ENDANGERED SPECIES OBSERVER PROGRAM

~~Project~~: Found at Port Canaveral Dock

No incident ~~INCIDENT~~ REPORT OF SEA TURTLE ~~TAKE BY DREDGING ACTIVITY~~ No dredging activity involved.

Date 02 / 09 / 01 Time(24hr) found at approx. 1700

Species of Turtle ~~Taken~~ found Chelonia mydas (green sea turtle)

~~Dredging~~ Site (channel, port, etc.) Port Canaveral

Location ~~of Take~~ Found: Latitude 28° 24.46' N Longitude 80° 36.12' W

Vessel Name and Company No dredging activity involved.

Type of Dredging Activity No dredging activity involved.

Load # N/A Times: Start N/A End N/A Dump N/A

Sampling Method (overflow, inflow,etc.) N/A

Samples Recovered From Floating near the dock at Port Canaveral.

Condition of Screening N/A

Draghead Deflector? Yes N/A No N/A

Condition of Deflector N/A

Weather Conditions — Tide —

Water Temperature: Surface — Column — C or F (circle one)

Condition of Specimen(s) Sampled Whole, green sea turtle with fishing line tightly wrapped around the neck + front left flipper, also involving the turtle tag. Foul smell. Prefrontal scales and other scales on the top of the head were loose from decomposition.

Measurements--

Give estimate of entire carapace dimensions, as well as fragments sampled (in metric when possible, indicate if not)

Head Width 5.5 cm

Plastron Length 24.3 cm Width 22.4 cm

Carapace S. L. Length — S.L. Width —

Carapace O.C. Length 29.6 cm O.C. Width 25 cm

Turtle Tagged? Yes X left front flipper No _____ Tag # BP8220 Tag Date ? / /

Comments Tag says Dept. of Zoology, Univ. of Florida, Gainsville Florida Photos were taken by Cindy Franz 2/9/01 and Brian Fedorko 2/10/01. On 2/10/01 the dead turtle was given to Rita Kaspie of the Cocoa Beach Area Stranding Network.

Observer's Name Cindy Franz Brian Fedorko

# ENDANGERD SPECIES OBSERVER PROGRAM

Dredge Dodge Island

Project Brevard Co. Florida

## DAILY REPORT

Date: 02 / 10 / 01 Loads: 142-152

Area(s) Worked: 28° 24.012' N x 80° 26.36' W

Weather Conditions: winds SE 10-15 kts, swells 1-3 ft., mostly sunny skies

Range of $H_2O$ Temperature: Surface 18.5°C Below Mid-Depth 18.5°C

Condition of all screening apparatus: All screening apparatus appears to be in good working order.

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

Comments (type of material being dredged, biological specimens, etc.):

- There were no turtle incidents this week. The following turtle was not involved in dredging operations. A dead sea turtle, entangled in fishing line, was seen floating near the docks at Port Canaveral on 2-9-01. The Miami River brought the dead turtle to the observers on the Dodge Island for identification and processing. The turtle was identified as a green sea turtle (Chelonia mydas). On 2/10-01, Chris Slay instructed the observers to get the turtle to Rita Karpie of the Cocoa Beach Area Stranding Network. She will contact the U. of FL at Gainesville who tagged the turtle. We would like to thank everyone involved in getting this valuable research information back to the U. of FL.
- The dredged material continues to be clean sand and some shell.
- Biological by-catch included 2 calico crabs, a skate, flounder, shark head, a fish, 2 speckled worm eels, 2 hermit crabs and the usual shells (bivalves and gastropods) and sand dollars.
- Abiotic material included rope and metal pieces.

### Bridge Watch Summary

| Species | # of Sightings | # of Animals | Comments |
|---|---|---|---|
| Tursiops truncatus (bottlenose dolphin) | several | 15-20 | Seen throughout the day |
| | | | |
| | | | |

Observer(s) On Duty: Cindy Franz Brian Fedorko

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge Dodge Island

Project Patrick AFB, Florida

WEEKLY SUMMARY

Date: 02 / 04 / 01 - 02 / 10 / 01 Load Numbers 152

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

Areas Worked (lat/longs, stations) 28° 24.224' N 80° 26.606' W

**Are there incidents involving endangered or protected species?** **Yes** **No**

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

There was only 1 load this week for the Patrick AFB. After this load the Dodge moved to another project. The dredge will return to the Patrick AFB at a future time.

Biological by-catch included the usual shells (bivalves and gastropods), sand dollars, an unidentified crab, and two hermit crabs.

All screening apparatus appears to be in good working order.

Bridge Watch Summary

| Date | Various Species and Respective Number | Comments |
|---|---|---|
| / | no sightings - this load was dug and pumped at night | |
| / | | |
| / | | |
| / | | |
| / | | |
| / | | |
| / | | |

Observer(s) on Duty: Cindy Frang Brian Fedako

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge Dodge Island

Project Brevard Co. Florida

WEEKLY SUMMARY

Date: 02 / 04 / 01 - 02 / 10 / 01 Load Numbers 85 - 152

Range of Water Temp., Surface 16-18.5°C Below Mid-Depth 16-18.5°C

Areas Worked (lat/longs, stations) 28° 24.012' N x 80° 26.36' W

**Are there incidents involving endangered or protected species?** **Yes** (No)

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

- There were no turtle incidents this week. We would, however, like to thank all those who helped get a dead, tagged green sea turtle and the valuable information it holds, back to the Univ. of FL at Gainsville. Please note this turtle was not involved in dredging operations. For more information please see the Feb. 9 & 10 daily reports.
- On 2-5-01, a large, unidentified whale was sighted at 0853 about two miles from the dig site. Two blows and a head & back were briefly seen, but due to the great distance a positive I.D. was not made.
- All screening apparatus appears to be in good working order.
- Biological by-catch included 5 calico crabs, 4 hermit crabs, 6 unidentified crabs, a skate, flounder, shark head, 1 unidentified fish, 3 eels, 2 starfish, 2 inshore lizard fish, 1 naked sole, 2 cannonball jellyfish and the usual shells (bivalves + gastropods) and sand dollars.
- Abiotic material included metal scraps, milk jug, and plastic bag.

Bridge Watch Summary

| Date | Various Species and Respective Number | animal no. | Comments |
|---|---|---|---|
| 02/05 | unidentified large whale | 1 | blows seen at 0845, over 2 miles away |
| 02/04 | Tursiops truncatus (dolphins) | 4-6 | 1245 - on way to dump site |
| 02/05 | " " | 15-20 | Seen throughout the day |
| 02/06 | " " | 38-40 | " " " " |
| 02/07,08,09,10 | " " | 20+ | " " " " |
| / | | | |
| 02/07 | Mola mola (ocean sunfish) | 2 | Seen at the borrow area and north of the dump site. |

Observer(s) on Duty: Cindy Franz Brian Fedako