ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 29 / SEPT / 2000 Load Numbers 01-2

Area(s) Worked 27°42 N 82°36 W STA 107+00 to 004+00

Weather Conditions (incl. sea conditions) P CLOUDY BEAUFORT 2-3 WINDS NE ⇒ SSW 5-10

Range of Water Temp., Surface 83° F Below Mid-Depth 83° F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SAND, SILT, CRUSHED SHELL & ROCK. VERY LITTLE DEBRIS.

BY CATCH INCLUDES: 34 HORSE SHOE CRABS, ATLANTIC WINGED OYSTER, MOON SNAILS, BRITTLE STARS, BURROWING SEA STARS, KEYHOLE URCHINS, S. STINGRAY, COMMON ATLANTIC ANGER, LETTERED OLIVE, TRUE & BANDED TULIPS, HORSE CONCH, FIGHTING CONCH, LIGHTNING WHELK, SEA WHIP, COCKLES, PONDEROUS ARKS, QUAHOGS, TELLINS, PEN SHELLS, AND POLYCHAETES.

ONE JUVENILE CARETTA CARETTA WAS SIGHTED IN THE DIG AREA.

BOX TOPS WERE CLOSED DURING LOAD # 3, AS THERE WAS SOME OVERFLOW OF BOXES DURING LOADS 1 & 2. HAD TO BE OPENED DURING LOAD. OVERFLOW SCREENING IS ALSO IN PLACE IN FORWARD ~~WEIRS~~ WIERS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
CARETTA CARETTA	1 (JUV)	0745 / DAY MARKER # 1 / SURFACED

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 30 / SEPT / 2000 Load Numbers 3 - 7

Area(s) Worked 27°42 N 82°36 W STA 107 too to 004 too

Weather Conditions (incl. sea conditions) P.CLOUDY BEAUFORT. 2-3 WINDS: NE 10-20

Range of Water Temp., Surface 84°F Below Mid-Depth 84°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SAND, SILT, CRUSHED SHELL & ROCK. VERY LITTLE DEBRIS - CLOTH, TIRES, PLASTIC, ROPES & CANS.

BI-CATCH: 113 HORSE SHOE CRABS, BRITTLE STARS, S. STINGRAYS, CATFISH, LIGHTNING WHELKS, HORSE CONCHS, FIGHTING CONCHS, OLIVES, BANDED & TRUE TULIPS, SLIPPERS, QUAHOGS, SEA WHIPS, FEATHERY BRYOZOA, KEYHOLE URCHINS, FAN WORMS, CHRISTMAS TREE WORMS, BLUE CRABS, BABYS EAR, COCKLES, SEA TURTLE EPIPLASTRON - BROKEN CLN FLESH, BLACKENED - NOT ASSOCIATED W/THIS DREDGING ACTIVITY.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
CHELONIA MYDAS MYDAS	1 (JUV)	1010 / 100 FT W/S CHANNEL / SURFACED
STINGRAY	3	1530 & 1710 / CHANNEL / PORT SIDE OF SHIP

Observer(s) on duty K. DAHLEN & C. CARR

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

WEEKLY SUMMARY

Dates 29 / SEPT / 2000 - 30 / ~~OCT~~ SEPT / 2000 Load Numbers 01-07

Range of Water Temp., Surface 83-84° F Below Mid-Depth 83-84°F

Areas Worked (lat/longs, stations) 27°42 N 82°76 W STA 107 ^too & 004 ^too

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK. VERY LITTLE DEBRIS - TIRES, SCRAP METAL, CLOTH, ROPE, PLASTIC, FISHING LINE & CANS.

BY-CATCH: 147 HORSE SHOE CRABS, BLUE CRABS, BRITTLE STARS, ARMORED STARS, S. STINGRAYS, CATFISH, LIGHTNING WHELKS, HORSE CONCHS, FIGHTING CONCHS, OLIVES, ~~TEL~~ TRUE & BANDED TULIPS, SLIPPERS, QUAHOGS, SEA WHIPS, FEATHERY BRYOZOA, KEYHOLE URCHINS, FAN WORMS, CHRISTMAS TREE WORMS, BABYS EAR, COCKLES, COMMON ATLANTIC AUGER, PONDEROUS ARKS, TELLINS, PEN SHELLS, POLYCHAETES, BROKEN SEA TURTLE EPIPLASTRON (NO FLESH ATTACHED, BLACKENED - CANNOT BE ASSOCIATED W/THIS DREDGING ACTIVITY)

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
29 / 09	CARETTA CARETTA 1 JUV	SURFACED @ DAY MARKER 1
30 / 09	CHELONIA MYDAS MYDAS 1 JUV	SURFACED 100 FT °/S CHANNEL
30 / 09	STINGRAY - 3	SWIMMING IN CHANNEL
/		
/		
/		
/		

Observers on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 01 / OCT / 2000 Load Numbers 8 - 11

Area(s) Worked 27°42 N 82°36 W STA 107+00 to 004+00

Weather Conditions (incl. sea conditions) PCLOUDY BEAUFORT 2-3 NNE 10-20

Range of Water Temp., Surface 84°F Below Mid-Depth 84°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK, WITH VERY LITTLE DEBRIS. DEBRIS INCLUDES: TIRES, CABLE, ROPE, FISHING LINE, PLASTIC, ALUM. CANS, CLOTH, DIVE FLAG, METAL. DRAG HEADS PLUGGED W/ ROCKS/CABLE/ROPE

BY-CATCH: 38 HORSE SHOE CRABS, 14 STINGRAYS, PORCELAIN CRABS, QUAHOGS, TELLINS, JINGLES, SCUPPERS, AUGERS, OLIVES, BARNACLES, LIGHTNING WHELKS, FIGHTING CONCHS, HORSE CONCHS, BRITTLE STARS, ARMORED STARS, SEA PORK, SEA WHIPS, MANTIS SHRIMP, BLUE CRABS, PONDEROUS ARCS, POLYCHAETES, OLIVES, TULIPS, ~~SEA PORK~~, SPONGE, PEN SHELLS, PURSE CRABS, CHRISTMAS TREE WORMS, FAN WORMS, TELLINS, JINGLES, AUGERS, ARMORED STARS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 02 / OCT / 2000 Load Numbers 12-15

Area(s) Worked 27°42N 82°36W 1071hrs to 0041hrs

Weather Conditions (incl. sea conditions) P CLOUDY, SW 5-10 BSS 3

Range of Water Temp., Surface 84°F Below Mid-Depth 84°F

Condition and Effectiveness of Screening GOOD - REPAIRS MADE TO PS STARBOARD END TURTLE BOX (SOME GRATING LOOSENED BY ROCKS)

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK. LITTLE DEBRIS. BY-CATCH INCLUDES: 58 HORSE SHOE CRABS, STING RAYS, BRITTLE STARS, OLIVES, HORSE CONCHS, FIGHTING CONCHS, QUAHOGS, SEA WHIP, SPONGE TULIPS, POLYCHAETES, CATFISH, SEA STARS, LIGHTNING WHELK, PIKE, TUBE WORMS,

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 03 / OCT / 2000 Load Numbers 16 - 20

Area(s) Worked 27° 42 N 82° 36 W STA 107 too to 004 too

Weather Conditions (incl. sea conditions) BEAUFORT 2-4 NE 10-25 CLOUDY

Range of Water Temp., Surface 83-84°F Below Mid-Depth 83°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK WITH VERY LITTLE DEBRIS.

BY-CATCH - 35 HORSE SHOE CRAB, STING RAYS, BRITTLE STARS, QUAHOGS, PEN SHELLS, SPONGE, SEA WHIP, OLIVES, LIGHTNING WHELKS, HORSE CONCHS, FIGHTING CONCHS, CAT FISH, PONDEROUS ARKS, POLYCHAETES, TULIPS, HERMIT CRABS, SPIDER CRABS, ROCK CRAB & TUBE WORM.

TURTLE BOX TOPS OPEN DUE TO CLOGGING DURING LOADING. OVERFLOW SCREENING ALSO BEING USED.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
CARETTA CARETTA	1 (JUV)	0900 / NEAR EGMONT KEY
TURSIOPS TRUNCATUS	12	0930 - BRIDGE 1240 / CHANNEL

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 04 / OCT / 2000 Load Numbers 21-24

Area(s) Worked 27°42N 82°36W 107 too to 004 too

Weather Conditions (incl. sea conditions) P. CLOUDY BEAUFORT 1-2 WINDS NE S LO⇒NN

Range of Water Temp., Surface 84°F Below Mid-Depth 83-84°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK WITH LITTLE DEBRIS.

BY-CATCH INCLUDES: HORSE SHOE CRABS, STING RAYS, TOAD FISH, BRITTLE STARS, ARMORED STARS, LIGHTNING WHELKS, FIGHTING CONCHS HORSE CONCHS, AUGERS, OLIVES, TULIPS, SEA WHIP, PEN SHELLS, CATFISH, MANTIS SHRIMP, CATS PAWS, STONE CRAB, SPIDER CRAB, QUAHOGS AND POLYCHAETES.

INFLOW BOX TOPS OPEN DUE TO CLOGGING. OVERFLOW SCREENING ALSO IN USE.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURBIOPS TRUNCATUS	5-7	FEEDING – CHANNEL & DUMP

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 05 / OCT / 2000 Load Numbers 25 -28

Area(s) Worked 27°42N 82°36W 107+00 to 004+00

Weather Conditions (incl. sea conditions) P. CLOUDY BEAUFORT 1-2 WINDS NE->NW 5-6

Range of Water Temp., Surface 84°F Below Mid-Depth 83°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK WITH LITTLE DEBRIS.

BY-CATCH INCLUDES: HORSE SHOE CRABS, BRITTLE STARS, STARFISH, LIGHTNING WHELKS, FIGHTING CONCHS, HORSE CONCHS, STINGRAYS, AUGERS, OLIVES, TULIPS, SEAWHIP, PEN SHELLS, QUAHOGS, MANTIS SHRIMP, BAT FISH & CATFISH.

BOX TOPS ARE OPEN DURING LOADING DUE TO CLOGGING. OVERFLOW SCREENING IS ALSO IN USE.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
COWNOSE RAY	3	1205/DAY MARKERS 3&4
TURSIOPS TRUNCATUS	17-19 (3 SIGHTINGS - 1530 /1648/1839)	CHANNEL & DUMP

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 06 / OCT / 2000 Load Numbers 29 - 32

Area(s) Worked 27°42 N 82°36 W 107^mm to 004^mm

Weather Conditions (incl. sea conditions) 93°-78°F / BSS 1-4 / Clear-Stormy / NW 4-20

Range of Water Temp., Surface 84°F Below Mid-Depth 83-84°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? **YES** **NO**

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK WITH LITTLE DEBRIS.

BY-CATCH INCLUDED: HORSESHOE CRABS, BRITTLE STARS, ARMORED STARS, HORSE CONCHS, FIGHTING CONCHS, LIGHTNING WHELKS, OLIVES, TULIPS, AUGERS, STINGRAYS, SEA WHIPS, QUAHOGS, PONDEROUS ARCS, QUAHOGS SPONGE, CATFISH, MANTIS SHRIMP, BATFISH.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
CHELONIA MYDAS MYDAS	1 (JUV)	0810 / DAY MARKER #3
TURSIOPS TRUNCATUS	2	0900 (CHANNEL MARKER #1) / FEEDING

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 07 / OCT / 2000 Load Numbers 33-36

Area(s) Worked 27°42'N / 82°36'W STATIONS 107+00 — 004+00

Weather Conditions (incl. sea conditions) P. Cloudy / Beaufort-1 / Sea Scale 1-2 / NE 3-12 mph.

Range of Water Temp., Surface 84°F Below Mid-Depth 84°F

Condition and Effectiveness of Screening Good condition on all boxes

Are there incidents involving endangered or protected species? YES NO

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED ROCK + Shell, LARGER ROCK. VERY LITTLE DEBRIS FOUND IN BOXES.

BY CATCH INCLUDES: HORSESHOE CRABS, BRITTLE STARS, ARMORED STARS, HORSE CONCHS FIGHTING CONCHS, LIGHTNING WHELKS, OLIVES, TULIPS, AUGERS, STINGRAYS, SEA WHIP, QUAHOGS, PONDEROUS ARCS, SPONGE, CATFISH, MANTIS SHRIMP, BATFISH, HERMIT CRABS.

* PLEASE NOTE: BOX TOPS ARE OPEN DURING LOADING TO PREVENT INFLOW OF MATERIAL FROM TOTAL CLOGGING OF BOXES + SCREEN WITH ROCK MATERIAL.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

WEEKLY SUMMARY

Dates 01 / OCT / 2000 - 06 / OCT / 2000 Load Numbers *8-36*

Range of Water Temp., Surface 83°F - 84°F Below Mid-Depth 83°F - 84°F

Areas Worked (lat/longs, stations) 27°42'N / 82°36'W - STA. 107+00 — 004+00

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

No turtles taken this day. Material remains the same (Sand, Silt, Rock, and Shell). Bycatch includes: Horseshoe Crabs, Brittle Stars, Armored Stars, Horse Conchs, Fighting Conchs Lightning Whelks, Olives, Auger, Tulips, Stingrays, Sea Whip, Quahogs Ponderous Ares Sponges, catfish, Jelly Fish Mantis Shrimp, Batfish, Hermit Crab.

* Please Note: Boxes have top open to prevent total blockage while loading. Inflow screening is in good condition along with draghead T.E.D.s.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
06 / OCT	CHELONIA MYDAS MYDAS (1)	0810 HRS / DAY MARKER #3
03 / OCT	CARETTA CARETTA. (1) JUV.	0900 HRS - NEAR Egmont Key
03 / OCT	TURSIOPS TRUNCATUS (12)	0930 HRS BRIDGE / 1240 - CHANNEL
04 / OCT	" " (5-7)	1800 HRS FEEDING + CHANNEL
05 / OCT	COWNOSE RAY (3)	1205 HRS / DAY MARKERS 3+4
05 / OCT	TURSIOPS TRUNCATUS (17-19)	(3 SIGHTS) 1530/1648/1839/CHAN.+BUMP
06 / OCT	TURIOPS TRUNCATUS (2)	0900 HRS CHANNEL MARKER #1

Observers on duty K. DAHLED / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

DAILY REPORT

Date 08 / OCT / 2000 Load Numbers #37 - 39

Area(s) Worked 27° 42'N / 82° 36'W STATIONS: 107 +00 → 004 +00

Weather Conditions (incl. sea conditions) P. Cloudy / Gusty 12-22 mph. / BSS 4.5/89-

Range of Water Temp., Surface 84°F Below Mid-Depth 84°F

Condition and Effectiveness of Screening GOOD CONDITION OF ALL SCREENING

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL CONSISTS OF SILT, SAND, CRUSHED ROCK, SHELL. VERY LITTLE DEBRIS BEING TAKEN.

BY CATCH INCLUDES: HORSESHOE CRABS, BRITTLE STARS, ARMORED STARS, HORSE CONCHS, FIGHTING CONCHS, WHELKS (CHANNEL & LIGHTNING), OLIVES, AUGERS, TULIPS, STINGRAYS, SEA WHIP, QUAHOGS, PONDEROUS ARC, SPONGE, CATFISH, MANTIS SHRIMP, BATFISH, HERMIT CRABS, JELLYFISH, CATFISH.

* PLEASE NOTE: BOXES HAVE TOPS OPEN DURING LOADING TO PREVENT TOTAL BLOCKAGE OF INFLOW OF MATERIAL. INFLOW SCREENING IS LIMITED DUE TO OVERFLOW OF BOXES. OUTFLOW IS SCREENED AND IS IN GOOD CONDITION.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 09 / OCT / 2000 Load Numbers #40

Area(s) Worked 2742N / 8236W 1047+00 to 047+00

Weather Conditions (incl. sea conditions) P. Cloudy / Beaufort 3 / WIND NW 10-20

Range of Water Temp., Surface 84°F 83°F Below Mid-Depth 84°F 83°F

Condition and Effectiveness of Screening Good condition

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED ROCK + SHELL, LARGER ROCK. VERY LITTLE DEBRIS FOUND IN BOXES.

BY CATCH INCLUDES: HORSESHOE CRABS, BRITTLE STARS, ARMORED STARS, HORSE CONCHS FIGHTING CONCHS, LIGHTNING WHELKS, OLIVES, TULIPS, AUGERS, STINGRAYS, SEAWHIP, QUAHOGS, PUFFER FISH, ARKS, SPONGE, CATFISH, MANTIS SHRIMP, BAITFISH, HERMIT CRABS.

* PLEASE NOTE: BOX TOPS ARE OPEN DURING LOADING TO PREVENT INFLOW OF MATERIAL FROM TOTAL CLOGGING OF BOXES + SCREEN WITH ROCK MATERIAL.

* Only one load dug, ship then departed for Dock to take on fuel and supplies at 0700 HRS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
∅		

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 10 / OCT / 2000 Load Numbers 41 – 44

Area(s) Worked 27° 42' N / 82° 36' W - STATIONS 107+00 — 004+00

Weather Conditions (incl. sea conditions) P. Cloudy / BSS 3-4 / NE 10-25 / 83°F - 67°F

Range of Water Temp., Surface ~~84°F~~ 82°F Below Mid-Depth ~~84°F~~ 82°F

Condition and Effectiveness of Screening Good Condition of all screens

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED ROCK + SHELL, LARGER ROCK. VERY LITTLE DEBRIS FOUND IN BOXES.

BY CATCH INCLUDES: HORSESHOE CRABS, BRITTLE STARS, ARMORED STARS, HORSE CONCH, FIGHTING CONCHS, LIGHTNING WHELKS, OLIVES, TULIPS, RUGERS, STINGRAYS, SEAHARE, QUAHOGS, PUFFER FISH, ARKS, SPONGE, CATFISH, MANTIS SHRIMP, BAITFISH, HERMIT CRABS, SEA ROBINS

* PLEASE NOTE: BOX TOPS ARE OPEN DURING LOADING TO PREVENT INFLOW OF MATERIAL FROM TOTAL CLOGGING OF BOXES + SCREENS WITH ROCK MATERIAL.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 11 / OCT / 2000 Load Numbers 45 - 47

Area(s) Worked 27° 42' N / 82° 36' W 107+00 ⇒ 004+00

Weather Conditions (incl. sea conditions) P. Cloudy / BSS 2-4 / NNE 20 - 30 mph / 86°F

Range of Water Temp., Surface 82°F Below Mid-Depth 82°F

Condition and Effectiveness of Screening Good condition on all screening.

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Dredged Material is Silt, Sand, Crushed Rock + Shell, Larger Rock. Very little debris found in Boxes.

By Catch includes: Horseshoe Crabs, Brittle Stars, Armored Stars, Hoose Conchs, Fighting Conchs, Lightning Whelks, Olives, Tulips, Rugers, Stingrays, Sea Whip, Quahogs, Pinfish, Arcs, Sponge, Catfish, Mantis Shrimp, Batfish, Hermit Crabs.

* Please Note: Box tops are open during loading to prevent inflow of material from total clogging of Boxes + Screen with rock material.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	4-6	0900 in channel Feeding

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 12 /OCT /2000 Load Numbers 48 - 50

Area(s) Worked 27°42 N 82°36 W 004[NM] to 107[NM]

Weather Conditions (incl. sea conditions) PCLOUDY NNE 15-30 BEAUFORT 3-4

Range of Water Temp., Surface 82.5°F Below Mid-Depth 82.5°F

Condition and Effectiveness of Screening REPAIRS TO PORT AFTER INFLOW SCREENING, ALL SCREENING IN GOOD CONDITION

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK WITH VERY LITTLE DEBRIS.

BY-CATCH INCLUDES HORSE SHOE CRABS, BRITTLE STARS, ARMORED STARS, LIGHTNING WHELKS, HORSE CONCHS, FIGHTING CONCHS, SEA WHIPS, STINGRAYS, AUGERS, TULIPS, OLIVES, PEN SHELLS, QUAHOGS, CATFISH, FLOUNDER, PUFFERFISH, EEL, SPIDER CRAB, SEA ROBIN

BOX TOPS REMAIN OPEN ON INFLOW TO PREVENT CLOGGING WITH ROCK, SHELL AND DEBRIS. OVERFLOW SCREENING IS IN USE & IN GOOD CONDITION.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
CARETTA CARETTA	1 (JUV)	0900 / CHANNEL 3A MARKER / SURFACED
TC	4 TC	1615 - PUMPOUT / FEEDING

Observer(s) on duty K. DAHLEN / C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 13 / OCT / 2000 Load Numbers 51 -53

Area(s) Worked 27°42N 82°36W STA 004NO to 107NO and STA 226NO to 294NO

Weather Conditions (incl. sea conditions) PCLOUDY NNE 20-25 ↓ to 10-12 SEAFORT 3 ↓ 1-2

Range of Water Temp., Surface 80°F Below Mid-Depth 79°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, ROCK & CRUSHED SHELL WITH LITTLE DEBRIS. SHELL CAUSES OCCASIONAL BLOCKAGE OF INFLOW BOXES. INFLOW BOX TOPS REMAIN OPEN DURING LOADING TO PREVENT COMPLETE BLOCKAGE. OVERFLOW SCREENING IS IN PLACE & IN GOOD CONDITION.

BY CATCH: HORSE SHOE CRABS, STING RAYS, HORSE CONCHS, FIGHTING CONCHS, LIGHTNING WHELKS, QUAHOGS, CARIB VASE SHELL, BURROWING SEA STARS, BRITTLE STARS, POLYCHAETES, ARKS, TUBEWORMS, CATFISH & TROUT.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	6	? EN ROUTE TO DIG SITE / FEEDING & SOCIALIZING

Observer(s) on duty K. DAHLEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 14 / OCT / 2000 Load Numbers 53-56

Area(s) Worked SECT 1+3 27°42N 82°36 W 004+00 + 170+00 226+00 + 294+00

Weather Conditions (incl. sea conditions) MOSTLY CLEAR NNE 8-22 BEAUFORT 1-3

Range of Water Temp., Surface 79°F Below Mid-Depth 78°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK WITH LITTLE DEBRIS. BOX TOPS ARE OPEN DURING LOADING TO PREVENT CLOGGING OF BOXES AND PIPES WITH SAND, ROCK AND SHELL. BOXES WERE NOT CLEANED DURING LOAD #55 DUE TO BLOCKAGE.

BY-CATCH INCLUDES HORSESHOE CRABS, LIGHTNING WHELKS, FIGHTING CONCHS, HORSE CONCHS, BRITTLE STARS, ARMORED STARS, BURROWING STARS, QUAHOGS, ARCS, PEN SHELLS, STINGRAYS, TUBEWORMS, POLYCHAETES, OLIVES, TULIPS, CATFISH, SPIDER CRABS, HERMIT CRABS, FLOUNDER & CARIBBEAN VASE SHELLS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	6-10	0915-1000/CHANNEL/FEEDING & SOCIALIZING

Observer(s) on duty K DAHLEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

WEEKLY SUMMARY

Dates 08 / OCT / 2000 - 14 / OCT / 2000 Load Numbers 37 - 56

Range of Water Temp., Surface 79-84°F Below Mid-Depth 78 - 84°F

Areas Worked (lat/longs, stations) SECTIONS 1+2 & 3 107to 004to 226to - 294to / 27°42N 82°36W

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

DREDGED MATERIAL IS SILT, SAND, ROCK & CRUSHED SHELL WITH VERY LITTLE DEBRIS. INFLOW BOX LIDS ARE OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF BOXES AND PIPES.

BY-CATCH INCLUDES: HORSE SHOE CRABS, BRITTLE STARS, ARMORED STARS, BURROWING STARS, HORSE CONCHS, FIGHTING CONCHS, LIGHTNING WHELKS, OLIVES, AUGERS, TULIPS, STINGRAYS, SEA WHIPS, GUAHOGS, POWDEROUS ARKS, PEN SHELLS, SPONGE, CATFISH, MANTIS SHRIMP, BATFISH, HERMIT CRABS, JELLIES, BURR FISH, FLOUNDER, TROUT, TOAD FISH, STONE CRABS, KEY HOLE URCHINS. Meeting took place on EGMONT KEY BETWEEN A.C.O.E. BIOLOGIST, A.C.O.E. PROJECT MGR., WEEKS MARINE, FLA. STATE PARKS D.E.P. REPRESENTIVE, US FISH+WILDLIFE REFUGE MGR., AND US. FISH & WILDLIFE TURTLE BIOLOGIST TO DISCUSS MATERIAL BEING PUMPED ON BEACH. CHRIS CARROL WENT TO MEETING AND MADE ACOE PARTIES AWARE OF BOX & SCREENING BEING OPEN DURING LOADING PROCESS

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
08 / OCT	NO SIGHTINGS	
09 / OCT	NO SIGHTINGS	
10 / OCT	NO SIGHTINGS	
11 / OCT	TURSIOPS TRUNCATUS 4-6	FEEDING IN CHANNEL
12 / OCT	CARETTA CARETTA 1 (JUV) / TURSIOPS TRUNCATUS 4-6	CC-CHANNEL-SURFACED / TT-FEEDING @ P.OUT
13 / OCT	TURSIOPS TRUNCATUS 6	ENROUTE TO CHANNEL - FEEDING & SOCIALIZING
14 / OCT	TURSIOPS TRUNCATUS 6-10	CHANNEL - FEEDING & SOCIALIZING

Observers on duty KIRSTEN DAHLEN & CHRIS CARROL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 15 / OCT / 2000 Load Numbers 57 - 60

Area(s) Worked 27°42 N 82°36W 226^deg to 294^deg SECTION 3

Weather Conditions (incl. sea conditions) P CLOUDY WINDS N 5-15 BEAUFORT 1-3

Range of Water Temp., Surface 79°F Below Mid-Depth 78°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK WITH LITTLE DEBRIS. BOX LIDS ARE OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF BOXES & PIPES. OVERFLOW SCREENING IS ALSO IN USE & IN GOOD CONDITION.

BY-CATCH INCLUDES HORSE SHOE CRABS, STING RAYS, HORSE CONCHS, FIGHTING CONCHS, LIGHTNING WHELKS, OLIVES, AUGERS, TULIPS, CARIBBEAN VASE SHELLS, QUAHOGS, ARCS, PEN SHELLS, BRITTLE STARS, BURROWING STARS, ARMORED STARS, SEA WHIP, CATFISH, SLIPPERS AND MOON SNAILS

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	4-6	0900 / CHANNEL / FEEDING

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 16 / OCT / 2000 Load Numbers 61-63

Area(s) Worked 27°42 N 82°36 W 226 ^to to 294 ^to

Weather Conditions (incl. sea conditions) 78 P.CLOUDY N → NNE 5-15 BEAUFORT 2

Range of Water Temp., Surface 78° F Below Mid-Depth 77°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK WITH LITTLE DEBRIS.

BY CATCH: HORSE SHOE CRABS, STING RAYS, HERMIT CRABS, HORSE CONCHS, FIGHTING CONCHS, LIGHTNING WHELKS, OLIVES, TULIP VASE SHELLS, SLIPPERS, MOON SNAILS, PEN SHELLS, ARCS, TELLINS, QUAHOGS, CATFISH, FLOUNDER, ARMORED STARS, BRITTLE STARS & POLYCHAETES

INFLOW BOX LIDS ARE OPEN TO PREVENT CLOGGING OF BOX & PIPES WITH SAND, ROCK & DEBRIS. OVERFLOW SCREENING IS ALSO IN USE.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Unid'd TURTLE	1	0900 - AT PUMPOUT
TURSIOPS TRUNCATUS	3	1340 - FEEDING & SOCIALIZING

Observer(s) on duty KIRSTEN DAHLEN & CHRIS CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 17 / OCT / 2000 Load Numbers 64-67

Area(s) Worked 27°42 N 82°36 W SECT III 226^too to 294^too

Weather Conditions (incl. sea conditions) P. CLOUDY BEAUFORT 1-2 NNE 5-12

Range of Water Temp., Surface 78°F Below Mid-Depth 77°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK WITH VERY LITTLE DEBRIS. INFLOW BOXES ARE OPEN (TOPS ONLY) DURING LOADING TO PREVENT CLOGGING OF PIPES. OVERFLOW/OUTFLOW SCREENING IS ALSO IN USE.

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, STINGRAYS, CATFISH, FLOUNDER, HORSE CONCHS, FIGHTING CONCHS, LIGHTNING WHELKS, SLIPPER SHELLS, MOON SNAILS, BANDED + TRUE TULIPS, OLIVES, ANGERS, HELMETS, QUAHOGS, COCKLES, OYSTERS, SCALLOPS, PEN SHELLS, SEA WHIP, BURROWING & ARMORED STARS, & KEY HOLE URCHINS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Sphyrna tiburo	2	1015 & 1040 / CHANNEL - IN TRANSIT
Tursiops truncatus	4	1308 / PUMPOUT / FEEDING & SOCIALIZING

Observer(s) on duty K. DAHLEN & C. CARROLL.

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 18 / OCT / 2000 Load Numbers 68-71

Area(s) Worked 27°42 N 82°36 W 226 TSS to 294 TSS

Weather Conditions (incl. sea conditions) P. CLOUDY NNE 5-15 BEAUFORT 1-2

Range of Water Temp., Surface 76° F Below Mid-Depth 76° F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK WITH VERY LITTLE DEBRIS. INFLOW BOX LIDS OPEN DURING DIGGING TO PREVENT CLOGGING OF PIPES. OVERFLOW/OUTFLOW SCREENING IS IN USE.

BY-CATCH INCLUDES: HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, STINGRAYS, HORSE CONCHS, FIGHTING CONCHS, LIGHTNING WHELKS, OLIVES, TRUE & BANDED TULIPS, VASE SHELLS, SLIPPERS, MOONSNAILS, QUAHOGS, ARCS, PEN SHELLS, SCALLOPS, OYSTERS, SEA WHIPS, CAT FISH, FLOUNDERS & KEY HOLE URCHINS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
1 T	7-9	0800 - 1445 / PUMP OUT / FEEDING & SOCIALIZING

Observer(s) on duty K. DAHLEN & C. CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 19 / OCT / 2000 Load Numbers 72-75

Area(s) Worked 27°42N 82°36W 226^two to 294^two (SECTION III)

Weather Conditions (incl. sea conditions) P.CLOUDY WINDS NE 10-15 BEAUFORT 1-2

Range of Water Temp., Surface 75°F Below Mid-Depth 75°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK WITH LITTLE DEBRIS. INFLOW BOX LIDS ARE OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES WITH ROCK, SHELL & SAND.

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, STING RAYS, CATFISH, HORSE CONCHS, FIGHTING CONCHS, LIGHTNING WHELKS, VASE SHELLS, OLIVES, BANDED & TRUE TULIPS, MUREX, AUGERS, SCIPPERS, MOON SNAILS, OYSTERS, QUAHOGS, SCALLOPS, ARCS, LUCINES, BRITTLE STARS, ARMORED STARS & BURROWING STARS

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	1-4/10	ALL DAYLT HRS THROUGHOUT AREA.

Observer(s) on duty KIRSTEN DAHLEN, CHRIS CARROLL & NATHAN SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: St PETE ENTRANCE CHANNEL

DAILY REPORT

Date 20 / OCT /2000 Load Numbers 76 - 78

Area(s) Worked 27 42 N 82° 36 W 226 to to 294 to

Weather Conditions (incl. sea conditions) P. CLOUDY NE 5-12. BEAUFORT 12

Range of Water Temp., Surface 75°F Below Mid-Depth 75°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK WITH LITTLE DEBRIS INFLOW BOX LIDS OPEN DURING LOADING TO PREVENT CLOGGING OF PIPE & BOXES WITH ROCK, SHELL & DEBRIS. OUTFLOW / OVERFLOW SCREENING IS ALSO IN USE.

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, STINGRAYS, CATFISH, HORSE CONCHS, FIGHTING CONCHS, LIGHTNING WHELKS, VASE SHELLS, OLIVES, TRUE & BANDED TULIPS, MUREX, AUGERS, DRILLS, SLIPPERS, MOON SNAILS, QUAHOGS, SCALLOPS, OYSTERS, ARCS, PEN SHELLS, TELLINS, BRITTLE STARS, BURROWING STARS, ARMORED STARS, POLYCHAETES & SEAHORSES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. DAHLEN, C. CARROLL & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 21 / OCT / 2000 Load Numbers 79 - 81

Area(s) Worked 27°42 N 82° 36 W 226° to 294°

Weather Conditions (incl. sea conditions)? CLOUDY NNE 10-20 BEAUFORT 2-3

Range of Water Temp., Surface 75°F Below Mid-Depth 75°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES NO

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK WITH LITTLE DEBRIS. INFLOW BOX LIDS OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES WITH ROCKS, SHELL & DEBRIS

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, STING RAYS, CATFISH, HORSE & FIGHTING CONCHS, LIGHTNING WHELKS, OLIVES, TULIPS, AUGERS, MUREX, MOON SNAILS, SLIPPER, TELLINS, QUAHOGS, COCKLES, SCALLOPS, OYSTERS, FLOUNDER, SEA NETTLES, ENCRUSTING BRYOZOA

OBSERVER CHRIS CARROLL DEPARTED THE RN WEEKS & WAS REPLACED BY OBSERVER NATHAN SCHNALEN.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TT	4-6	1400 / CHANNEL / FEEDING

Observer(s) on duty KIRSTEN DAHLEN, CHRIS CARROLL & NATHAN SCHNALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

WEEKLY SUMMARY

Dates 15 / OCT / 2000 - 21 / OCT / 2000 Load Numbers ~~57-71~~ 57-81

Range of Water Temp., Surface _____ Below Mid-Depth _____

Areas Worked (lat/longs, stations) 29°42 N 82°36 W SECT I, II, III 004^too to 107^too 226^too to 294^too

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL & ROCK WITH VERY LITTLE DEBRIS. INFLOW BOX TOPS REMAIN OPEN DURING DREDGING TO PREVENT CLOGGING WITH ROCK, SHELL & DEBRIS.

BY-CATCH : HORSE SHOE CRABS, STINGRAYS, HERMIT CRABS, HORSE CONCHS, FIGHTING CONCHS LIGHTNING WHELKS, HELMETS, SLIPPERS, MOON SNAILS, AUGERS, OLIVES, TRUE & BANDED TULIPS, VASE SHELLS, QUAHOGS, OYSTERS, SCALLOPS, COCKLES, CATFISH, FLOUNDER, STONE CRAB, SEA WHIP, PEN SHELLS, KEY HOLE URCHINS, BRITTLE STARS, BURROWING STARS, ARMORED STARS, AND ~~KEY~~ ARKS

OBSERVER CHRIS CARROLL DEPARTED 21 OCT - REPLACED BY NATHAN SCHWALEN.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
15 / OCT	TURSIOPS TRUNCATUS 4-6	0900 - FEEDING IN CHANNEL
16 / OCT	SEA TURTLE (UNSP) 1 TE 3	TURTLE - 0900 PUMPOUT TE - CHANNEL
17 / OCT	SPHYRNA TIBURO 2 TE 4	CHANNEL
18 / OCT	TE 7-9	ALL DAY / PUMPOUT / FEEDING
19 / OCT	TE 1-10	ALL DAY / ALL AREA
20 / OCT	Ø	
21 / OCT		

Observers on duty ADAHLEN, C-CARROLL & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 22 / OCT / 2000 Load Numbers 82 - 84

Area(s) Worked 27°42 N 82°36 W 226to to 294to

Weather Conditions (incl. sea conditions) NE 5-25 BEAFORT 1-2 P CLOUDY

Range of Water Temp., Surface 75°F Below Mid-Depth 75°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL, SHELL & ROCK WITH LITTLE DEBRIS. INFLOW BOX LIDS ARE OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES WITH ROCK, SHELL & DEBRIS.

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, STINGRAYS, CATFISH, HORSE CONCHS, FIGHTING CONCHS, LIGHTNING WHELKS, PEAR WHELKS, SLIPPERS, MOON SNAILS, AUGERS, OLIVES, TRUE & BANDED TULIPS, Q. CONCHS, VASE SHELLS, MUREX, ~~AUGERS~~, WENTLE WRAPS, QUAHOGS, COCKLES, SCALLOPS, ARCS, TELLINS, LUCINES, BRITTLE STARS, ARMORED STARS, BURROWING STARS, KEY HOLE URCHINS, SEA WHIPS, SPONGES, ENCRUSTING BRYOZOA,

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
CORMORANTS	100	

Observer(s) on duty KIRSTEN DAHLEN & NATHAN SCHNALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 23 / OCT / 2000 Load Numbers 85-87

Area(s) Worked 27°42 N 82°36 W 226^feet to 294^feet SECTION III

Weather Conditions (incl. sea conditions) MOSTLY CLOUDY WINDS: NNE 10-25 BEAUFORT 2-3

Range of Water Temp., Surface 75°F Below Mid-Depth 75°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL, SHELL & ROCK WITH LITTLE DEBRIS. INFLOW BOX LIDS OPEN DURING LOADING TO PREVENT CLOGGING OF PIPE WITH ROCK, SHELL & DEBRIS.

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, STINGRAYS, CATFISH, FLOUNDER, HORSE CONCH, FIGHTING CONCH, LIGHTNING WHELKS, PEAR WHELKS, OLIVES, TRUE & BANDED TULIPS, AUGERS, WENTLE TRAPS, SLIPPERS, MOON SNAILS, QUAHOGS, COCKLES, TELLINS, COQUINA, SCALLOPS, OYSTERS, BRITTLE STARS, ARMORED STARS, BURROWING STARS, POLYCHAETES, SEA WHIP, SPONGE, ENCRUSTING BRYOZOA, SEA ROBIN.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty KIRSTEN DAHLEN & NATHAN SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date ~~23~~ 24 / OCT / 2000 Load Numbers 88 - 89

Area(s) Worked 27°42 N 82°36 W 226 TOW to 294 TOW

Weather Conditions (incl. sea conditions) P. CLOUDY, ~~VARIABLE WIND DIR.~~ NNE 10-20, BEAUFORT 1-3

Range of Water Temp., Surface 75° F Below Mid-Depth 75° F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL, SHELL & ROCK WITH LITTLE DEBRIS. IN FLOW BOX TOOTH OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES WITH ROCK, SHELL & SAND.

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, STINGRAYS, FLOUNDER, CATFISH, HORSE & FIGHTING CONCHS, LIGHTNING WHELKS, VASE SHELLS, OLIVES, TULIPS, AUGERS, WENTLE WRAPS, SLIPPERS, MOON SNAILS, OYSTERS, SCALLOPS, ARKS, COCKLES, QUAHOGS, PEN SHELLS, JACKKNIFE CLAMS, KEY HOLE URCHINS, BRITTLE STARS, BURROWING STARS, ARMORED STARS, SEA WHIP SPONGE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.E.	2-4	1340 / DUMP / FEEDING
T.E.	3-6	1502 / CHENNEL / WAKE RIDING

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: ~~OCT~~ RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 25 / OCT / 2000 Load Numbers 90-91

Area(s) Worked 27°42 N 82°36 W 008TM to 034TM SECT. II

Weather Conditions (incl. sea conditions) P. CLOUDY NNE 10-25 BEAUFORT 2-3

Range of Water Temp., Surface 76°F Below Mid-Depth 75°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL, SHELL & ROCK WITH LITTLE DEBRIS. INFLOW BOX LIDS OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES.

BY-CATCH: HORSE SHOE CRABS, HORSE & FIGHTING CONCHS, PEAR & LIGHTNING WHELKS, OLIVES, TRUE & BANDED TULIPS, AUGERS, MUREX, SLIPPERS, MOON SNAILS, ANGEL WING CLAMS, ENCRUSTING BRYOZOA, SPONGES, SEA WHIP & BRITTLE STARS.

RN WEEKS LEFT FOR FUELING AT PORT MANATEE AFTER LOAD #90. RETURNED TO DIG SITE AT 1730H.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		

Observer(s) on duty M. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R/V WEEKS

Project: ST. PETE ENTRANCE CHANNEL

DAILY REPORT

Date 26 / OCT / 2000 Load Numbers 92 - 95

Area(s) Worked 27°42 N 82°36 W STA 008th to 034th SECT II

Weather Conditions (incl. sea conditions) P CLOUDY NE 5-15 BEAUFORT 1-2

Range of Water Temp., Surface 76 °F Below Mid-Depth 74-75°F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL, SHELL & ROCK WITH A LARGE AMOUNT OF DEBRIS (WOOD, ENGINE PARTS, STEEL, CHAIN, ALUMINUM CANS, ROPE, FISHING LINE & NET). INFLOW BOX TOPS REMAIN OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES.

BY-CATCH: HORSE SHOE CRABS, HORSE & FIGHTING CONCHS, HERMIT CRABS, LIGHTNING WHELKS, OLIVES, TULIPS, AUGERS, MUREX, VASE SHELLS, OYSTER, COCKLES, QUAHOGS, ANGEL WING CLAMS, PEN SHELLS, ARKS, MOON SNAILS, SCALLOPS, SLIPPERS, SEA WHIP, KEY HOLE URCHINS, POLYCHAETES, CATFISH, SEA ROBIN

ISAIAH HILL (ACOE), JENNIFER LEE (NMFS), ERIC HANK (NMFS), AND BOB HOFFMAN (NMFS), OBSERVED PARTS OF LOADS #93 + 94.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	2-4	1400 / CHANNEL / FEEDING
CARETTA CARETTA	1 (JUV)	2105 / CHANNEL - 540 OFF PORT BEAM / SURFACED

Observer(s) on duty KIRSTEN DAHLEN & NATHAN SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

DAILY REPORT

Date 27 / OCT / 2000 Load Numbers 96 - 98

Area(s) Worked 27°42 N 82°36 W 008TH to 034TH SECTION IV

Weather Conditions (incl. sea conditions) NNE 5-12 BEAUFORT 1-2 MOSTLY CLEAR

Range of Water Temp., Surface 75 - 76°F Below Mid-Depth 75°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL, SHELL & ROCK WITH MUCH DEBRIS. INFLOW BOX TOPS OPEN DURING LOADING TO PREVENT BLOCKAGE OF PIPES.

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, FLOUNDER, CATFISH, SEA ROBIN, HORSE & FIGHTING CONCHS, LIGHTNING WHELKS, VASE SHELLS, SLIPPERS, MOON SNAILS, OLIVES, TRUE & BANDED TULIPS, AUGERS, MUREX, QUAHOGS, COCKLES, ARCS, OYSTERS, SCALLOPS, PEN SHELLS, SEA WHIP, SPONGE, KEY HOLE URCHIN, BURROWING STARS, BRITTLE STARS, POLYCHAETES, BONNETHEAD,

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	5-8	THROUGH OUT DAY / ALL AREAS / FEEDING & SOCIALIZING

Observer(s) on duty KIRSTEN DAHLEN AND NATHAN SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

DAILY REPORT

Date 28 / OCT / 2000 Load Numbers 99 - 101

Area(s) Worked 27°42 N 82°36 W SECT. IV 008no to 034no

Weather Conditions (incl. sea conditions) MOSTLY CLEAR WINDS NW 0-5 BEAUFORT I ≤1' SEAS

Range of Water Temp., Surface 75 - 76° F Below Mid-Depth 75° F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL SHELL & ROCK WITH LARGE AMOUNT OF DEBRIS. INFLOW BOX TOPS OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES.

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, STING RAYS, FLOUNDER, CATFISH, HORSE & FIGHTING CONCHS, LIGHTNING & PEAR WHELKS, NETTLE WRAPS, ANGERS, MUREX, TRITONS, OLIVES, TULIPS, SCIPPERS, MOON SNAILS, QUAHOGS, SCALLOPS, ARCS, OYSTERS, PEN SHELLS, SEA WHIPS, SPONGE, BRITTLE, ARMORED AND BURROWING STARS, POLY CHAETES, KEY HOLE URCHINS, MUSSELS, SEA ROBIN, ANGEL WING CLAMS, BUBBLESHELLS,

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	6-8	ALL DAY / ALL AREAS / FEEDING & SOCIALIZING

Observer(s) on duty K. DAHLEN & N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

WEEKLY SUMMARY

Dates 22 / OCT / 2000 - 28 / OCT / 2000 Load Numbers 82-101

Range of Water Temp., Surface 75-76°F Below Mid-Depth 75-76°F

Areas Worked (lat/longs, stations) 27°42N 82°36W 226° to 294° + 008° to 034° SECT. III + IV

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL, SHELL & ROCK WITH ~~LITTLE~~ DEBRIS INFLOW BOX LIDS OPEN DURING LOADING TO PREVENT CLOGGING ~~OF~~ OF PIPES WITH ROCK, SHELL & SAND.

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, STINGRAYS, CATFISH, FLOUNDER, HORSE & FIGHTING CONCHS, LIGHTNING WHELKS, OLIVES, TRUE & BANDED TULIPS, MUREX, VASE SHELLS, AUGERS, WENTLEWRAPS, SLIPPERS, MOON SNAILS, PEAR WHELKS, QUAHOGS, SCALLOPS, OYSTERS, ARKS, COCKLES, BRITTLE STARS, ARMORED STARS, BURROWING STARS, ENCRUSTING BRYOZOA, SEA WHIP, SPONGE, KEY HOLE URCHINS, PEAR WHELKS, QUEEN CONCH, POLYCHAETES, SEA ROBIN, BONNETHEAD SHARK, BUBBLE SHELLS, TRITONS, HELMETS, & MUSSELS.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
22 / OCT	CORMORANTS (100)	
23 / OCT	Ø	
24 / OCT	TURSIOPS TRUNCATUS (5-10)	DUMPE CHANNEL / FDG + WAKE RIDING
25 / OCT	Ø	
26 / OCT	TURSIOPS TRUNCATUS (2-4) CARETTA CARETTA (1 JUV)	ALL IN CHANNEL
27 / OCT	TURSIOPS TRUNCATUS (5-8)	ALL DAY / ALL AREAS
28 / OCT	TURSIOPS TRUNCATUS (0-8)	ALL DAY / ALL AREAS

Observers on duty KIRSTEN DAHLEN & NATHAN SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 29 / OCT / 2000 Load Numbers 102-105

Area(s) Worked 27°42 N 82°36 W 008TH to 034TH SECTION TU

Weather Conditions (incl. sea conditions) WIND VARIABLE, MOSTLY CLEAR

Range of Water Temp., Surface 76 °F Below Mid-Depth 75 °F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL, SHELL, AND ROCK. THERE IS A CONSIDERABLE AMOUNT OF DEBRIS. TOPS OF INFLOW BOXES ARE OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES.

BY CATCH REMAINS THE SAME: HORSE SHOE CRABS, HERMIT CRABS, STING RAYS, CAT FISH, FLOUNDER, BAITFISH, WELKS, AUGERS, PEN SHELLS, CONCHS, TULIPS, OLIVES, MOON SNAILS, OYSTERS, CLAMS, SCALLOPS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.E.	26	THROUGHOUT DAY/ALL AREAS/ FEEDING & SOCIALIZING

Observer(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 30 / OCT / 2000 Load Numbers 106-107

Area(s) Worked 27°42 N 82°36 W 008° to 034° SECTION IV

Weather Conditions (incl. sea conditions) P.CLOUDY/HAZY VARIABLE LT AIR BFT

Range of Water Temp., Surface 76°F Below Mid-Depth 75°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL + SHELL WITH A CONSIDERABLE AMOUNT OF DEBRIS. INFLOW BOX LIDS OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES.

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, HORSE + FIGHTING CONCHS, HELMETS, LIGHTNING + PEAR WHELKS, VASE SHELLS, AUGERS, WENTLE WRAPS, CERITHS, MUREX, TRITONS, OLIVES, TULIPS, SLIPPERS, MOON SNAILS, OYSTERS, QUAHOGS, ARCS, SCALLOPS, PEN SHELLS, DISC CLAMS, TELLINS, POLYCHAETES, KEY HOLE URCHINS, STING RAYS, FLOUNDER, CATFISH, SEA ROBIN, BRITTLE STARS, BURROWING STARS, ARMORED STARS,

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS		ALL DAY / ALL AREAS / FEEDING + SOCIALIZING

Observer(s) on duty K. DAHLEN + N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 31 / OCT / 2000 Load Numbers 108 - 110

Area(s) Worked 27°42 N 82°36 W 008^too to 034^too SECT IV

Weather Conditions (incl. sea conditions) MOSTLY SUNNY, BEAUFORT 1-2

Range of Water Temp., Surface 76°F Below Mid-Depth 75°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL, SHELL + ROCK WITH A CONSIDERABLE AMOUNT OF DEBRIS. BOX LIDS REMAIN OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES.

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, FLOUNDER, CAT FISH, SEA ROBIN, STING RAYS, HORSE + FIGHTING CONCHS, LIGHTNING + PEAR WHELKS, OLIVES, TULIPS, MUREX, TRITON, ANGERS, CERITHS, SLIPPERS, MOON SNAILS, QUAHOGS, SCALLOPS, ARCS, OYSTERS, PEN SHELLS, TELLINS, DISC CLAMS, LUCINES, ANGEL WINGS, KEY HOLE URCHINS, BRITTLE + ARMORED STARS, POLYCHAETES, SPONGE, SEA WHIPS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
CARETTA CARETTA	1	1020 / CUT / SURFACED
TURSIOPS TRUNCATUS	5-9	THROUGOUT DAY / ALL LOCATIONS / FEEDING & SOCIALIZING

Observer(s) on duty KIRSTEN DAHLEN AND NATHAN SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 01 / NOV / 2000 Load Numbers 111 - 112

Area(s) Worked 27°42 N 82°36 W 008° to 034° SECTION IV

Weather Conditions (incl. sea conditions) MOSTLY CLEAR NE 5-12 BSS 1-2 SEAS 1-2'

Range of Water Temp., Surface 76°F Below Mid-Depth 75°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL, SHELL & ROCK WITH A CONSIDERABLE AMOUNT OF DEBRIS. INFLOW BOX TOPS REMAIN OPEN DURING LOADING TO PREVENT CLOGGING.

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, STING RAYS, FLOUNDER, CATFISH, SEA ROBIN, HORSE & FIGHTING CONCHS, LIGHTNING & PEAR WHELKS, OLIVES, TULIPS, AUGERS, MUREX, TRITONS, FROGS, CERITHS, SLIPPERS, MOON SNAILS, QUAHOGS, ARCS, TELLINS, SUNRAY VENUS, OYSTERS, DISC CLAMS, ANGEL WINGS, MUSSELS, BRITTLE STARS, ARMORED STARS, KEY HOLE URCHINS, SEA WHIP, SPONGE, WENTTLEWRAPS,

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	5-7	ALL DAY / CHANNEL / FEEDING

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 02 / NOV / 2000 Load Numbers 113 - 114

Area(s) Worked 27°42N 82°36W 008 too to 034 too SECTION IV

Weather Conditions (incl. sea conditions) MOSTLY CLEAR NE 5-10 BSS 1-2 SEAS 1'

Range of Water Temp., Surface 76°F Below Mid-Depth 75°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL, SHELL AND ROCK WITH A CONSIDERABLE AMOUNT OF DEBRIS. INFLOW BOX LIDS REMAIN OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES.

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, STINGRAYS FLOUNDER, CATFISH, SEAROBIN, SMALLMOUTH GRUNT, HORSE & FIGHTING CONCHS, MILK CONCH, LIGHTNING & PEAR WHELKS, OLIVES, DOVES, AUGERS, MUREX, TRITONS, CERITHS, SLIPPERS, MOON SNAILS, JUNONIA, NASS, TELLINS, SCALLOPS, OYSTERS, SUNRAY VENUS, COCKLES, MUSSELS, PEN SHELLS, LUCINES, DISC CLAMS, BRITTLE STARS, ARROWS STARS, KEY HOLE URCHINS, SEA WITH, SPONGE,

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	35	1200 - 1800 / CHANNEL / FEEDING & SOCIALIZING

Observer(s) on duty M. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 03 / NOV / 2000 Load Numbers 115 - 117

Area(s) Worked 27°42 N 82°36 W 008^too to 034^too and 034^too to 060^too SECTIONS II + V

Weather Conditions (incl. sea conditions) MOSTLY CLEAR LT NE WINDS (0-8) BFS / SEAS <1'

Range of Water Temp., Surface 76°F Below Mid-Depth 75°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CRUSHED SHELL, SHELL AND ROCK WITH A CONSIDERABLE AMOUNT OF DEBRIS. INFLOW BOX TOPS REMAIN OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES. MATERIAL IN SECTION II IS ANOXIC SILT WITH SOME SAND AND CONSIDERABLE AMOUNT OF PLASTIC & METAL DEBRIS.

BY-CATCH - SECTION II: HORSE SHOE CRABS, HERMIT CRABS, STONE CRABS, STINGRAYS, GRUNTS, SEA ROBIN, FLOUNDER, HORSE + FIGHTING + MILK CONCHS, LIGHTNING + PEAR WHELKS, OLIVES, TULIPS, AUGERS, CERITHS, MUREX, TRITONS, WENTRENRAPS, SLIPPERS, MOONSNAILS, QUAHOGS, OYSTERS, SCALLOPS, PEN SHELL, ARKS, DISC CLAMS, TELLINS, SUNRAY VENUS, ANGEL WINGS, KEY HOLE URCHINS, BRITTLE + ARMORED STARS, SEA WHIPS, SPONGES.

SECTION II BY-CATCH: HORSE SHOE CRABS, HORSE CONCHS, PEAR + LIGHTNING WHELKS, AUGERS, FIGHTING CONCHS, SEA WHIP, QUAHOGS, COCKLES, OYSTERS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	5	ALL DAY / FEEDING AT DUMP + CHANNEL

Observer(s) on duty KIRSTEN DAHLEN AND NATHAN SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 04 / NOV / 2000 Load Numbers 118 - 119

Area(s) Worked 27°42 N 82°36 W 008° to 034° AND 034° to 060°

Weather Conditions (incl. sea conditions) MOSTLY CLOUDY/HAZY LT E WINDS BSS 1 SEAS C1

Range of Water Temp., Surface 76°F Below Mid-Depth 75°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

SEE EX DREDGED MATERIAL IS SILT AND SAND WITH SOME CLAY. DEBRIS IS CONSIDERABLE. INFLOW BOX LIDS REMAIN OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES.

134 - CARAPACE SHOE CRABS, HORSE AND FIGHTING CONCHS, LIGHTNING AND PEAR WHELKS, OLIVES, AUGERS, QUAHOGS, TELLINS, SUNRAY VENUS, SCALLOPS, ARKS, OYSTERS, CATFISH, FLOUNDER, KEY HOLE URCHINS, BRITTLE + ARMORED STARS,

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	68	ALL DAY - ALL AREAS - FEEDING + SOCIALIZING
CARETTA CARETTA	1	1347 / EGMONT KEY / SURFACED

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 05 / NOV / 2000 Load Numbers 120 - 123

Area(s) Worked 27°42N 82°36W 034to to 060to SECTION V

Weather Conditions (incl. sea conditions) PCLDY WINDS E→ENE 5-12 BSS 1-2 SEAS 1'

Range of Water Temp., Surface 75°F Below Mid-Depth 74°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND AND CLAY WITH SOME ROCK & SHELL. THERE IS ALSO A CONSIDERABLE AMOUNT OF DEBRIS. INFLOW BOX LIDS REMAIN OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES.

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, CATFISH, FLOUNDER, STINGRAYS, HORSE & FIGHTING CONCHS, LIGHNING & PEAR WHELKS, OLIVES, AUGERS, CERITHS, VASE SHELLS, SUPPERS, MOON SNAILS, QUAHOGS, COCKLES, OYSTERS, ARCS, SCALLOPS, PEN SHELLS, ANGEL WINGS, BRITTLE STARS, ARMORED STARS, KEY HOLE URCHINS, SEA WHIP,

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty KIRSTEN DAHLEN AND JASON SCOTT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

DAILY REPORT

Date 06 / NOV / 2000 Load Numbers 124-126

Area(s) Worked 27°42N 82°36W 034to to 060to SECTION II

Weather Conditions (incl. sea conditions) MOSTLY CLEAR ENE 5-15 BSS 1-2 SEAS 1

Range of Water Temp., Surface 75°F Below Mid-Depth 74°F

Condition and Effectiveness of Screening GOOD - REPAIRS NEEDED ON OUTBOARD SECTION OF PORT AFTER BOX.

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

MATERIAL IS SILT, SAND, CLAY, ROCK + SHELL WITH LARGE AMOUNTS OF DEBRIS. INFLOW BOX LIDS REMAIN OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES.

BY-CATCH: HORSESHOE CRABS, CATFISH, STINGRAYS, HORSE + FIGHTING CONCHS, LIGHTNING + PEAR WHELKS, VASE SHELLS, OLIVES, AUGERS, CERITHS, SLIPPERS, MOON SNAILS, QUAHOGS, SUNRAY VENUS, TELLINS, SCALLOPS, ARCS, OYSTERS, SEA WHIPS

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	2-3	1200-1245 / CHANNEL / FEEDING

Observer(s) on duty K. DAHLEN AND N. SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 07 / NOV / 2000 Load Numbers 127 - 130

Area(s) Worked 27°42 N 82°36 W 034to & 060to SECTION V

Weather Conditions (incl. sea conditions) PARTLY CLOUDY, WIND DIR. VARIABLE, BSS 1-2

Range of Water Temp., Surface 75°F Below Mid-Depth 74°F

Condition and Effectiveness of Screening PORT AFTER BOX - OUTBOARD SECTION NEEDS MINOR REPAIRS. ALL ELSE GOOD.

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

MAERIAL IS SILT, SAND, CLAY, ROCK & SHELL WITH A CONSIDERABLE AMOUNT OF CLAY. INFLOW BOX TOPS REMAIN OPEN DURING LOADING TO PREVENT CLOGGING.

BY-CATCH - HORSE SHOE CRABS, CATFISH, STINGRAYS, HERSE & FIGHTING CONCHS, LIGHTNING & PEAR WHELKS, OLIVES, AUGERS, CERITAS, VASE SHELLS, QUAHOGS, SCALLOPS, OYSTERS, TELLINS, SUNRAY VENUS, BRYOZOANS, POLYCHAETES, SEAWATS

OBSERVER JASON SCOTT ON BOARD RN WEEKS 0730 - 1800 FOR TRAINING.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS		

Observer(s) on duty KIRSTEN DAHLEN, NATHAN SCHWALEN AND JASON SCOTT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RW WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 08 / NOV / 2000 Load Numbers 131-133

Area(s) Worked 27°42 N 82°36 W 034 to 060 SECTION II

Weather Conditions (incl. sea conditions) PARTLY CLOUDY, BSS 1-2, WIND VARIABLE

Range of Water Temp., Surface 75-74°F Below Mid-Depth 74°F

Condition and Effectiveness of Screening GOOD - MINOR REPAIRS NEEDED ON OUTBOARD SECTION OF PORT AFTER BOX

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SILT, SAND, CLAY, ROCK AND SHELL WITH A CONSIDERABLE AMOUNT OF DEBRIS. INFLOW BOX LIDS ARE OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES.

BY-CATCH: HORSE SHOE CRABS, HERMIT CRABS, CATFISH, STING RAYS, HORSE AND FIGHTING CONCHS, LIGHTNING & PEAR WHELKS, OLIVES, AUGERS, VASE SHELLS, CERITHS, TULIPS, QUAHOGS, SCALLOPS, ARKS, OYSTERS, TELLINS, SUNRAY VENUS, POLYCHAETES, SEA WHIP, BRYOZOANS, KEY HOLE URCHINS, SKIPPERS, MOON SNAILS

OBSERVER JASON SCOTT ON BOARD 0600 TO 1800H FOR TRAINING

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	8-14	THROUGHOUT DAY / ALL LOCATIONS / FEEDING

Observer(s) on duty KIRSTEN DAHLEN, NATHAN SCHWALEN AND JASON SCOTT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 09 / NOV / 2000 Load Numbers 134-137

Area(s) Worked 27°42N 82°36W STA 034 to 060

Weather Conditions (incl. sea conditions) Partly Cloudy, WIND VARIABLE, BSS 1-2

Range of Water Temp., Surface 75-74°F Below Mid-Depth 74°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

- DREDGED MATERIAL IS SAND, SILT, MUD, ORGANIC MATTER, CLAY, CRUSHED & WHOLE SHELLS, AND DEBRIS

- BY-CATCH REMAINS THE SAME.

- THE TOPS OF INFLOW BOXES ARE OPEN DURING LOADING TO PREVENT COMPLETE CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NO OBSERVATIONS		

Observer(s) on duty HEATHER PAIGE, JASON SCOTT AND NATHAN SCHWALEN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 10 / NOV / 2000 Load Numbers 138 - 141

Area(s) Worked St Petersburg Entrance Channel 27°42' N 82° 36'W

Weather Conditions (incl. sea conditions) Some rain, Cloudy, and turned to Sunny, Beaufort 1-2

Range of Water Temp., Surface 75 Below Mid-Depth 74

Condition and Effectiveness of Screening GOOD - REPAIR NEEDED IN PORT AFT CORNER OF PORT AFT INFLOW SCREEN

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

DREDGED MATERIAL IS SAND, SILT, MUD, CLAY, ORGANIC MATTER, ROCKS, CRUSHED & WHOLE SHELLS, AND DEBRIS.

BY-CATCH REMAINS THE SAME

TOPS OF BOXES REMAIN OPEN DURING LOADING TO PREVENT CLOGGING OF PIPES.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.E.	5	MORNING / NEAR DREDGE
T. manatus	1	1510 / CUT - 80 yds OFF BOW / DREDGE BACKED OUT OF AREA.

Observer(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: St Pete Entrance Channel

DAILY REPORT

Date 11 / Nov / 2000 Load Numbers 142 - 144

Area(s) Worked 27°42'N 82°36'W to 27°45'N 82°37'W

Weather Conditions (incl. sea conditions) _____

Range of Water Temp., Surface 75° f Below Mid-Depth 74° F

Condition and Effectiveness of Screening _____

Screen in good Condition and is effective

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Biological by-catch: HS Crabs, Large Puffer fish, welks, conchs, Clams, Olives

Material: Silt, sand, Mud and some Rocks. Trash included Cans, plastic bottles, cloth & fishing line.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	2	17:07
T-Manitus	1	17:12 By Bouy @ dock

Observer(s) on duty _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

WEEKLY SUMMARY

Dates 05 / NOV / 2000 - 11 / NOV / 2000 Load Numbers 120 - 144

Range of Water Temp., Surface 75° f Below Mid-Depth 74°f - 75°f

Areas Worked (lat/longs, stations) 27°42 N 82°36 W

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

Material: Silt, Sand, Mud, Rocks, Wood Debris, organic matter, Conchs, Welks, olives, Clams, Quahogs

By-Catch: Horseshoe Crabs, Puffer fish, Catfish, Hermit Crabs Flounder, sting ray, Sea Whip

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
05 / NOV	No Observations	
06 / NOV	3 Tt	
07 / NOV	1 Tt	
08 / NOV	8-14 Tt	
09 / NOV	No Observations	
10 / NOV	5 Tt ; 1 Manitee	Close enough that Dredge moved away
11 / NOV	2 Tt ; 1 Manitee	

Observers on duty KIRSTEN DAHLEN, NATHAN SCHWALEN, JAY SCOTT AND HEATHER PAGE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N WEEKS

Project: St Pete Entrance

DAILY REPORT

Date 12 / Nov / 00 Load Numbers 145 - 148

Area(s) Worked 27° 45' N 82° 37' W

Weather Conditions (incl. sea conditions) P. Cloudy

Range of Water Temp., Surface 75°f Below Mid-Depth 74° f

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material : Silt, Sand, Mud, Rocks, trash

By-Catch : HS Crabs, Catfish, Conchs, Welks, Clams, Olives
Moon Snails, Quahogs

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	2+2+1	Dig site

Observer(s) on duty Heather Paige Jason Scott

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: St. Pete Entrance Channel

DAILY REPORT

Date 13 / Nov / 00 Load Numbers 149-150

Area(s) Worked 27°45'N 82° 37'W

Weather Conditions (incl. sea conditions) P. Cloudy light wind Calm seas

Range of Water Temp., Surface 75°f Below Mid-Depth 74°f

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: Silt, Sand, Mud, Rocks, trash
-very Stinky

By-catch: ~~Hoosheec~~ H.S. crabs, Catfish, Clams, Oysters, Welks, Conchs, Olives, Moon Snails, Quahog

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R.N. Weeks

Project: St Pete Entrance

DAILY REPORT

Date 14 / Nov / 00 Load Numbers 151-153

Area(s) Worked 27°45'N 82°37'W

Weather Conditions (incl. sea conditions) P Cloudy, Light Winds Calm Seas

Range of Water Temp., Surface 74-75 Below Mid-Depth 74

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material Silt, Sand, Mud, a few Rocks, Trash

By-Catch: HS Crab, catfish, Sea Whip, clams, oysters, olive, conchs, Welks, Quahogs

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: st. Pete Entrance

DAILY REPORT

Date 15 / Nov / 00 Load Numbers [redacted] 153-156

Area(s) Worked Section 11

Weather Conditions (incl. sea conditions) Mostly Clear

Range of Water Temp., Surface 71°-73° Below Mid-Depth 71°-73°

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: Sand Trash

By-Catch: Sting-ray, fish, HS Crab, stone Crab, lg Hermit Crab, Clams, Welks, Quahogs, Olives, moon ~~sh~~ snails, Conchs, cockles, sea whip

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	5-7	1505 @ Egmont
Tt	5-7	1600 Jumping

Observer(s) on duty Heathe Paige, Jason Scott

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST. PETE ENTRANCE CHANNEL

DAILY REPORT

Date 16 / NOV / 2008 Load Numbers 156-159

Area(s) Worked SEC. II 27°45'60 N 82°36'91"W

Weather Conditions (incl. sea conditions) CLEAR, SW 5-10 KTS, 1-2' SEAS

Range of Water Temp., Surface 73° F Below Mid-Depth 73° F

Condition and Effectiveness of Screening VERY GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

MATERIAL DREDGED: SAND WITH FEW SHELLS & ROCK

BIOTA: GASTROPOD & BIVALVES, STING RAYS, CAT FISH, HORSESHOE CRABS, HERMIT CRABS, STARFISH SMALL FISH, SNAILS, WORMS, SEA WHIP, STONE CRAB

ABIOTA: TRASH, METAL, ROPE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TURSIOPS TRUNCATUS	BOTTLENOSE	4-5 1015 HRS AT DIG SITE
"	"	4-5 1030 HRS DIG SITE
"	"	IN AREA ALL DAY - EN ROUTE TO DUMP

Observer(s) on duty HEATHER PAIGE, JASON SCOTT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: St. Pete Entrance

DAILY REPORT

Date 17 / Nov / 00 Load Numbers 160-162

Area(s) Worked Section 11

Weather Conditions (incl. sea conditions) P Cloudy, Some Rain, Wind: Strong NW

Range of Water Temp., Surface 71° f Below Mid-Depth 71° f

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

SAND

By Catch: HS Crab, Sting Ray, Catfish, Hermit Crab, Clams, Oysters, Olives, moonsnails, Welks, conchs, Quahogs, cockles, Seaworms

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	2-3	0930 At Dig site
Tt	4-5	1405 Egmont Key

Observer(s) on duty Jason Scott Heather Paige

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N WEEKS

Project: St. Pete Entrance

DAILY REPORT

Date 18 / Nov / 2000 Load Numbers 163 - 169

Area(s) Worked Section 11

Weather Conditions (incl. sea conditions) P Cloudy, Wind strong

Range of Water Temp., Surface 71° Below Mid-Depth 71°

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

SAND

By-catch: Sting Rays, Catfish, Seaworms, Starfish, clams, Oysters, cockles, Welks, conchs, olives, Moonsnails, Sea whip

* found old Pelvic bone of Mammal; larger than a deer, maybe a cow

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

WEEKLY SUMMARY

Dates 11/12/00 - 11/18/00 Load Numbers 145-165

Range of Water Temp., Surface 71°-75° F Below Mid-Depth 71°-74° F

Areas Worked (lat/longs, stations) TURNING BASIN 27°45N 82°37W & SEC. 11

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES THIS WEEK.

BIOTIC SPECIMENS FOUND ARE: HORSESHOE CRABS, STING RAYS, CATFISH, STARFISH, CLAMS, WHELKS, CONCHS (HORSE, FIGHTING) OYSTERS, QUAHOGS, GIANT COCKLES, OLIVES, MOON SNAILS, HERMIT CRABS, SEA WORMS, SEA WHIP, STONE CRAB.

ABIOTIC MATERIAL: TRASH, METAL & ALUMINUM PARTS FISHING LINE, ROPE

MATERIAL DREDGED IS SAND WITH SOME ROCK IN TURNING BASIN. MATERIAL IN SECTION 11 IS MOSTLY SAND W/ SHELLS & SHELL DEBRIS.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
11/12	TURSIOPS TRUNCATUS - BOTTLENOSE 5	AT DIG SITE
11/15	TURSIOPS TRUNCATUS - BOTTLENOSE 10-14	AT EGMONT
11/16	TURSIOPS TRUNCATUS - BOTTLENOSE 8-12	AT DIG, DUMP, IN AREA ALL DAY
11/17	TURSIOPS TRUNCATUS - BOTTLENOSE 6-8	AT DIG & DUMP SITE
/		
/		
/		

Observers on duty HEATHER PAIGE & JASON SCOTT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: St. Pete Entrance Channel

DAILY REPORT

Date 19 / Nov / 2000 Load Numbers 166-168

Area(s) Worked Section 11

Weather Conditions (incl. sea conditions) Cloudy, windy, Beaufort 1-2

Range of Water Temp., Surface 71-72° Below Mid-Depth 71° F

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

SAND

By-catch: Sting Ray, Catfish, HS Crab, Clamss, Oysters, [redacted], welks, conchs, cockles, olives, moonsnail, Seaworms scallops, Augers

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty Heather Paige, Jason Scott

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R N Weeks

Project: St Pete Entrance Channel

DAILY REPORT

Date 20 / Nov / 2000 Load Numbers 169-171

Area(s) Worked Section 1

Weather Conditions (incl. sea conditions) Cloudy-clear, NE Wind 15-20, 2-3' seas

Range of Water Temp., Surface 71° Below Mid-Depth 71°

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

SAND

By-catch: Stingray, Catfish, HS Crab, Gastropods, Bivalves

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	5-6	09:23 Near Egmont

Observer(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R.N. WEEKS

Project: ST PETE ENTRANCE

DAILY REPORT

Date 21 / NOV / 00 Load Numbers 172, 173

Area(s) Worked Section 11

Weather Conditions (incl. sea conditions) Clear, N 10-20 KTS, 3-4' seas

Range of Water Temp., Surface 68-69° Below Mid-Depth 68-69°

Condition and Effectiveness of Screening Good

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

SAND

By catch: stingray, starfish, catfish, HS Crab, Gastropods, Bivalves, seaworms

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty H. PAIGE, JASON SCOTT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R.M. MEEKS

Project: ST PETE ENTRANCE

DAILY REPORT

Date 11 / 22 / 00 Load Numbers 174-175

Area(s) Worked SEC. 11

Weather Conditions (incl. sea conditions) CLEAR, N 10-20 KTS, 2-4' seas

Range of Water Temp., Surface 68°-69° F Below Mid-Depth 68°-69° F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

MATERIAL DREDGED IS SAND WITH VERY LITTLE DEBRIS OR TRASH.

BIOTIC SPECIMENS: STING RAYS, CATFISH, SKATE GASTRO POD & BIVALVE SHELLS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty JASON SCOTT, HEATHER PAIGE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RW WEEKS

Project: ST PETE ENTRANCE

DAILY REPORT

Date 23 / NOV / 00 Load Numbers 176-178

Area(s) Worked SEC 11

Weather Conditions (incl. sea conditions) MOSTLY CLEAR, NE 5-15 KTS, 1-3' SEAS

Range of Water Temp., Surface 61° F Below Mid-Depth 61° F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

MATERIAL DREDGED IS SAND WITH VERY LITTLE DEBRIS.

BIOTIC SPECIMENS: STINGRAYS, CAT FISH, HORSE SHOE CRABS, BLUE CRAB, LAMPREY, GASTROPOD & BIVALVES, SEA WORMS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	2-3	ENROUTE TO PUMPOUT 1145 hrs
Tt	2-3	AT EGMONT 1210
Tt	2	" " 1240

Observer(s) on duty HEATHER PAIGE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 24 / 11 / 00 Load Numbers 179-180

Area(s) Worked SEC. 11

Weather Conditions (incl. sea conditions) CLOUDY, ESE TO NE 5-15 KTS, 2-3' SEAS

Range of Water Temp., Surface 60°F Below Mid-Depth 60°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

MATERIAL DREDGED IS SAND WITH VERY LITTLE SHELL DEBRIS OR TRASH.

BIOTIC SPECIMENS: HORSESHOE CRABS, CATFISH, STINGRAYS, GASTROPOD & BIVALVE SHELLS, HERMIT CRABS

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	2	0900 IN CHANNEL

Observer(s) on duty HEATHER PAIGE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RN WEEKS

Project: STPETE ENTRANCE CHANNEL

DAILY REPORT

Date 25 / 11 / 00 Load Numbers 181 - 182

Area(s) Worked SEC. 11 CLEANUP

Weather Conditions (incl. sea conditions) T-STORMS, 5-35 KTS, SEAS 2-5'

Range of Water Temp., Surface 61°F Below Mid-Depth 61°F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

MATERIAL DREDGED IS SAND, VERY LITTLE DEBRIS.

BIOTA: HORSESHOE CRABS, SEA STARS, STINGRAY, CATFISH, GASTROPOD & BIVALVES & THEIR SHELLS, HERMIT CRABS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty HEATHER PAIGE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: RW WEEKS

Project: ST PETE ENTRANCE CHANNEL

DAILY REPORT

Date 26 / 11 / 00 Load Numbers 183

Area(s) Worked SEC. 11 CLEANUP

Weather Conditions (incl. sea conditions) OVERCAST, RAIN, E 5 KTS, 1' SEAS

Range of Water Temp., Surface 62° F Below Mid-Depth 62° F

Condition and Effectiveness of Screening GOOD

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

MATERIAL IS SAND WITH VERY LITTLE DEBRIS.

BIOTA: HORSESHOE CRABS, SEA STARS, GASTROPODS & BIVALVES & THEIR SHELLS.

LOAD #183 MARKS LAST LOAD OF PROJECT.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TT	2	0805 EN ROUTE TO EGMONT

Observer(s) on duty HEATHER PAIGE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge RN WEEKS

Project ST PETE ENTRANCE CHANNEL

WEEKLY SUMMARY

Dates: 19 / 11 / 00 - 26 / 11 / 00 Loads: 166-183

Range of H_2O Temperature: Surface 60°-72°F Below Mid-Depth 60°-71°F

Area(s) Worked: SEC. 11

Are there incidents involving endangered or protected species? Yes____ No X

Comments:

MATERIAL DREDGED WAS SAND WITH SOME SHELL DEBRIS & VERY LITTLE TRASH.

BIOTIC SPECIMENS FOUND WERE: HORSESHOE CRABS, SEA STARS, CATFISH, STINGRAYS, SKATE, BLUE CRAB, HERMIT CRABS, LAMPREY, SEA WORMS, GASTROPOD & BIVALVES & THEIR SHELLS.

LOAD # 183 MARKS THE END OF THE DIGGING FOR RN WEEKS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	5-6	0923 NEAR EGMONT 20-11-00
T. truncatus	3	6-8	EN ROUTE & AT EGMONT 23-11-00
T. truncatus	1	2	0910 IN CHANNEL 24-11-00
T. truncatus	1	2	0805 EN ROUTE TO EGMONT 26-11-00

Observers On Duty: JASON SCOTT, HEATHER PAIGE