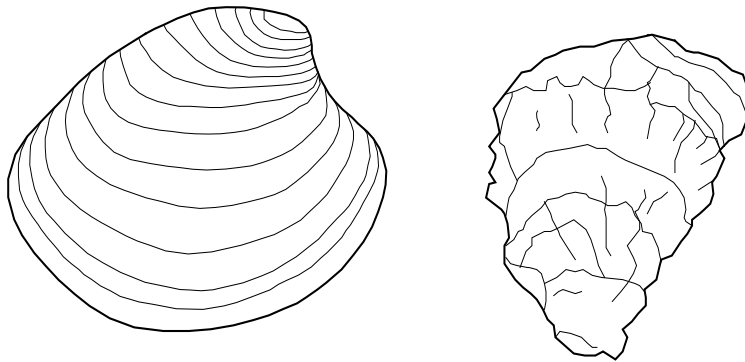


SHELLFISH HARVESTING AREA CLASSIFICATION MAPS

Revised June 2016



Florida Department of Consumer Services
Division of Aquaculture
600 S Calhoun Street, Suite 217
Tallahassee, FL, 32399

PREFACE

This document, *SHELLFISH HARVESTING AREA CLASSIFICATION BOUNDARIES AND MANAGEMENT PLANS*, defines classification boundaries and management of shellfish harvesting areas in Florida. Each shellfish harvesting area and shellfish harvesting area map has a unique name and area number. Shellfish areas are classified by the Florida Department of Agriculture and Consumer Services (DACS) to protect shellfish consumers from shellfish borne illnesses and to maximize the harvest of shellfish resources. Shellfish are defined in this context as oysters, clams and mussels. The Department is authorized by Chapter 597.020, Florida Statutes to establish regulations, specifications, and codes relating to sanitary practices for catching, cultivating, packaging, handling, processing, preserving, canning, smoking, and storing of shellfish. Criteria for classification are contained in Chapter 5L-1, Florida Administrative Code (F.A.C.), which incorporates by reference the National Shellfish Sanitation Program (NSSP) Model Ordinance. The NSSP is a voluntary and cooperative program that is designed to prevent human illness associated with the consumption of fresh and fresh-frozen shellfish through the sanitary control over all phases of growing, harvesting, shucking, packing and transportation. Participants in the NSSP include the U.S. Food and Drug Administration (FDA), U.S. Environmental Protection Agency, National Marine Fisheries Service, coastal producing and receiving states, and the shellfish industry. Only shellfish products harvested from areas that are classified and managed by a state in accordance with the NSSP are approved for harvest.

Classifications are based on pollution source, hydrographic, meteorologic and bacteriological surveys to identify where sanitary conditions are suitable for the harvest of wholesome shellfish. Pollution source, hydrographic, and meteorologic surveys characterize the introduction and distribution of contaminants that may be present in amounts that present a health hazard; hence, should not be open to harvest. The bacteriological survey identifies waters meeting NSSP fecal coliform standards. Fecal coliform is a group of bacteria used by FDACS as an indicator of potential bacterial pollution. Fecal coliform live in the intestinal tract of warm-blooded animals, and each person excretes approximately two billion of these bacteria per day. Few fecal coliform are pathogenic; however, the presence of fecal coliform bacteria in coastal waters indicates feces from warm-blooded animals is present and human pathogens are likely to also be present.

The NSSP has established bacteriological standards for shellfish harvesting area classification. For areas to be classified Approved or Conditionally Approved, the level of fecal coliform in surface water samples must meet the NSSP 14/31 standard. For areas classified Restricted or Conditionally Restricted, the level of fecal coliform in surface water samples must meet the NSSP 88/163 standard.

NSSP 88/163 standard: The fecal coliform median or geometric mean must not exceed 88 MPN/100 ml, and not more than 10 percent may exceed 163 MPN/100 ml.

A comprehensive shellfish harvesting area survey is written for each shellfish harvesting area to document the methods and findings of these surveys, as well as proposed changes in classification and management. NSSP guidelines require that these reports, at a minimum, be maintained annually, reevaluated every three years and resurveyed every 12 years. Areas that do not comply with sanitary requirements are immediately reclassified or closed.

Shellfish harvesting areas are classified as Approved, Conditionally Approved, Restricted, Conditionally Restricted, Prohibited and Unclassified (= Unapproved). These classifications are defined in 5L-1.003, F.A.C. The following provides generalized descriptions for these classifications:

Approved Area Normally open to shellfish harvesting; may be temporarily closed under extraordinary circumstances such as red tides, hurricanes and sewage spills. The 14/31 standard must be met for all combinations of defined adverse pollution conditions (tide, rainfall, river, tide/rainfall, tide/river and tide/rainfall/river).

Conditionally Approved Area Periodically closed to shellfish harvesting based on pollution events, such as rainfall or increased river flow. The 14/31 standard must be met when rainfall, river stage, and/or river discharge is less than the management plan level for temporary closure and during all other adverse pollution conditions.

Restricted Area Normally open to relaying or controlled purification, allowed only by special permit and supervision; may be temporarily closed under extraordinary circumstances such as red tides, hurricanes and sewage spills. The 88/163 standard must be met for all combinations of defined adverse pollution conditions (tide, rainfall, river, tide/rainfall, tide/river and tide/rainfall/river).

Conditionally Restricted Area Periodically, relay and controlled purification activity is temporarily suspended based on pollution events, such as rainfall or increased river flow. The 88/163 standard must be met when rainfall, river stage, and/or river discharge is less than the management plan level for temporary closure and during all other adverse pollution conditions.

Prohibited Shellfish harvesting is not permitted due to actual or potential pollution. This classification is least desirable, and is used only when standards are exceeded for Approved, Conditionally Approved, Restricted and Conditionally Restricted classification management schemes.

Unclassified Shellfish harvesting is not permitted pending bacteriological and sanitary surveys.

The verbal descriptions of shellfish harvesting areas are presented in this document from the northwesternmost shellfish harvesting area located in Escambia and Santa Rosa Counties counterclockwise along the coastline of Florida to the northeasternmost shellfish harvesting area located in Duval County.

Surface waters that lack a verbal description in this document for shellfish harvesting area boundaries are Unclassified. Harvest of shellfish from these Unclassified waters is not lawful (5L-1.003(7)F.A.C.), because the current sanitary conditions of the area have not been characterized for the protection of the health of shellfish consumers. Counties where all coastal waters classified as Unclassified are: Jefferson, Taylor, Hernando, Pasco, Monroe, Dade, Broward, Palm Beach, Martin, Flagler, and Nassau.

Shellfish harvesting areas may be in the open or closed status. Harvesting of shellfish from an area in the closed status is not permitted [5L-1.003(2)(b), .003(3), .003(4), and .003(5), F.A.C.]. Closed areas include prohibited and unclassified areas as well as temporarily closed approved, conditionally approved, restricted, and conditionally restricted areas. The open/closed status of shellfish harvesting areas is available from the Division of Aquaculture's field and headquarter offices.

Shellfish Harvesting Area Maps are available from the Department that illustrate classification boundaries. The locations and phone numbers of offices are:

Headquarters 600 S Calhoun Street, Suite 217, Tallahassee 32399
850/617-7600, FAX 850/617-7601

Western Gulf Coast 4408 Delwood Lane, Panama City Beach, FL 32408
850/236-2200, FAX 850/236-2202

North Central Gulf Coast 260 7th Street, Apalachicola, FL 32320
850/653-8317/9440

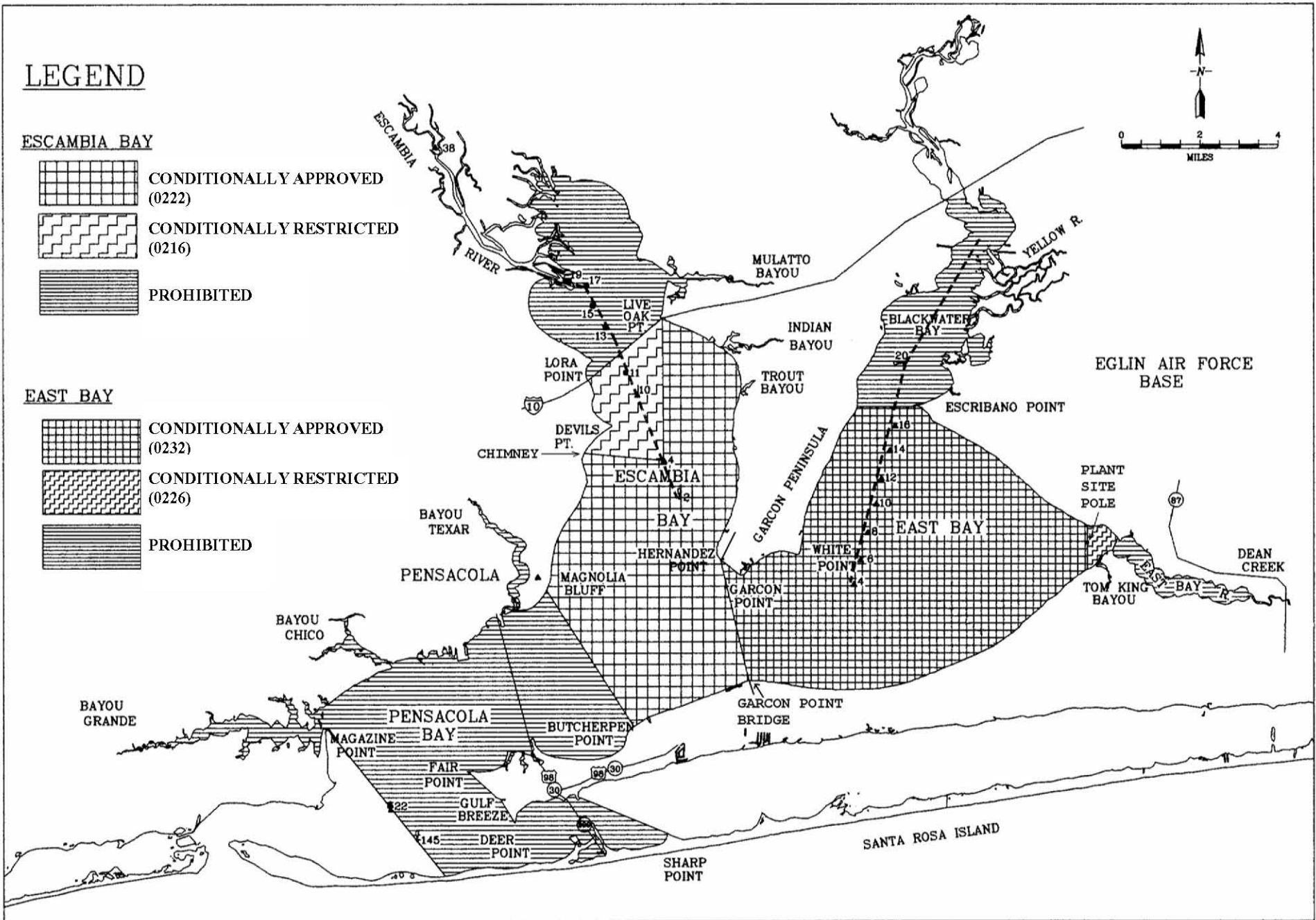
Big Bend Gulf Coast Cedar Key Field Station, 11350 SW 153rd Court, Cedar Key, FL 32625 352/543-5181,
FAX 352/543-6958

Southern Gulf Coast 2550 Harborview Road, Suites B,C,D and Cube#1 Port Charlotte, Florida, FL, 33980, 941-
613-0954, FAX 941-613-0955

Atlantic Coast 1220 East Prospect Avenue, Suite 216, Melbourne, FL, 32901
321/984-4890, FAX 321/984-4892

INDEX OF SHELLFISH HARVESTING AREA
CLASSIFICATION MAPS, BOUNDARIES AND MANAGEMENT PLANS




Shellfish Harvesting Area			
Name	Area Number	Map Number(s)	Effective Date
Pensacola Bay System	2	2	May 5, 2009
Choctawhatchee Bay	6	6	<u>May 5, 2009</u>
West Bay	8	8	August 19, 2012
North Bay	10	10	May 5, 2009
East Bay	12	12	May 5, 2009
St. Joseph Bay	14	14	November 1, 1986
Indian Lagoon	15	15A, 15B	May 5, 2009
Apalachicola Bay System	16	16A, 16B	February 9, 2011
Alligator Harbor	18	18	August 19, 2012
Ochlockonee Bay	20	20	May 5, 2009
Wakulla County	22	22	<u>May 5, 2009</u>
Horseshoe Beach	25	25A, 25B	May 5, 2009
Suwannee Sound	28	28 A, 28 B	May 5, 2009
Cedar Key	30	30	<u>May 5, 2009</u>
Waccasassa Bay	32	32	<u>May 5, 2009</u>
Withlacoochee Bay	34	34	May 5, 2009
Citrus County	37	37A, 37B	May 5, 2009
Boca Ciega Bay	42	42	May 5, 2009
Lower Tampa Bay	48	48	May 5, 2009
Sarasota Bay	54	54	May 5, 2009
Lemon Bay	56	56	May 5, 2009
Gasparilla Sound	58	58	May 5, 2009
Myakka River	60	60	August 19, 2012
Pine Island Sound	62	62	<u>May 5, 2009</u>
Ten Thousand Islands	66	66	May 5, 2009
Indian River/St. Lucie Counties	70	70	May 5, 2009
North Indian River	72	72	May 5, 2009
Body F	74	74	May 5, 2009
Body E	75	75	May 5, 2009
Body D	76	76	May 5, 2009
Body C	77	77A, 77B	May 5, 2009
Body B	78	78	May 5, 2009
South Banana River	79	79	December 28, 2009
Body A	80	80	May 5, 2009
South Volusia	82	82A, 82B	August 19, 2012
South St. Johns	88	88	December 28, 2009
North St. Johns	92	92	May 5, 2009
Duval County	96	96	May 5, 2009



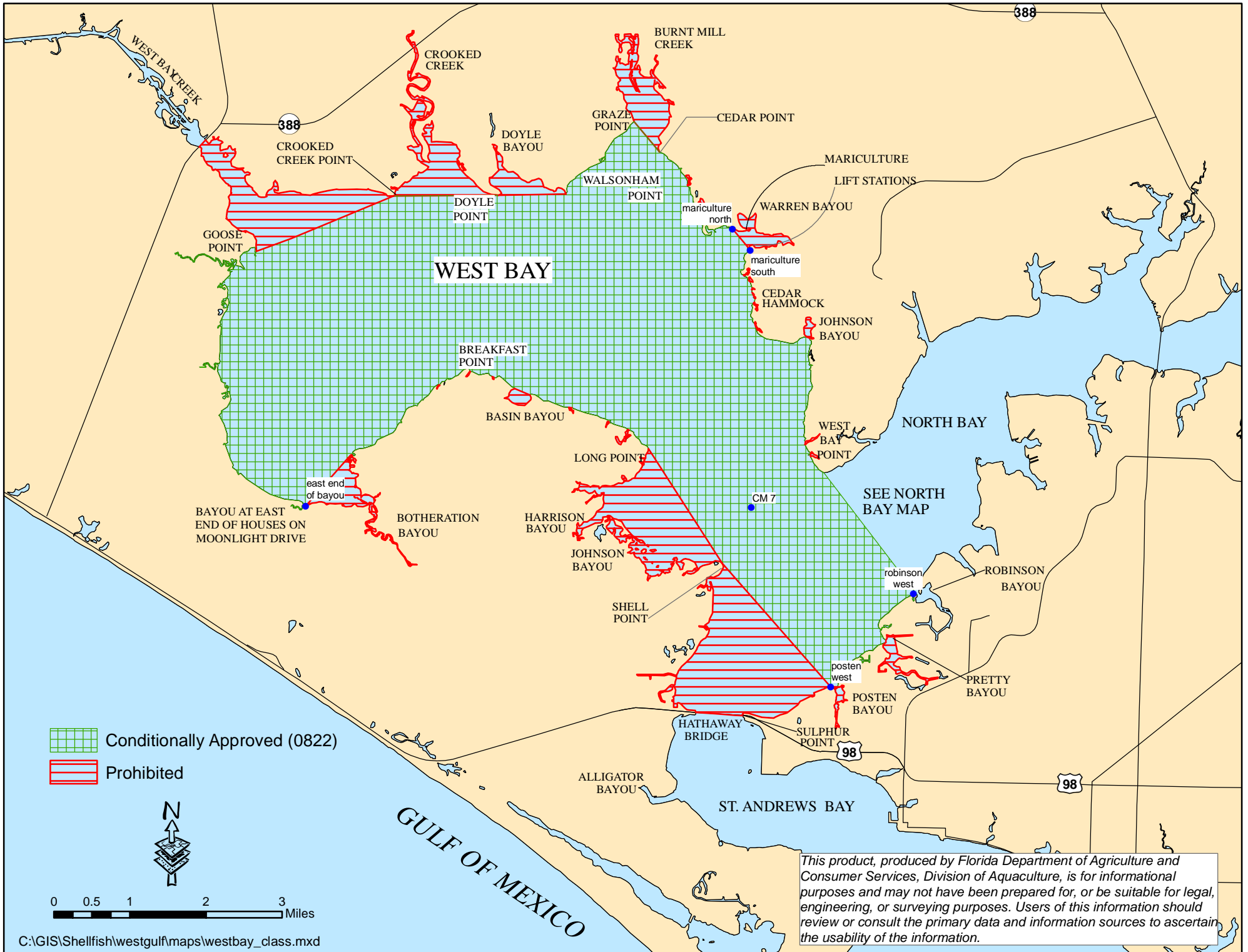
Shellfish Harvesting Area Classification Map #06 (Effective: _____)
 Choctawhatchee Bay (#06) Shellfish Harvesting Area in Okaloosa and Walton County



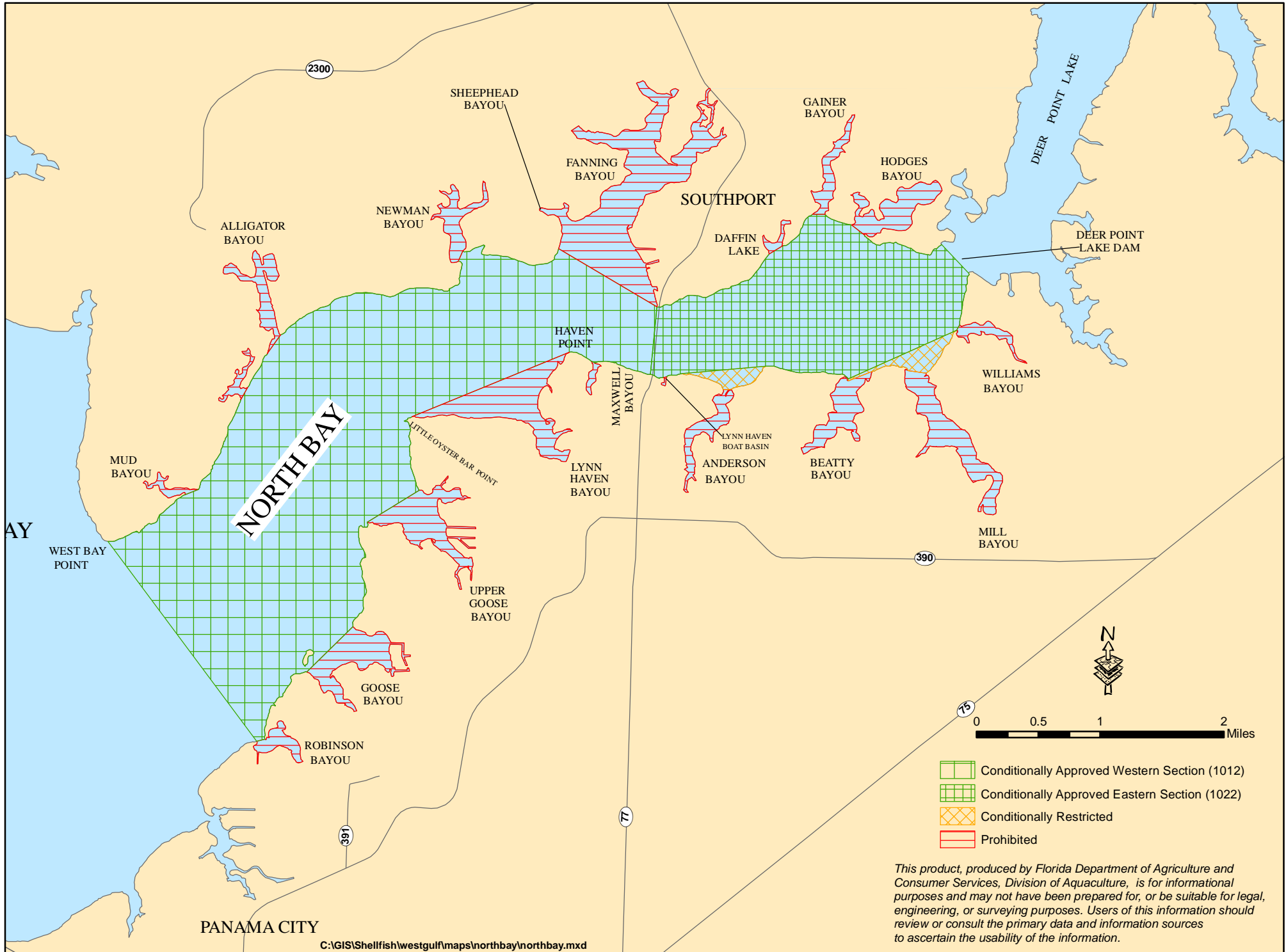
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-  Conditionally Approved Central Section (0622)
-  Conditionally Approved Eastern Section (0632)
-  Prohibited

SHELLFISH HARVESTING AREA CLASSIFICATION MAP #08 (Effective: August 19, 2012)
 West Bay (#08) Shellfish Harvesting Area in Bay County

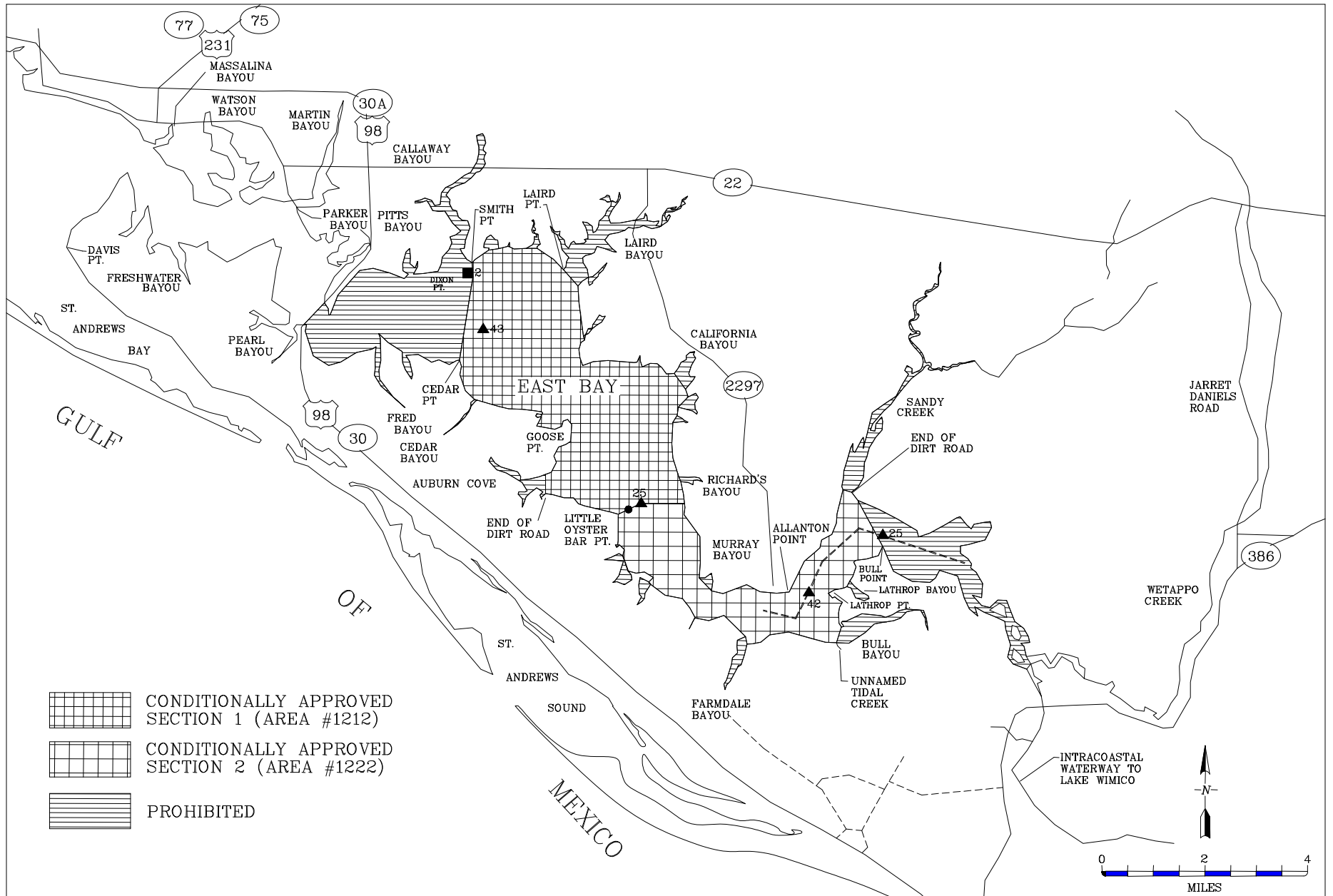


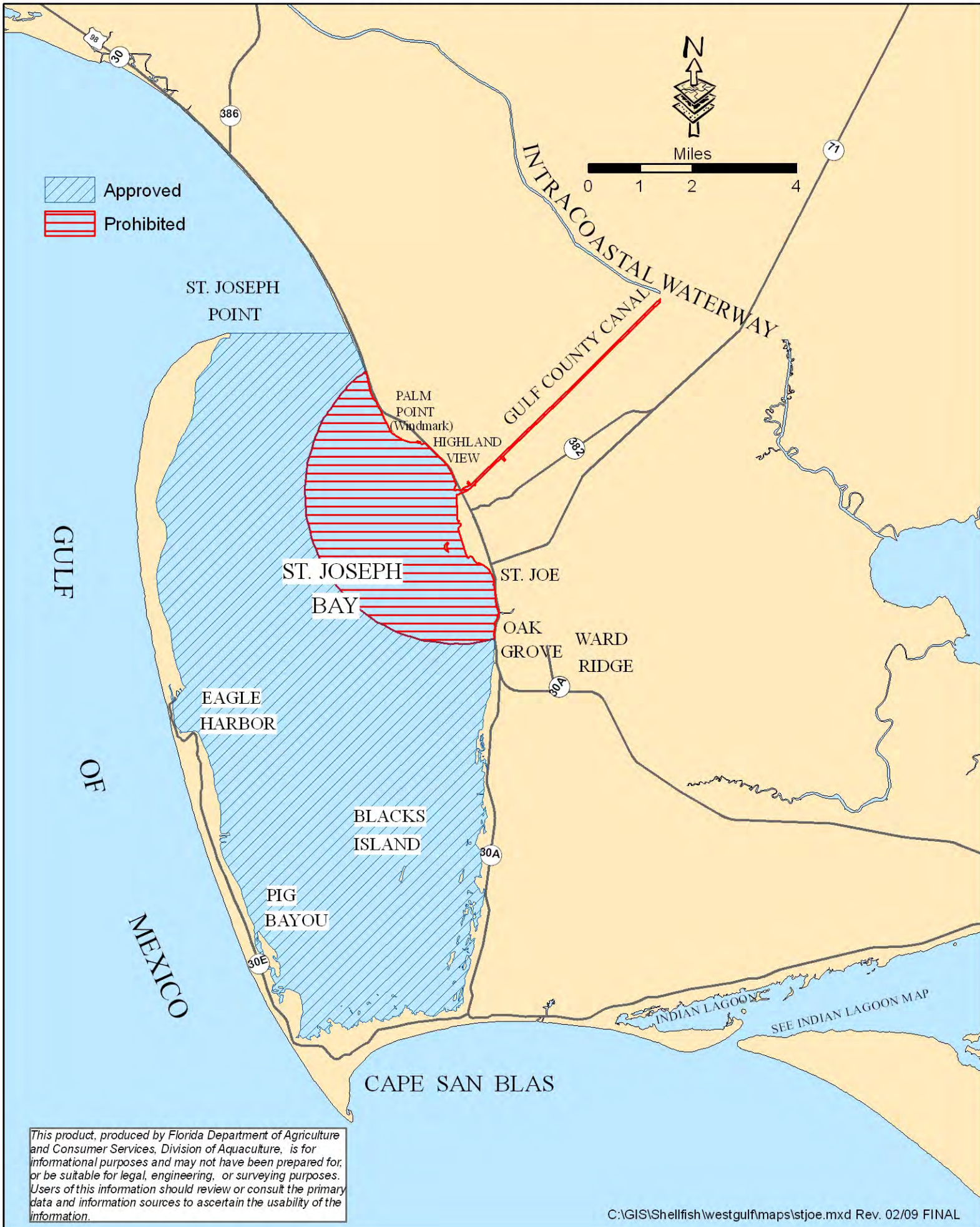
North Bay (#10) Shellfish Harvesting Area in Bay County



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SHELLFISH HARVESTING AREA CLASSIFICATION MAP #12 (Effective: June 11, 2006)
East Bay (#12) Shellfish Harvesting Area in Bay County





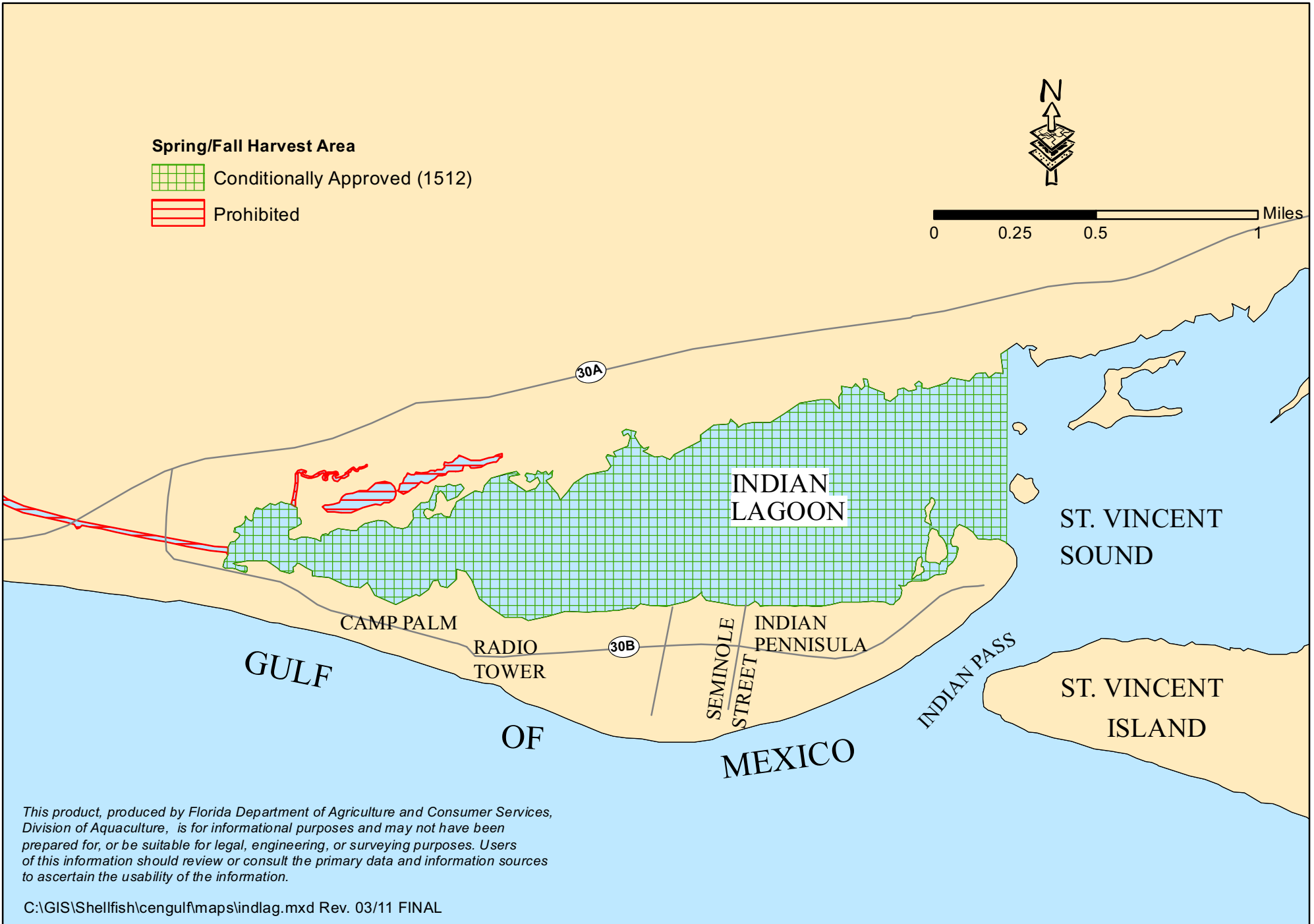
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SHELLFISH HARVESTING AREA CLASSIFICATION MAP #15B (Effective: September 5, 2005)

Indian Lagoon (#15) Shellfish Harvesting Area in Gulf County

Spring/Fall Months: March - June; October

Current status of this area

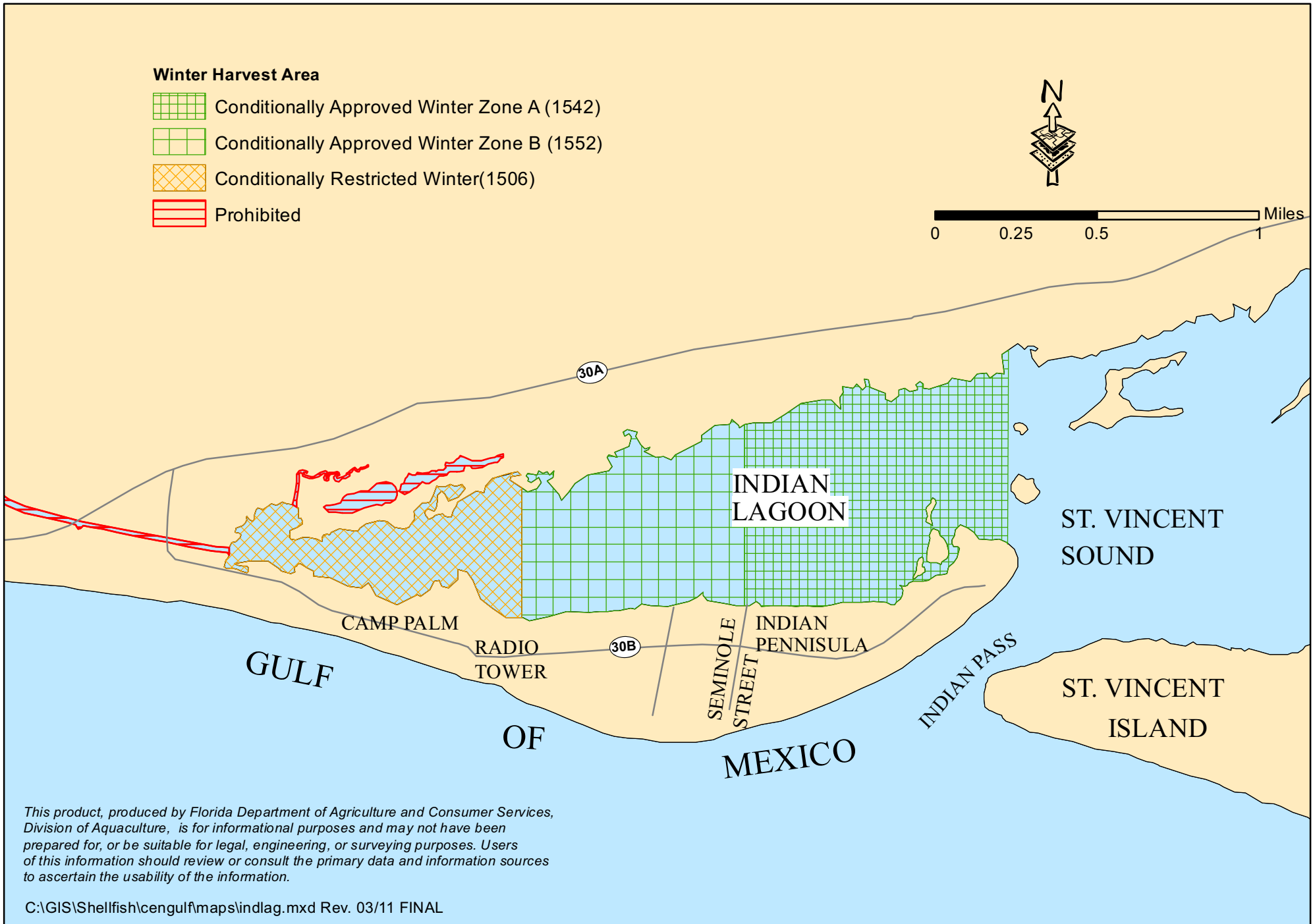


SHELLFISH HARVESTING AREA CLASSIFICATION MAP #15A (Effective: September 5, 2005)

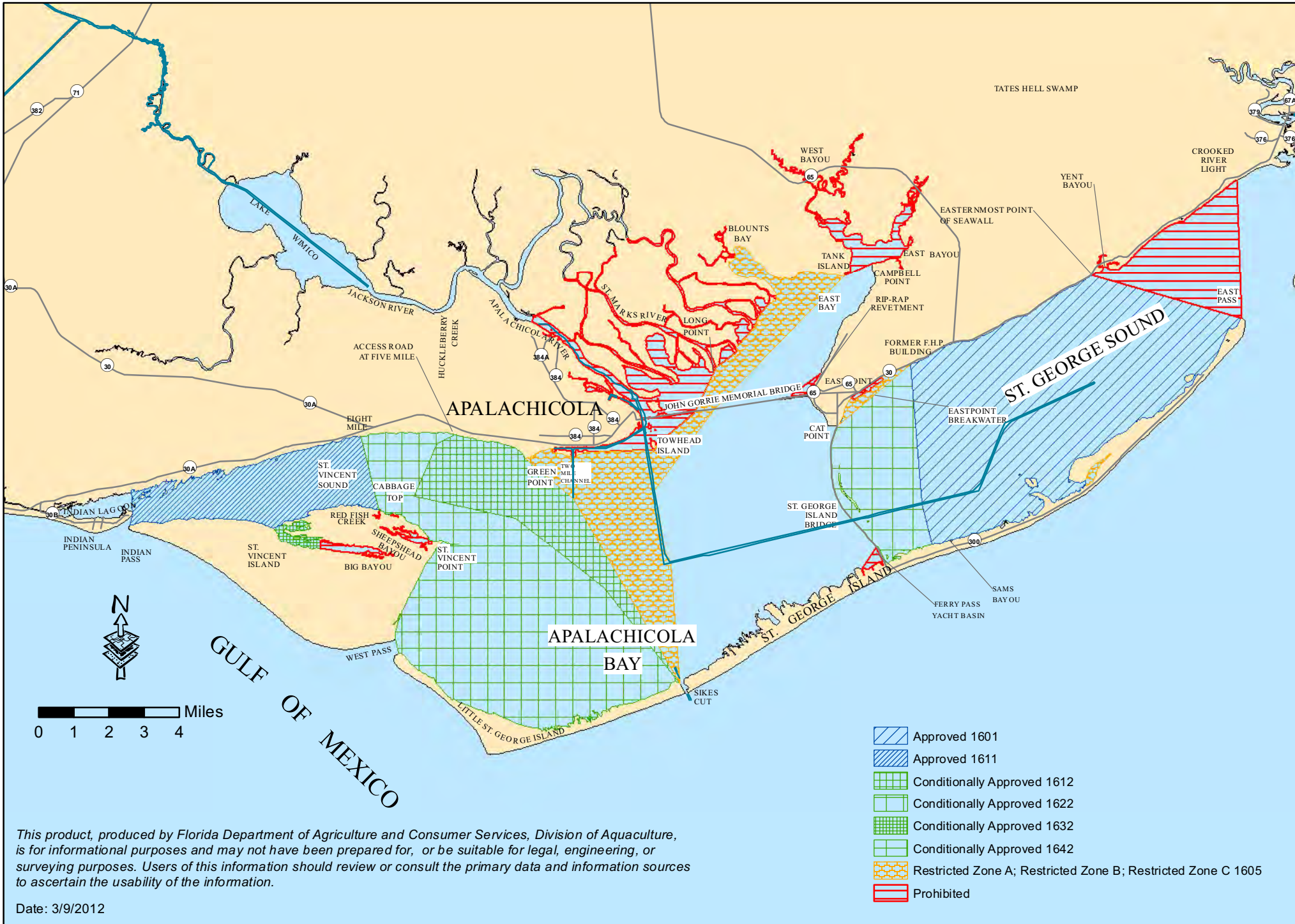
Indian Lagoon (#15) Shellfish Harvesting Area in Gulf County

Winter Months: November - February

Current status of this area



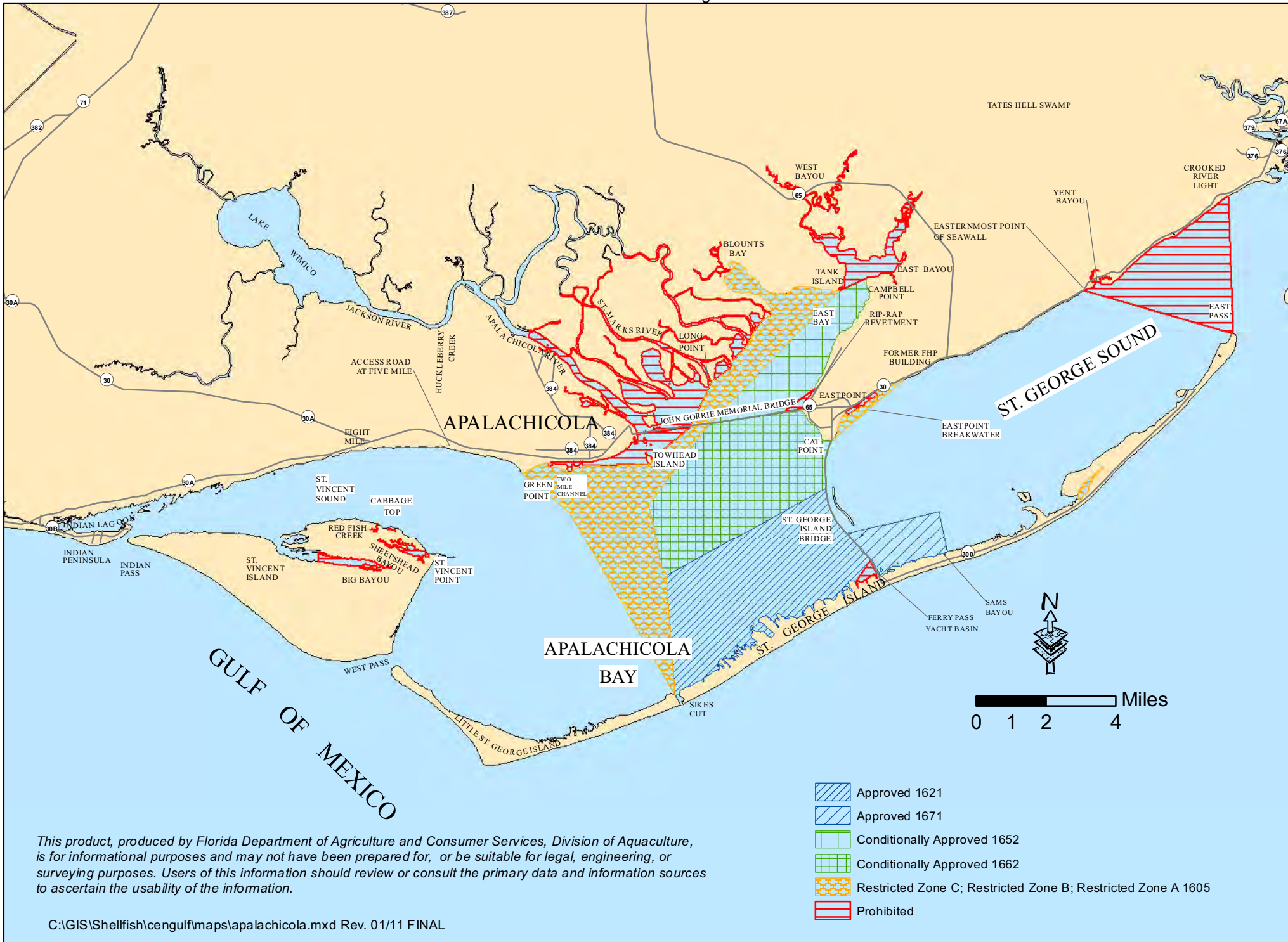
SHELLFISH HARVESTING AREA CLASSIFICATION MAP #16A (Effective: February 9, 2011)
 Apalachicola Bay System (#16) Shellfish Harvesting Area in Franklin County
 Winter: January - May, September - December



This product, produced by Florida Department of Agriculture and Consumer Services, Division of Aquaculture, is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

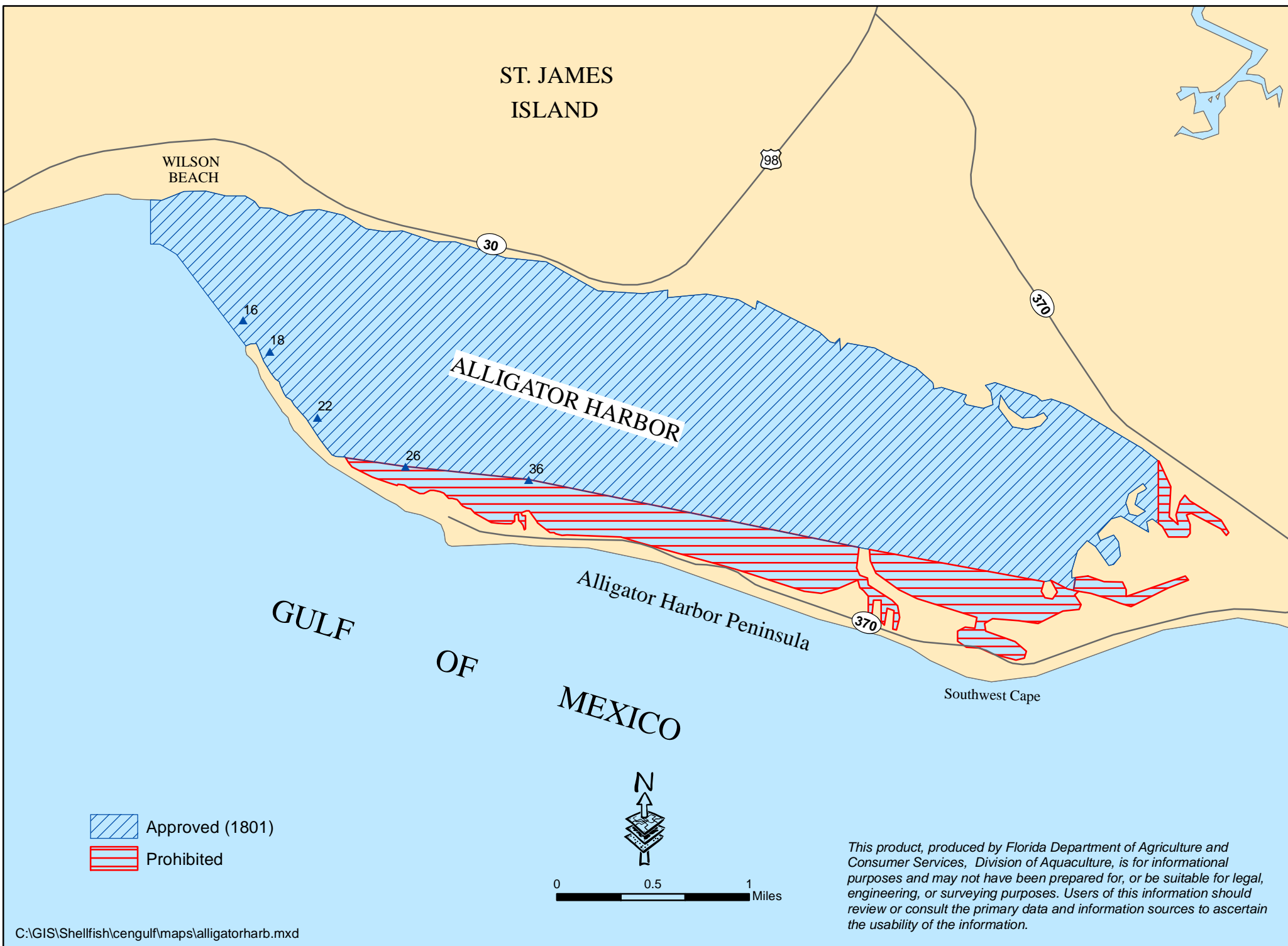
Date: 3/9/2012

SHELLFISH HARVESTING AREA CLASSIFICATION MAP #16B (Effective: February 9, 2011)
 Apalachicola Bay System (#16) Shellfish Harvesting Area in Franklin County
 Summer June - August



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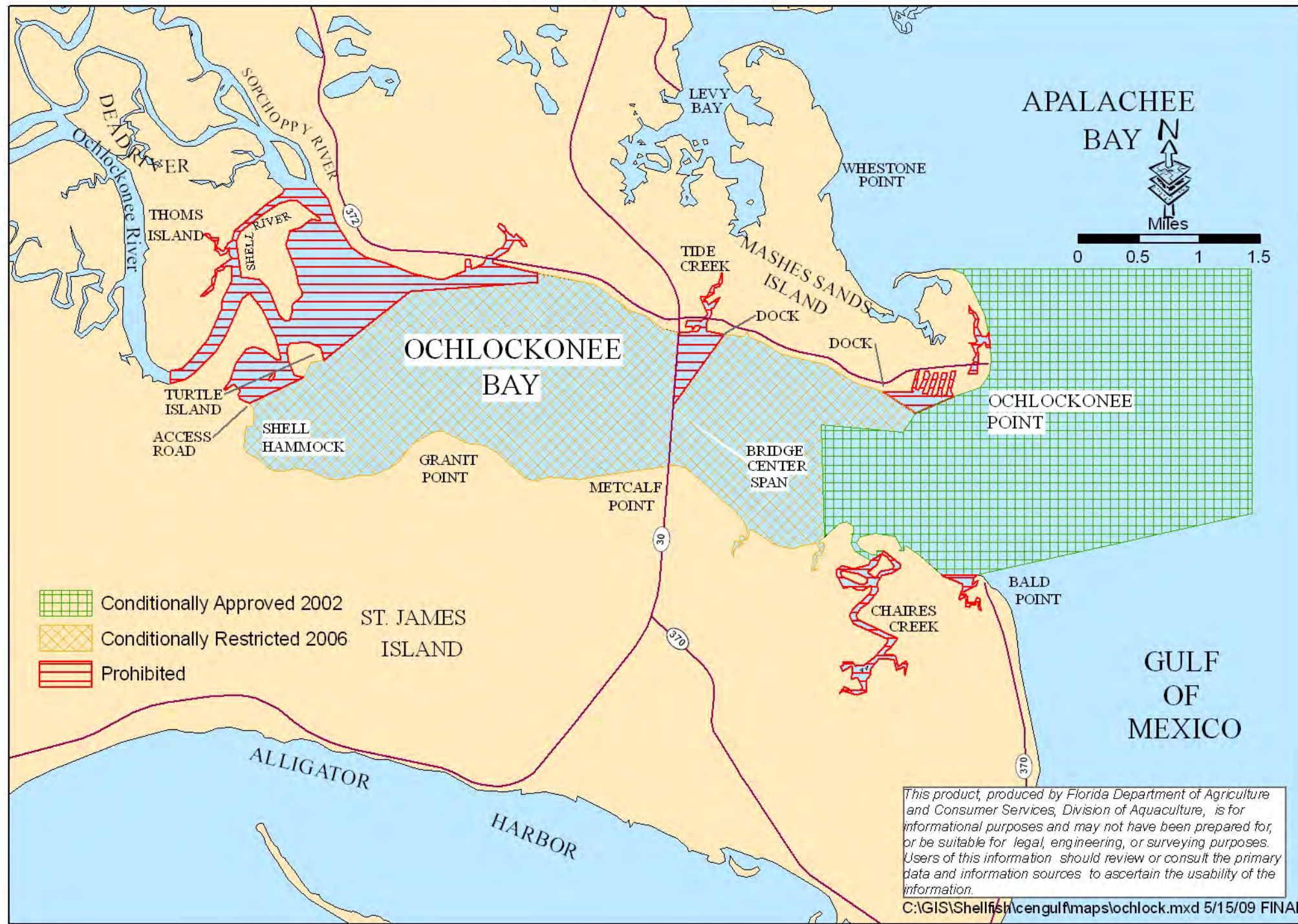
SHELLFISH HARVESTING CLASSIFICATION MAP #18 (Effective: August 19, 2012)
Alligator Harbor (#18) Shellfish Harvesting Area in Franklin County



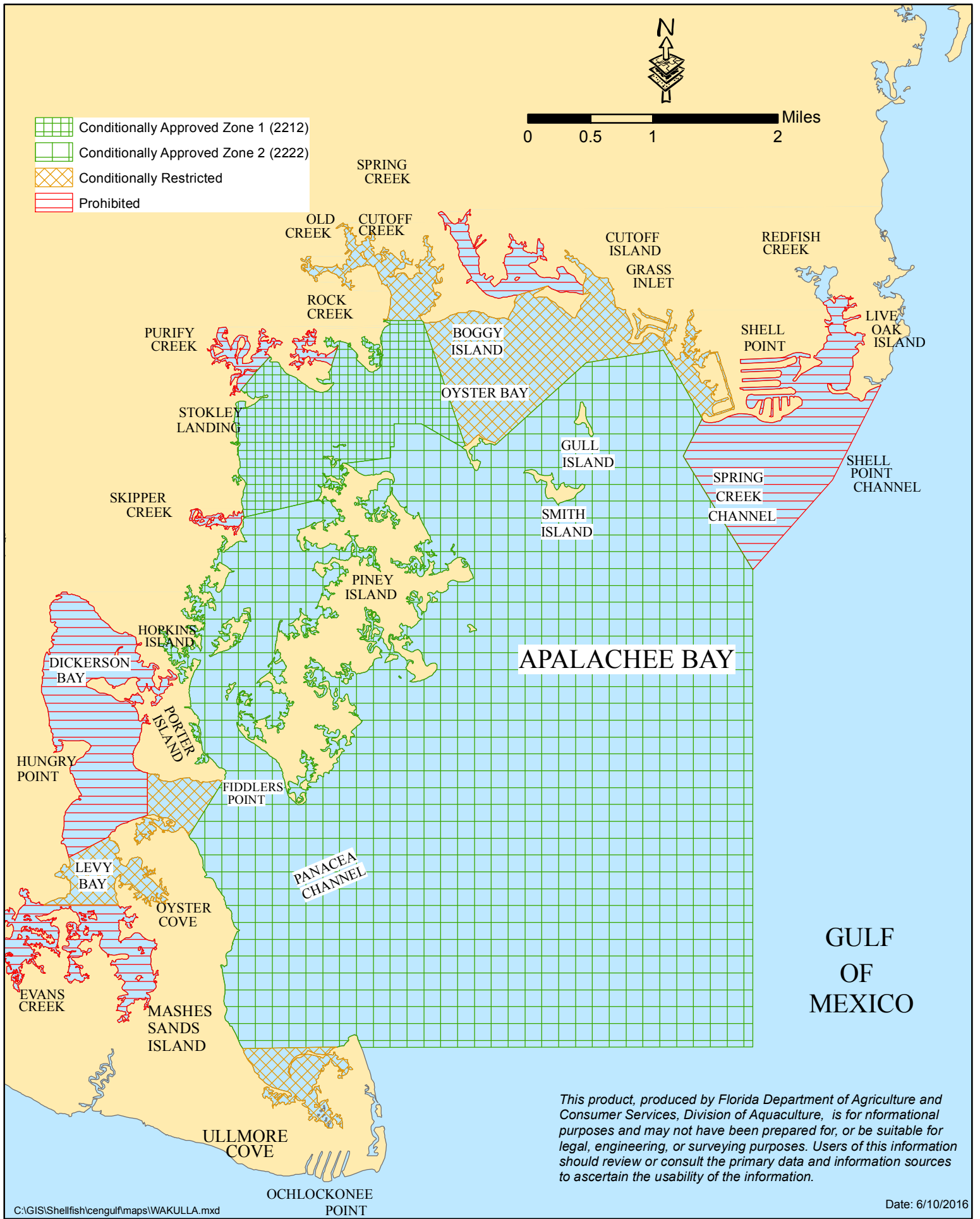
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SHELLFISH HARVESTING AREA CLASSIFICATION MAP #20 (Effective: August 17, 2004)
 Ochlockonee Bay System (#20) Shellfish Harvesting Area in Franklin and Wakulla Counties
 January - June, October - December

[Current status of this area](#)

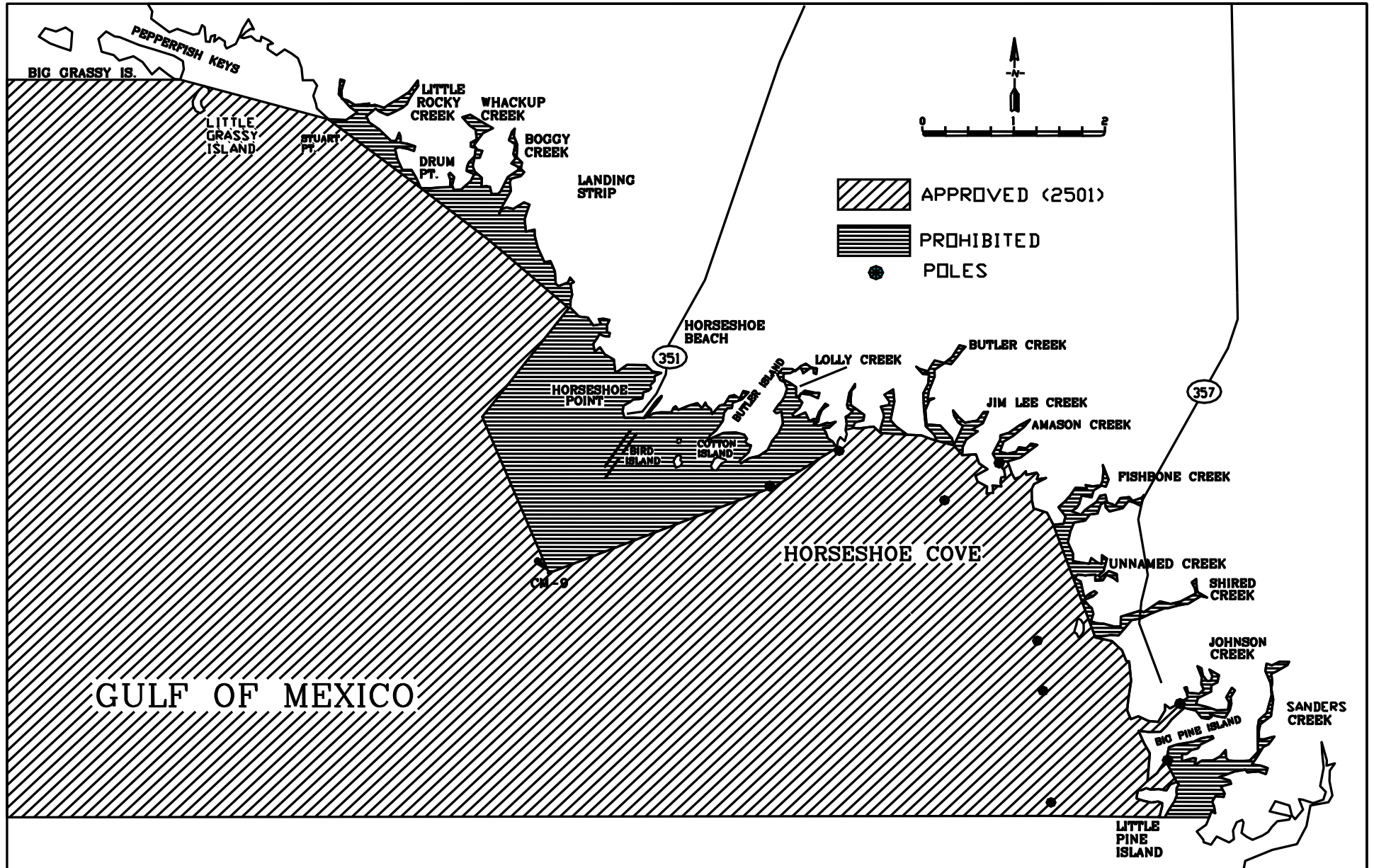


SHELLFISH HARVESTING AREA CLASSIFICATION MAP #22 (Effective: _____)
Wakulla County (#22) Shellfish Harvesting Area in Wakulla County

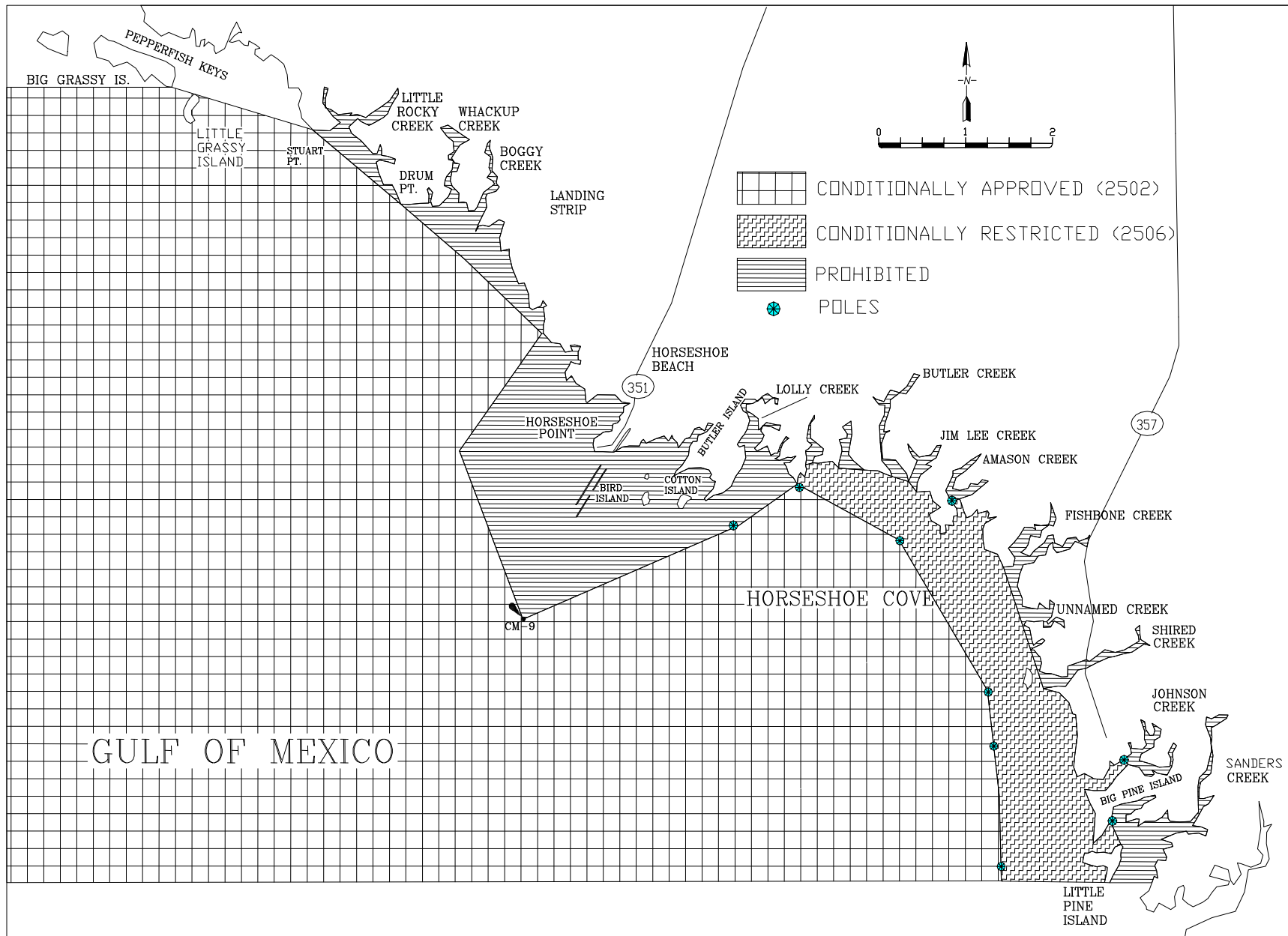


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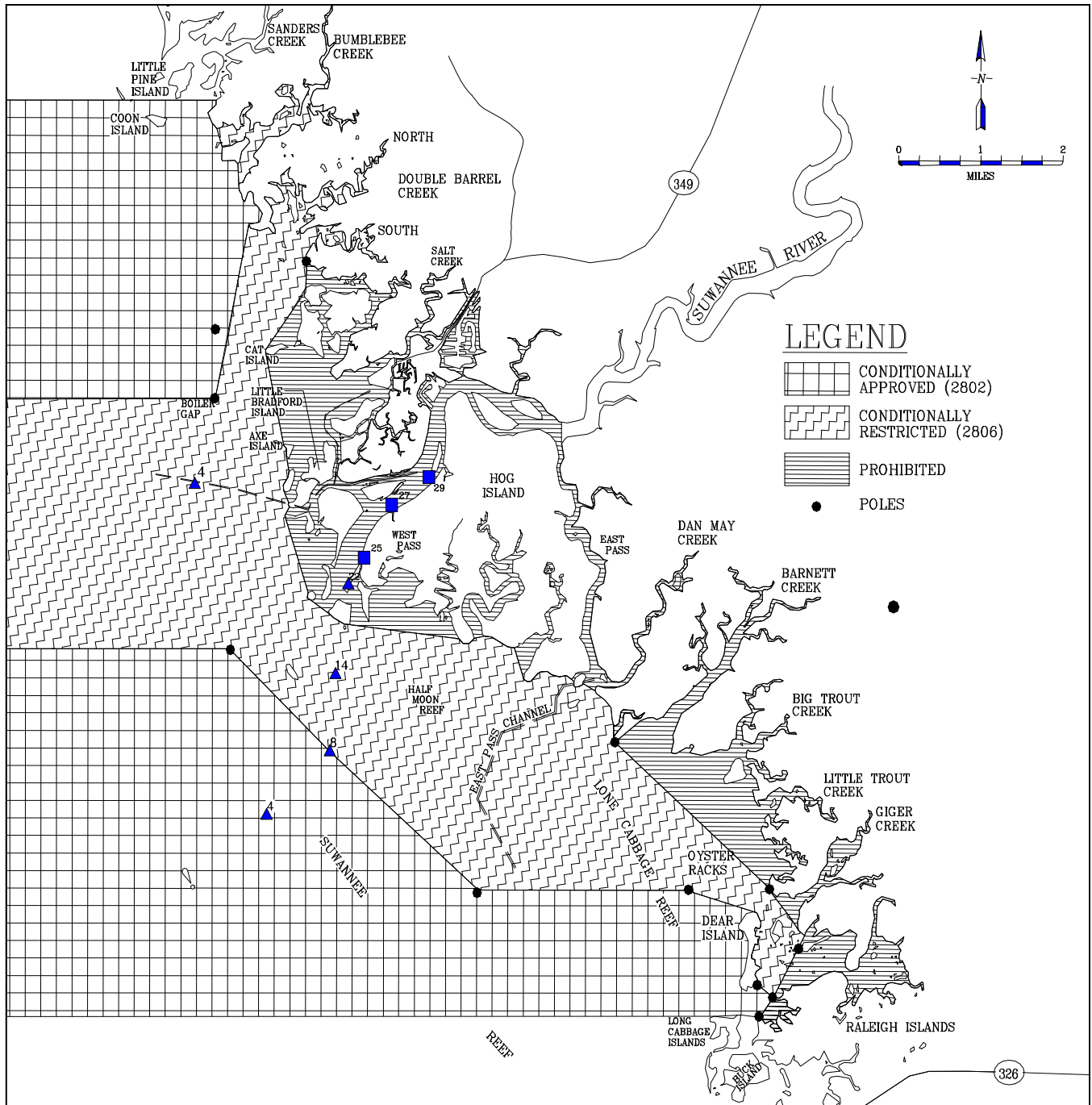
SHELLFISH HARVESTING AREA CLASSIFICATION MAP #25A (Effective: September 28, 2004)
Horseshoe Beach (#25) Shellfish Harvesting Area in Dixie County
Summer Months: April – September



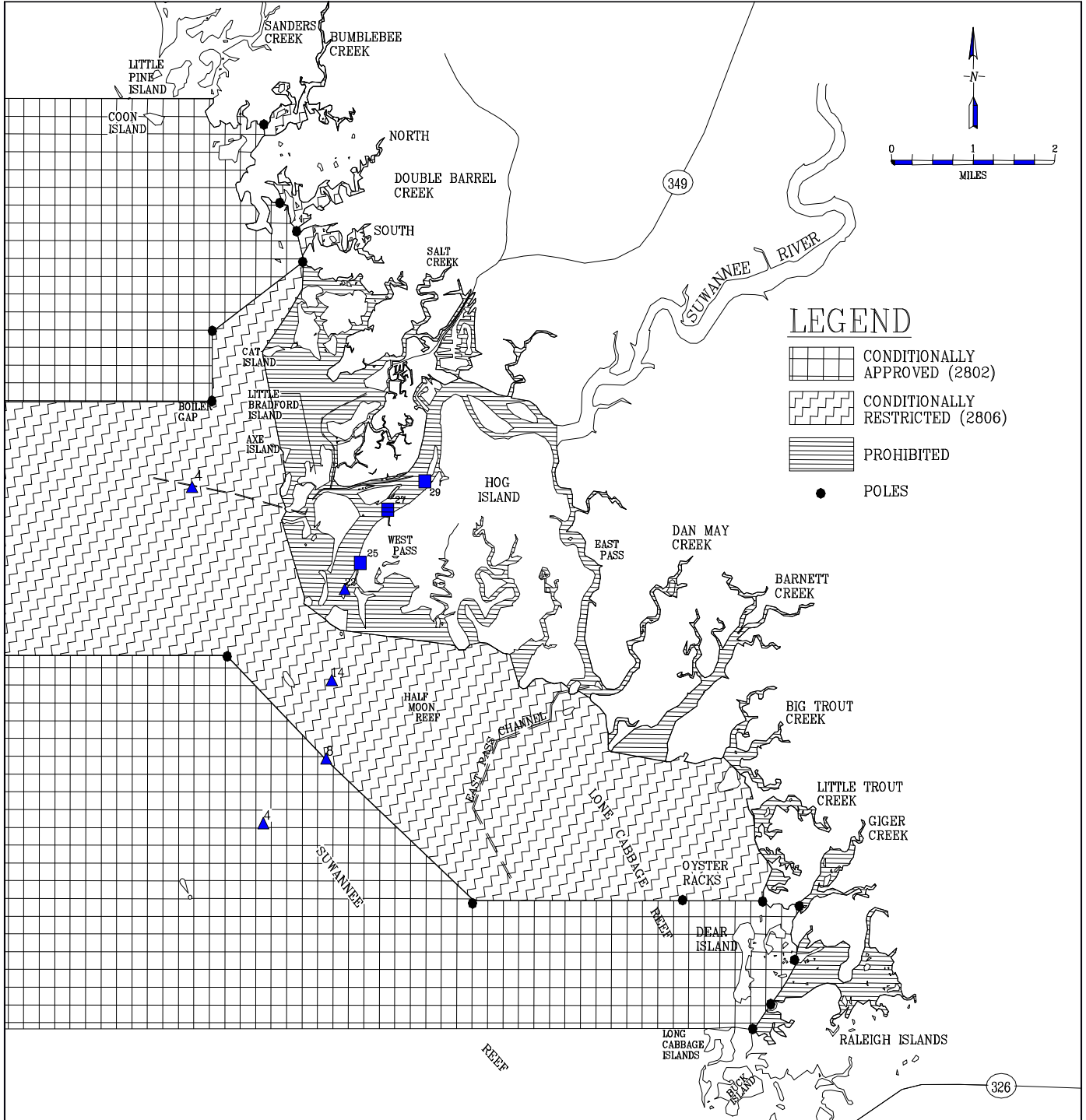
SHELLFISH HARVESTING AREA CLASSIFICATION MAP #25B (Effective: September 28, 2004)
Horseshoe Beach (#25) Shellfish Harvesting Area in Dixie County
Winter Months: October – March



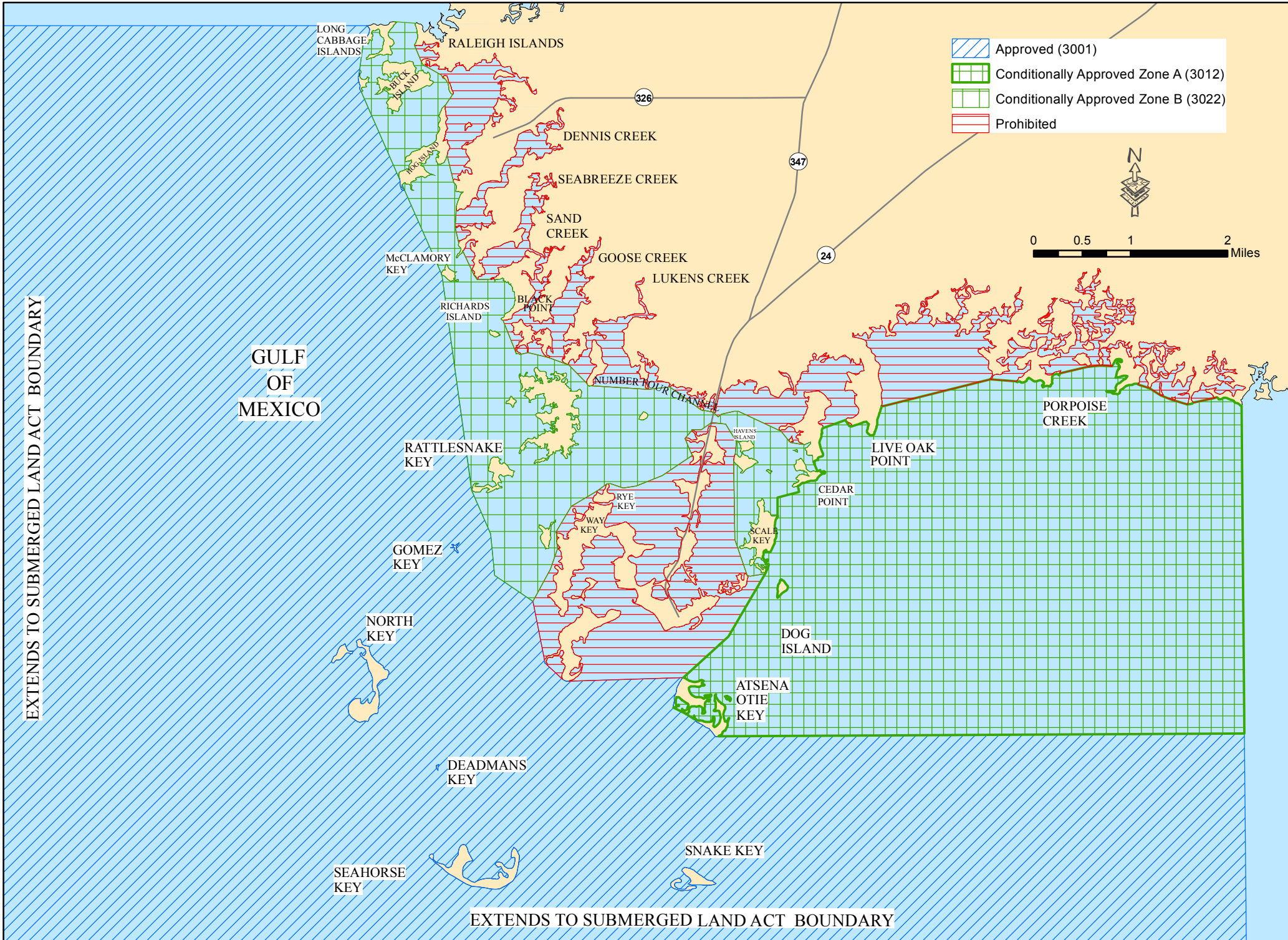
SHELLFISH HARVESTING AREA CLASSIFICATION MAP #28A (Effective: March 11, 2007) Suwannee Sound (#28) Shellfish Harvesting Area in Dixie and Levy Counties Winter months: October-January





SHELLFISH HARVESTING AREA CLASSIFICATION MAP #28B (Effective: March 11, 2007)
Suwannee Sound (#28) Shellfish Harvesting Area in Dixie and Levy Counties
Spring/Summer Months: February – May, September

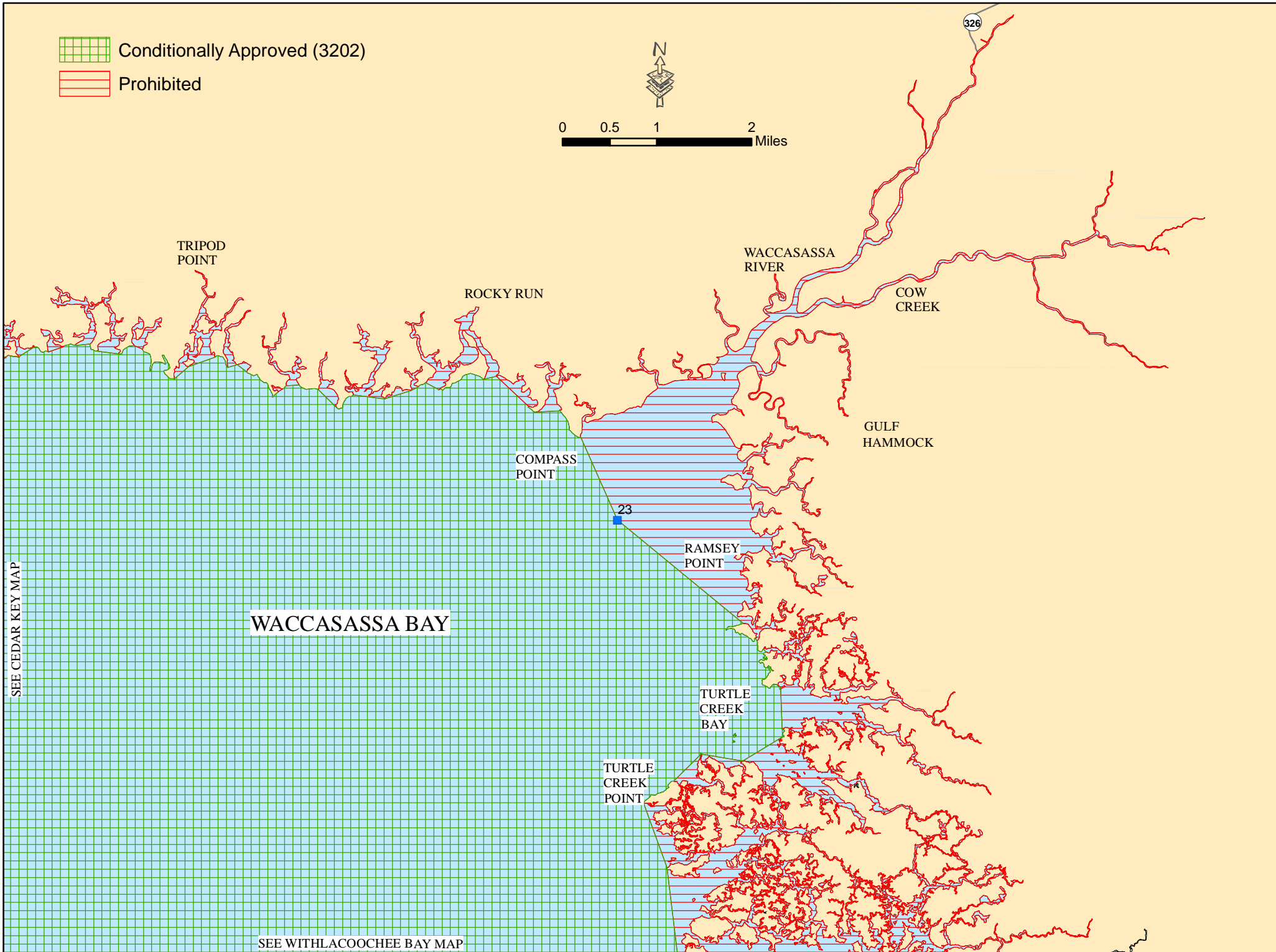
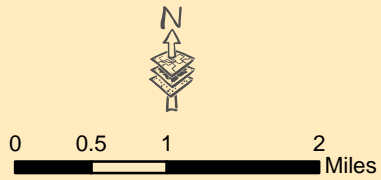


Cedar Key (#30) Shellfish Harvesting Area in Levy County

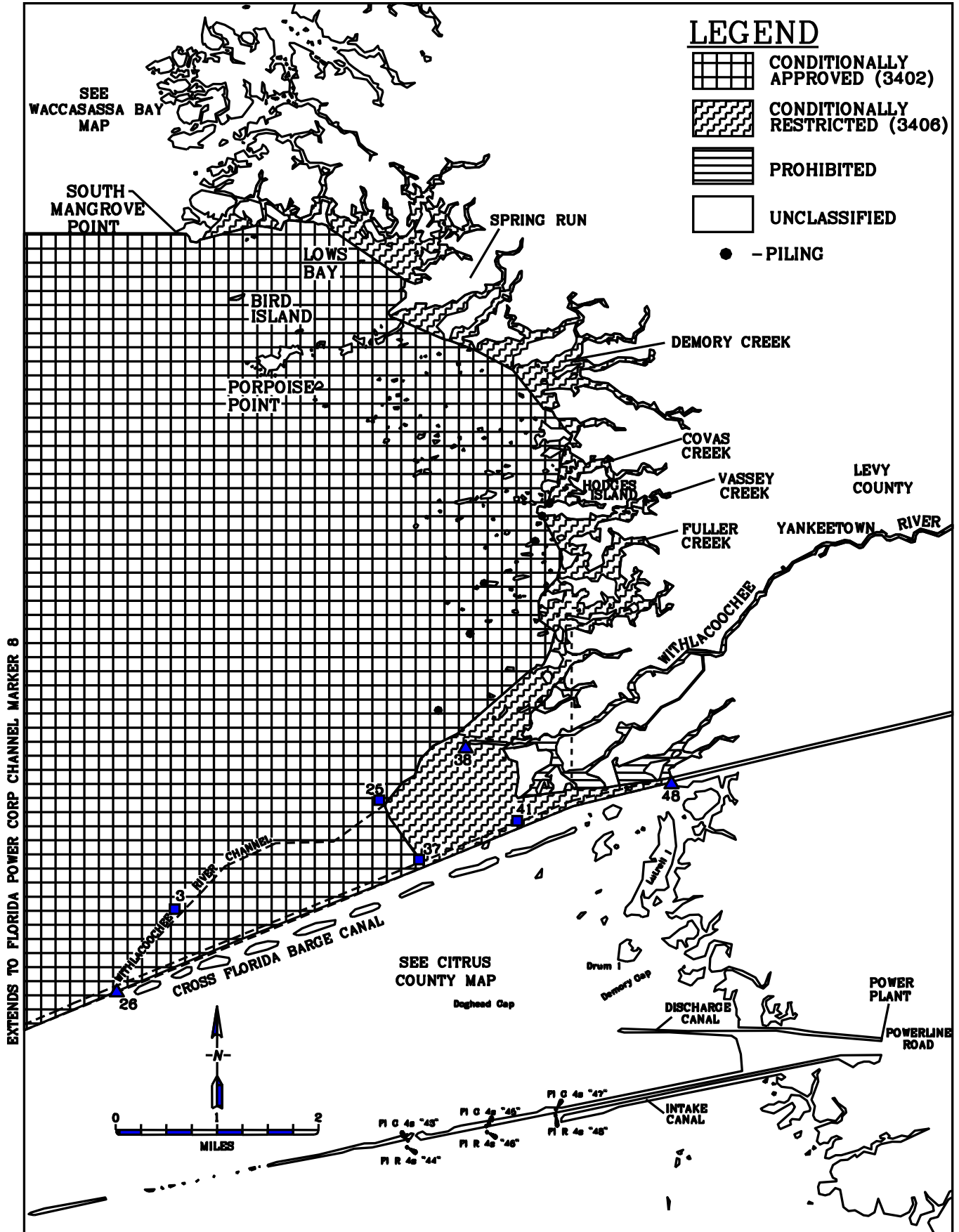


Waccasassa Bay (#32) Shellfish Harvesting Area in Levy County

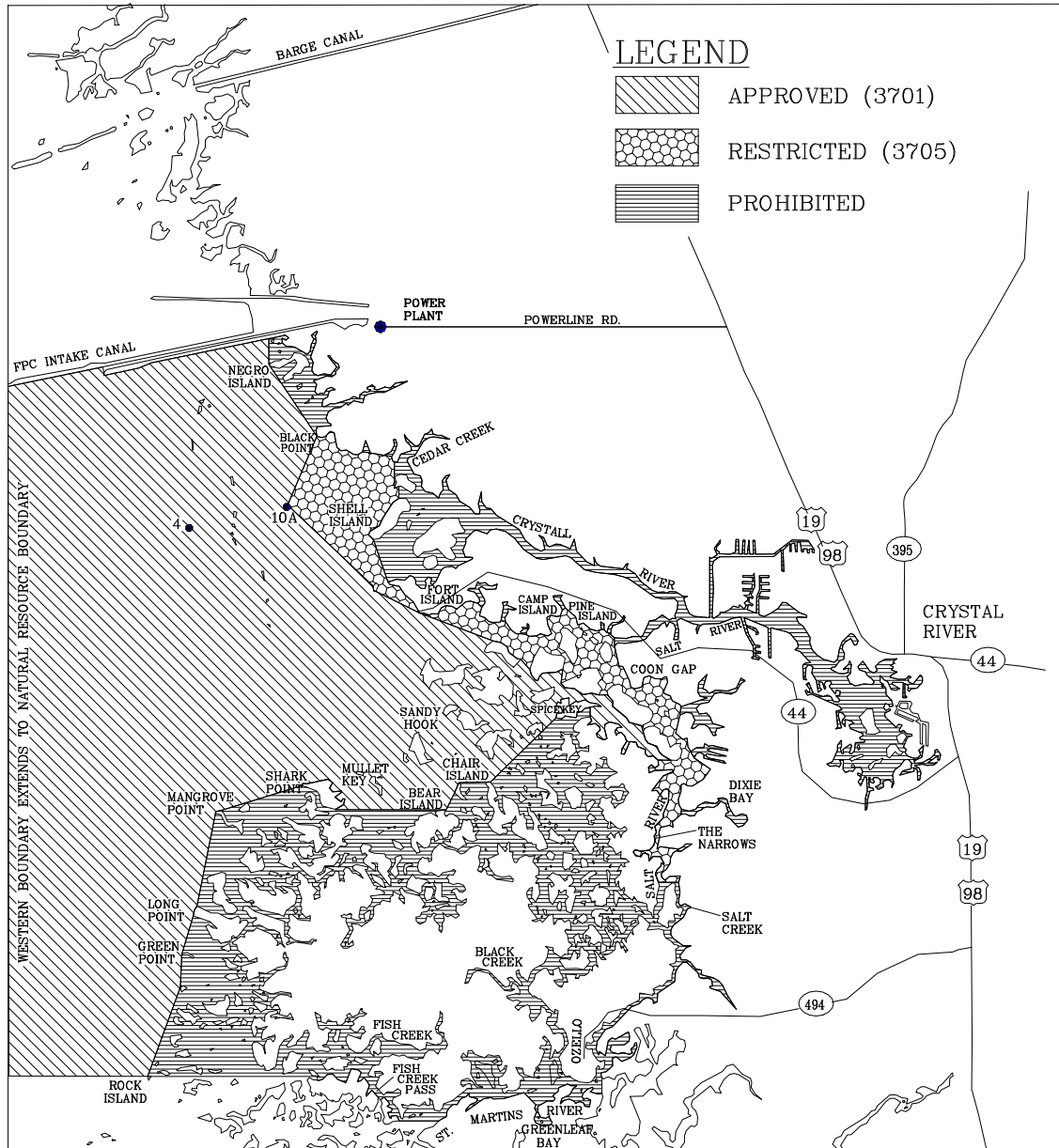
-  Conditionally Approved (3202)
-  Prohibited



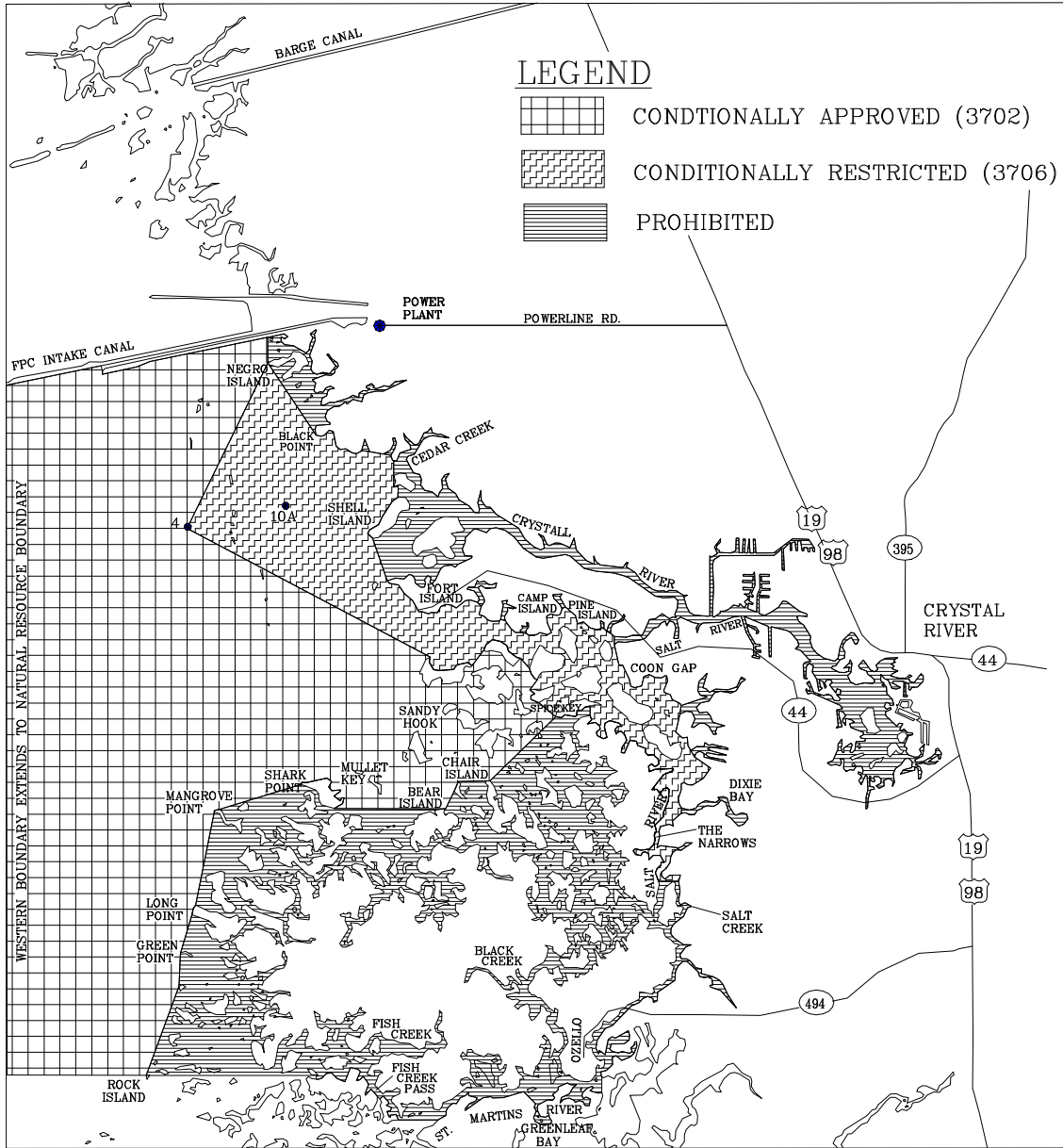
SHELLFISH HARVESTING AREA CLASSIFICATION MAP #34 (Effective: September 28, 2004)
Withlacoochee Bay (#34) Shellfish Harvesting Area in Levy and Citrus Counties



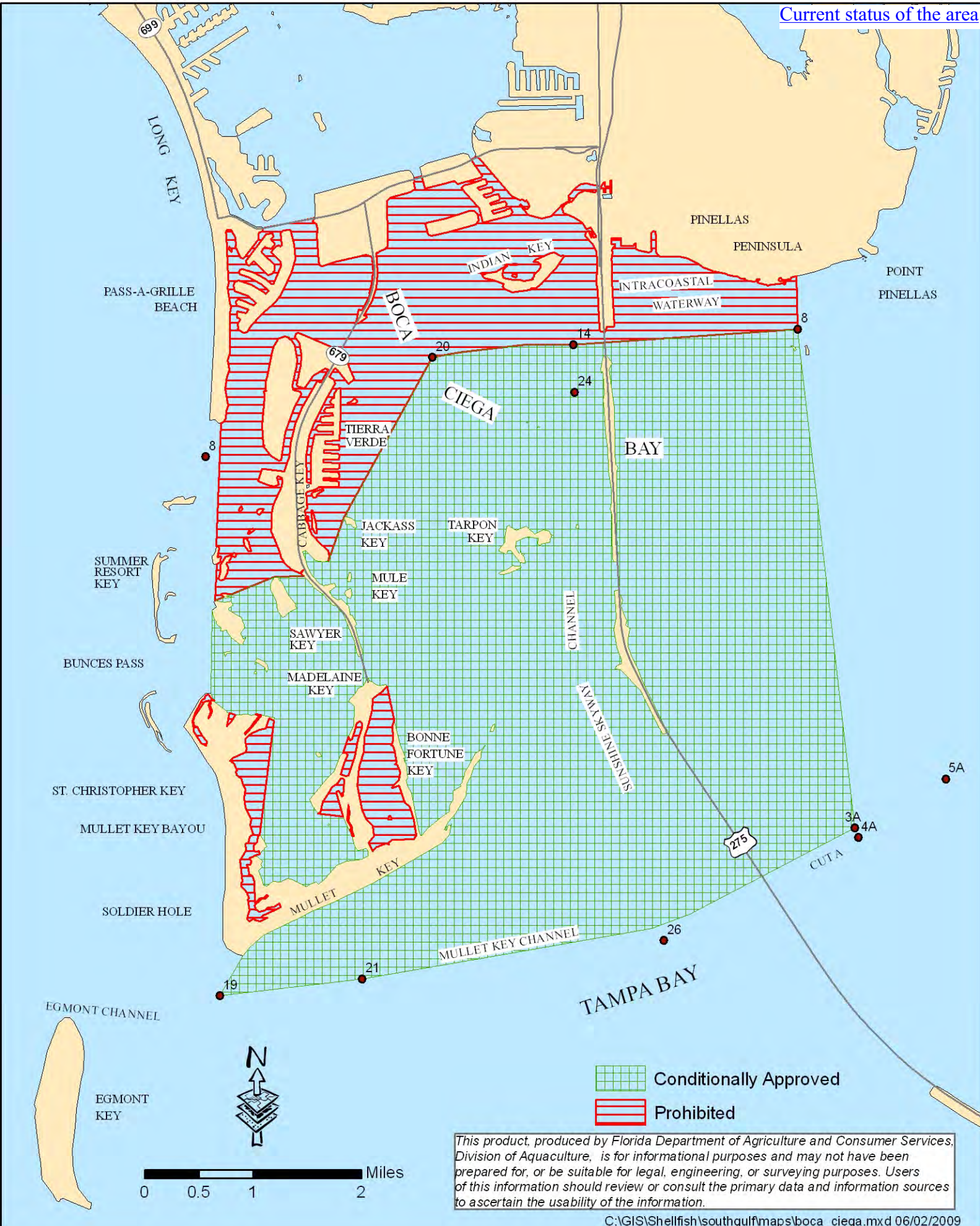
SHELLFISH HARVESTING AREA CLASSIFICATION MAP #37A
Citrus County (#37) Shellfish Harvesting Area in Citrus County
Spring / Fall Months: March thru June and October
(Effective: July 28, 2008)



SHELLFISH HARVESTING AREA CLASSIFICATION MAP #37B
 Citrus County (#37) Shellfish Harvesting Area in Citrus County
 Winter Months: November thru February
 (Effective: July 28, 2008)

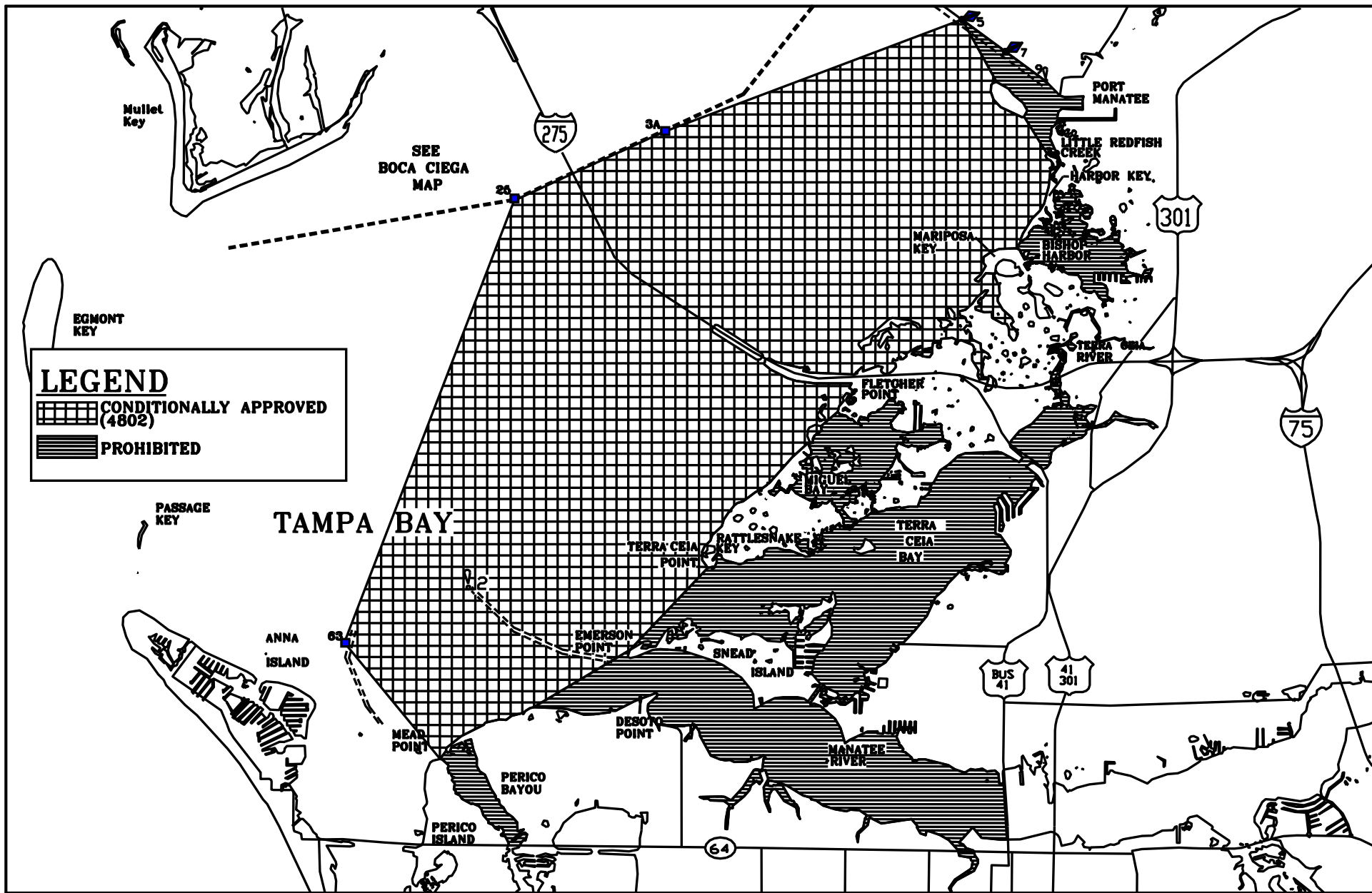


Current status of the area

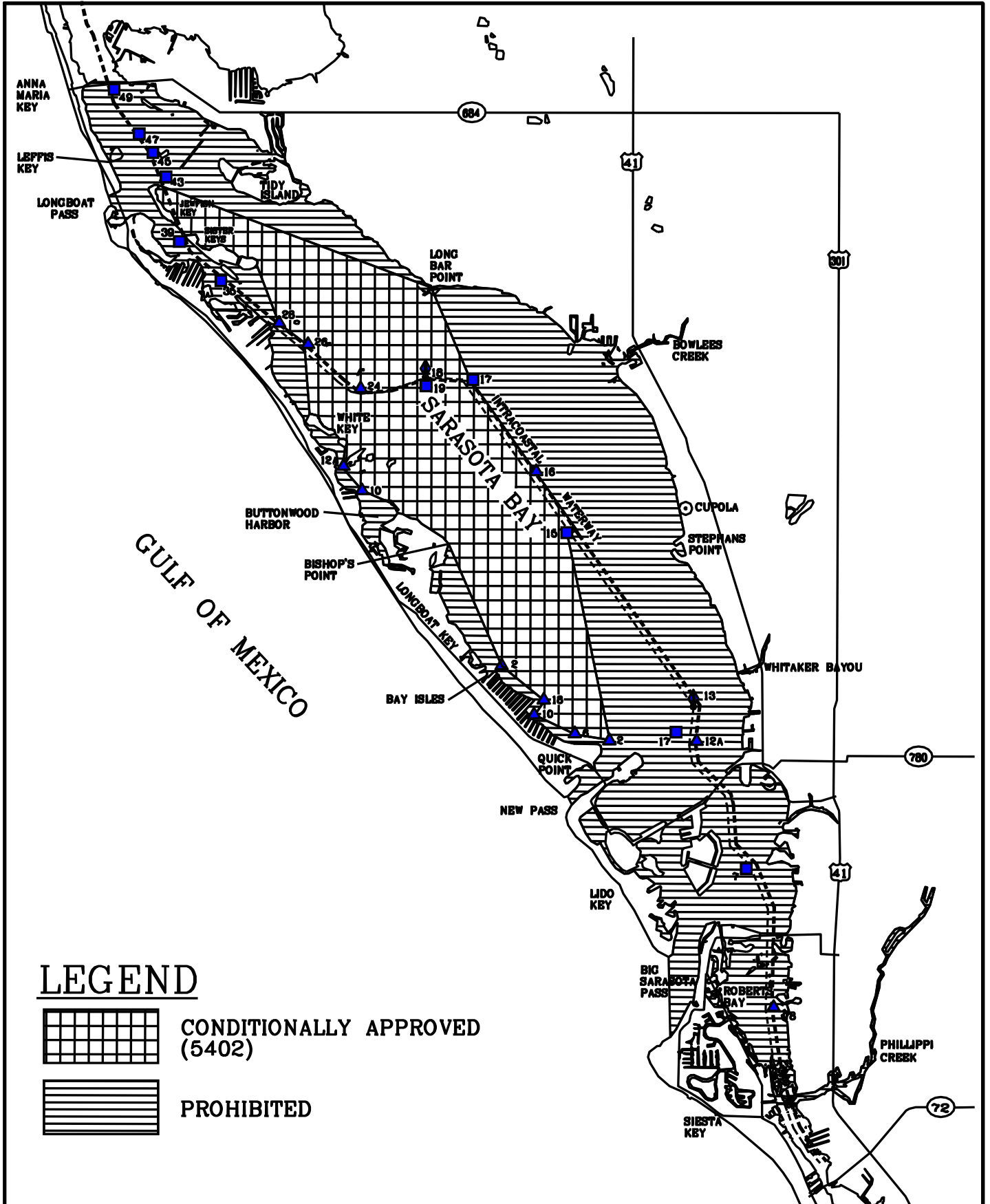


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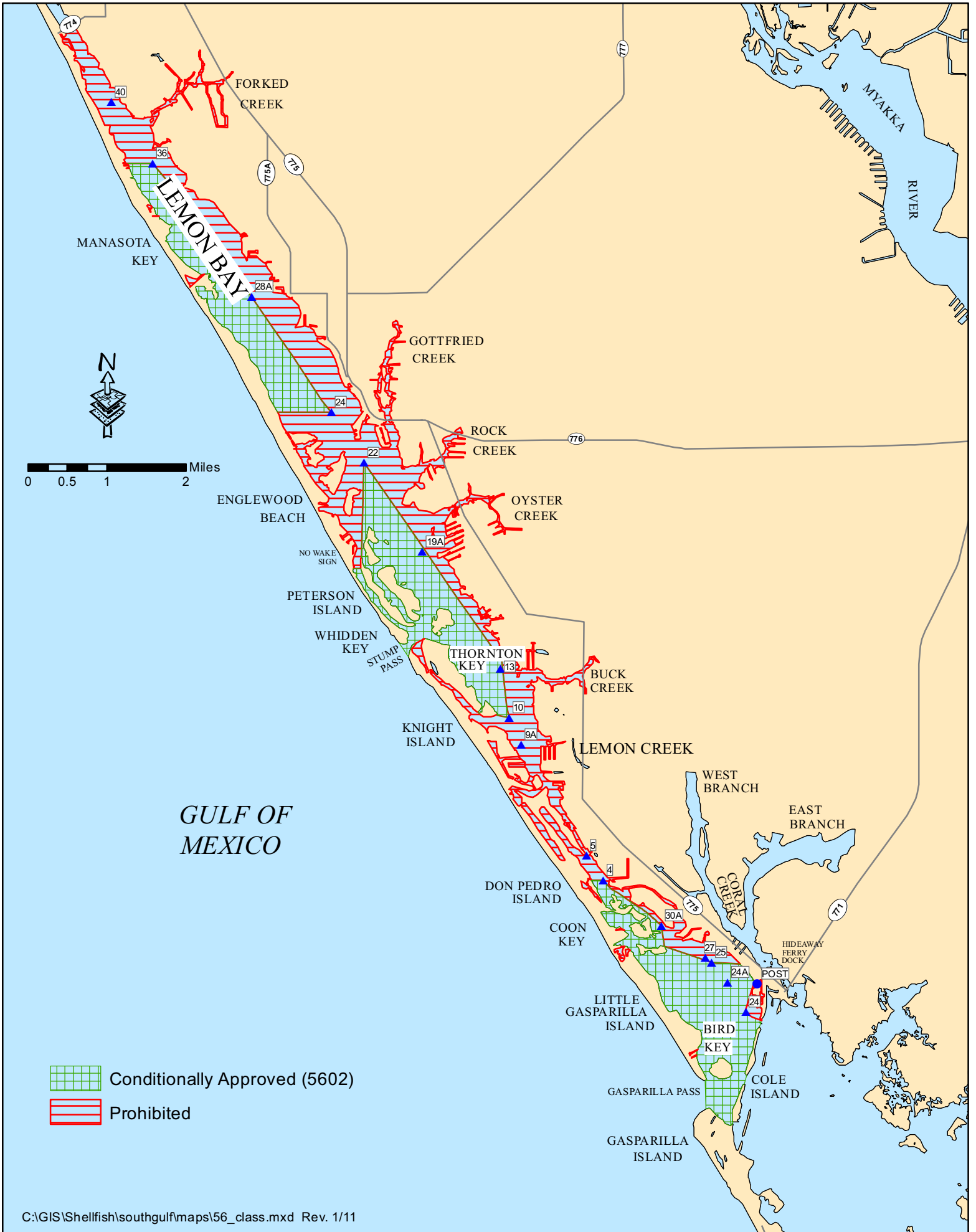
SHELLFISH HARVESTING AREA CLASSIFICATION MAP #48 (Effective: September 28, 2004)
Lower Tampa Bay (#48) Shellfish Harvesting Area in Manatee and Hillsborough Counties



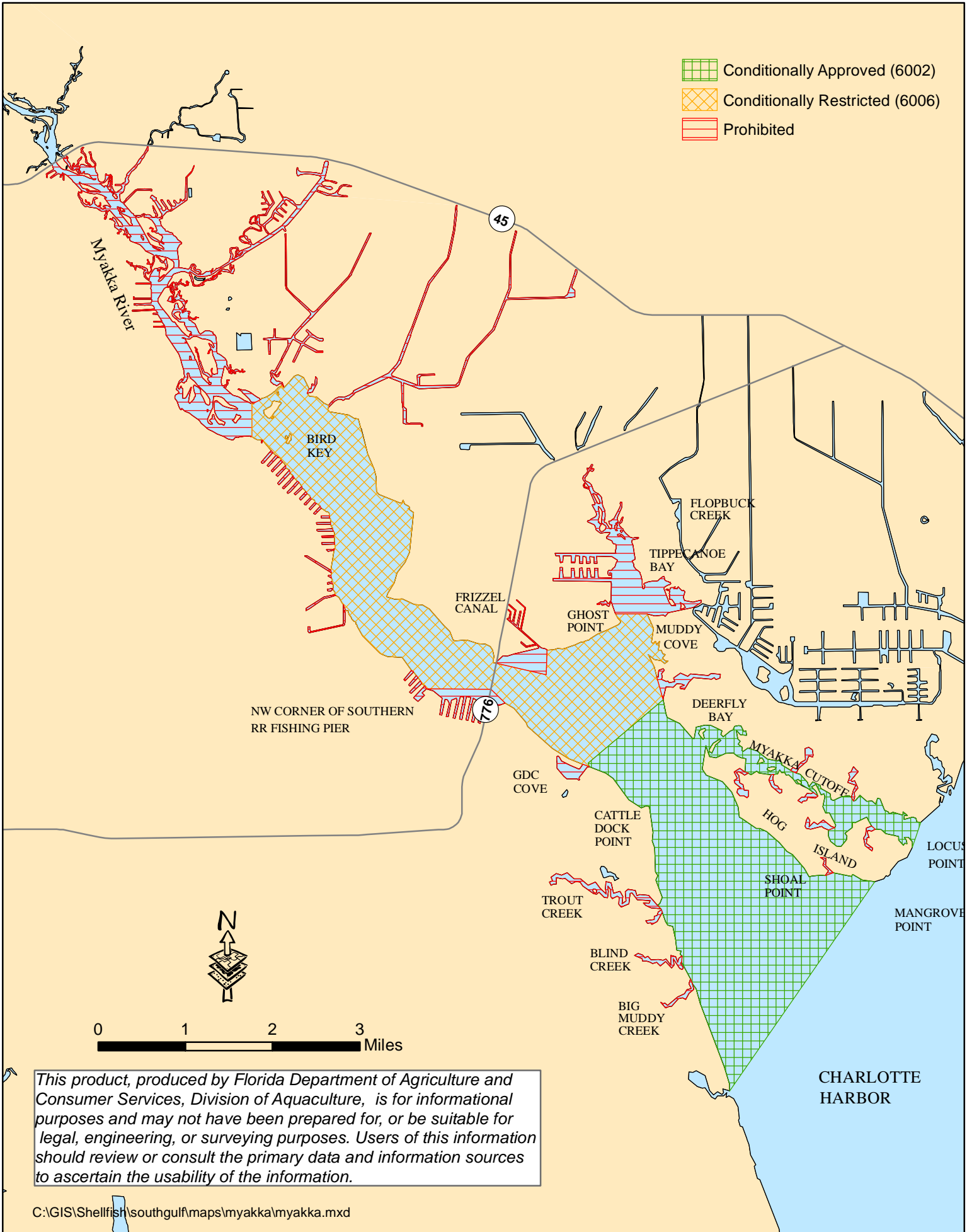
SHELLFISH HARVESTING AREA CLASSIFICATION MAP #54 (Effective: September 28, 2004)
Sarasota Bay (#54) Shellfish Harvesting Area in Sarasota and Manatee Counties



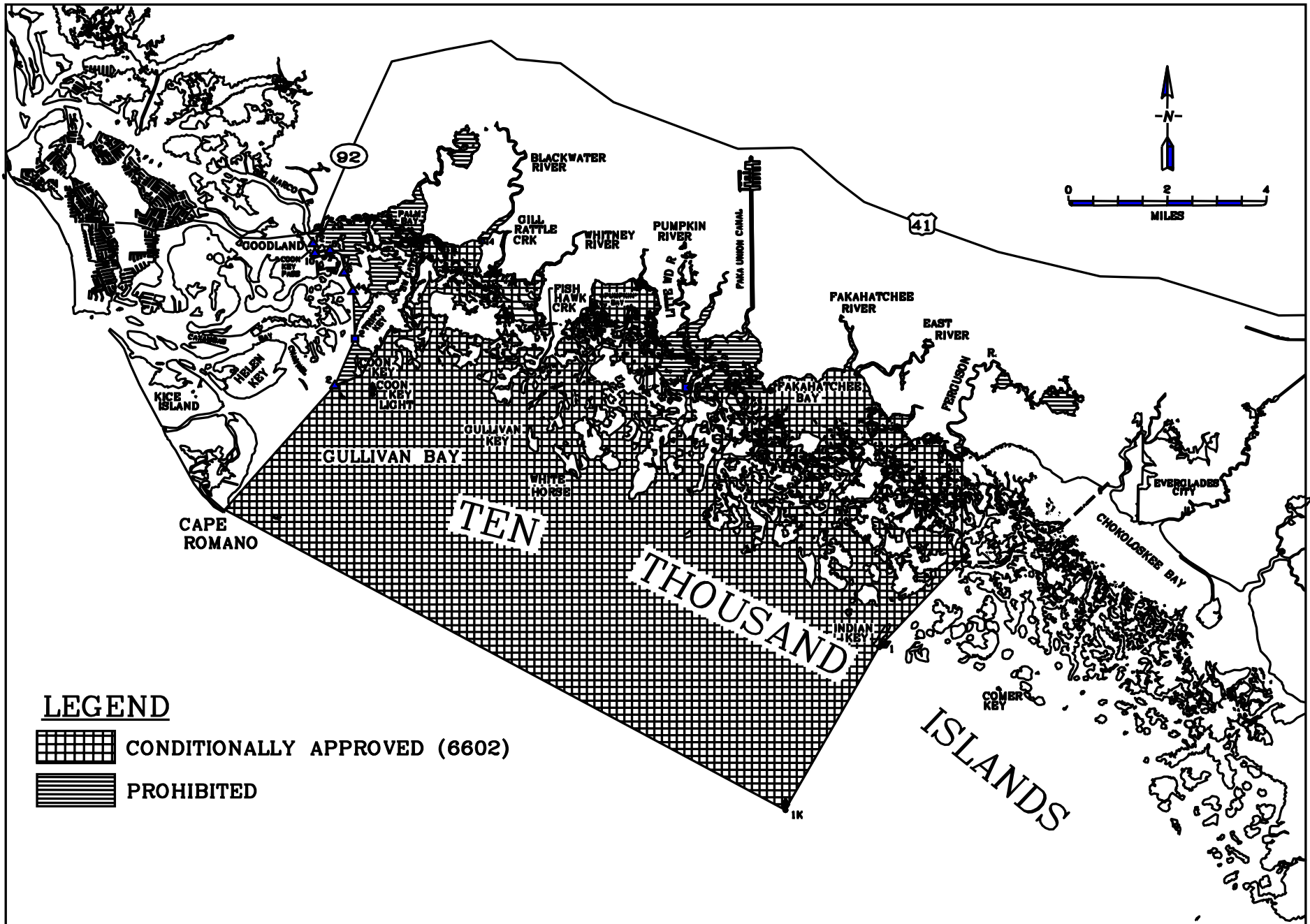
Lemon Bay (#56) Shellfish Harvesting Area in Charlotte and Sarasota Counties



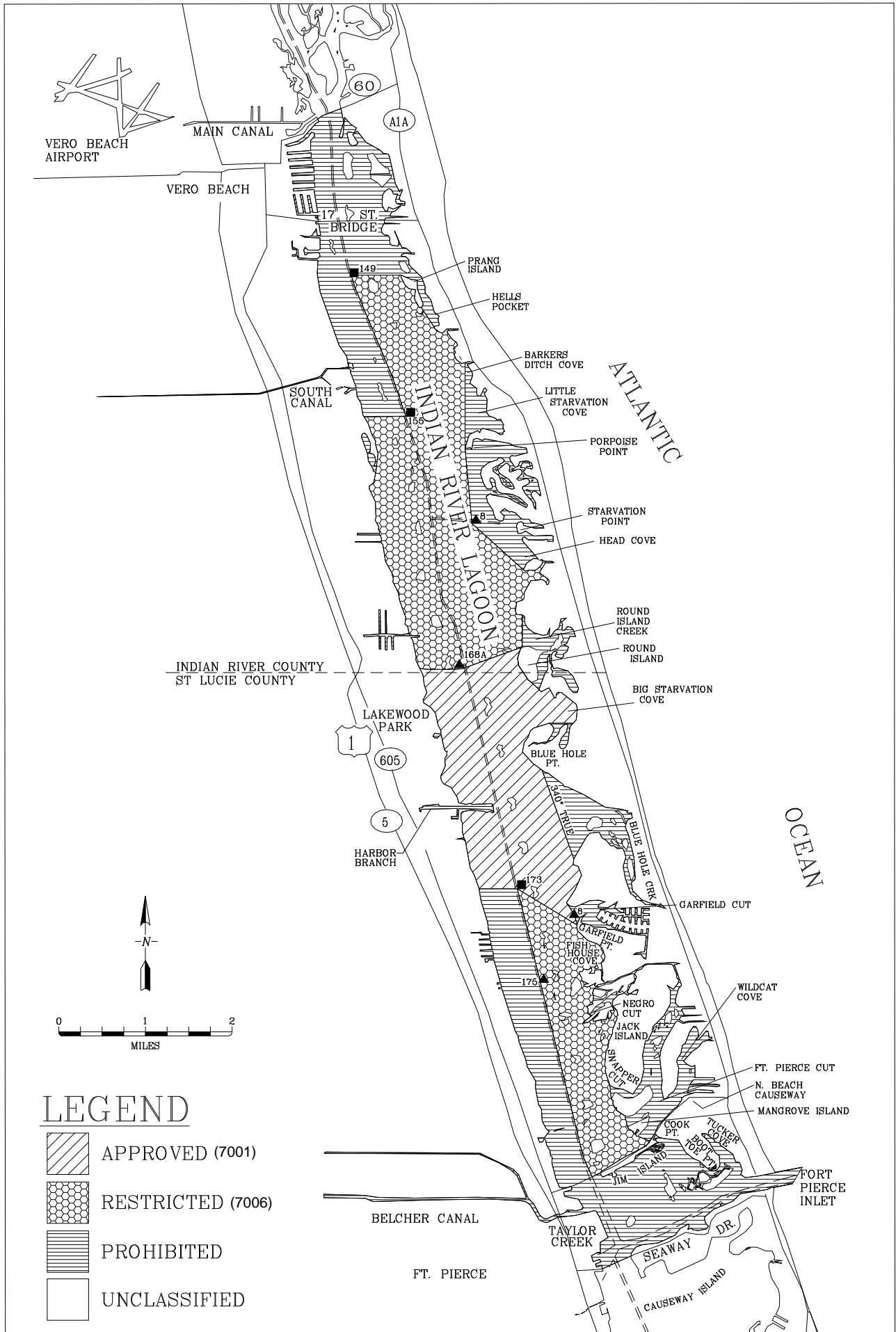
SHELLFISH HARVESTING CLASSIFICATION MAP # 60 (Effective: August 19, 2012)
 Myakka River (#60) Shellfish Harvesting Area in Charlotte and Sarasota Counties



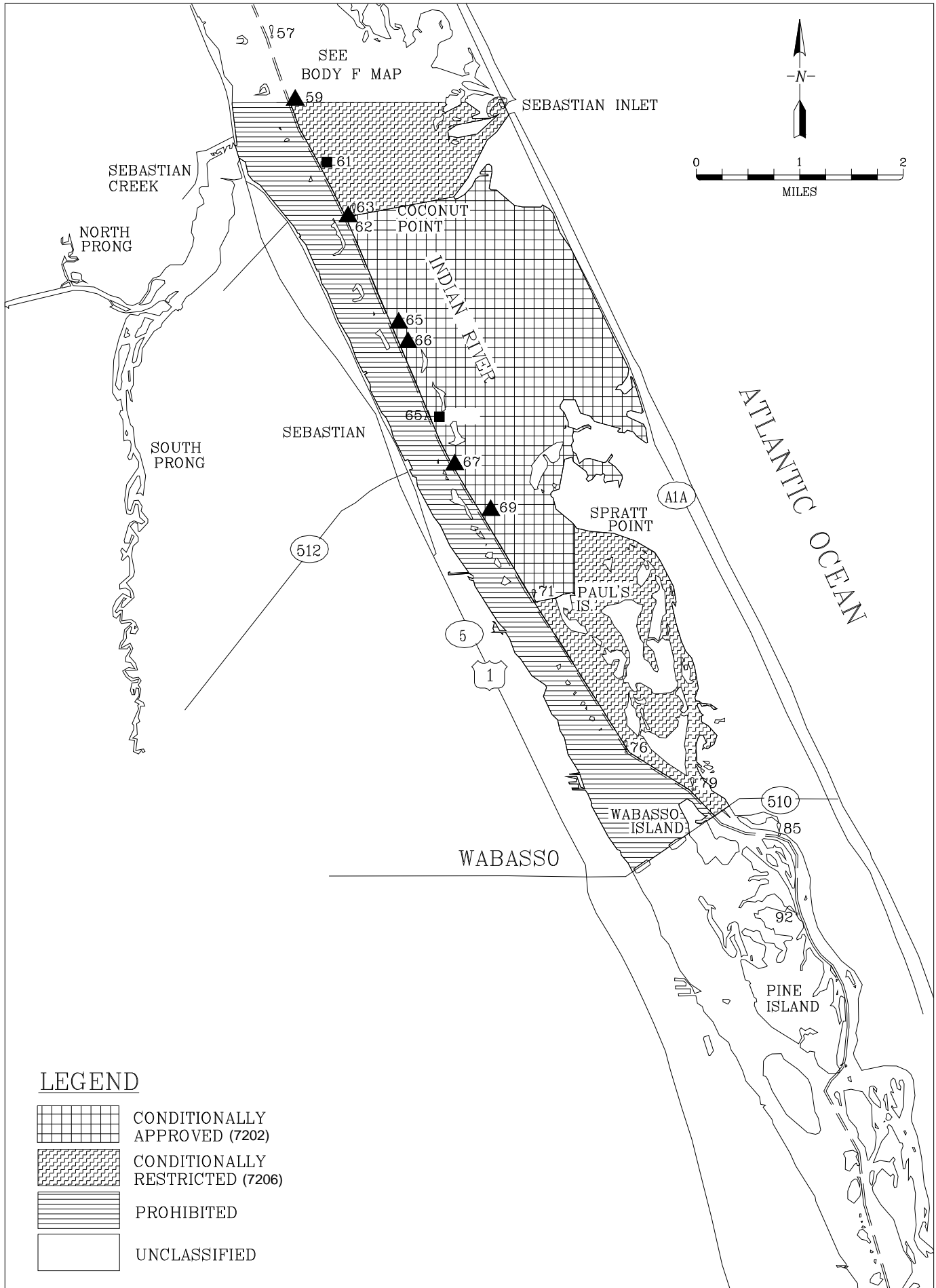
SHELLFISH HARVESTING AREA CLASSIFICATION MAP #66 (Effective: September 28, 2004)
Ten Thousand Islands (#66) Shellfish Harvesting Area in Collier County



SHELLFISH HARVESTING AREA CLASSIFICATION MAP #70 (Effective: June 18, 1997)
Indian River/St. Lucie (#70) Shellfish Harvesting Area in Indian River and St. Lucie Counties

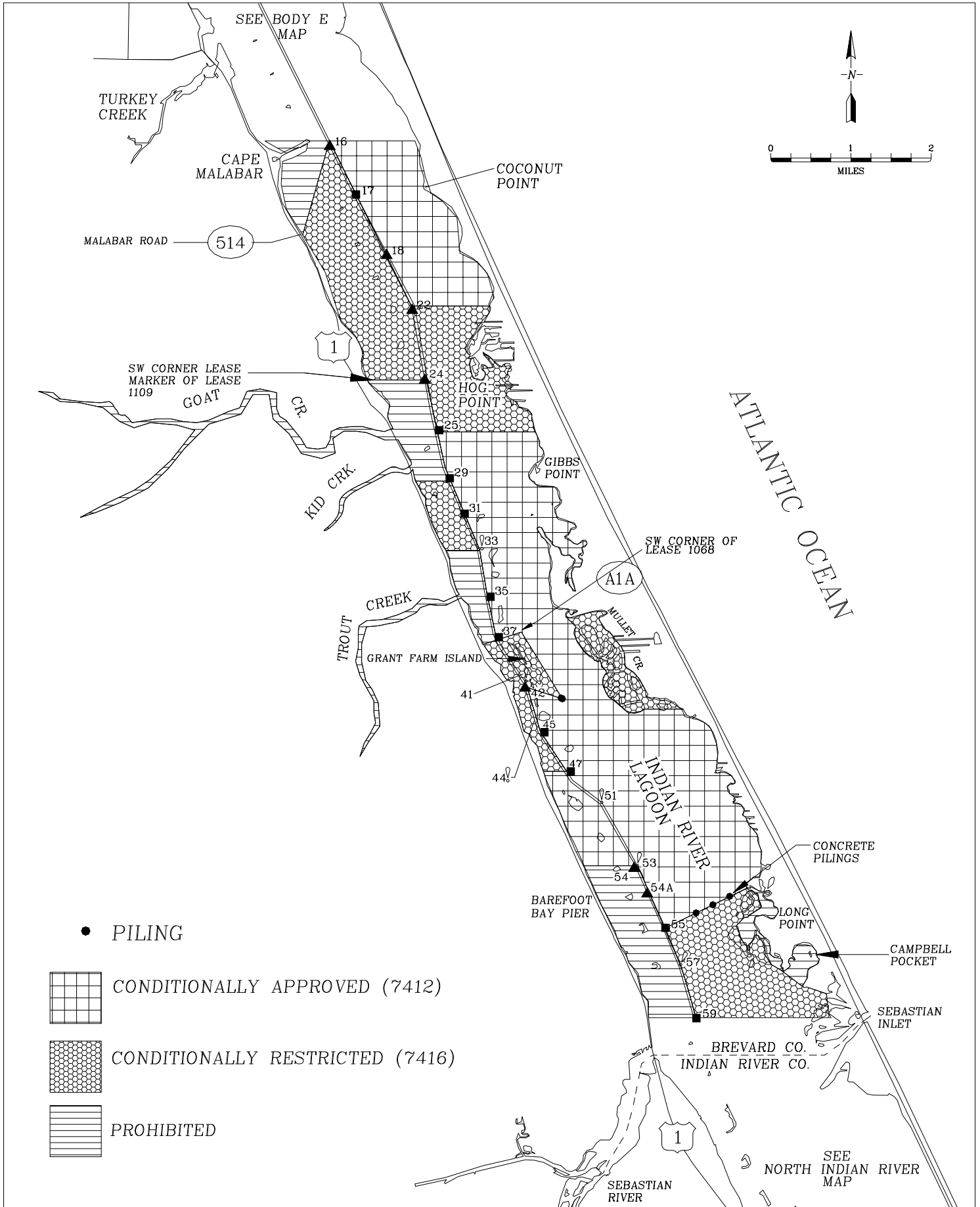


SHELLFISH HARVESTING AREA CLASSIFICATION MAP #72 (Effective: June 18, 1997)
North Indian River (#72) Shellfish Harvesting Area in Indian River County

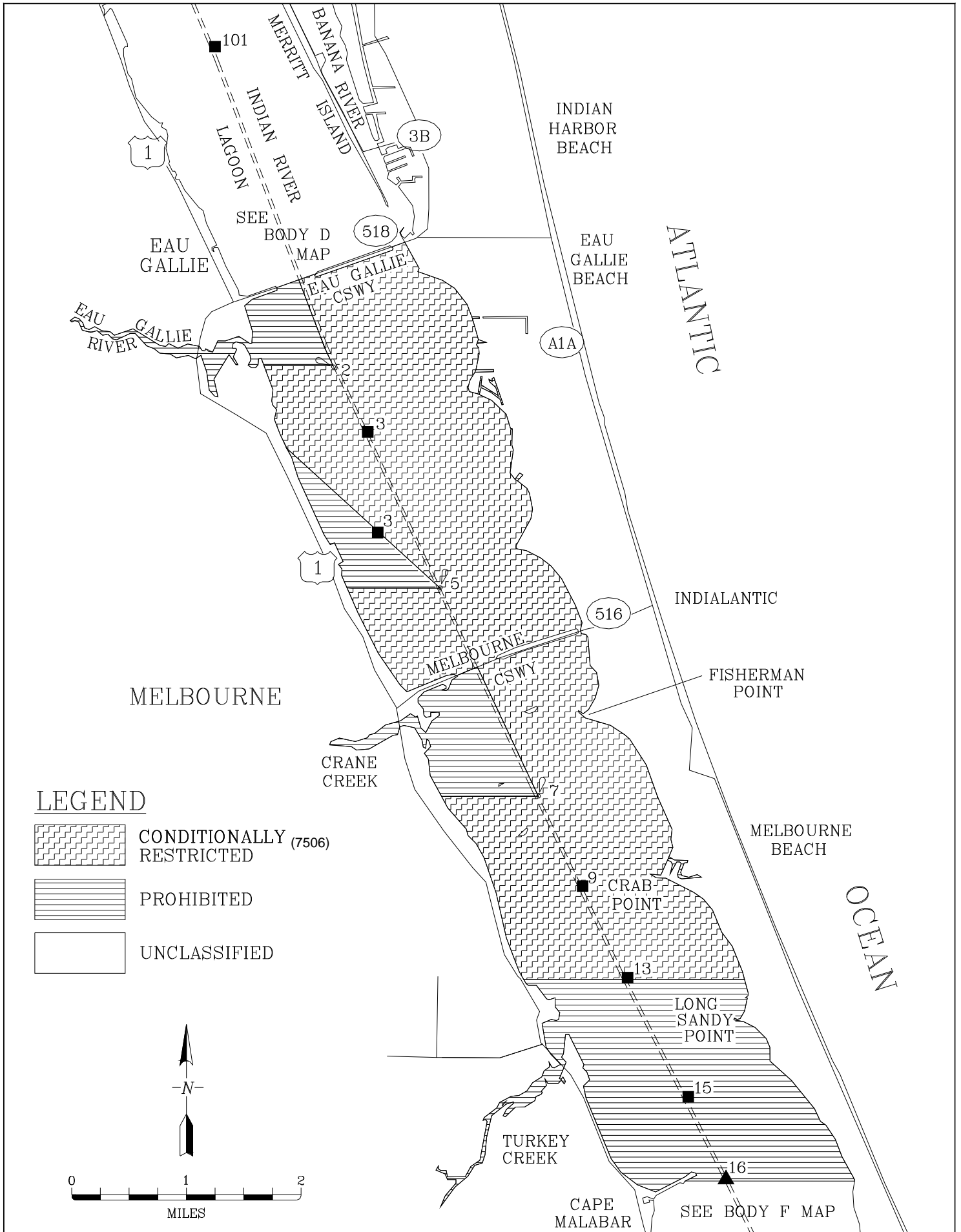


SHELLFISH HARVESTING AREA CLASSIFICATION MAP #74 (Effective: April 5, 2000)

Body F (#74) Shellfish Harvesting Area in Brevard County



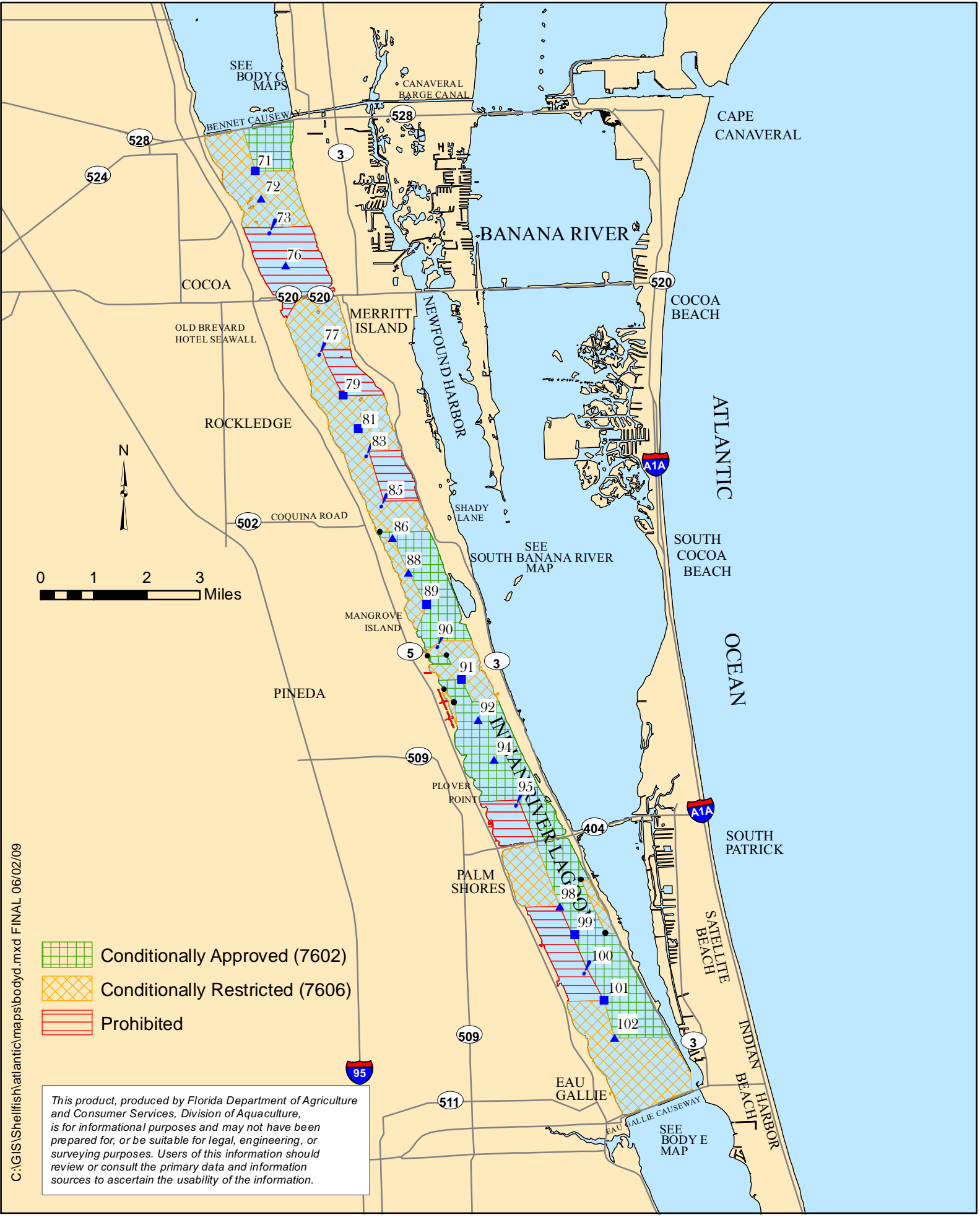
SHELLFISH HARVESTING AREA CLASSIFICATION MAP #75 (Effective: January 1, 1994)
Body E (#75) Shellfish Harvesting Area in Brevard County






SHELLFISH HARVESTING AREA CLASSIFICATION MAP #76 (Effective August 1, 1996)

[Current status of this area](#)

Body D (#76) Shellfish Harvesting Area in Brevard County

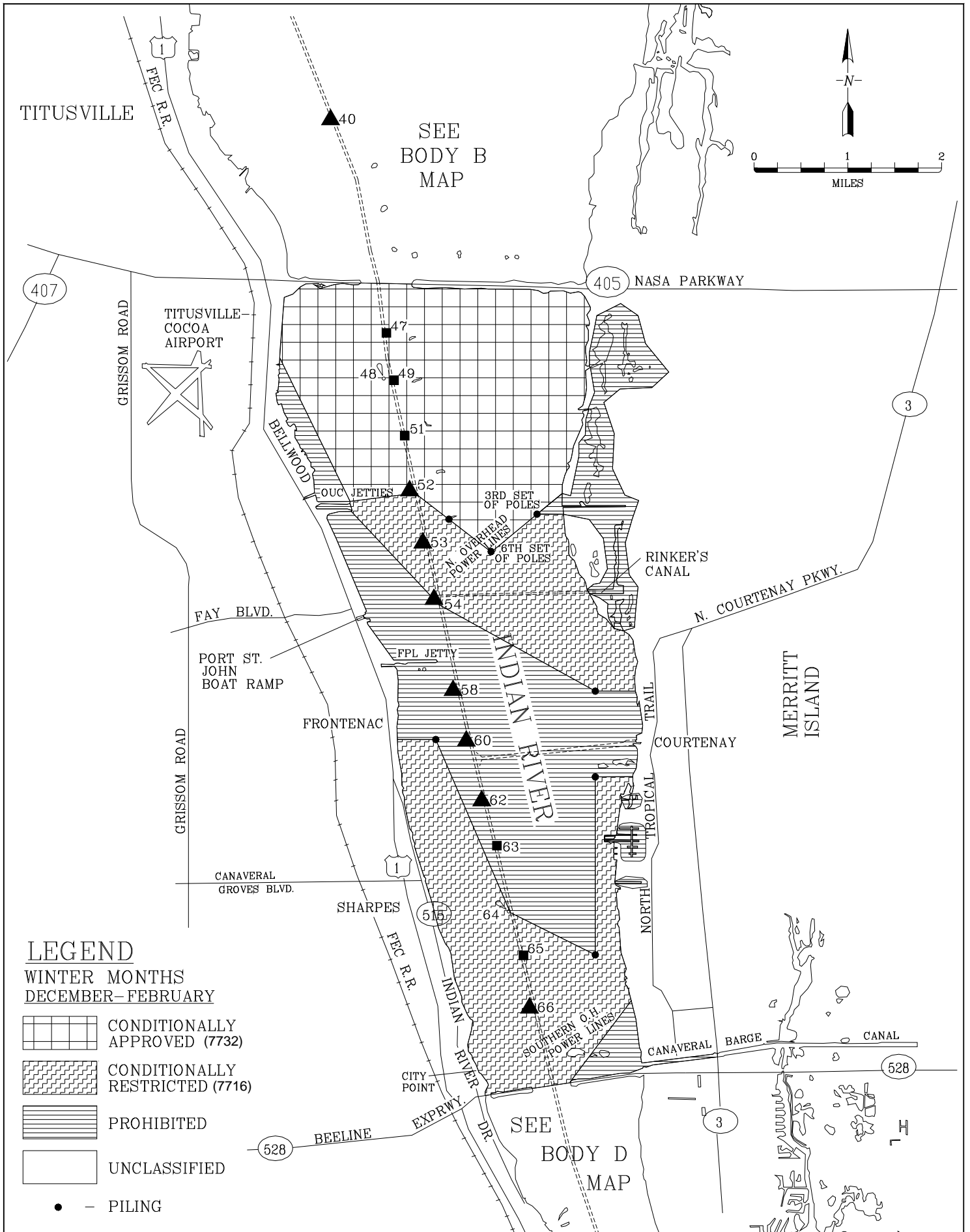


-  Conditionally Approved (7602)
-  Conditionally Restricted (7606)
-  Prohibited

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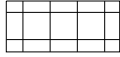

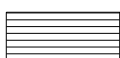


C:\GIS\Shellfishatlantic\maps\bodyd.mxd FINAL 06/02/09

SHELLFISH HARVESTING AREA CLASSIFICATION MAP #77A (Effective: January 1, 1994)
Body C (#77) Shellfish Harvesting Area in Brevard County
Winter Months: December - February



LEGEND

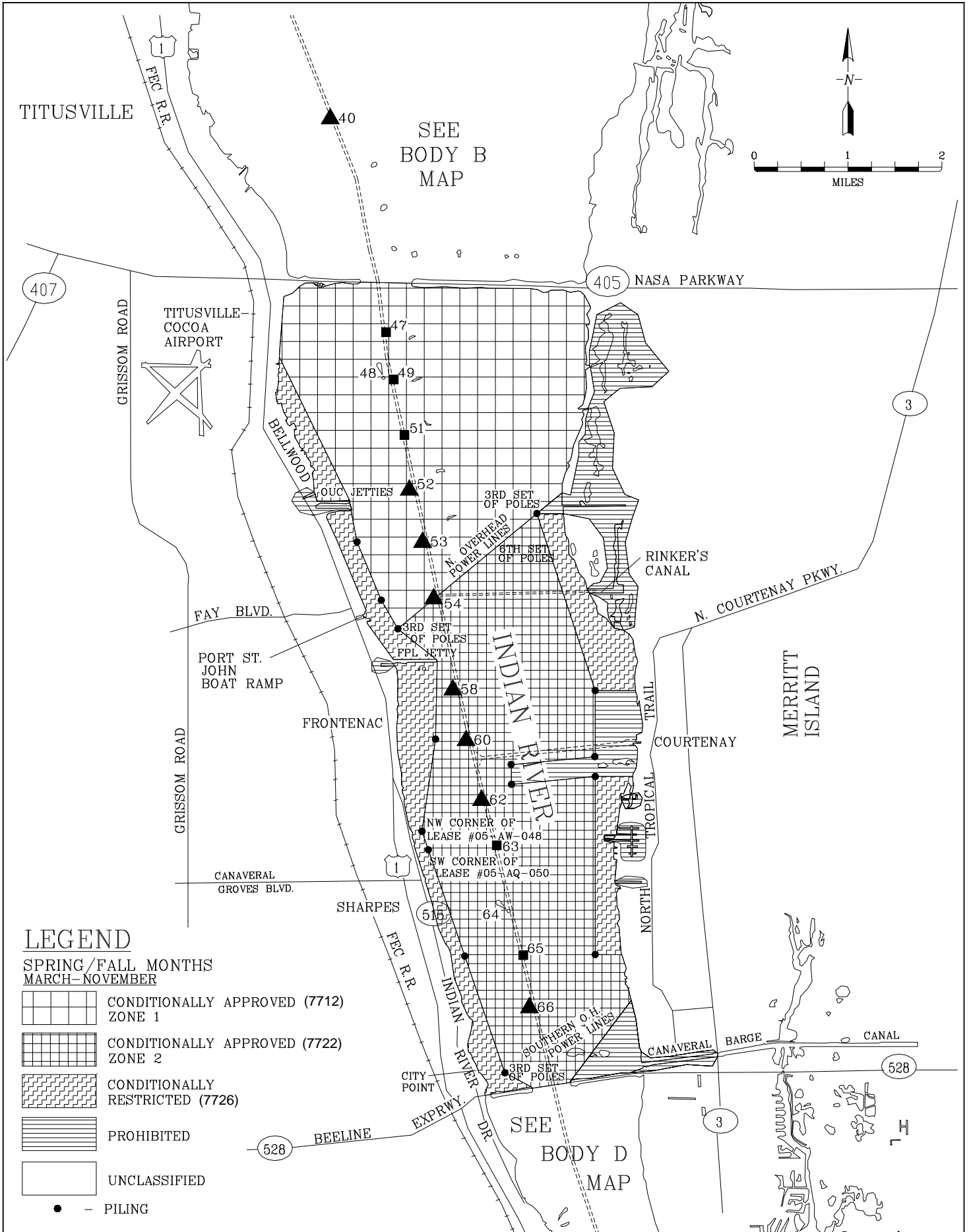
WINTER MONTHS
DECEMBER-FEBRUARY

-  CONDITIONALLY APPROVED (7732)
-  CONDITIONALLY RESTRICTED (7716)
-  PROHIBITED
-  UNCLASSIFIED
-  - PILING

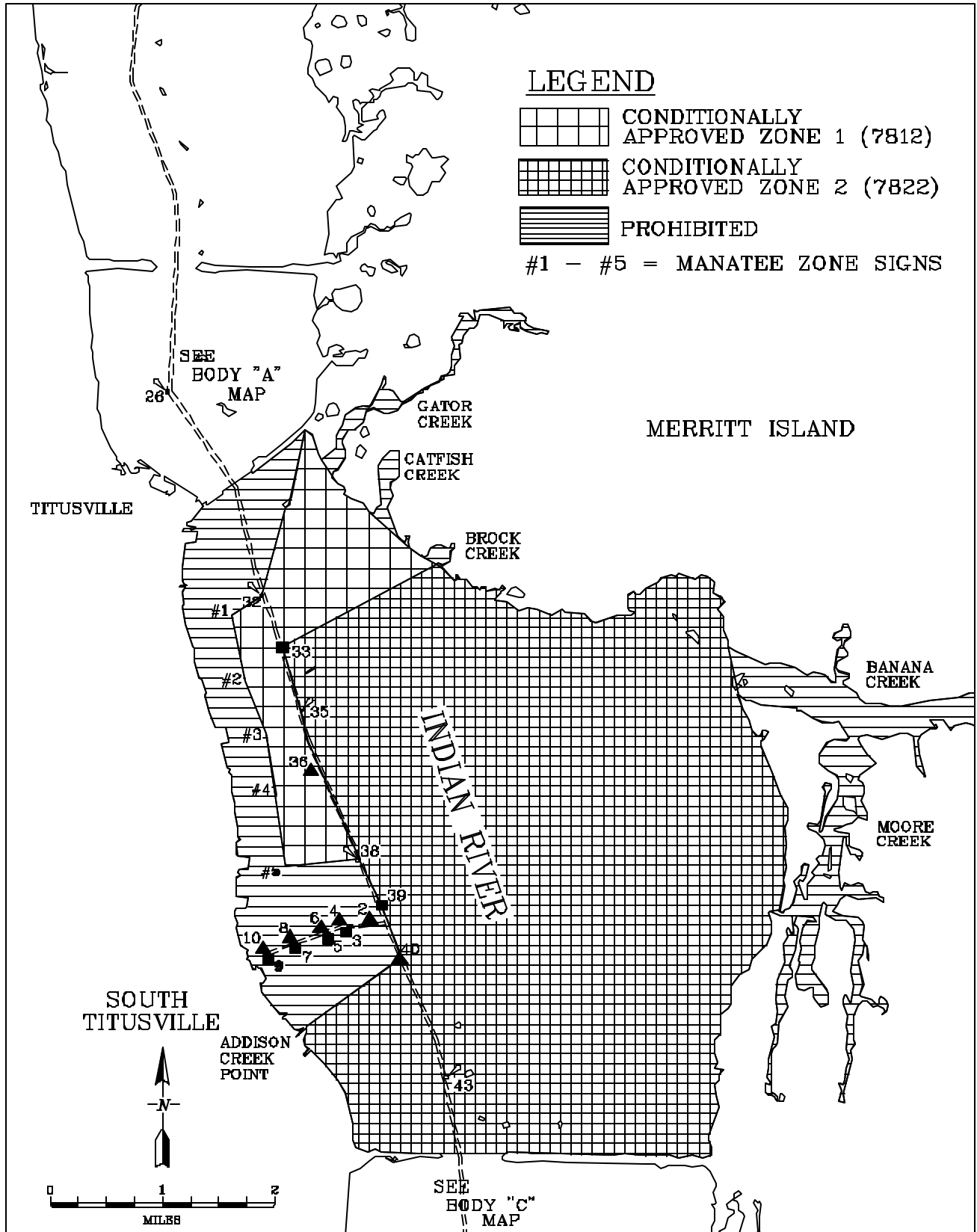
SHELLFISH HARVESTING AREA CLASSIFICATION MAP #77B (Effective: January 1, 1994)

Body C (#77) Shellfish Harvesting Area in Brevard County

Spring/Fall Months: March - November

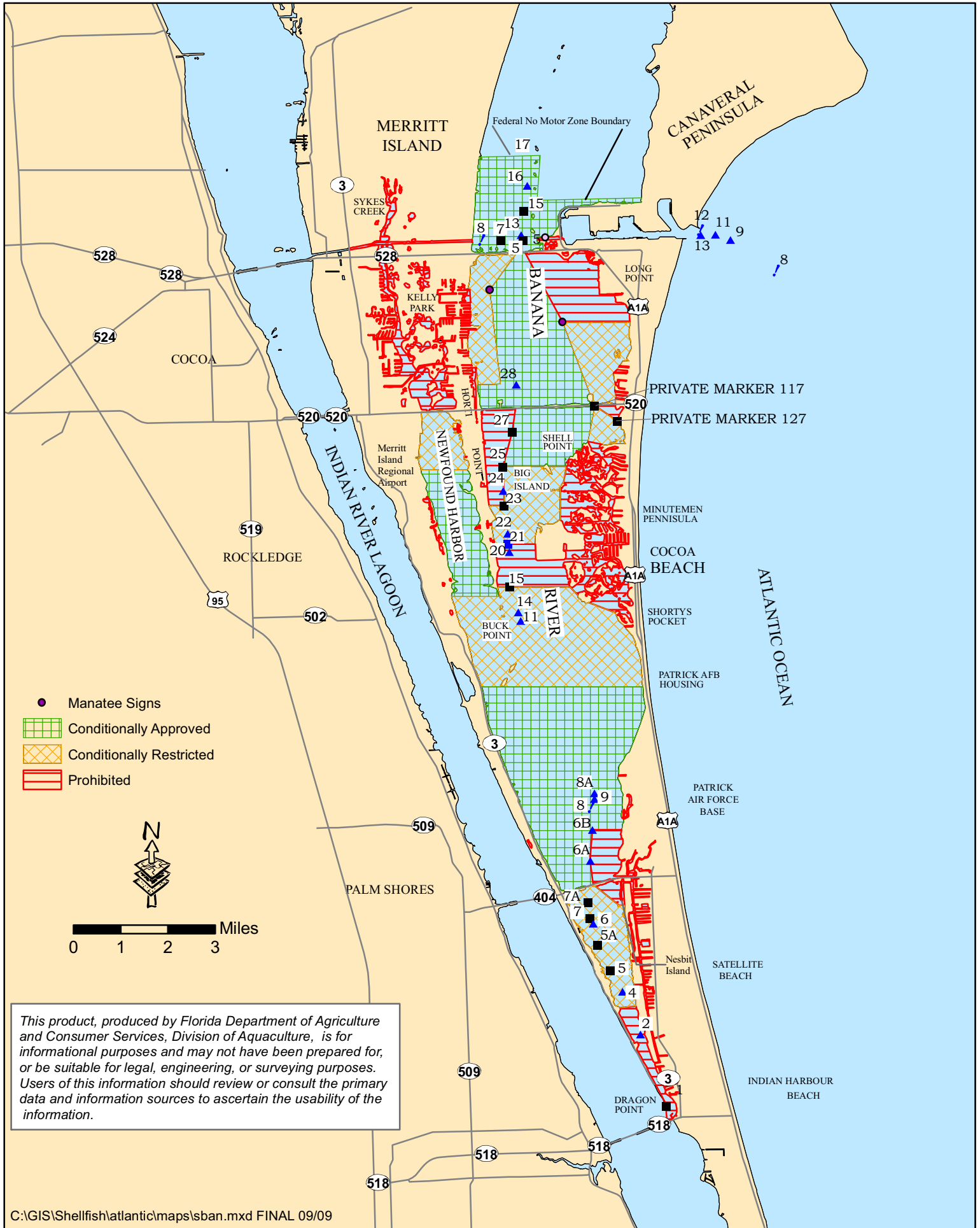


SHELLFISH HARVESTING AREA CLASSIFICATION MAP #78 (Effective: April 14, 2008)
 Body B (#78) Shellfish Harvesting Area in Brevard County



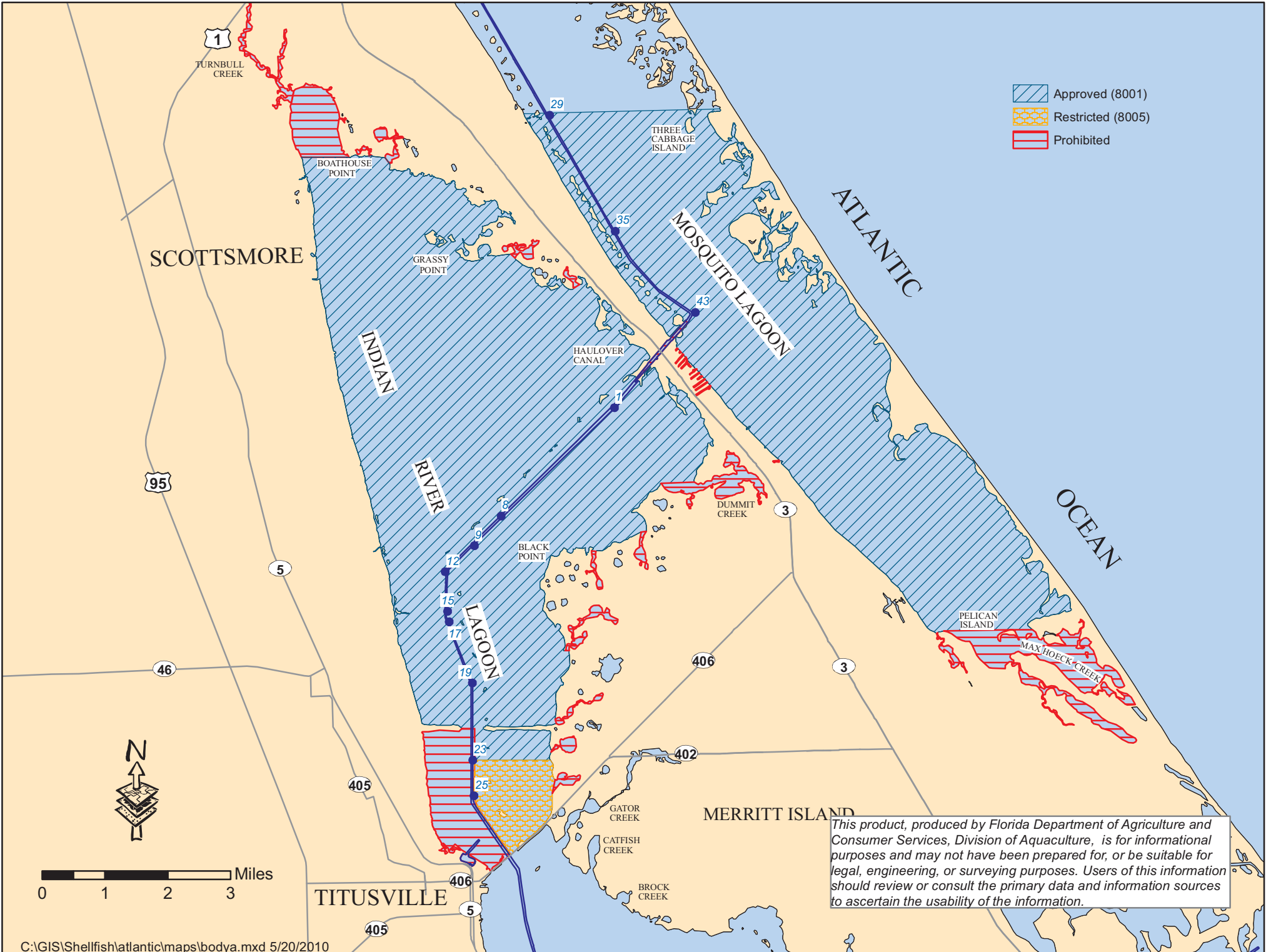
SHELLFISH HARVESTING CLASSIFICATION AREA MAP #79 (Effective: December 28, 2009)

South Banana River (#79) Shellfish Harvesting Area in Brevard County [Current status of this area](#)



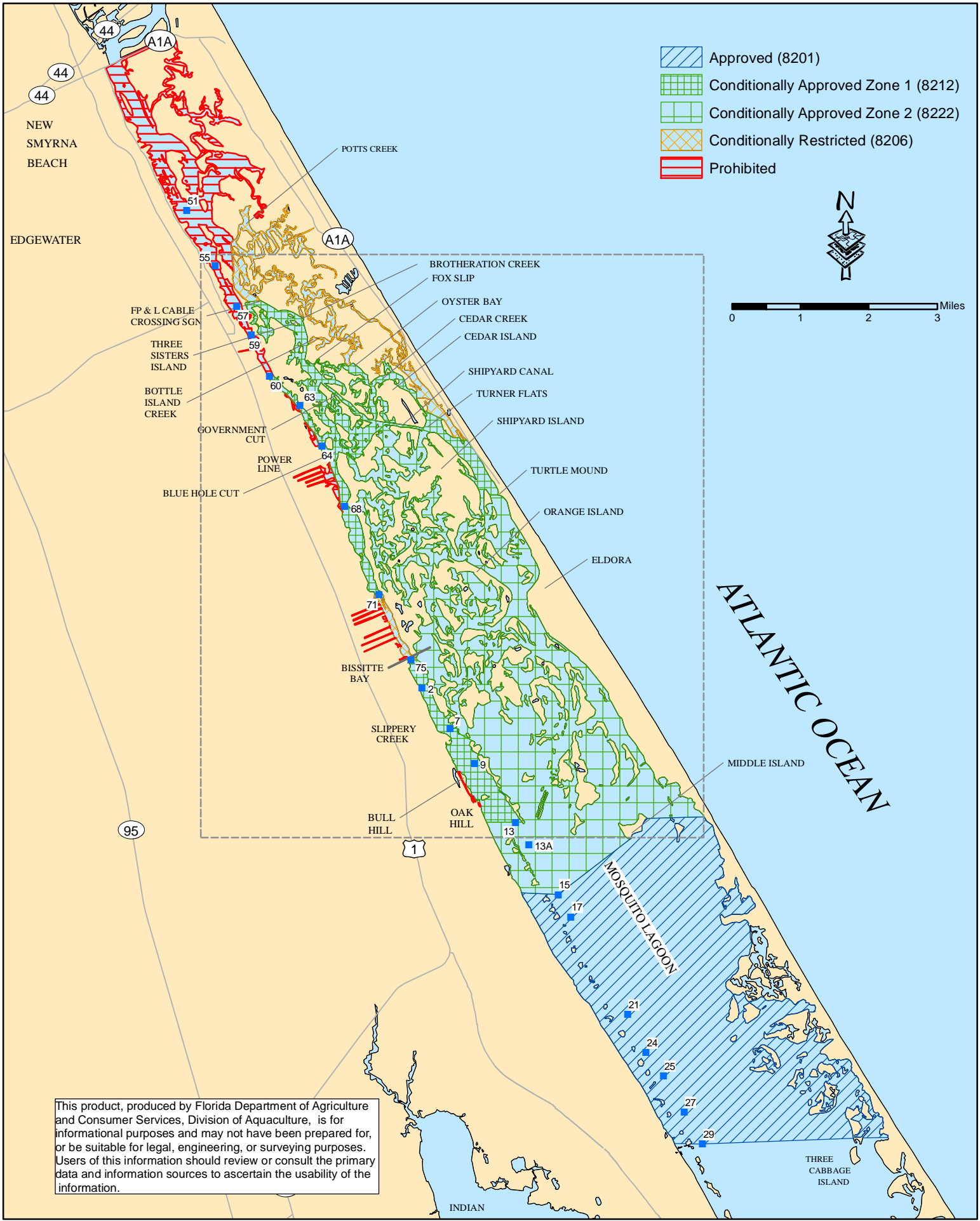
This product, produced by Florida Department of Agriculture and Consumer Services, Division of Aquaculture, is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Body A (#80) Shellfish Harvesting Area in Brevard County



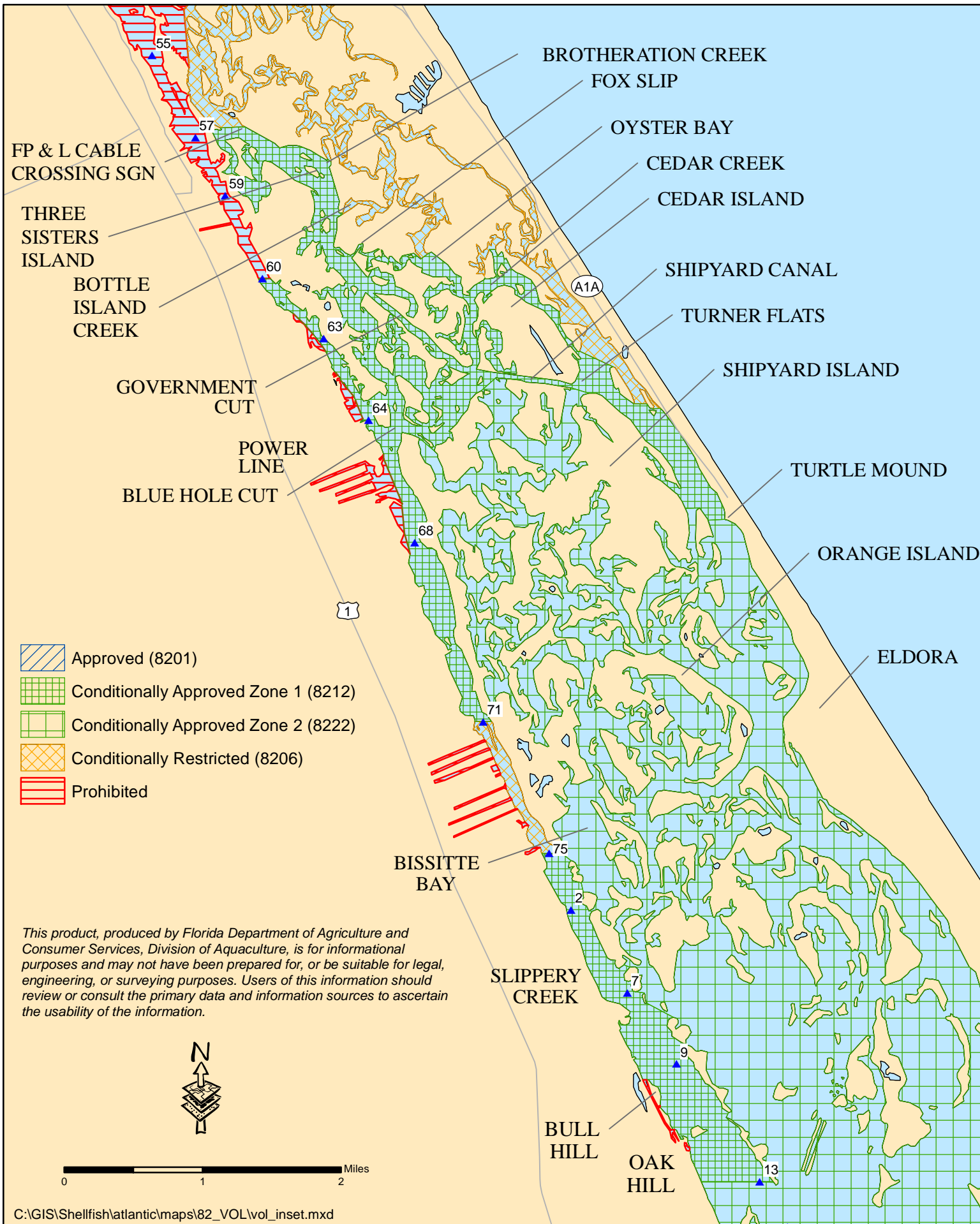
This product, produced by Florida Department of Agriculture and Consumer Services, Division of Aquaculture, is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

CURRENT SHELLFISH HARVESTING AREA CLASSIFICATION MAP #82 A (Effective: August 19, 2012) South Volusia (#82) Shellfish Harvesting Area in Volusia County

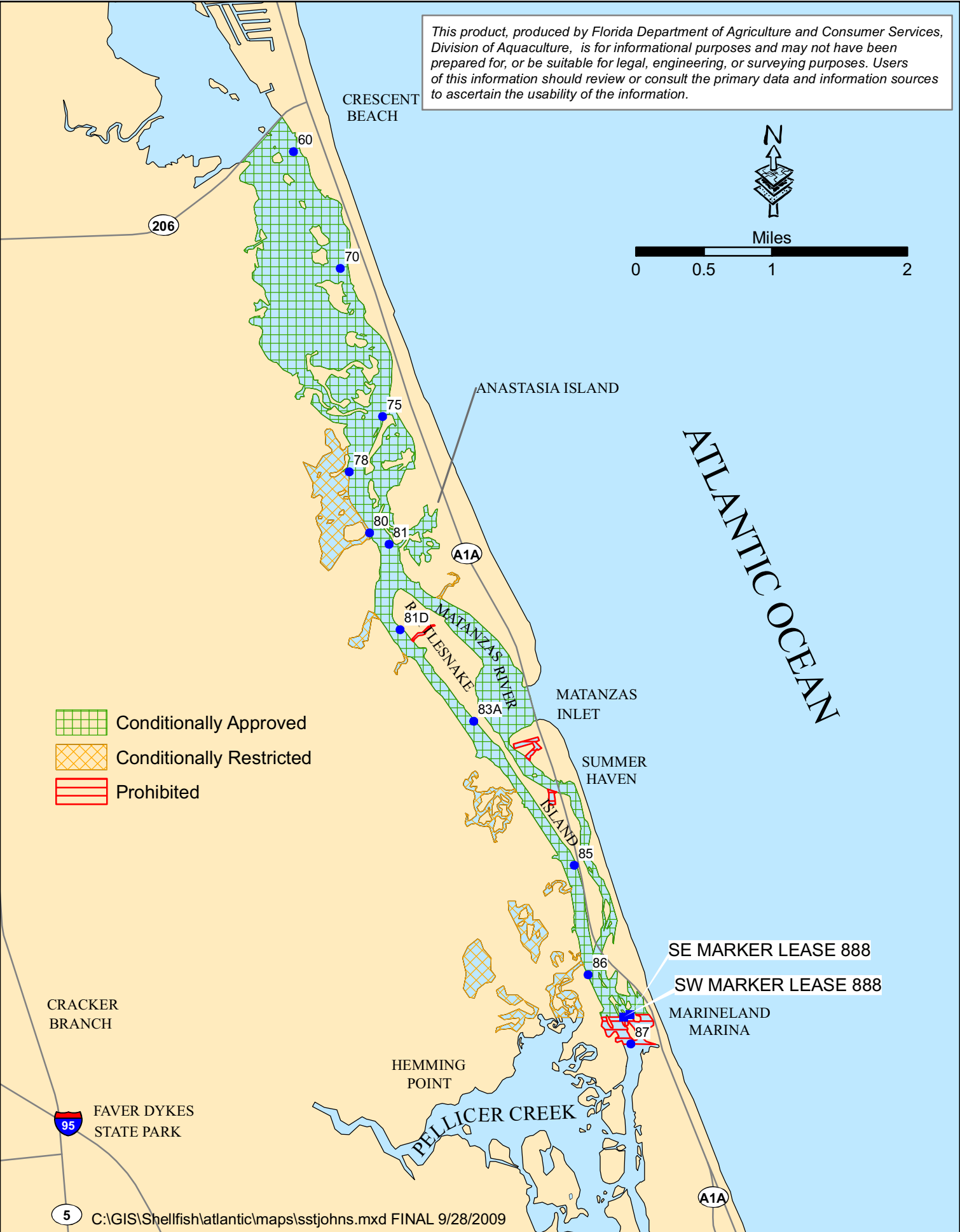


This product, produced by Florida Department of Agriculture and Consumer Services, Division of Aquaculture, is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

SHELLFISH HARVESTING AREA CLASSIFICATION MAP #82 B (Effective: August 19, 2012) South Volusia (#82) Shellfish Harvesting Area in Volusia County

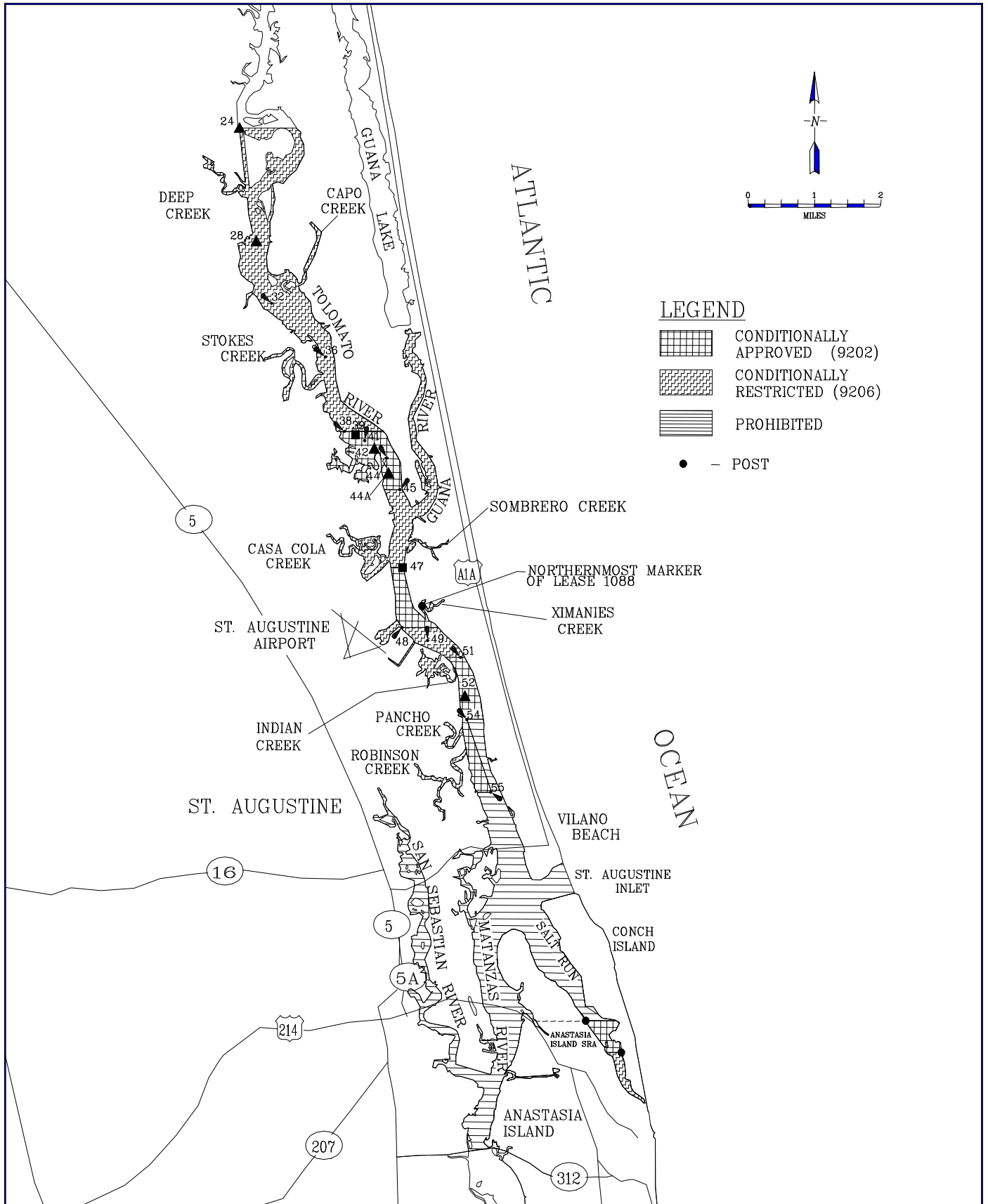


Current status of this area South St. Johns (#88) Shellfish Harvesting Area in St. Johns County



SHELLFISH HARVESTING AREA CLASSIFICATION MAP #92 (Effective: March 11, 2007)

North St. Johns (#92) Shellfish Harvesting Area in St. Johns County



SHELLFISH HARVESTING AREA CLASSIFICATION MAP #96 (Effective: January 31, 1996)
Duval County (#96) Shellfish Harvesting Area in Duval County

