INLET SUMMARY SHEET

SITE:  Port Everglades, Broward County, Florida

DATE AND TIME SURVEYED (TIDE):  24 June 1994; 1530  [Low @ 1533 (-0.6); Port Everglades, Turning Basin]

RANKING (DEGREE OF DIFFICULTY):  (see ranking scale) C.

PRINCIPAL RESOURCES AT RISK:
Atlantic green turtles and Atlantic loggerhead turtles nest on outer beaches. Manatees present. Seabirds. Patches of mangroves along the Intracoastal Waterway. Port and marina facilities, boats, and seawalls, revetments, docks, etc. along the Waterway. Power plant intakes.

PRELIMINARY PROTECTION STRATEGY:
Divert oil entering the Port through the marginal flood channels to collection points on the outer sand beaches (CPs 1 and 2). Use deflection boom to divert oil to the sand beach on the inlet shoreline adjacent to the landward end of the north jetty (CP3) and protect the shoreline of the U.S. Naval Reservation with boom. Extend a line of deflection boom from the northwest shoreline of the Naval Reservation, south, across the Intracoastal Waterway channel to divert oil into the turning basin of the Port. Use additional lines of deflection boom to divert oil away from the Florida Power and Light (FPL) intake canal to a collection point in the southwest corner of the turning basin (CP4) and boom off the intake canal with boom as a precautionary measure. Use several other lines of deflection boom in the turning basin to divert oil to collection points inside the northern two ship canals of the Port (CPs 7 and 8) and to collection points in the northwest corner of the turning basin (CPs 9 and 10).
SITE: Port Everglades, Broward County, Florida (continued)

PRELIMINARY PROTECTION STRATEGY (continued):
Divert oil entering the Intracoastal Waterway to the south of the Port to a collection point in a small boat basin along the mainland shoreline (CP5). If entrainment is anticipated, use another line of boom to divert oil to a collection point on the mainland shore immediately north of the FPL discharge canal. This canal and adjacent mangrove shoreline should be protected by boom.

OTHER COMMENTS:
The 1994 NOAA Tidal Current Tables report that tidal currents between the jetties at the entrance to Port Everglades reach 0.6 knots at maximum flood tide and 0.7 knots at maximum ebb tide. The 1989 NOAA Coastal Pilot reports that flood and ebb currents can reach 3-4 knots at times.
Site Information Record

Inlet: Port Everglades
Recorder(s): RI, FM
Date/Time: 7/03/94; 1430
Site Name/#: South Jetty Collection Site; #1
Site Type(s): Manual / Mechanical Collection
Contact Information: Naval Surface Warfare Center, OIC LCDR M. Ruddeforth, (305)926-4000
Relative Location: South jetty of Port Everglades Inlet
Address: 6503 N.Ocean Dr., Dania, FL 33004
Directions from Miami: I-95 North exit Sheridan (Rt. 822) east to A1A north make left, proceed through park entrance and go all the way to the end
Latitude: 26° 05.5'  Longitude: 80° 06.6'
Water Depth Description: 2' depth @ 20' off beach, 4'-6' depth @ 50'; 2'-3' average tidal range
Current / Tide Information: 1-3 knots along shore; 2'-3' average tidal range
Shoreline Description: Sand beach, rip-ap
Access Description: Paved to 10' high barbed wire fence with boardwalk on other side and water just below
Support Equipment / Facilities: Possibly the facilities of the Naval Surface Warfare Center (power, water, lavatories, etc)
Additional Comments: Moderate to heavy winds can cause heavy wave action off of this particular site

LEGEND

Salt-Water Marsh

Mangroves

Riprap

Sand beach

Collection Point

-Sketch-

Port Everglades Inlet
Naval Surface Warfare Center
(paved)
(grass)
Boardwalk

Scale (yards)
0
250
Site Information Record

Inlet: Port Everglades

Recorder(s): RI, FM

Date/Time: 7/03/94; 1500

Site Name/#: North Jetty Collection Site; #2

Site Type(s): Manual / Mechanical Collection

Contact Information: Point of America Condominium (bldg 1, 2), (305)522-5446, 525-8688

Relative Location: North jetty of Port Everglades inlet

Address: 2200 S.Ocean Ln., Ft. Lauderdale, FL

Directions from Miami: I-95 north exit Rt. 595 east to US 1 north make left, go to S.E 17th St make right, go to Mayan Dr make right, go to Ocean Ln., make right, go to end

Latitude: 26°05.8'  Longitude: 80°06.4'

Water Depth Description: 2’ depth @ 20’ off beach, 4’-6’ depth @ 50’; 2’-3’ average tidal range

Current/Tide Information: 1-2 knots along shore; 2’-3’ average tidal range

Shoreline Description: Sand beach, rip-rap

Access Description: Paved to soft sand beach for 100 yd. to waters’ edge

Support Equipment/Facilities: Possibly the facilities of the Point of America Condominiums (power, water, paved parking, etc.)

Additional Comments: Moderate to heavy winds can cause heavy wave action off of this particular site

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Sketch:

Legend:

- Salt-Water Marsh
- Mangroves
- Riprap
- Sand beach

Collection Point

Scale (yards)
Site Information Record

Inlet: Port Everglades       Recorder(s): RI, FM       Date/Time: 7/03/94; 1500
Site Name/#: North Inside Beach Collection Site; #3
Site Type(s): Mechanical Collection
Contact Information: Sky Harbor East Condominium, (305)522-2801, 463-8182
Relative Location: 1/4 mile west of north jetty of Port Everglades Inlet
Address: 2100 S.Ocean Dr., Ft. Lauderdale, FL.
Directions from Miami: I-95 North exit Rt. 595 east to US 1 north make left, go to SE 7th St.
make right, go to Mayan Drive make right, go to Ocean Drive, make right, go to end
Latitude: 26° 05.7'       Longitude: 80° 06.5'
Water Depth Description: 2' depth @ 20' off beach, 4' depth @ 50'; 2'-3' average tidal range
Current/Tide Information: 1-3 knots along shore; 2'-3' average tidal range
Shoreline Description: Sand beach, rip-rap
Access Description: Paved to soft sand beach for 30 yards to waters' edge
Support Equipment/Facilities: Possibly the facilities of the Sky Harbor East Condominiums
(power, water, etc.)
Additional Comments:

LEGEND

Salt-Water Marsh

Mangroves

Riprap

Sand beach

Collection Point

-Sketch-

Scale (yards)

0 250
Site Information Record

Inlet: Port Everglades
Recorder(s): RI, FM
Date/Time: 7/03/94; 1200

Site Name/#: South Extension / Pier 5 Collection Site; #4
Site Type(s): Mechanical Collection, Primary Staging

Contact Information: Port Everglades Port Authority, (305)523-3404

Relative Location: South extension / Pier 5.
Address: Port Everglades, 1850 Eller Dr., Ft. Lauderdale, FL 33316

Directions from Miami: I-95 north exit Rt. 595 east to Port Everglades, follow signs to main entrance gate

Latitude: 26°05.1' Longitude: 80°07.2'

Water Depth Description: 35' depth off bulkhead

Current/Tide Information: 0-1 knot inside the south extension

Shoreline Description: Concrete bulkhead

Access Description: Paved to bulkhead (8'-10' freeboard)

Support Equipment/Facilities: All port facilities (cranes, forklifts, paved storage, covered storage, power, water, etc.)

Additional Comments: Logistically and operationally an excellent site

LEGEND

Salt-Water Marsh

Mangroves

Riprap

Sand beach

Collection Point

-Sketch-

Scale (yards) 0 500

Slip #3, FPL Intake
Gantry Cranes

# 4 South Extension (Paved)
Site Information Record

Inlet: Port Everglades
Recorder(s): RI, FM
Date/Time: 7/03/94; 1330

Site Name/#: Hvide Collection Site; #5, #6
Site Type(s): Mechanical Collection, Primary Staging
Contact Information: Port Everglades Port Authority (305) 523-3404
Relative Location: Basin next to Hvide Towing Office Bldg. (just south of Pier 9)
Address: Port Everglades, 1850 Eller Dr., Ft. Lauderdale, FL 33316
Directions from Miami: I-95 North exit Rt. 595 east to Port Everglades, proceed to basin next to Hvide office building (just south of Pier 9).
Latitude: 26°05.0’  Longitude: 80°07.0’
Water Depth Description: 28’ depth in basin
Current/Tide Information: 0-1 knot inside basin
Shoreline Description: Concrete bulkhead
Access Description: Paved to bulkhead (8’-10’ freeboard)
Support Equipment/Facilities: All port facilities (cranes, forklifts, paved storage, covered storage, power, water, etc.)
Additional Comments: Logistically and operationally an excellent site.
Site Information Record

Inlet: Port Everglades  Recorder(s): RI, FM  Date/Time: 7/03/94; 1230
Site Name/#: Slip 1 & 2 Collection Site; #7, #8
Site Type(s): Mechanical Collection, Primary Staging
Contact Information: Port Everglades Port Authority, (305) 523-3404
Relative Location: Slip 1 & 2 (north and central basin)
Address: Port Everglades, 1850 Eller Dr., Ft. Lauderdale, FL 33316
Directions from Miami: I-95 north exit Rt. 595 east to Port Everglades, follow signs to main entrance gate
Latitude: 26°05.6'  Longitude: 80°07.3'
Water Depth Description: Slip #2: 43' depth off bulkhead, Slip #1: 36' depth off bulkhead
Current / Tide Information: 0-1 knot inside slips
Shoreline Description: Concrete bulkhead
Access Description: Paved to bulkhead (8'-10' freeboard)
Support Equipment / Facilities: All port facilities (cranes, forklifts, paved storage, covered storage, power, water, etc.)

Additional Comments: Logistically and operationally an excellent site

LEGEND

Salt-Water Marsh

Mangroves

Riprap

Sand beach

Collection Point

-Sketch-

Scale (yards)

0 500
Site Information Record

Inlet: Port Everglades  
Recorder(s): RI, FM  
Date/Time: 7/03/94; 1300

Site Name/#: Cruise Docks / Pier 6 Collection Site; #9, #10
Site Type(s): Mechanical Collection, Primary Staging

Contact Information: Port Everglades Port Authority, (305) 523-3404

Relative Location: Cruise Docks / Pier 6 (100 yards west of 17th St. Bridge)

Address: Port Everglades, 1850 Eller Dr., Ft. Lauderdale, FL 33316

Directions from Miami: I-95 North exit Rt. 595 east to Port Everglades. Follow signs to main entrance gate

Latitude: 26°05.9'  
Longitude: 80°07.3'

Water Depth Description: 25' depth off bulkhead

Current/Tide Information: 0-1 knot at the collection point

Shoreline Description: Concrete bulkhead, paved RO/RO ramp

Access Description: Paved to bulkhead (4' freeboard at ramp, 8' at bulkhead)

Support Equipment/Facilities: All port facilities (cranes, forklifts, paved storage, covered storage, power, water, etc.)

Additional Comments: Logistically and operationally an excellent site

LEGOEND

Salt-Water Marsh

Mangroves

Riprap

Sand Beach

Collection Point

-SKETCH-

Marina / Hotel

S.E 17th St. Bridge

#10

#9

Offices

RO/RO Ramp

Cruise Ship Docks

North Basin

Scale (yards)
Site Information Record

Inlet: Port Everglades

Recorder(s): RI, FM

Date / Time: 7/03/94; 1400

Site Name / #: John U. Lloyd Launch Site

Site Type(s): Launch, Secondary Staging

Contact Information: John U. Lloyd Beach State Recreation Area, (305) 923-2833.

Relative Location: East bank of Intercoastal Waterway due east of Hvide offices (at the mouth of Whiskey Creek).

Address: 6503 N.Ocean Dr., Dania, FL 33004

Directions from Miami: I-95 North exit Sheridan (Rt. 822) east, to A1A north make left, proceed through park entrance and go until you see the boat ramp on your left

Latitude: 26°04.8'  Longitude: 80°06.8'

Water Depth Description: 3'-4' depth off ramp

Current / Tide Information: 0-1 knot off ramp; 2'-3' average tidal range

Shoreline Description: Paved ramp, mangroves across river

Access Description: Paved to water

Support Equipment / Facilities: Light, 2 acre lot (paved), small docks

Additional Comments: An excellent launch / staging site

LEGEND

Salt-Water Marsh

Mangroves

Riprap

Sand beach

Collection Point

-Sketch-

Scale (yards)

0 250
Port Everglades at low tide on 19 June 1994.