INTERNATIONAL

NOAA COAST SURVEY

UNITED STATES - ATLANTIC COAST

STRAITS OF FLORIDA
EASTERN PART

Mercator Projection
Scale 1:500,000 at Lat. 25°30'

1st Ed., Jan. 2017 KAPP 421

INT 4149

DEPTHS IN METERS

NOAA encourages users to submit inquiries, discrepancies or comments about this chart at http://www.nauticalcharts.noaa.gov/staff/contact.htm.

NOTE S

Regulations for Ocean Dumping Sites are contained in 40 CFR, Parts 220-229. Additional information concerning the regulations and requirements for use of the sites may be obtained from the Environmental Protection Agency (EPA). See U.S. Coast Pilots appendix for addresses of EPA offices. Dumping subsequent to the survey dates may have reduced the depths shown.

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World Geodetic System 1984
(North American Datum of 1983)

DEPTHS IN METERS
AT MEAN LOWER LOW WATER

IALA Maritime Buoyage System - Region B

Additional information can be obtained at nauticalcharts.noaa.gov.

HEIGHTS

Heights in meters above Mean High Water.

For Symbols and Abbreviations see Chart No. 1

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 4. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Florida, or at the Office of the District Engineer, Corps of Engineers in Jacksonville, Florida.
Refer to charted regulation section numbers.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 do not require conversion to NAD 83 for plotting on this chart.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, U.S. Coast Guard, British Admiralty and National Geospatial-Intelligence Agency.

NOTE B
RESTRICTED AREA

The restricted area is one of one mile radius centered on the east end of Number 2 Jetty. Vessels entering or leaving Freeport Harbor should keep well clear of the Borco Oil Terminal and should not pass between the oil jetties and the shore. No other vessels should enter the restricted area unless authorized to do so. Anchoring within the restricted area is prohibited. For further information see Admiralty Sailing Directions.

NOTE C
PRECAUTIONARY AREA

An outer precautionary area of two miles radius surrounds the one mile radius restricted area centered on the east end of Number 2 Jetty. Vessels not intending to enter Freeport Harbor should remain outside of this two mile area. For further information see Admiralty Sailing Directions.

NOTE E
FIRING PRACTICE AREA

A firing range extends in a rectangular area 9 miles west and 8.5 miles south of the entrance to Coral Harbor. Its use is indicated by the display of red flags or red lights. See Bylaws, Annual Notice to Mariners Number 5 and Admiralty List of Radio Signals.

HURRICANES AND TROPICAL STORMS

Hurricanes and tropical storms disturb objects on the sea floor and cause considerable damage to offshore structures, aids to navigation and moored vessels resulting in extensive debris being submerged in unknown locations. Wrecks and submerged obstructions may have been displaced from charted locations, and pipelines may have become uncovered or moved due to the force of storm surge. Aids to navigation may not be reliable immediately following such storms. Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard Unit.

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
◯ (Accurate location) ○ (Approximate location)

ZOC CATEGORIES
(Refer to Chapter 1, United States Coast Pilot)

ZOC	DATE	SEAFLOOR COVERAGE
D	-	Large depth anomalies may be expected.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 4 for important supplemental information.

AIDS TO NAVIGATION

Consult the U.S. Coast Guard Light List for supplemental information concerning aids to navigation.
See National Geospatial-Intelligence Agency List of Lights and Fog Signals for information not included in the U.S. Coast Guard Light List.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

PARTICULARLY SENSITIVE SEA AREA

The Particularly Sensitive Sea Area (PSSA) is indicated by a dashed green limiting line highlighted with a green screened band or by a green screened band used in conjunction with the line symbol for other limits with which the PSSA coincides. A PSSA is an environmentally sensitive area around which mariners should exercise extreme caution. See U.S. Coast Pilot volumes for information regarding this area.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

NOTE D
PROHIBITED AREAS
(Areas to be avoided)

Under the Florida Keys National Marine Sanctuary and Protection Act, Pub. L. 101-605 and IMO advisory SN/Circ. 145, these areas are to be avoided by tank vessels and vessels greater than 50 meters in length.

CAUTION

The charted position, size, shape and orientation of the islands and banks in the Bahama Islands, Cy S below Riding Rocks, are unreliable.

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging or trawling.
Covered wells may be marked by lighted or unlighted buoys.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS

Radar Reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

RACING BUOYS

Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not listed in the U.S. Coast Guard Light List.

NOTE

The Traffic Separation Scheme on this chart is approved by the International Maritime Organization (IMO).

NOTE X

Within the 12-nautical mile Territorial Sea, established by Presidential Proclamation, some Federal laws apply. The Three Nautical Mile Line, previously identified as the outer limit of the territorial sea, is retained as it continues to depict the jurisdictional limit of other laws. The 9-nautical mile Natural Resource Boundary off the Gulf coast of Florida, Texas, and Puerto Rico, and the Three Nautical Mile Line elsewhere remain in most cases the inner limit of Federal fisheries jurisdiction and the outer limit of the jurisdiction of the states. The 24-nautical mile Contiguous Zone and the 200-nautical mile Exclusive Economic Zone were established by Presidential Proclamation. Unless fixed by treaty or the U.S. Supreme Court, these maritime limits are subject to modification.

CUBA

NORTH ATLANTIC OCEAN

GRAND BAHAMA ISLAND

LITTLE BAHAMA BANK

GREAT ABACO ISLAND

NORTHWEST PROVIDENCE CHANNEL

NORTHEAST PROVIDENCE CHANNEL

FLORIDA BAY

FLORIDA KEYS

FLORIDA REEF

STRAITS OF FLORIDA

BISCAYNE BAY

LARGO SOUND

CARYSFORT REEF

SAN NICOLAS CHANNEL

OLD BAHAMA CHANNEL

GREAT SANTAREN CHANNEL

SALT BANK

ANDROS

NORTH BIGHT

MIDDLE BIGHT

SOUTH BIGHT

THE GUEOF

THE OCEAN

Lily Bank

Matanilla Shoal

Middle Shoal

Matanilla Reef

White Sand Ridge

Barracuda Bank

Carter Bank

Northwest Harbour

Tom Johnson Sound

Double Breaster Bars

Mackie Shoal

Mackie Bank

Elbow Bank

Ginngerbread Ground

Moselle Shoal

Henry Bank

Rocky Shoal

Hurricane Flats

Bahia de Buena Vista

Bahia San Juan de los Remedios

Cayo Coco

Cayo Guillermo

Cayo Santa Maria

Bajos Las Almedinas

Cayo Lanzanillo

Cayo Palmas

Cayo Megano Chico

Arrecife Nicolao

Cayo Alcaravan

Cayo Verde

Pta Frenes

Pta Gorda

Pta Galusi

Pta Brava

Pta Tarafa

Pta Tocororo

Pta Hicacal

Pta Nortico

Pta Roca Hinson

Boca de Marcos

Bahia Mustelal

Caibarien

Rocky Heads

Lavanderas

Lavanderas Rks

Cay Sal

Cay Sal Bank

Inshore Traffic Zone

Explosives Dumping Ground (disused)

Unexploded ordnance Rep (1977)

Unexploded bombs Rep (1967)

Obstn Rep (2014)

Rep (2006)

Obs Spot (astro)

Rep (1964)

Wreck (depth unknown)

Wreck PA

Obstn PA

Obstn

Foul

Foul Areas

Co MAGNETIC

VAR 07°45'W (2017)

ANNUAL INCREASE 6'

Spoil Ground

Dump Site (Dredged material see note S)

Dump Site (Undredged material see note S)

Dump Site (Unspecified material see note S)

Dump Site (Unspecified material)

Aero RC 356 kHz (PB)

Aero RC 365 kHz (MF)

Aero RC 395 kHz (PB)

Aero RC 414 kHz (PB)

Aero RC 1400 kHz (WIRA)

Aero RC 1450 kHz (WSTU)

Aero Al WG

Aero Al WG PA

Aero Al WG Priv

Racon (T)

Racon (M)

Racon (O)

Ra Beacon

Ra Reflector

Ra Target

Ra Trans

Loran C

Chain

Cable

Pipeline

Pipeline Area

Submarine Area

Submarine Cable

Submarine Pipeline

Submarine Pipeline Area

Tunnel

Ferry Route

Bridge

Causeway

Ldg Lts

Ldg Mks

Ldg Line

Range

Rec Trail

Trail

Trail Head

Campground

Picnic Area

Park

Cem

Church

Chy

Mon

Tank

Tower

Windmill

Ruins

Radio Mast

Radio Tower

Radio Station

Radio Twr

Stack

Flare

Fish Haven

Fish Trap

Fish Stake

Fishing Area

Fishing Prohibited

Fishing Restricted

Fishing Grounds

Fish Pt

Fish Cays

Fish Farm

Fish Pen

Fish Weir

Oyster Bed

Oyster Farm

Oyster Grounds

Oyster Leases

Oyster Prohibited

Oyster Restricted

Shellfish Bed

Shellfish Farm

Shellfish Grounds

Shellfish Leases

Shellfish Prohibited

Shellfish Restricted

Clam Bed

Clam Farm

Clam Grounds

Clam Leases

Clam Prohibited

Clam Restricted

Mussel Bed

Mussel Farm

Mussel Grounds

Mussel Leases

Mussel Prohibited

Mussel Restricted

Scallop Bed

Scallop Farm

Scallop Grounds

Scallop Leases

Scallop Prohibited

Scallop Restricted

Crab Pot

Crab Pot Area

Crab Pot Prohibited

Crab Pot Restricted

Lobster Pot

Lobster Pot Area

Lobster Pot Prohibited

Lobster Pot Restricted

Turtle Pot

Turtle Pot Area

Turtle Pot Prohibited

Turtle Pot Restricted

Eel Pot

Eel Pot Area

Eel Pot Prohibited

Eel Pot Restricted

Conch Pot

Conch Pot Area

Conch Pot Prohibited

Conch Pot Restricted

Whelk Pot

Whelk Pot Area

Whelk Pot Prohibited

Whelk Pot Restricted

Shrimp Pot

Shrimp Pot Area

Shrimp Pot Prohibited

Shrimp Pot Restricted

Trap

Trap Area

Trap Prohibited

Trap Restricted

Net

Net Area

Net Prohibited

Net Restricted

Seine

Seine Area

Seine Prohibited

Seine Restricted

Trawl

Trawl Area

Trawl Prohibited

Trawl Restricted

Dredge

Dredge Area

Dredge Prohibited

Dredge Restricted

Kelp

Kelp Area

Kelp Prohibited

Kelp Restricted

Seaweed

Seaweed Area

Seaweed Prohibited

Seaweed Restricted

Coral

Coral Area

Coral Prohibited

Coral Restricted

Sponge

Sponge Area

Sponge Prohibited

Sponge Restricted

Shoal

Sand bars

Middle Ground

Yellow Bank

White Bank

Sand Rk

Scott Rks

Cecil Rks

Wolf Rks

Copper Rk

Lanks Nest

Conch Spit

Big Mangrove

Pelican Harbour

Spencer's Bight

Little Harbour

Cherokee Sound

Cherokee Pt

Moors I

Mores Island Channel

Man O'War Cay

Fish Cay

Long Cay

Hog Cay

Sheep Cay

Money Cay

Nicholls Town

Mastic Pt

Mastic Cay

Rum Cay

Sugar Rk

Salvador Pt

Cargill Cr

Sandy Cay

Big Wood Cay

Pine Cay

Little Loggerhead Cr

Sapodilla Cay

Middle Bight Cay

Mangrove Cay

Alcorine Cay

Duncan Pt

Fifteen Foot Cay

Deep Hole

Red Shank Pt

Deep Creek

Little Creek

Cormorant Pt

Rock Sound

North Rk

Hawksbill

Leaf Cay

Well Cay

Pigeon Cay

Saddleback Cays

Sister Rks

Dolly's Cay

Conch Sound

Haines Channel

Billy Williams

(use US Chart 11460)

London Cr

Shaffers Cr

Orange River

Yellow Cay

Chalk Sound

Old Fort Pt

Simms Pt

Clifton Pier

NASSAU

New Providence I

Paradise I

Paradise Harbour

Nassau Harbour

Prince Area

Cross Harbour Pt

Lantern Head

Rocky Pt

Gallicot Pt

Bamboo Pt

Two Sisters Pt

Tony Cays

Cedar Cays

Cormorant Pt

Gordon Pt

Gordon Cay

Gorda Cay

Crab Cay

Bullocks Harbour

Great Stirrup Cay

Great Harbour

Holmes Cay

Devil's Cay

Comfort Cay

High Cay

Bond's Cay

Whale Cay

Green Bush

Fish Cays

Northeast Channel

Umbrella Cay

Pensacola Cay

Powell Cay

Frazer Cay Channel

Strangers Cay

Barracuda Rocks Channel

Great Sale Cay

Little Sale Cay

Four Areas

Four Areas 2

Four Areas 3

Four Areas 4

Four Areas 5

Four Areas 6

Four Areas 7

Four Areas 8

Four Areas 9

Four Areas 10

Four Areas 11

Four Areas 12

Four Areas 13

Four Areas 14

Four Areas