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



SITE DEVELOPMENT

DATUM: MEAN LOW WATER

*SATTEY EWING
LOCATION*

PROPOSED ACTIVITY:
MOORING DOCKS & BREAKWATER
FOR EXISTING BOAT REPAIR FACILITY
COUNTY:
CHARLESTON

APPLICANT:
ROSS MARINE

REV. 10/10/90 - REMOVED 30% OF OVERALL FLOATING DOCK LENGTH



**COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY**

General Information:

Marina: Shem Creek Marina

Address of Marina: 526 mill ST.

Waterway: Shem Creek

Phone Number: 843-884-3211 Fax: 843-884-8104

Contact Person: Jeff Jarrard

Size of Basin (Acres/ No. of Slips): 200 dry / 25 wet

Type of Facilities/Amenities (Yes/No)

Fuel Dry Stack Storage

Pump-out Restrooms

Other (explain) _____

Date Marina first opened, if known: _____

Dredging Information:

Date of most recent maintenance dredging activity: Unknown

Quantity of Material dredged and method: Unknown

Date permit issued for recent dredging, if known: Unknown

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
Unknown

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
Unknown



Reason for disposal location used: Unknown

Does the marina own/maintain an onsite upland disposal facility: No

If so, what size and capacity: _____

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: Unknown

Is future dredging activity to be performed under new or existing permit: New(?)

Proposed location of disposal for future dredging: Unknown

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: Skull Creek Marina
 Address of Marina: 1 Waterway Lane Hilton Head Island, SC 29926
 Waterway: Intracoastal Waterway, Skull Creek off Port Royal Sd.
 Phone Number: 843-681-8434 Fax: 843-681-3946
 Contact Person: Ross Lysinger
 Size of Basin (Acres/ No. of Slips): 20.25 / 151

Type of Facilities/Amenities (Yes/No)

Fuel ✓ Dry Stack Storage _____
 Pump-out ✓ Restrooms ✓
 Other (explain) _____

Date Marina first opened, if known: 1978

Dredging Information:

Date of most recent maintenance dredging activity: None
 Quantity of Material dredged and method: N/A
 Date permit issued for recent dredging, if known: N/A
 Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
N/A
 Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
N/A



Reason for disposal location used: N/A

Does the marina own/maintain an onsite upland disposal facility: NO

If so, what size and capacity: N/A

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 2006-2007

Is future dredging activity to be performed under new or existing permit: new

Proposed location of disposal for future dredging: not determined

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



**COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY**

General Information:

Marina: South Beach Marina Harbormaster
Address of Marina: 232 South Sea Pines Dr, Hilton Head
Waterway: Braddock Creek
Phone Number: 843-671-6699 Fax: 843-785-3581
Contact Person: Alan Pollard
Size of Basin (Acres/ No. of Slips): 100 Slips

Type of Facilities/Amenities (Yes/No)

Fuel ✓ Dry Stack Storage _____
Pump-out _____ Restrooms ✓
Other (explain) _____

Date Marina first opened, if known: 1974

Dredging Information:

Date of most recent maintenance dredging activity: 4/2003

Quantity of Material dredged and method: 90,000 cy

Date permit issued for recent dredging, if known: 5/2002

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
OCEAN DISPOSAL - PORT ROYAL ODMDS

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
marsh mud



Reason for disposal location used: NO UPLAND, OCRM WONT ISSUE *inshore*

Does the marina own/maintain an onsite upland disposal facility: NO SPACE

If so, what size and capacity: —

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: UNKNOWN

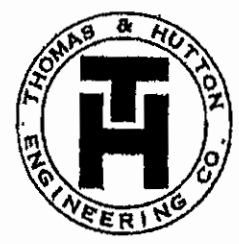
Is future dredging activity to be performed under new or existing permit: UNKNOWN

Proposed location of disposal for future dredging: UNKNOWN

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* NO UPLAND AVAILABLE, OCEAN NOT PRACTICABLE
MUST HAVE INSHORE 404!

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: EASTPORT MARINA, F.K.A. SPINNAKER COVE MARINA
 Address of Marina: 4600 EASTPORT BLVD., LITTLE RIVER, SC 29566
 Waterway: SEE ATTACHED LOCATION MAP
 Phone Number: 843-249-5773 Fax: 843-249-7168
 Contact Person: RON PETERSEN
 Size of Basin (Acres/ No. of Slips): 1.59 ACRES / 44 SLIPS

Type of Facilities/Amenities (Yes/No)

Fuel NO Dry Stack Storage NO
 Pump-out YES Restrooms YES
 Other (explain) PARKING LOT

Date Marina first opened, if known: JUNE 2001

Dredging Information:

Date of most recent maintenance dredging activity: SPRING 2001
 Quantity of Material dredged and method: 8000 CU YDS, FLOATING DREDGE
 Date permit issued for recent dredging, if known: N/A
 Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
.48 ACRE, ON-SITE UPLAND SPOIL SITE
 Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
MOSTLY SILTS + SAND



Reason for disposal location used: PROXIMITY

Does the marina own/maintain an onsite upland disposal facility: YES

If so, what size and capacity: .48 ACRE, 8,000 CU YDS

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 2005

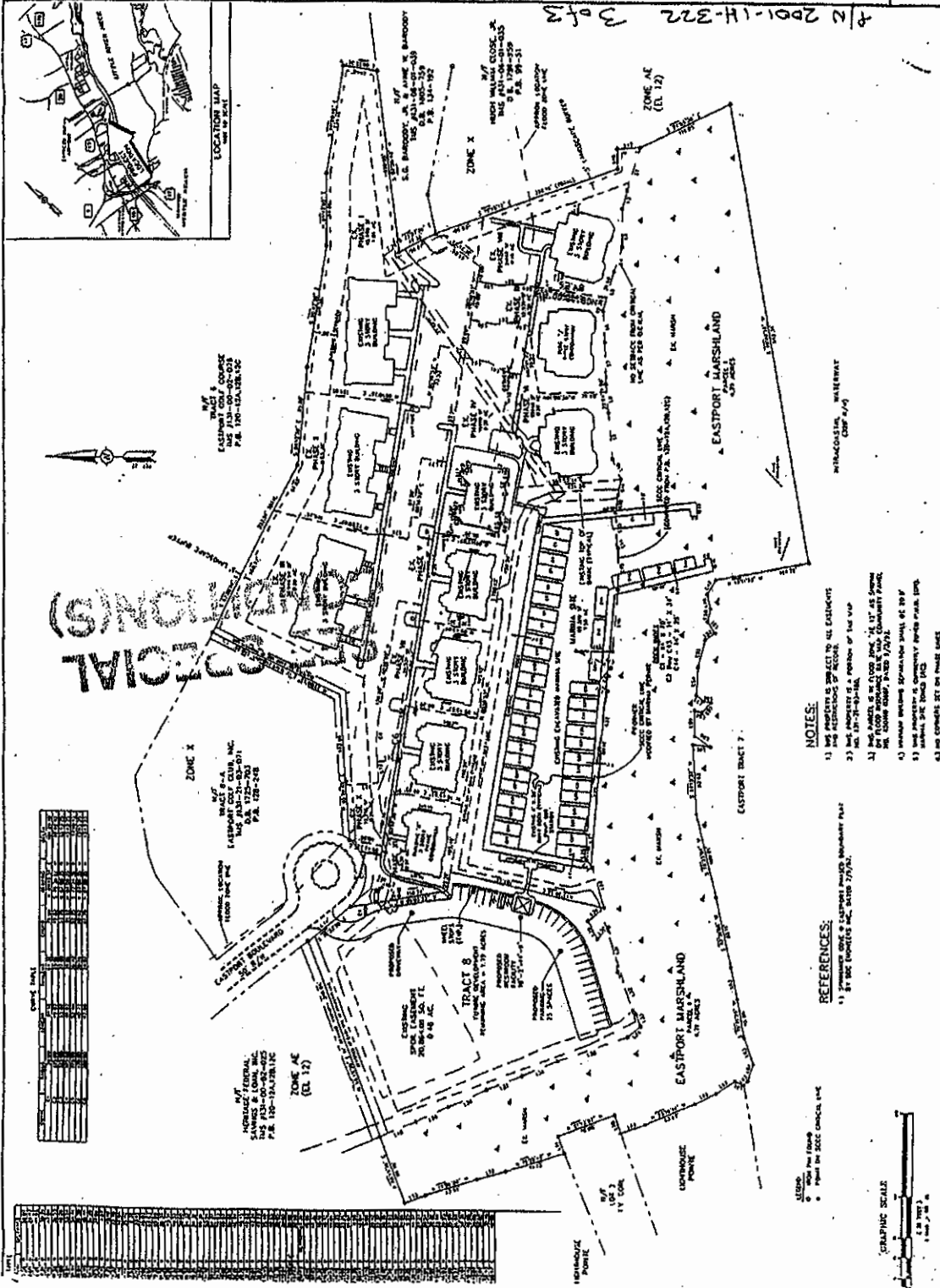
Is future dredging activity to be performed under new or existing permit: EXISTING?

Proposed location of disposal for future dredging: HORRY COUNTY SPOIL SITE (25 ACRES)
ACROSS INTRACOASTAL FROM COQUINA HARBOR

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:
ON-SITE SPOIL BASIN IS AN EYESORE THAT DOES NOT ENHANCE THE COMMUNITY. WE HOPE WE ARE PERMITTED TO DISCONTINUE USE OF

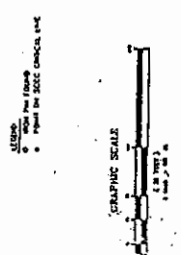
* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

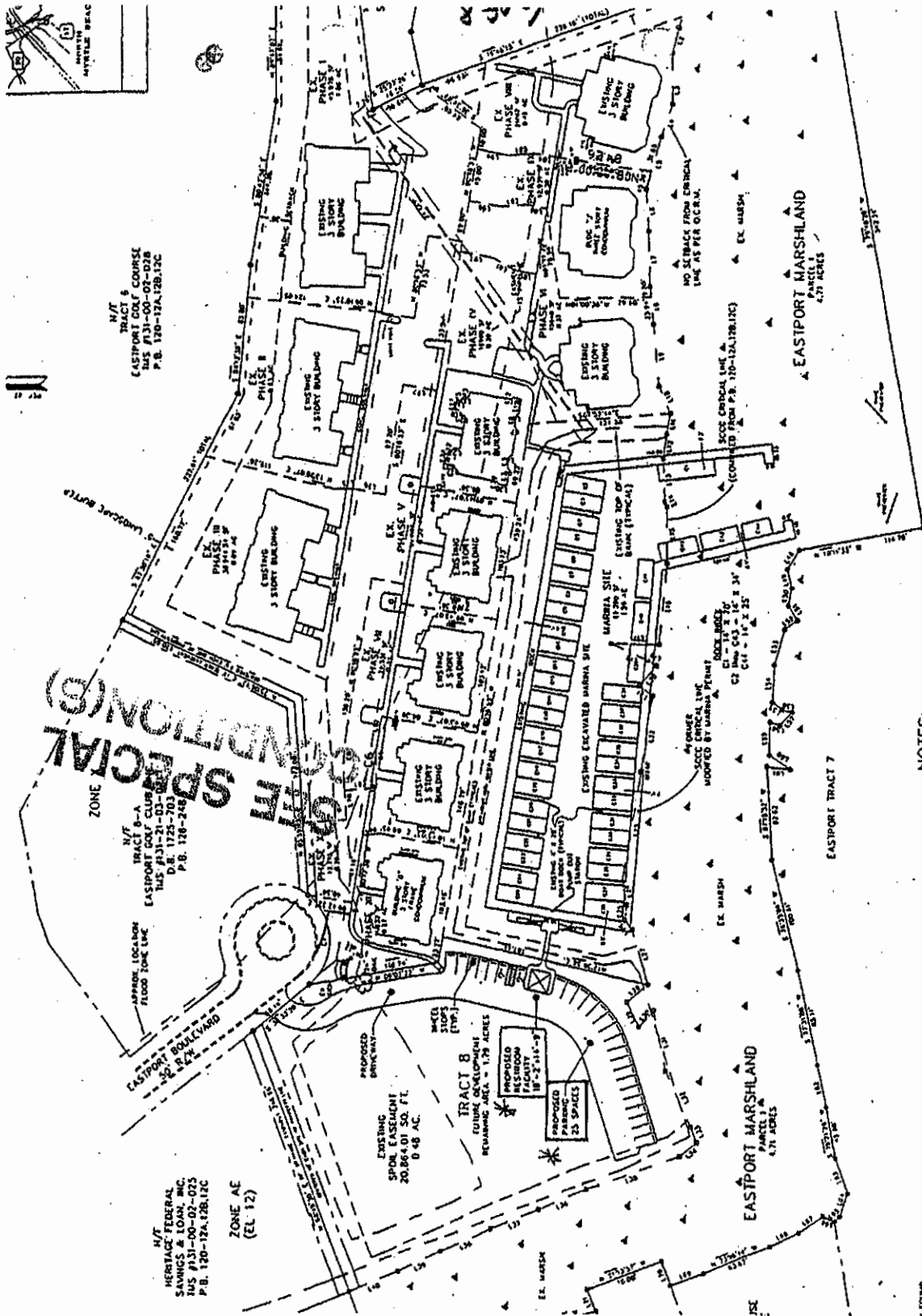
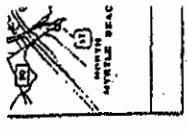
THE ON-SITE SPOIL BASIN AND INSTEAD USE THE RECENTLY OPENED HORRY COUNTY SPOIL BASIN LESS THAN A MILE AWAY.



- NOTES:**
- 1) SEE PROJECT'S SPECIFIC TO THE EXHIBITS
 - 2) SEE PROJECT'S SPECIFIC TO THE EXHIBITS
 - 3) SEE PROJECT'S SPECIFIC TO THE EXHIBITS
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- REFERENCES:**
- 1) PROJECT'S SPECIFIC TO THE EXHIBITS
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N/T TRACT 6
EASTPORT GOLF COURSE
M/S #131-00-07-D28
P.B. 120-12A, 12B, 12C

N/T TRACT 8-A
EASTPORT GOLF CLUB
M/S #131-21-03-001
D.B. 1725-703
P.B. 128-248

N/T HERITAGE FEDERAL
SAVINGS & LOAN, INC.
M/S #131-00-02-025
P.B. 120-12A, 12B, 12C

ZONE AE
(EL. 12)

EXISTING SPON. EASEMENT
20,864.01 SQ. FT.
0.48 AC.

TRACT B
EXISTING 9 HOLES
REMAINING 1.78 ACRES

PROPOSED
18'-2'-11 1/2'-3'
25 SPACES

EASTPORT MARSHLAND
PARCEL 1
4.71 ACRES

EASTPORT TRACT 7

EASTPORT MARSHLAND
4.71 ACRES

MIRACOSTAL WATERWAY
(370' R/W)

NOTES:

- 1.) THIS PROPERTY IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.
- 2.) THIS PROPERTY IS A ...

REFERENCES:

- 1.) SPECIAL CONDITIONS & EASTPORT PHASE BOUNDARY PLAT BY RAY FURUTERA, INC. DATED 1/19/93

4 FOUND
W/ SCCC CRITICAL LINE



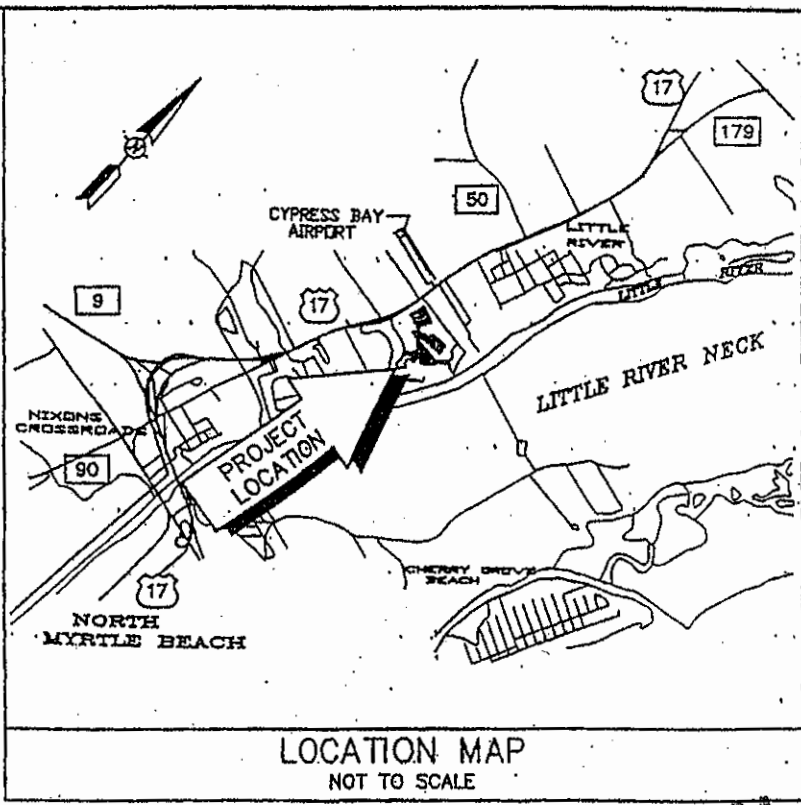
Spinnaker Cove
Marina

SEE SPEC
CONDITION(S)

Project Title:		Marina Expansion	
Project Location:		Spinnaker Cove Marina	
Applicant:		Mensa Productions	
Date:	June 5, 2001	Scale:	
Application #		2001-111-322	Sheet 2 of 3

Revisions	
Date	Initials

7068



**SEE SPECIAL
CONDITION(S)**

8 46 8

Project Title:		Marina Expansion	
Project Location:		Spinnaker Cove Marina	
Applicant:		Mensa Productions	
Date:	June 5, 2001	Scale:	
Application # 2001-11-322		Sheet 1 of 3	

Revisions	
Date	Initials



**COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY**

General Information:

Marina: The Boat Sled Marina

Address of Marina: 18 St James Street

Waterway: Sampit River

Phone Number: 843 - 546 - 4415 Fax: 843 - 546 - 5142

Contact Person: Tom Bellone

Size of Basin (Acres/ No. of Slips): 15 slips

Type of Facilities/Amenities (Yes/No)

Fuel Yes Dry Stack Storage Yes

Pump-out Yes Restrooms Yes

Other (explain) _____

Date Marina first opened, if known: Forever

Dredging Information:

Date of most recent maintenance dredging activity: 2/28/2000?

Quantity of Material dredged and method: 4 truck loads

Date permit issued for recent dredging, if known: ?

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
upland disposal

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
silt



Reason for disposal location used: _____

Does the marina own/maintain an onsite upland disposal facility: No

If so, what size and capacity: _____

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: None

Is future dredging activity to be performed under new or existing permit: New

Proposed location of disposal for future dredging: None

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



**COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY**

General Information:

Marina: DOCK HOLIDAYS MARINA
 Address of Marina: 1525 13TH AVE N. NORTH MYRTLE BEACH
 Waterway: MM 348.2 1 MILE SOUTH LITTLE RIVER SWING BRIDGE
 Phone Number: 843 280 6354 Fax: 843 280 9002
 Contact Person: MARC HARTMAN
 Size of Basin (Acres/ No. of Slips): 5.65 ACRES 96 SLIPS

Type of Facilities/Amenities (Yes/No)

Fuel YES Dry Stack Storage NO
 Pump-out YES Restrooms YES
 Other (explain) LAUNDRY

Date Marina first opened, if known: _____

Dredging Information:

Date of most recent maintenance dredging activity: APRIL 28 1999

Quantity of Material dredged and method: HYDRAULIC DREDGING

Date permit issued for recent dredging, if known: NOV 11 1996

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:

UPLAND DISPOSAL

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.

SILT AND SEDIMENT



Reason for disposal location used: _____

Does the marina own/maintain an onsite upland disposal facility: _____

If so, what size and capacity: 5.99 Acres

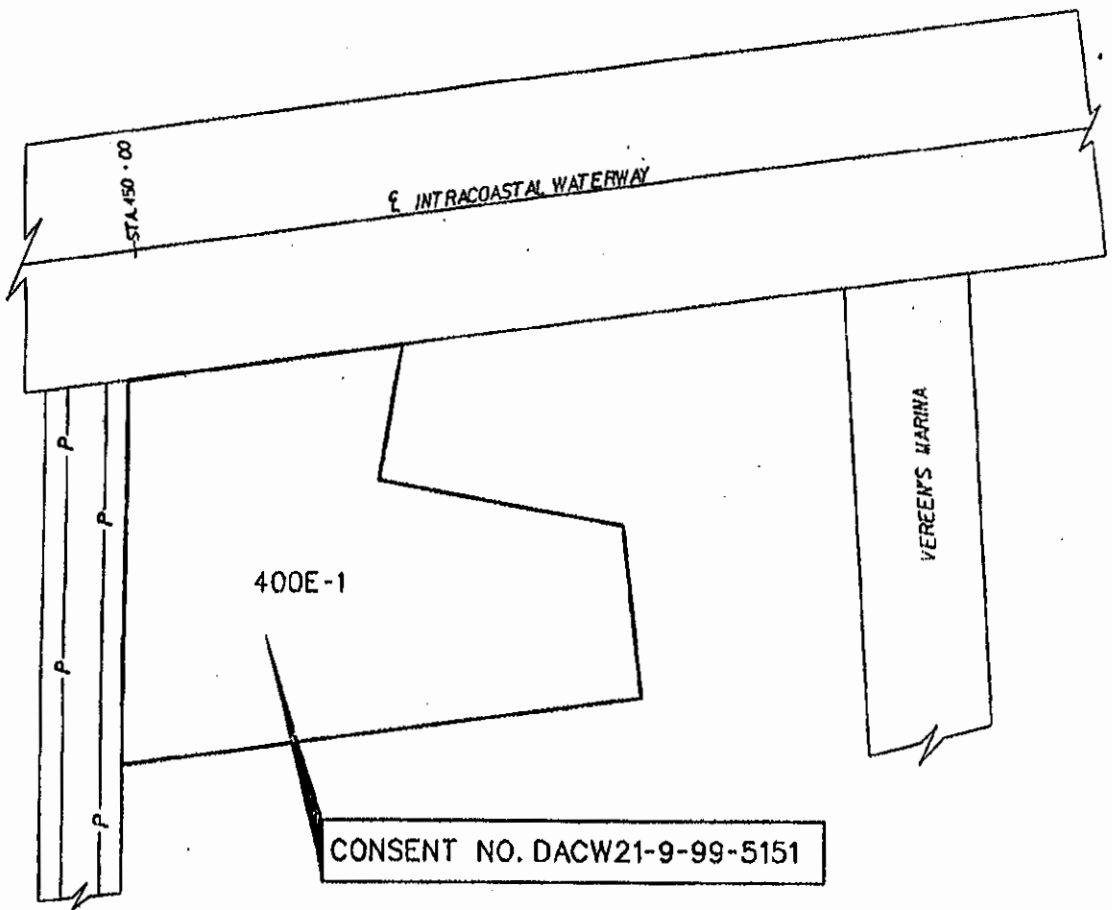
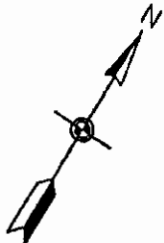
Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 1 YEAR or 2

Is future dredging activity to be performed under new or existing permit: existing

Proposed location of disposal for future dredging: See ATTACHED

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.



DEPARTMENT OF THE ARMY
 OFFICE OF THE SAVANNAH DISTRICT ENGINEER
 SOUTH ATLANTIC DIVISION

S.C. AIWW HORRY CO.
 LITTLE RIVER-WINYAH BAY

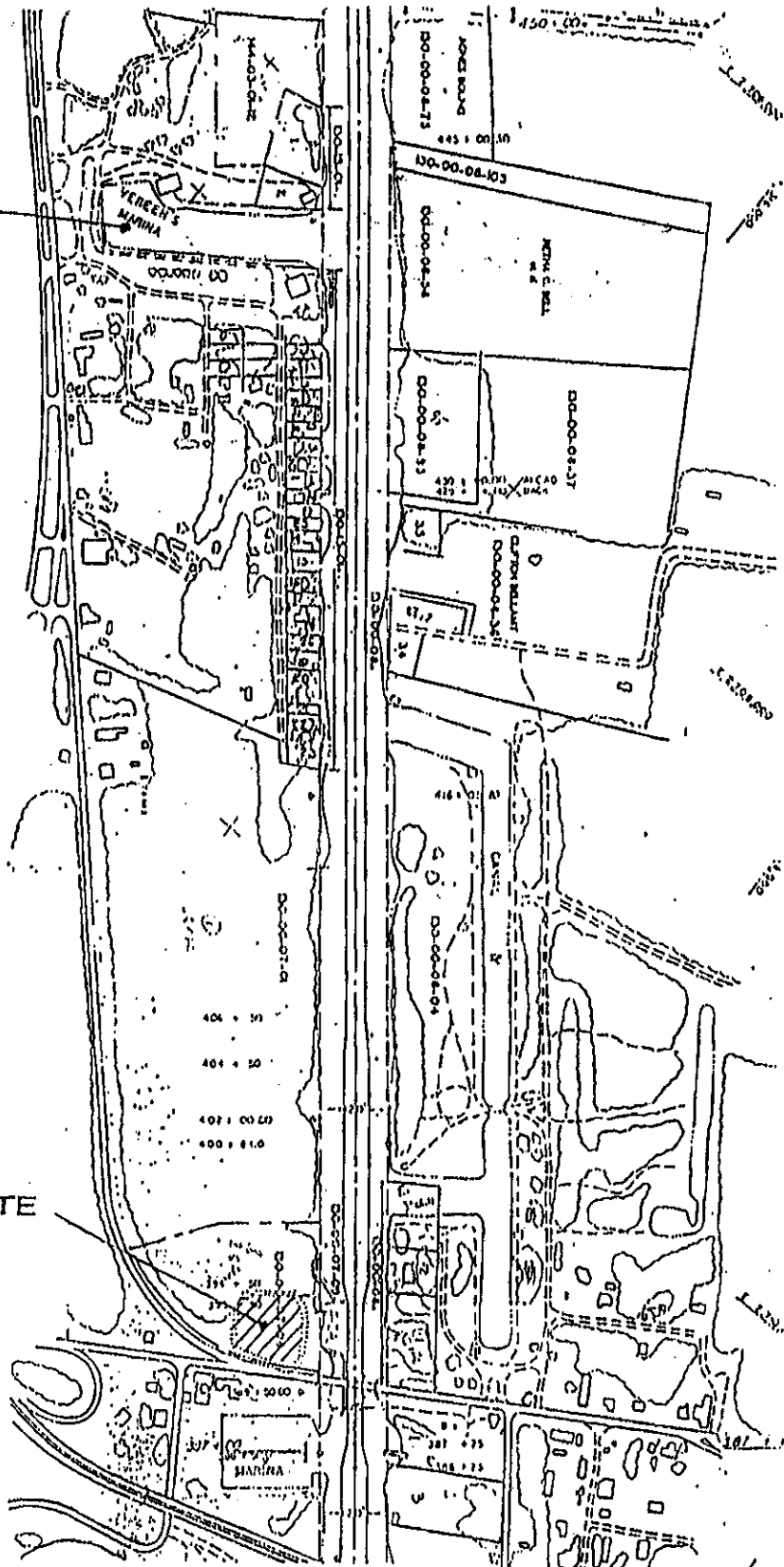
CONSENT NO. DACW21-9-99-5151
 GRANTEE: CACTUS RESORT PROPERTIES, INC.
 AREA: 5.65 ACRES ±

SCALE: N.T.S. DATE: 30 SEPTEMBER 1999

EXHIBIT "A"

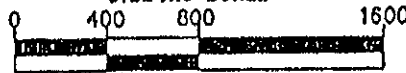
DREDGE SITE

DISPOSAL SITE



PURPOSE: MAINTENANCE DESIGN
OF EXISTING MARINA

LOCATION MAP
Vereen's Marina
NORTH MYRTLE BEACH, SC 29579
GRAPHIC SCALE

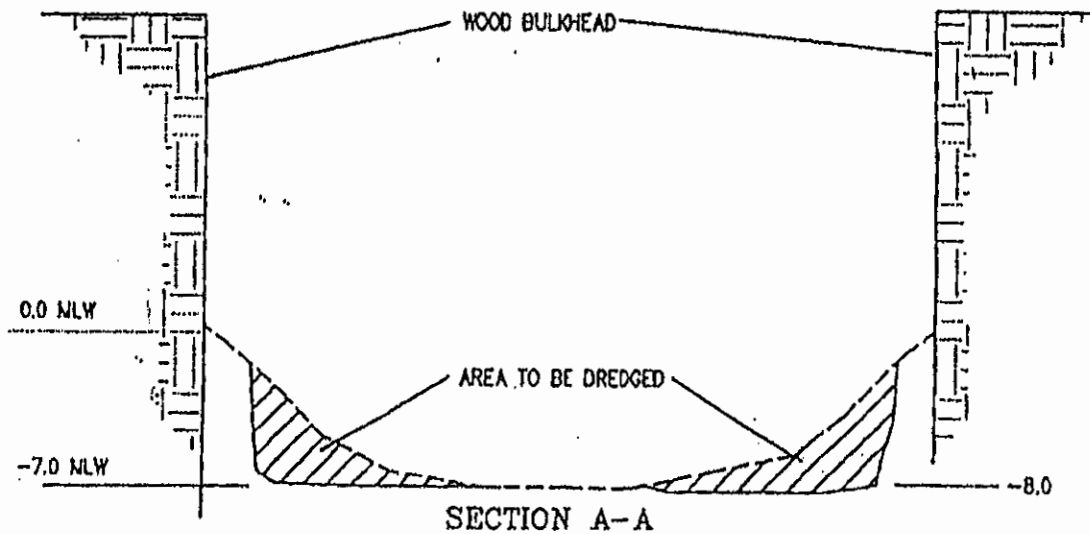


(IN FEET)
1 inch = 800 ft.

PROPOSED DREDGING
IN: NORTH MYRTLE BEACH
AT: VEREEN'S MARINA/AIWW
COUNTY OF HORRY STATE OF SC
APPLICATION BY: FINOVA
CAPITAL CORP.

SHEET 4 OF 4

11 NOV 96



SECTION A-A

N.T.S.

LEGEND:

- EXISTING SCARP
- PROPOSED PROFILE

PURPOSE: MAINTENANCE DREDGING
OF EXISTING MARINA

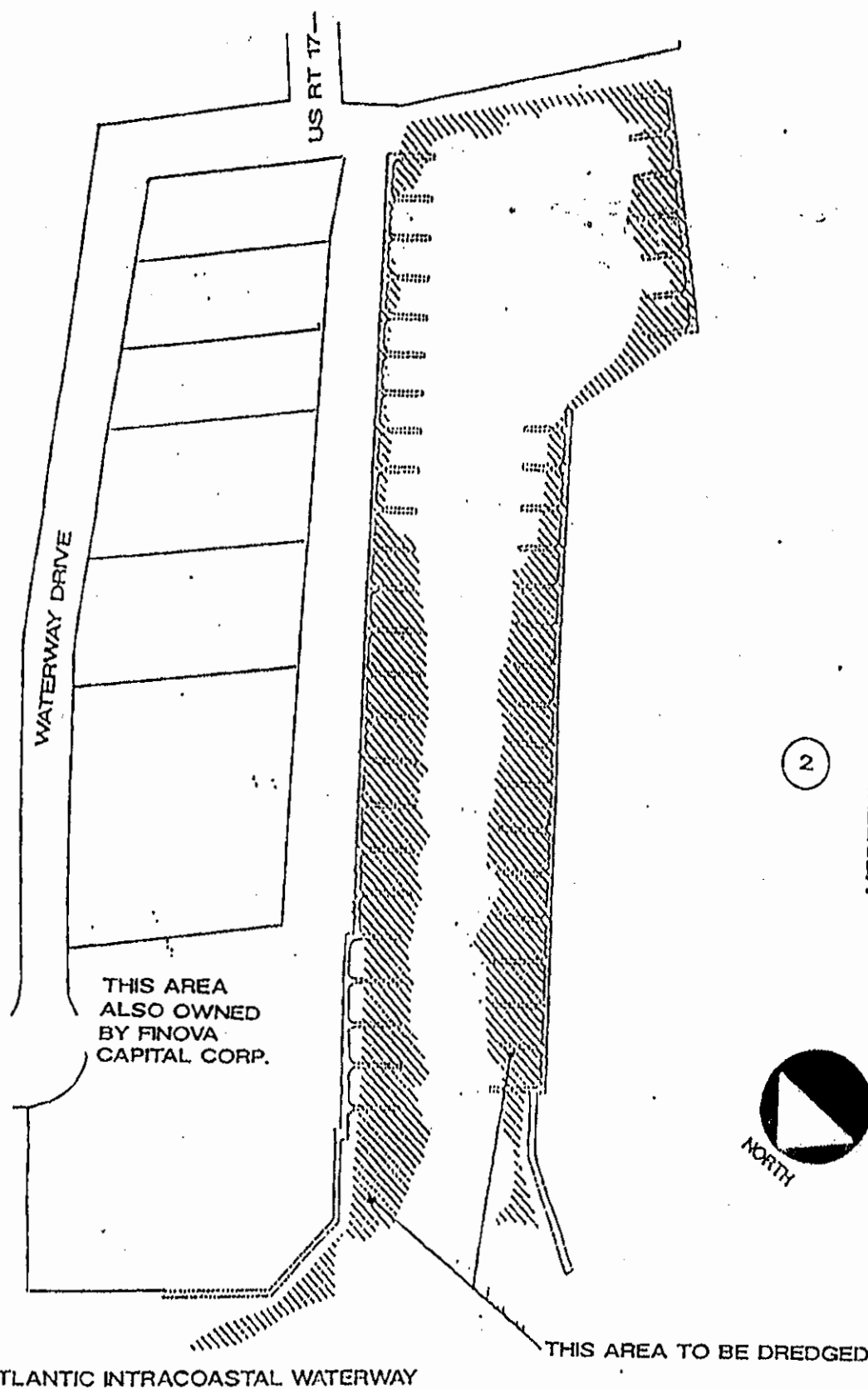
DATUM: MLW

SECTION VIEW
Vereen's Marina
NORTH MYRTLE BEACH, SC 29579

PROPOSED DREDGING
IN: NORTH MYRTLE BEACH
AT: VEREEN'S MARINA/AIWW
COUNTY OF HORRY STATE OF SC
APPLICATION BY: FINOVA
CAPITAL CORP.

SHEET 3 OF 4

11 NOV 96



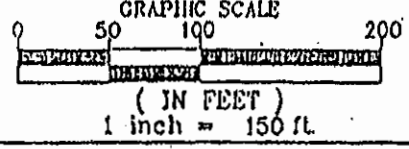
VEREEN'S CONSTRUCTION COMPANY

PURPOSE: MAINTENANCE DREDGING OF EXISTING MARINA

PLAN VIEW
 Vereen's Marina
 NORTH MYRTLE BEACH, SC 29579

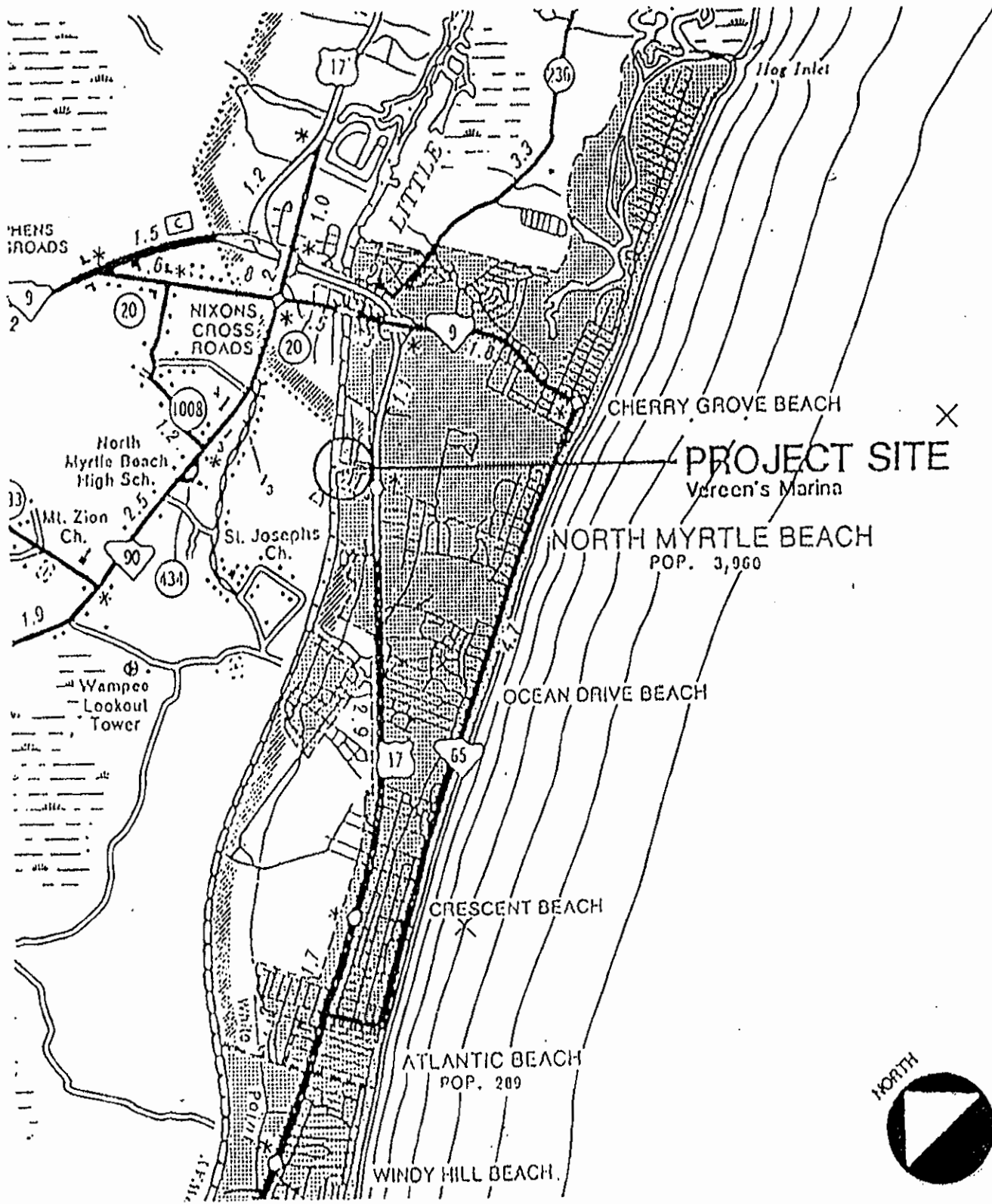
PROPOSED DREDGING
 IN: NORTH MYRTLE BEACH
 AT: VEREEN'S MARINA/AIWW
 COUNTY OF HORRY STATE OF SC
 APPLICATION BY: FINOVA CAPITAL CORP.

ADJACENT PROPERTY OWNERS:
 1. JANIE T. BARTOS
 2. VEREEN, INC.



SHEET 2 OF 4

11 NOV 96



PURPOSE: MAINTENANCE DREDGING
OF EXISTING MARINA

VICINITY MAP
Vereen's Marina
NORTH MYRTLE BEACH, SC 29579

PROPOSED DREDGING
IN: NORTH MYRTLE BEACH
AT: VEREEN'S MARINA/AIWW
COUNTY OF HORRY STATE OF SC
APPLICATION BY: FINOVA
CAPITAL CORP.

GRAPHIC SCALE
1 inch = 1 Mile

SHEET 1 OF 4

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COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS ASSESSMENT SURVEY

General Information:

Marina: Wacca Wache Marina
 Address of Marina: 1950 Wacheseaw Road, Murrells Inlet, SC 29576
 Waterway: Intracoastal Waterway
 Phone Number: 843-651-2994 Fax: 843-651-1056
 Contact Person: Andrea Peterson
 Size of Basin (Acres/ No. of Slips): 6 acres / 120 slips

Type of Facilities/Amenities (Yes/No)

Fuel yes Dry Stack Storage yes
 Pump-out yes Restrooms yes
 Other (explain) _____

Date Marina first opened, if known: 1968

Dredging Information:

Date of most recent maintenance dredging activity: 1990
 Quantity of Material dredged and method: aquatic dredging/barge
 Date permit issued for recent dredging, if known: _____
 Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
upland disposal
 Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
Clay + sand



Reason for disposal location used: _____

Does the marina own/maintain an onsite upland disposal facility: ? _____

If so, what size and capacity: _____

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: anticipated late 2005

Is future dredging activity to be performed under new or existing permit: New

Proposed location of disposal for future dredging: on-site disposal site

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:
Hurricane Erosion Problems; Water depth level for main channel is diminishing

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

Marina is under new ownership as of May 2004. A significant rebuild of the marina happened in the early 90's; the new owners do not have detailed knowledge of the dredging that occurred during the rebuild.



**COASTAL SOUTH CAROLINA'S MARINA DREDGING AND DISPOSAL NEEDS
ASSESSMENT SURVEY**

General Information:

Marina: WINDMILL HARBOUR
Address of Marina: 161 HARBOUR PASSAGE, HHI 29926
Waterway: CALIBOGUE SOUND
Phone Number: 843-681-9236 Fax: 843-681-9394
Contact Person: PETER EVANS
Size of Basin (Acres/ No. of Slips): 10 ACRES 258 SLIPS

Type of Facilities/Amenities (Yes/No)

Fuel ✓ Dry Stack Storage _____
Pump-out ✓ Restrooms ✓
Other (explain) _____

Date Marina first opened, if known: AUG 1984

Dredging Information:

Date of most recent maintenance dredging activity: —

Quantity of Material dredged and method: —

Date permit issued for recent dredging, if known: —

Method and location of disposal used, i.e. ocean dump, upland disposal, etc:
—

Type of material dredged, i.e., beach quality sand, contaminated, silts, etc.
—



Reason for disposal location used: _____

Does the marina own/maintain an onsite upland disposal facility: EASEMENT TO ONE

If so, what size and capacity: 1 ACRE

Next anticipated dredging event for marina and quantity and/or expected frequency of dredging: 2006? - SMALL AMOUNT FROM ENTRANCE CHANNEL

Is future dredging activity to be performed under new or existing permit: NEW

Proposed location of disposal for future dredging: _____

Issues/Concerns/Comments Relating to Dredging/Disposal Encountered:

* Any location maps of your marina and/or disposal areas, such as those in dredging permit drawings would be very helpful.

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Job Number: 17224	Produced: 2/16/05	Produced By: JSM
Scale: 1 inch = 21,750 feet	Modified:	Modified By:
Projection: South Carolina State Plane	Horizontal Datum: NAD83	Vertical Datum: NAVD88
File: N:\17224\GIS\Credge\Exhibits\MyrtleBeach_Region		

Thomas & Hutton Engineering Co. compiled the map information only from the following sources:

DATA	SOURCE	DATE
Marina Locations	MapQuest.com, Inc	2005
County Boundary	ESRI Data	2003

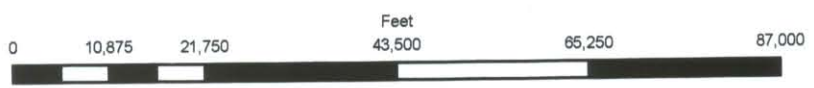
DISCLAIMER:
Thomas & Hutton used the data "as is" and has made no independent investigation of the data nor makes any representation as to the accuracy or completeness of the data. Please see each source for available documentation of its respective data sets.



Dredging Needs Assessment

Myrtle Beach Vicinity Marinas

● No Dredge ● Future Dredge ● No Response



1 inch equals 21,750 feet

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 Scale: 1 inch = 12,750 feet Modified: Modified By:
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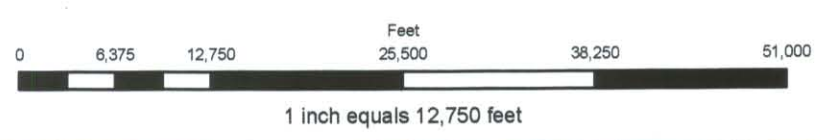
DATA	SOURCE	DATE
Marina Locations	MapQuest.com, inc.	2005
County Boundary	ESRI Data	2003

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Dredging Needs Assessment Charleston County Vicinity Marinas

- No Dredge
- Future Dredge
- No Response

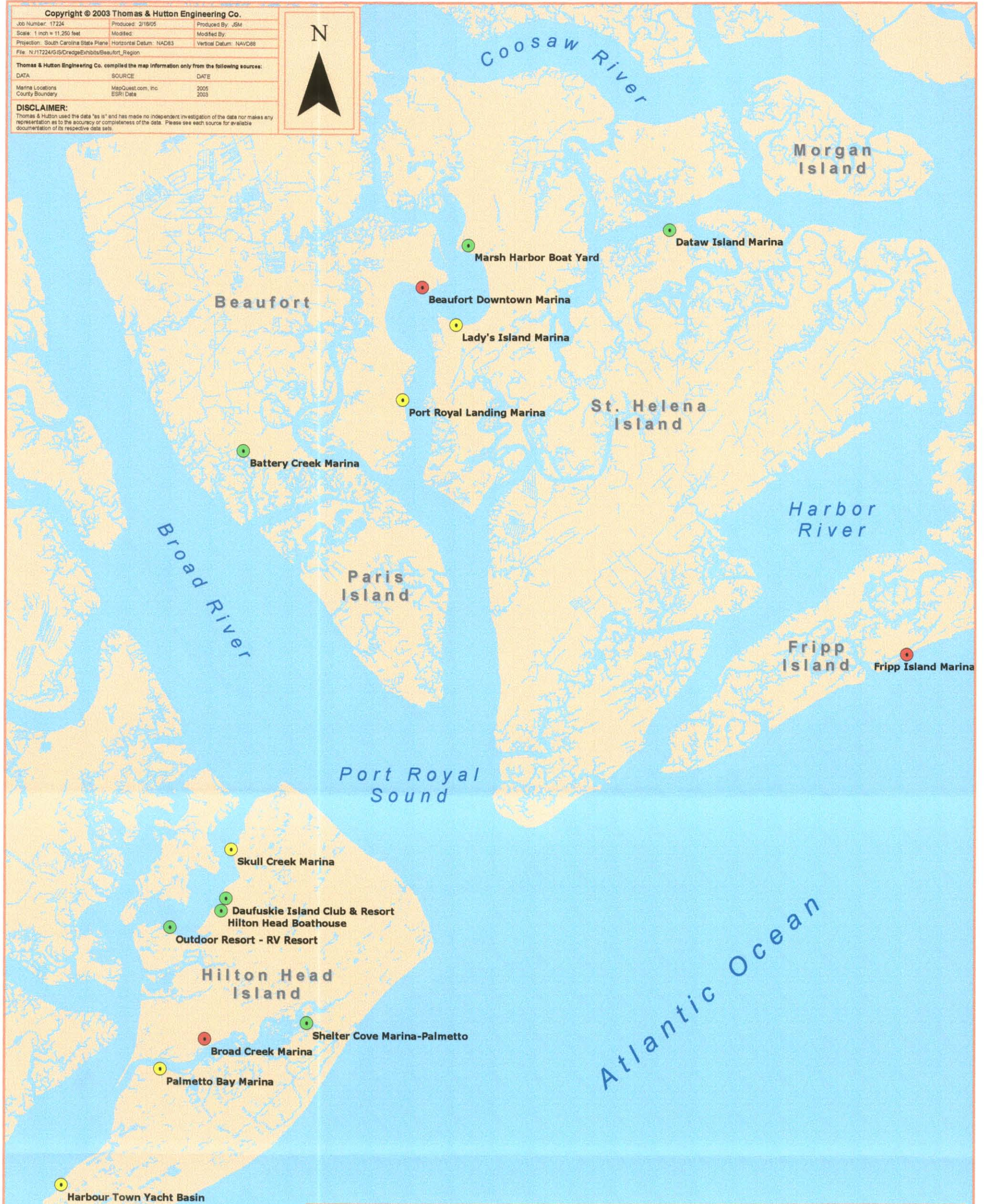


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 Job Number: 17224 Produced: 2/18/05 Produced By: JSM
 Scale: 1 inch = 11,250 feet Modified: Modified By:
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Thomas & Hutton Engineering Co. compiled the map information only from the following sources:

DATA	SOURCE	DATE
Marina Locations	MapQuest.com, Inc	2005
County Boundary	ESRI Data	2003

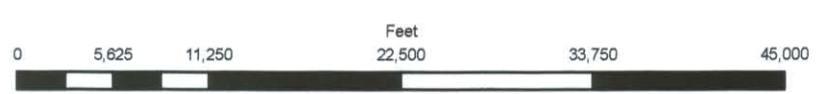
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Dredging Needs Assessment

Beaufort County Vicinity Marinas

- No Dredge
- Future Dredge
- No Response



1 inch equals 11,250 feet