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Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Bays Santiago Pass Vessel: Miss Anna Captain John Hardy
Crew:

Date: 06 Dec 02
Time: 1901 to 1941
Shift#: 001
Dredge Location:
Total Tow Time: ~~Both~~ 40 min.

Survey:
Relocation 1
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0943
High Tide Time: 1930
Ebb: Flood ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3
Air Temperature: 41°F
Wind Speed/Direction: NE/12K
Barometric Pressure:

BEGIN TOW

Time: 1901
Depth: 43.9
Speed Mid-Tow: 2.5 knots
Latitude: 26° 03 501
Longitude: 97° 07. 490
Loran:
Station/Buoys: ~~Both~~ 2 3

END TOW

Time: 1941
Depth: 40.2 ft
Total Tow Distance: ft
Latitude: 26° 03 55
Longitude: 97° 08 02
Loran:
Station/Buoys: 2 3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 Striped Burr fish
1 Whiting
6 Jellies
1 Hard Head Catfish
1 Lady Crab

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Sidbage Vessel: Miss Anna Captain John Lindy
Crew: Pass

Date: 06 Dec 02
Time: 1953 to 2033
Shift#: 002
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0943
High Tide Time: 1930
Ebb: Flood ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3
Air Temperature: 46°F
Wind Speed/Direction: 0812K
Barometric Pressure:

BEGIN TOW

Time: 1953
Depth: 39
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 57
Longitude: 97 08 15
Loran:
Station/Buoys: 2 & 3

END TOW

Time: 2033
Depth: 43.3 ft
Total Tow Distance: ft
Latitude: 26 07 00
Longitude: 97 07 19
Loran:
Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 Butterfly Ray
5 Harvest fish
1 Clearnose Skates
2 Rock Crab
1 Blue Claw Crab
4 Jelly fish
1 Stupid Burr fish
1 Squid

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Sea Trage Vessel: Miss Anna Captain John Hardy
Crew: Pass

Date: 06 Dec 02
Time: 2042 to 2122
Shift#: 003
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0943
High Tide Time: 1930
Ebb: Flood
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3
Air Temperature: 46°F
Wind Speed/Direction: N@12K
Barometric Pressure:

BEGIN TOW

Time: 2042
Depth: 43.3
Speed Mid-Tow: 2.5 knots
Latitude: 26 03 50
Longitude: 97 07 44
Loran:
Station/Buoys: 2 & 3

END TOW

Time: 2122
Depth: 50.1 ft
Total Tow Distance: ft
Latitude: 26 03 53
Longitude: 97 06 50
Loran:
Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 triggerfish
5 Butterfly Rays
1 Blue Claw Crab
7 jellyfish (1) upside down
1 harvest fish
1 Striped Burr fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain John Lively
Crew:

Date: 06 Dec 02
Time: 2129 to 2209
Shift#: 004
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0943
High Tide Time: 1930
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3
Air Temperature: 46°F
Wind Speed/Direction: N@15K
Barometric Pressure:

BEGIN TOW

Time: 2129
Depth: 50.0
Speed Mid-Tow: 2.6 knots
Latitude: 26 03 58
Longitude: 97 04 48
Loran:
Station/Buoys: 2&3

END TOW

Time: 2209
Depth: 41.3 ft
Total Tow Distance: ft
Latitude: 26 03 59
Longitude: 97 07 54
Loran:
Station/Buoys: 2&3

NUMBER OF TURTLES

Port Net: 4

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Squid
5 Harvest fish
2 Striped Burrfish
4 Jellies
2 Rock Crabs
4 Whitings
3 Yellow tail

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain John Hardy
Crew: Pass

Date: 06 Dec 02
Time: 2217 to 2259
Shift#: 005
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0943
High Tide Time: 1930
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3
Air Temperature: 46°F
Wind Speed/Direction: N@12K
Barometric Pressure:

BEGIN TOW

Time: 2217
Depth: 42.5
Speed Mid-Tow: 2.5 knots
Latitude: 26 03.55
Longitude: 97 07.28
Loran:
Station/Buoys: 2 & 3

END TOW

Time: 2257
Depth: 36 ft
Total Tow Distance: ft
Latitude: 26 06.00
Longitude: 97 08.03
Loran:
Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Battlefly Ray
2 Harvest fish
3 Jellyfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J Hardy
Crew:

Date: 06 Dec 02
Time: 2305 to 2345
Shift#: 006
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0943
High Tide Time: 1930
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3
Air Temperature: 76°F
Wind Speed/Direction: NW 15K
Barometric Pressure:

BEGIN TOW

Time: 2305
Depth: 40.2
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.56
Longitude: 97.0813
Loran:
Station/Buoys: 2 & 3

END TOW

Time: 2345
Depth: 42.1 ft
Total Tow Distance: ft
Latitude: 26 03 58
Longitude: 97 07 36
Loran:
Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

7 Jelly fish
2, Butterfly Rays
1 Rock Crab
1 Croaker
1 Cutlass fish
3 Striped Burr fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew:

Date: 07 Dec 02
Time: 0014 to 0055
Shift#: 007
Dredge Location: —
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1034
High Tide Time:
Ebb: ✓
Slack Ebb: ____ Slack Flood ____
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 1-2
Air Temperature: 46°F
Wind Speed/Direction: N @ 12k
Barometric Pressure:

BEGIN TOW

Time: 0014
Depth: 44
Speed Mid-Tow: 2.6 knots
Latitude: 26 03' 35.2
Longitude: 97° 07' 59.1
Loran:
Station/Buoys: 23

END TOW

Time: 0055
Depth: 53+ ft
Total Tow Distance: ft
Latitude: 26 03' 53.1
Longitude: 97° 07' 05.8
Loran:
Station/Buoys: 23

NUMBER OF TURTLES

Port Net: 4

Logger:
Kemp:
Green:
Other:

Starboard Net: 4

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

8 SHARED BUFFISH
2 CROAKERS
1 BLACK DRUM
1 LESSER BLUE CRAB
4 JELLY FISH

Added tickler chain to nets

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: BRAZOS SANTIAGO Vessel: MISS ANNA Captain JOHNNY HARDY
Crew: PASS

Date: 07 DEC 02
Time: 0104 to 0149
Shift#: 308
Dredge Location: —
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1034
High Tide Time:
Ebb: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 3 ft
Air Temperature: 52 °F
Wind Speed/Direction: N 6-12 K/s
Barometric Pressure:

BEGIN TOW

Time: 0107
Depth: 53
Speed Mid-Tow: 2.4 knots
Latitude: 26° 04' 22.5
Longitude: 97° 07' 32.4
Loran:
Station/Buoys:

END TOW

Time: 0149
Depth: 49 ft
Total Tow Distance: ft
Latitude: 26° 03' 58.7
Longitude: 97° 07' 14.5
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net:
0
Logger:
Kemp:
Green:
Other:

Starboard Net:
0
Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 BUTTERFLY RAY
1 CUTLASS FISH
JELLY FISH
1 LEOPARD BELLY CRAB

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: BRAZOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew:

Date: 07 DEC 02
Time: 0154 to 0237
Shift#: 009
Dredge Location: —
Total Tow Time: 39 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1034
High Tide Time:
Ebb: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 3 ft
Air Temperature: 46° F
Wind Speed/Direction: N @ 12 kts
Barometric Pressure:

BEGIN TOW

Time: 0158
Depth: 51
Speed Mid-Tow: 2.3 knots
Latitude: 26° 03 58.9
Longitude: 97° 00' 57.0
Loran:
Station/Buoys: 233 → 1 1/2 MILE ~~FROM~~ SEA BUOY

END TOW

Time: 0237
Depth: 46 ft
Total Tow Distance: ft
Latitude: 26° 03 53.9
Longitude: 97° 07' 42.5
Loran:
Station/Buoys: 1 1/2 MILE fm JETTY

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 "ROUGHTAIL" STINGRAY
4 STRIPED BURRFISH
2 CRUAKERS
3 MOONFISH
1 "GRUNT" (SP. ?)
JELLYFISH

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: BAZOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew: _____

Date: 07 Aug 02
Time: 0245 to 0324
Shift#: 010
Dredge Location: —
Total Tow Time: 39 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1034
High Tide Time: _____
Ebb: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 3/4
Air Temperature: 45°F
Wind Speed/Direction: NW 10KTS
Barometric Pressure: _____

BEGIN TOW

Time: 0245
Depth: 49
Speed Mid-Tow: 2.8 knots
Latitude: 26° 04' 01.4
Longitude: 97° 07' 15.6
Loran: _____
Station/Buoys: _____

END TOW

Time: 0324
Depth: 40 ft
Total Tow Distance: _____ ft
Latitude: 26° 03' 27.4
Longitude: 97° 08' 25.6
Loran: _____
Station/Buoys: _____

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 METAL SURFACES OF DOOR W/ BRIGHT SHINE

1 BUTTERFLY RAY
1 STRIPED BURRFISH
JELLY FISH

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: BAZOS SANTIAGO Vessel: MISS ANNA Captain JOHNNY HARRY
Crew: PAUL

Date: 07 JUL 02
Time: 0332 to 0812
Shift#: 011
Dredge Location: —
Total Tow Time: 40 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1034
High Tide Time: _____
Ebb: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3ft
Air Temperature: 45°F
Wind Speed/Direction: NE 5 KTS
Barometric Pressure: _____

BEGIN TOW

Time: 0332
Depth: 30
Speed Mid-Tow: 2.9 knots
Latitude: 26° 04' 01.04"
Longitude: 97° 03' 07.2"
Loran: _____
Station/Buoys: 213

END TOW

Time: 0412
Depth: 56 ft
Total Tow Distance: _____ ft
Latitude: 26° 03' 55.0"
Longitude: 97° 02' 14.6"
Loran: _____
Station/Buoys: _____

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

16 CROAKERS
2 BATHMALY RAYS
JELLYFISH

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SEA TURTLE TRAWLING REPORT

Channel: BAYOU SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew: _____

Date: 07 DEC 02
Time: 0721 to 0900
Shift#: 012
Dredge Location: —
Total Tow Time: 59 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1031
High Tide Time: _____
Ebb: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2 ft
Air Temperature: 45° F
Wind Speed/Direction: N 20 kts
Barometric Pressure: _____

BEGIN TOW

Time: 0721
Depth: 41
Speed Mid-Tow: 2.5 knots
Latitude: 29° 03' 00.2
Longitude: 89° 07' 41.8
Loran: _____
Station/Buoys: 2/3 ~~2 1/2 miles out~~

END TOW

Time: 0820
Depth: 55 ft
Total Tow Distance: _____ ft
Latitude: 29° 03' 53.0
Longitude: 89° 06' 33.3
Loran: _____
Station/Buoys: 1 1/2 miles out

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 Southern Stingray
1 Butterfly Ray
4 Croakers
1 Harvest Fish
Jelly Fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: [illegible] Santiago Pass Vessel: MISS ANNA Captain: Johnny Hardy
Crew:

Date: 07 DEC 02
Time: 0514 to 0551
Shift#: 013
Dredge Location: —
Total Tow Time: 37 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1034
High Tide Time:
Ebb: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3 ft
Air Temperature: 46 °F
Wind Speed/Direction: N @ 5 kts
Barometric Pressure:

BEGIN TOW

Time: 0514
Depth: 52
Speed Mid-Tow: 2.7 knots
Latitude: 26° 74' 02.4
Longitude: 97° 06' 50.2
Loran:
Station/Buoys: 2/3

END TOW

Time: 0551
Depth: 55 ft
Total Tow Distance: ft
Latitude: 26° 03.927
Longitude: 97° 07.846
Loran:
Station/Buoys: 1/2 mile fm Jelly

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

* change GPS from M'S" to M.M'

2 butterfly rays
1 south. stingray
~12 croakers
4 pinfish
15 pipefish
6 mullefish
2 harvest fish

Jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: BAR 20 SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARRIS
Crew:

Date: 07 JUL 02
Time: 0604 to 0846
Shift#: 014
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: L
Rocks:
Snag:
Other:

Low Tide Time: 1034
High Tide Time: 2043
Ebb: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3 ft
Air Temperature: 46 F
Wind Speed/Direction: NO ENTS
Barometric Pressure:

BEGIN TOW

Time: 0606
Depth: 44
Speed Mid-Tow: 2.9 knots
Latitude: 26° 04 675
Longitude: 97° 06 961
Loran:
Station/Buoys: 213

END TOW

Time: 0846
Depth: 39.7 ft
Total Tow Distance: ft
Latitude: 26° 03 871
Longitude: 97° 08 132
Loran:
Station/Buoys: 213

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Butterfly Ray
2 Whipped Butt fish
5 Lookdown
8 Jelly fish
1 Sheepshead
3 Croaker
2 Rock Crab
5 Mullet

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: PASS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARRY
Crew:

Date: 07 DEC 02
Time: 0653 to 0733
Shift#: 015
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1034
High Tide Time: 2043
Ebb:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3
Air Temperature: 46°F
Wind Speed/Direction: ~~NW 6-8~~
Barometric Pressure:

BEGIN TOW

Time: 0653
Depth: 41.0
Speed Mid-Tow: 3.0 knots
Latitude: 26° 03 859
Longitude: 97° 07.601
Loran:
Station/Buoys: 943

END TOW

Time: 0733
Depth: 37.2 ft
Total Tow Distance: ft
Latitude: 26° 01.03
Longitude: 97° 07 73
Loran:
Station/Buoys: 943

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

6 Flattenings
1 Sheepshead
20 Jelly fish
1 Butterfly Ray
4 mullet
3 Croakers

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos/Santiago Pass Vessel: Miss Anne Captain D Hardy
Crew: _____

Date: 07 Dec 02
Time: 0738 to 0818
Shift#: 0116
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1034
High Tide Time: 2043
Ebb: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3
Air Temperature: 46°F
Wind Speed/Direction: NW 10K
Barometric Pressure: _____

BEGIN TOW

Time: 0738
Depth: 33.3
Speed Mid-Tow: _____ knots
Latitude: 26 04.032
Longitude: 97 08.081
Loran: _____
Station/Buoys: 243

END TOW

Time: 0818
Depth: 37.6 ft
Total Tow Distance: _____ ft
Latitude: 26 04.01
Longitude: 97 07.93
Loran: _____
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 Butterfly Ray
10 Jellyfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Mistress Captain J Hardy
Crew: MDS

Date: 17 Dec 02
Time: 0835 to 1015
Shift#: 017
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1034
High Tide Time: 2043
Ebb: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: NE/W
Barometric Pressure: _____

BEGIN TOW

Time: 0835
Depth: 40.5
Speed Mid-Tow: 2.7 knots
Latitude: 26 03 98
Longitude: 97 09 52
Loran: _____
Station/Buoys: 243

END TOW

Time: 0915
Depth: 47.2 ft
Total Tow Distance: _____ ft
Latitude: 26 03 65
Longitude: 97 07 07
Loran: _____
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

10's of Jellyfish
1 Sea Trout
10 Hardheads
5 Butterfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anne Captain J Hardy
Crew:

Date: 07 Dec 02
Time: 0923 to 1003
Shift#: 018
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1034
High Tide Time: 2043
Ebb: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 20°
Wave Height: 1-2
Air Temperature: 50°F
Wind Speed/Direction: S@10K
Barometric Pressure:

BEGIN TOW

Time: 0923
Depth: 42.1
Speed Mid-Tow: 2.4 knots
Latitude: 2603.86
Longitude: 9707.47
Loran:
Station/Buoys: 2&3

END TOW

Time: 1003
Depth: 43.8 ft
Total Tow Distance: ft
Latitude: 2604.04
Longitude: 9707.26
Loran:
Station/Buoys: 2&3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

jelly fish
2 pinfish
10 lookdowns
1 Croaker

Updated 10-01

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Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy
Crew: Paco

Date: 07 Dec 02
Time: 1016 to 1052
Shift#: 019
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1034
High Tide Time: 2043
Ebb:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 20°
Wave Height: 2-3
Air Temperature: 62°F
Wind Speed/Direction: E @ 10K
Barometric Pressure:

BEGIN TOW

Time: 1010
Depth: 45.6
Speed Mid-Tow: 2.3 knots
Latitude: 26 06.95
Longitude: 97 07.05
Loran:
Station/Buoys: 223

END TOW

Time: 1052
Depth: 40.7 ft
Total Tow Distance: ft
Latitude: 26 04 00
Longitude: 97 07 49
Loran:
Station/Buoys: 223

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 mullet
10 lookdowns
1 Shipshead
jellies
1 Butterfly Ray

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hurley
Crew: PAUL

Date: 07 DEC 00
Time: 1058 to 1138
Shift#: 020
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1034
High Tide Time: 2043
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 20°
Wave Height: 2-3
Air Temperature: 62°F
Wind Speed/Direction: E/SE/ICK
Barometric Pressure:

BEGIN TOW

Time: 1058
Depth: 41.4
Speed Mid-Tow: 2.7 knots
Latitude: 26 04.01
Longitude: 97 07.09
Loran:
Station/Buoys: 223

END TOW

Time: 1138
Depth: 37.2 ft
Total Tow Distance: ft
Latitude: 26 03.96
Longitude: 97 08.16
Loran:
Station/Buoys: 223

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 Harvest fish
5 Lookdowns
1 Seatrout
1 Mullet
Jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew:

Date: 07 Dec 02
Time: 1150 to 1230
Shift#: 021
Dredge Location: —
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1034
High Tide Time: 2013
Ebb: Flood: ✓
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 20 °C/F)
Wave Height: 2-3
Air Temperature: 62°F
Wind Speed/Direction: SE/10K
Barometric Pressure:

BEGIN TOW

Time: 1150
Depth: 34.2
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.01
Longitude: 97 08.14
Loran:
Station/Buoys: 2 & 3

END TOW

Time: 1230
Depth: 45 ft
Total Tow Distance: ft
Latitude: 26 04.12 S
Longitude: 97 07.426
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 BUTTERFLY RAY
1 COWNOSE RAY
~20 MOONFISH
1 CROAKER
1 SQUID
1 HARDHEAD CATFISH

JELLY FISH

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy

Crew: Pass

Date: 07 Dec 02

Time: 1243 to 1323

Shift#: 022

Dredge Location: —

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1034

High Tide Time: 2043

Ebb: Flood: ✓

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 20°C/F)

Wave Height: 2-3

Air Temperature: 60°F

Wind Speed/Direction: E @ 10K

Barometric Pressure:

BEGIN TOW

Time: 1243

Depth: 42

Speed Mid-Tow: 2.5 knots

Latitude: 26° 04.140

Longitude: 97° 07.847

Loran:

Station/Buoys:

END TOW

Time: 1323

Depth: 52 ft

Total Tow Distance: ft

Latitude: 26° 03.915

Longitude: 97° 07.078

Loran:

Station/Buoys:

NUMBER OF TURTLES

Port Net: Ø

Logger:

Kemp:

Green:

Other:

Starboard Net: Ø

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

8 Butterfly Rays

~15 Moonfish

4 Crabs

1 Squid

Jelly Fish

1 Cutlass Fish

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SEA TURTLE TRAWLING REPORT

Channel: BAHOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARVEY
Crew: _____

Date: 07 DEC 02
Time: 1332 to 1411
Shift#: 023
Dredge Location: —
Total Tow Time: 39 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1034
High Tide Time: 1743
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 26 °C/F)
Wave Height: 2-3 ft
Air Temperature: 62 F
Wind Speed/Direction: E @ 6kts
Barometric Pressure: _____

BEGIN TOW

Time: 1332
Depth: 44
Speed Mid-Tow: 2.5 knots
Latitude: 26° 03.077
Longitude: 97° 07.394
Loran: _____
Station/Buoys: _____

END TOW

Time: 1411
Depth: 47 ft
Total Tow Distance: _____ ft
Latitude: 26° 03 927
Longitude: 97° 07.449
Loran: _____
Station/Buoys: _____

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 STRIPED BURRFISH
2 BUTTERFLY RAYS
~ 10 MOONFISH
~ 10 MENHADEN
2 LOOKDOWNS
JELLY FISH

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SEA TURTLE TRAWLING REPORT

Channel: BRAZOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew: _____

Date: 07 Dec 02
Time: 1421 to 1500
Shift#: 024
Dredge Location: —
Total Tow Time: 39 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1034
High Tide Time: 2093
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 26 °C/F)
Wave Height: 2-3 ft
Air Temperature: 62 °F
Wind Speed/Direction: E @ 5 kts
Barometric Pressure: _____

BEGIN TOW

Time: 1421
Depth: 33
Speed Mid-Tow: 2.9 knots
Latitude: 26° 03.578
Longitude: 97° 08.935
Loran: _____
Station/Buoys: _____

END TOW

Time: 1500
Depth: 41 ft
Total Tow Distance: _____ ft
Latitude: 26° 04.030
Longitude: 97° 07.695
Loran: _____
Station/Buoys: _____

NUMBER OF TURTLES

Port Net: _____

Logger: 4
Kemp: _____
Green: _____
Other: _____

Starboard Net: _____

Logger: 4
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 Sea Turtle RK
~ 15 Menhaden
1 Harvest Fish
Jelly Fish

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SEA TURTLE TRAWLING REPORT

Channel: BAYOU SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew: _____

Date: 27 DEC 02
Time: 1510 to 1550
Shift#: 035
Dredge Location: —
Total Tow Time: 40 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1634
High Tide Time: 2043
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17 °C/F)
Wave Height: 2-3 ft
Air Temperature: 58°F
Wind Speed/Direction: E @ 6 kts
Barometric Pressure: _____

BEGIN TOW

Time: 1510
Depth: 50
Speed Mid-Tow: 2.8 knots
Latitude: 29° 03.988
Longitude: 89° 17.274
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1550
Depth: 42 ft
Total Tow Distance: _____ ft
Latitude: 29° 03.988
Longitude: 89° 08.105
Loran: _____
Station/Buoys: _____

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 BUTTERFLY RAY
~25 MOONFISH
1 STRIPED BURRFISH
JELLYFISH

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain Johnny Hardy
Crew:

Date: 07 Dec 02
Time: 1601 to 1641
Shift#: 024
Dredge Location: —
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: —

SUBSTRATE
Mud:
Sand: —
Rocks:
Snag:
Other:

Low Tide Time: 1634
High Tide Time: 2043
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 17 °C/F)
Wave Height: 2-3 ft
Air Temperature: 58 °F
Wind Speed/Direction: E @ 5 kts
Barometric Pressure:

BEGIN TOW

Time: 1601
Depth: 38
Speed Mid-Tow: 2.9 knots
Latitude: 26° 04.030
Longitude: 97° 08.143
Loran:
Station/Buoys:

END TOW

Time: 1641
Depth: 49 ft
Total Tow Distance: ft
Latitude: 26° 04.343
Longitude: 97° 06.833
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net:

Logger: 1
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 red drappers
~15 moonfish
jelly fish

C Caretta Port Net

See Report

Updated 10-01

Sea Turtle Tagging Data Report

(1)

Channel: BRAZOS SANTIAGO PASS
Tow #: 26
Species: Caretta caretta

Date: 07 DECEMBER 2002
Net (circle) Port Starboard
Sex (circle) Male Female Unknown

Capture Information:

Capture Location: State: TEXAS County: CAMERON
Lat: 26° 04.363' N Long: 97° 06.833' W
CaptureMethod: OTTER TRAWL

Flipper Tag Information:

Left: XXZ 984
Right: XXZ 985
PIT Tag #: —

Species Information:

Straight Carapace Length: (n-n) 69.8 (t-t) 72.5 Straight Carapace Width: 55.6

Curved Carapace Length: (n-n) 75 (t-t) 77 Curved Carapace Width: 72

Plastron Length: 55 Plastron Width: 49.5

Tail Length: 13.5 Head Width: 13.5

Condition of Specimen: HEALTHY

Miscellaneous:

Blood taken: YES (NO) _____ # of vile
Photos takes: (YES) NO
Recapture: _____ this effort _____ previous effort
Organization Tagging: REMSA
Personnel: TARA FITZPATRICK GARY SUNDIN

Turtle Release Information:

Date: 07 DEC 02 Time: 1819
Lat: 26° 00.943 N Long; 97° 05.128' W
State: TEXAS County: CAMERON

Remarks: (note injuries, gear or debris entanglement, wounds or mutations, propeller damage, papillomas, tag locations, etc.)

HEALTHY JUVENILE C. caretta; LIGHT BARNACLE FOULING

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SEA TURTLE TRAWLING REPORT

Channel: BRAZOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew:

Date: 07 DEC 02
Time: 1653 to 1733
Shift#: 027
Dredge Location: —
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1634
High Tide Time: 2043
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 17 °C/F)
Wave Height: 2-3
Air Temperature: 58°F
Wind Speed/Direction: E @ 8 Kts
Barometric Pressure:

BEGIN TOW

Time: 1653
Depth: 40
Speed Mid-Tow: 2.6 knots
Latitude: 26° 04.239
Longitude: 97° 07.472
Loran:
Station/Buoys:

END TOW

Time: 1733
Depth: 50 ft
Total Tow Distance: ft
Latitude: 26° 04.044
Longitude: 97° 07.173
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net:

Logger: ∅
Kemp:
Green:
Other:

Starboard Net: ∅

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

Jelly Fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Bays Landing Vessel: Miss Anna Captain B Hardy
Crew: MSS

Date: 11 Dec 04
Time: 1853 to 1933
Shift#: 028
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time:
High Tide Time: 2043
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 17 °C/F)
Wave Height: 2-3
Air Temperature: 54°F
Wind Speed/Direction: E @ 10k
Barometric Pressure:

BEGIN TOW

Time: 1853
Depth: 17.2
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.88
Longitude: 97 07.03
Loran:
Station/Buoys: 783

END TOW

Time: 1933
Depth: 35.5 ft
Total Tow Distance: ft
Latitude: 26 04.17
Longitude: 97 01.68
Loran:
Station/Buoys: 783

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Butterfly Ray
2 Stupid Boardfish
4 Butterfish
5 Lookdown
5 Jellies
1 Mullet

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Mustang Captain D. Hardy
Crew:

Date: 07 Dec 02
Time: 1941 to 2021
Shift#: 029
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time:
High Tide Time: 2043
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 17 C/F)
Wave Height: 2-3
Air Temperature: 67 F
Wind Speed/Direction: calm
Barometric Pressure:

BEGIN TOW

Time: 1941
Depth: 44.1
Speed Mid-Tow: 2.6 knots
Latitude: 26 01.22
Longitude: 97 07.26
Loran:
Station/Buoys: 283

END TOW

Time: 2021
Depth: 34.7 ft
Total Tow Distance: ft
Latitude: 26 04.04
Longitude: 97 08.14
Loran:
Station/Buoys: 283

NUMBER OF TURTLES

Port Net: 0
Starboard Net: 0

Logger:
Kemp:
Green:
Other:

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

6 Butterfish
1 Butterfly Ray
2 Striped Burrfish
1 Squid
6 Jellyfish
10 Hardhead
5 Hardtail

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: San Diego Bay Vessel: Miss Laura Captain D Hartley
Crew: Pass

Date: 07 Dec 07
Time: 2030 to 2110
Shift#: 030
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time:
High Tide Time: 2043
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 17 °C/F)
Wave Height: 2-3
Air Temperature: 67°F
Wind Speed/Direction: Calm
Barometric Pressure:

BEGIN TOW

Time: 2030
Depth: 39.6
Speed Mid-Tow: 2.4 knots
Latitude: 26 03 98
Longitude: 97 08 12
Loran:
Station/Buoys: 2 & 3

END TOW

Time: 2110
Depth: 46.7 ft
Total Tow Distance: ft
Latitude: 26 04.013
Longitude: 97 07 33
Loran:
Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

6 Sea Trout
3 Butterfly Ray
8 mullet
5 Harvestfish
3 Lookdowns
1 Sheepshead

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anne Captain: D Hardy
Crew:

Date: 07 Dec 02
Time: 2114 to 2156
Shift#: 031
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time:
High Tide Time: 2013
Ebb: Flood:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: 17°C/F)
Wave Height: 2-3
Air Temperature: 67°F
Wind Speed/Direction: ESE 10K
Barometric Pressure:

BEGIN TOW

Time: 2116
Depth: 39.4
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.05
Longitude: 97 07.68
Loran:
Station/Buoys: 243

END TOW

Time: 2156
Depth: 44.1 ft
Total Tow Distance: ft
Latitude: 26 04.08
Longitude: 97 07.11
Loran:
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Sparid fish
2 Harvest fish
6 Jelly fish
2 Butterfly rays
1 Rock Crab
3 Sea Hare

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anne Captain D. Hartley
Crew: 3 Mass

Date: 07 Oct 02
Time: 2204 to 2244
Shift#: 032
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time:
High Tide Time: 2043
Ebb: Flood:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: 17.5 °F)
Wave Height: 2-3
Air Temperature: 60's F
Wind Speed/Direction: 20 NE
Barometric Pressure:

BEGIN TOW

Time: 2204
Depth: 37.0
Speed Mid-Tow: 2.5 knots
Latitude: 26 07.00
Longitude: 97 06.78
Loran:
Station/Buoys: 243

END TOW

Time: 2244
Depth: 42.1 ft
Total Tow Distance: ft
Latitude: 26 03 91
Longitude: 97 07.73
Loran:
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: 1

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 Striped Burrfish
5 Sea Trout
4 Harvest
7 Lookdown
1 Unidentified Jelly
1 Cownose Ray

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Fern Captain S Hardy
Crew:

Date: 07 Dec 02
Time: 2257 to 2331
Shift#: 033
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time:
High Tide Time: 2043
Ebb: Flood:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: 17 °C/F)
Wave Height: 2-3
Air Temperature: 60°F
Wind Speed/Direction: SE w 10k
Barometric Pressure:

BEGIN TOW

Time: 2251
Depth: 43.2
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.36
Longitude: 97 07.49
Loran:
Station/Buoys: 243

END TOW

Time: 2331
Depth: 33.2 ft
Total Tow Distance: ft
Latitude: 26 04.080
Longitude: 97 08.071
Loran:
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: 4

Logger:
Kemp:
Green:
Other:

Starboard Net: 4

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Sheepshead
3 Hardhead
15 Jellyfish
2 Butterfly Rays
6 Sea Trout
1 Mullet

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain: B. Hurley
Crew: _____

Date: 07 Dec 02
Time: 2340 to 0018
Shift#: 034
Dredge Location: _____
Total Tow Time: 38 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: _____
High Tide Time: 2043
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17°C/F)
Wave Height: 2-3
Air Temperature: 60°F
Wind Speed/Direction: SE 10K
Barometric Pressure: _____

BEGIN TOW

Time: 2340
Depth: 40.5
Speed Mid-Tow: 2.7 knots
Latitude: 26 03.98
Longitude: 97 08.91
Loran: _____
Station/Buoys: 2 3

END TOW

Time: 0018
Depth: 48 ft
Total Tow Distance: _____ ft
Latitude: 26° 03.723
Longitude: 97° 07.191
Loran: _____
Station/Buoys: _____

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

3 BUTTERFLY RAYS
1 BLACK DRUM
2 HARVEST FISH
1 CROAKER
1 FLOUNDER
JELLY FISH

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain D Hardy
Crew: _____

Date: 07 DEC 02
Time: 0028 to 0103
Shift#: C25
Dredge Location: —
Total Tow Time: 90 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: _____
High Tide Time: 2013
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17°C/F)
Wave Height: 2-3
Air Temperature: 59°F
Wind Speed/Direction: E 6-7K
Barometric Pressure: _____

BEGIN TOW

Time: 0028
Depth: 43
Speed Mid-Tow: 2.9 knots
Latitude: 26° 07.013
Longitude: 97° 07.740
Loran: _____
Station/Buoys: _____

END TOW

Time: 0103
Depth: 52 ft
Total Tow Distance: _____ ft
Latitude: 26° 03.994
Longitude: 97° 06.895
Loran: _____
Station/Buoys: _____

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 BUTTERFLY RAY
4 SPOTTED BURRFISH
1 SCRAWLED COWFISH
2 HARVEST FISH
3 CROAKERS
~5 MENHADEN

Jellyfish

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: BAYOU SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARING
Crew: _____

Date: 04 Dec 02
Time: 0121 to 0200
Shift#: 036
Dredge Location: _____
Total Tow Time: 39 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1125
High Tide Time: 2124
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17 (C)/F)
Wave Height: 2-3 ft
Air Temperature: 56° F
Wind Speed/Direction: E @ 7 kts
Barometric Pressure: _____

BEGIN TOW

Time: 0121
Depth: 52
Speed Mid-Tow: 2.8 knots
Latitude: 26° 03.802
Longitude: 97° 07.256
Loran: _____
Station/Buoys: _____

END TOW

Time: 0200
Depth: 50 ft
Total Tow Distance: _____ ft
Latitude: 26° 03.858
Longitude: 97° 07.334
Loran: _____
Station/Buoys: _____

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

3 BUTTERFLY RAYS
1 STRIPED BURRFISH
1 SCRAWLED COWFISH
~8 MOONFISH
1 SPADEFISH
~6 CROAKER

JELLYFISH

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SEA TURTLE TRAWLING REPORT

Channel: BRAZOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew: _____

Date: 08 DEC 02
Time: 0210 to 0249
Shift#: 037
Dredge Location: —
Total Tow Time: 34 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1125
High Tide Time: 2124
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17 C/F)
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: E 8 KTS
Barometric Pressure: _____

BEGIN TOW

Time: 0210
Depth: 49
Speed Mid-Tow: 2.8 knots
Latitude: 26° 23.671
Longitude: 97° 06.891
Loran: _____
Station/Buoys: _____

END TOW

Time: 0249
Depth: 46 ft
Total Tow Distance: _____ ft
Latitude: 26° 23.896
Longitude: 97° 07.802
Loran: _____
Station/Buoys: _____

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

5 BUTTERFLY RAYS
1 COWNOSE RAY
1 SPOTTED EAGLE RAY
2 STINGRAY
4 HARVEST FISH
~10 CROAKERS
~10 MENHADEN

JELLY FISH

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SEA TURTLE TRAWLING REPORT

Channel: BRAZOS SANTIAGO PASS Vessel: MS ANNA Captain JOHNNY HARDY

Crew: _____

Date: 08 DEC 2002
Time: 0301 to 0339
Shift#: 03S
Dredge Location: _____
Total Tow Time: 38 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1125
High Tide Time: 2124
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17 (C/F)
Wave Height: 2-3 ft
Air Temperature: 56 f
Wind Speed/Direction: E @ 4 kt
Barometric Pressure: _____

BEGIN TOW

Time: 0301
Depth: 47
Speed Mid-Tow: 2.8 knots
Latitude: 26° 03.944
Longitude: 97° 08.007
Loran: _____
Station/Buoys: _____

END TOW

Time: 0339
Depth: 48 ft
Total Tow Distance: _____ ft
Latitude: 26° 04.172
Longitude: 97° 06.827
Loran: _____
Station/Buoys: _____

NUMBER OF TURTLES

Port Net: ✓

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: ✓

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 BUTTERFLY RAYS
~20 CROAKERS
JELLY FISH

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SEA TURTLE TRAWLING REPORT

Channel: BRAZOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew:

Date: 08 DEC 02
Time: 0347 to 0426
Shift#: 039
Dredge Location: —
Total Tow Time: 39 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: —
Rocks:
Snag:
Other:

Low Tide Time: 1125
High Tide Time: 2124
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 17 °C/F)
Wave Height: 2-3 ft
Air Temperature: 56° F
Wind Speed/Direction: E @ 5 kts
Barometric Pressure:

BEGIN TOW

Time: 0347
Depth: 54
Speed Mid-Tow: 2.7 knots
Latitude: 26° 03.827
Longitude: 97° 06.937
Loran:
Station/Buoys:

END TOW

Time: 0426
Depth: 44 ft
Total Tow Distance: ft
Latitude: 26° 04.190
Longitude: 97° 07.810
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Butterfly Ray
1 Hardhead Catfish
1 Striped Bumpfish
1 Spotted Scorpionfish
~ 8 Moonfish
Jelly Fish

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SEA TURTLE TRAWLING REPORT

Channel: BAZOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew: _____

Date: 08 Dec 02
Time: 0438 to 0518
Shift#: 3-10
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1125
High Tide Time: 2124
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17 °C/F)
Wave Height: 2-3 ft
Air Temperature: 56°F
Wind Speed/Direction: SE 4 Kts
Barometric Pressure: _____

BEGIN TOW

Time: 0438
Depth: 49
Speed Mid-Tow: 2.8 knots
Latitude: 26 21.066
Longitude: 97° 07.190
Loran: _____
Station/Buoys: _____

END TOW

Time: 0518
Depth: 45 ft
Total Tow Distance: _____ ft
Latitude: 26° 21.287
Longitude: 97° 07.747
Loran: _____
Station/Buoys: _____

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 BUTTERFLY RAYS
5 HARVEST FISH
~8 MOONFISH
2 WHITING
6 CRABS

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SEA TURTLE TRAWLING REPORT

Channel: BRAZOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARRY

Crew: _____

Date: 08 DEC 02
Time: 0527 to 0606
Shift#: 041
Dredge Location: —
Total Tow Time: 39 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1125
High Tide Time: 2174
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17 (C/F)
Wave Height: 2-3ft+
Air Temperature: 56 F
Wind Speed/Direction: E @ 5KTS
Barometric Pressure: _____

BEGIN TOW

Time: 0527
Depth: 37
Speed Mid-Tow: 2.8 knots
Latitude: 26° 04.005
Longitude: 97° 08.155
Loran: _____
Station/Buoys: 2 & 3

END TOW

Time: 0606
Depth: 54 ft
Total Tow Distance: _____ ft
Latitude: 26° 05.602
Longitude: 97° 06.823
Loran: _____
Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

3 Butterfly Rays
2 Toadfishes
2 Butterfish
3 Striped Burrfish

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SEA TURTLE TRAWLING REPORT

Channel: BAFFIN SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY

Crew: _____

Date: 28 DEC 02
Time: 0615 to 0653
Shift#: 042
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1125
High Tide Time: 2174
Ebb: ✓ Flood: _____
Slack Ebb: ✓ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17°C/F)
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: E@5K
Barometric Pressure: _____

BEGIN TOW

Time: 0615
Depth: 43.8
Speed Mid-Tow: 2.6 knots
Latitude: 26° 03.069
Longitude: 97 07.325
Loran: _____
Station/Buoys: 243

END TOW

Time: 0653
Depth: 41.8 ft
Total Tow Distance: _____ ft
Latitude: 26° 03.395
Longitude: 97 07.56
Loran: _____
Station/Buoys: RE3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

NO BY-CATCH.

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SEA TURTLE TRAWLING REPORT

Channel: BROWNS SAVANNAH AASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew: _____

Date: 08 DEC 02
Time: 0702 to 0742
Shift#: 043
Dredge Location: —
Total Tow Time: 40 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1125
High Tide Time: 2124
Ebb: _____ Flood: _____
Slack Ebb: ___ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17°C/F)
Wave Height: 2-3
Air Temperature: 70°F
Wind Speed/Direction: E@5K
Barometric Pressure: _____

BEGIN TOW

Time: 0702
Depth: 47.7
Speed Mid-Tow: 2.1e knots
Latitude: 26° 03.866
Longitude: 97° 07.054
Loran: _____
Station/Buoys: 243

END TOW

Time: 0742
Depth: 31.9 ft
Total Tow Distance: _____ ft
Latitude: 26° 04.109
Longitude: 97° 08.207
Loran: _____
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

7 Harvest fish
1 Striped Burr fish
3 Butterfish
1 Butterfly Ray
3 Jelly fish
3 Crabs

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SEA TURTLE TRAWLING REPORT

Channel: Bragos Santiago Pass Vessel: Miss Anna Captain J Hardy
Crew:

Date: 08 DEC 02
Time: 0757 to 0837
Shift#: 044
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1125
High Tide Time: 2124
Ebb: Flood:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: 17°C/F)
Wave Height: 2-3
Air Temperature: 50°F
Wind Speed/Direction: E@5K
Barometric Pressure:

BEGIN TOW
Time: 0757
Depth: 33.1
Speed Mid-Tow: 2.4 knots
Latitude: 26 04.000
Longitude: 97 08.394
Loran:
Station/Buoys: 2 & 3

END TOW
Time: 0837
Depth: 39.2 ft
Total Tow Distance: ft
Latitude: 26 04.142
Longitude: 97 06.913
Loran:
Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Cownose Ray
1 Butterfly Ray
2 Lookdown
10 Jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Hanna Captain J. Hardy
Crew:

Date: 08 Dec 02
Time: 0843 to 0923
Shift#: 045
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: —
Rocks:
Snag:
Other:

Low Tide Time: 1125
High Tide Time: 2124
Ebb: Flood:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: 17 °C/F)
Wave Height: 2-3
Air Temperature: 56 °F
Wind Speed/Direction: E@5K
Barometric Pressure:

BEGIN TOW

Time: 0843
Depth: 40.8
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.08
Longitude: 97 07.31
Loran:
Station/Buoys: 2&3

END TOW

Time: 0923
Depth: 38.2 ft
Total Tow Distance: ft
Latitude: 26 03.98
Longitude: 97 08.17
Loran:
Station/Buoys: 2&3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Jelly fish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hanly
Crew: MO

Date: 05 Dec 02
Time: 0929 to 1009
Shift#: 0746
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1125
High Tide Time: 2124
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 17 °C/F)
Wave Height: 2-3
Air Temperature: 52 F
Wind Speed/Direction: 20 SE
Barometric Pressure:

BEGIN TOW

Time: 0929
Depth: 41.4
Speed Mid-Tow: 2.4 knots
Latitude: 26 03.87
Longitude: 97 07.75
Loran:
Station/Buoys: 2 & 3

END TOW

Time: 1009
Depth: 40.8 ft
Total Tow Distance: ft
Latitude: 26 04.11
Longitude: 97 07.06
Loran:
Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: 4

Logger:
Kemp:
Green:
Other:

Starboard Net: 4

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

10 Jelly fish
10 Butter fish
5 Crabs

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SEA TURTLE TRAWLING REPORT

Channel: Corpus Christi Pass Vessel: Miss Anna Captain J Hartley
Crew: _____

Date: 08 Jul 00
Time: 1016 to 1056
Shift#: 017
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1125
High Tide Time: 2137
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17 °C/F)
Wave Height: 2-3
Air Temperature: 87.0°F
Wind Speed/Direction: E 10-15K
Barometric Pressure: _____

BEGIN TOW

Time: 1016
Depth: 43.3
Speed Mid-Tow: 2.5 knots
Latitude: 26 03 92
Longitude: 97 07.70
Loran: _____
Station/Buoys: 213

END TOW

Time: 1039
Depth: 40.5 ft
Total Tow Distance: _____ ft
Latitude: 26 04.13
Longitude: 97 08.87
Loran: _____
Station/Buoys: 213

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

3 jelly fish

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SEA TURTLE TRAWLING REPORT

Channel: Bayou Heritage MS Vessel: Miss Anne Captain: J Hardy
Crew: _____

Date: 08 Dec 02
Time: 1102 to 1142
Shift#: 076
Dredge Location: _____
Total Tow Time: 76 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1125
High Tide Time: 2124
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17 (C/F))
Wave Height: 3-4
Air Temperature: 50F
Wind Speed/Direction: East
Barometric Pressure: _____

BEGIN TOW

Time: 1102
Depth: 50.2
Speed Mid-Tow: 2.6 knots
Latitude: _____
Longitude: 26 07.12 S
Loran: 97 06.50
Station/Buoys: 243

END TOW

Time: 1142
Depth: 39.4 ft
Total Tow Distance: _____ ft
Latitude: 26 07.794
Longitude: 97 07.016
Loran: _____
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

10 Oyster drills
1 Cow fish
1 Butterfly Ray
5 Hardhead fish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anne Captain D Hardy
Crew: _____

Date: 08 DEC 03
Time: 1150 to 1229
Shift#: 079
Dredge Location: —
Total Tow Time: 39 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1125
High Tide Time: 2124
Ebb: ~~~ Flood: _____
Slack Ebb: ✓ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17 (°C) °F)
Wave Height: 3-4
Air Temperature: 56°F
Wind Speed/Direction: E@5K
Barometric Pressure: _____

BEGIN TOW

Time: 1150
Depth: 39.5
Speed Mid-Tow: 2.1 knots
Latitude: 26 03.81
Longitude: 97 07.96
Loran: _____
Station/Buoys: 283

END TOW

Time: 1229
Depth: 54 ft
Total Tow Distance: _____ ft
Latitude: 26 04.306
Longitude: 97 06.550
Loran: _____
Station/Buoys: _____

NUMBER OF TURTLES

Port Net: _____

Logger: _____
Kemp: Ø
Green: _____
Other: _____

Starboard Net: _____

Logger: _____
Kemp: Ø
Green: _____
Other: _____

BY CATCH/COMMENTS

1 BUTTERFLY RAY
GHAFFER FISH
N/C MOONFISH
N/C MENHADEN
JELLYFISH

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anne Captain: B Harding
Crew:

Date: 08 Dec 02
Time: 1238 to 1318
Shift#: 052
Dredge Location: —
Total Tow Time: 40 min.

Survey: ____
Relocation ____
Pre-Dredge: ✓

SUBSTRATE
Mud: ____
Sand: ✓
Rocks: ____
Snag: ____
Other: ____

Low Tide Time: 1125
High Tide Time: 2124
Ebb: ____ Flood: ✓
Slack Ebb: ____ Slack Flood ____
Comments: ____

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 3-4 Ft
Air Temperature: 64°F
Wind Speed/Direction: 11 @ 2 Kts
Barometric Pressure: ____

BEGIN TOW

Time: 1238
Depth: 53
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 473
Longitude: 97° 06.949
Loran: ____
Station/Buoys: ____

END TOW

Time: 1318
Depth: 44 ft
Total Tow Distance: ____ ft
Latitude: 26 03.162
Longitude: 97° 07.491
Loran: ____
Station/Buoys: ____

NUMBER OF TURTLES

Port Net: 0

Logger: ____
Kemp: ____
Green: ____
Other: ____

Starboard Net: 0

Logger: ____
Kemp: ____
Green: ____
Other: ____

BY CATCH/COMMENTS

1 LESSER ELECTRIC RAY
1 BUTTERFLY RAY
1 RED SNAPPER
~20 MOONFISH

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SEA TURTLE TRAWLING REPORT

Channel: BRAZOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew:

Date: 08 DEC 02
Time: 1328 to 1406
Shift#: 051
Dredge Location: —
Total Tow Time: 38 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1125
High Tide Time: 2124
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 5.4 ft
Air Temperature: 64 °F
Wind Speed/Direction: E @ 3 kts
Barometric Pressure:

BEGIN TOW

Time: 1328
Depth: 49
Speed Mid-Tow: 2.7 knots
Latitude: 26° 07.374
Longitude: 97° 07.043
Loran:
Station/Buoys:

END TOW

Time: 1406
Depth: 50 ft
Total Tow Distance: ft
Latitude: 26° 03.748
Longitude: 97° 07.488
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

~12 moonfish
jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: BRAZOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew:

Date: 08 DEC 02
Time: 1413 to 1451
Shift#: C52
Dredge Location: —
Total Tow Time: 30 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1125
High Tide Time: 2124
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 3-4
Air Temperature: 64° F
Wind Speed/Direction: E 12 Knots
Barometric Pressure:

BEGIN TOW

Time: 1413
Depth: 45
Speed Mid-Tow: 2-3 knots
Latitude: 26° 03.682
Longitude: 97° 07 734
Loran:
Station/Buoys:

END TOW

Time: 1451
Depth: 54 ft
Total Tow Distance: ft
Latitude: 26° 07 338
Longitude: 97° 06.450
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 BUTTERFLY RAYS
~15 MENHADEN
1 SKATE
6 HARVEST FISH
1 LOGGERHEAD
JELLY FISH

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: BEAZOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew:

Date: 08 DEC 02
Time: 1502 to 1539
Shift#: 053
Dredge Location: —
Total Tow Time: 37 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1125
High Tide Time: 2174
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 (°C)/F)
Wave Height: 3-4ft
Air Temperature: 64°F
Wind Speed/Direction: E 22 KTS
Barometric Pressure:

BEGIN TOW

Time: 1502
Depth: 55
Speed Mid-Tow: 2.1 knots
Latitude: 26° 02.995
Longitude: 97° 06 910
Loran:
Station/Buoys:

END TOW

Time: 1539
Depth: 48 ft
Total Tow Distance: ft
Latitude: 26° 01.155
Longitude: 97° 07.275
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net:

Logger: ∅
Kemp:
Green:
Other:

Starboard Net:

Logger: ∅
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 BUTTERFLY RAYS
1 STRIPED BURRFISH
~8 MOONFISH
JELLYFISH

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: BRAZOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew:

Date: 08 Dec 02
Time: 1548 to 1627
Shift#: 054
Dredge Location: –
Total Tow Time: 39 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1125
High Tide Time: 2124
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 3-4 ft
Air Temperature: 64°F
Wind Speed/Direction: E@ 8 kts
Barometric Pressure:

BEGIN TOW

Time: 1548
Depth: 48
Speed Mid-Tow: 2.7 knots
Latitude: 26° 04.349
Longitude: 97° 06.896
Loran:
Station/Buoys:

END TOW

Time: 1627
Depth: 51 ft
Total Tow Distance: ft
Latitude: 26° 03.860
Longitude: 97° 07.336
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Butterfly Rays
1 Moonfish
Jelly Fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: BRAZOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY

Crew:

Date: 08 DEC 02
Time: 1634 to 1715
Shift#: 655
Dredge Location: —
Total Tow Time: 41 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1125
High Tide Time: 2124
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 3-4 ft
Air Temperature: 64°F
Wind Speed/Direction: E @ 8 kts
Barometric Pressure:

BEGIN TOW

Time: 1630
Depth: 46
Speed Mid-Tow: 2.7 knots
Latitude: 26° 03.767
Longitude: 97° 07.430
Loran:
Station/Buoys:

END TOW

Time: 1715
Depth: 52 ft
Total Tow Distance: ft
Latitude: 26° 04.379
Longitude: 97° 07.015
Loran:
Station/Buoys: 43

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

no-bycatch

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SEA TURTLE TRAWLING REPORT

Channel: BRAZOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew: _____

Date: 6 Dec 02
Time: 1724 to 1804
Shift#: 056
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1125
High Tide Time: 2124
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 (C)/F)
Wave Height: 3-4 ft
Air Temperature: 60°F
Wind Speed/Direction: NNE/12 KTS
Barometric Pressure: _____

BEGIN TOW

Time: 1724
Depth: 54
Speed Mid-Tow: 2.5 knots
Latitude: 26° 04.122
Longitude: 97° 06.416
Loran: _____
Station/Buoys: 2 & 3

END TOW

Time: 1804
Depth: 43.3 ft
Total Tow Distance: _____ ft
Latitude: 26° 03.816
Longitude: 97° 07.710
Loran: _____
Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 Butterfly Rays

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SEA TURTLE TRAWLING REPORT

Channel: Bayou Dantagni Vessel: Miss Anna Captain J. Hartley
Crew: [illegible]

Date: 05 Dec 02
Time: 1803 to 1843
Shift#: 057
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1125
High Tide Time: 2124
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 15° C/F)
Wave Height: 3-4
Air Temperature: 60°F
Wind Speed/Direction: NNE @ 10K
Barometric Pressure:

BEGIN TOW

Time: 1803
Depth: 41.0
Speed Mid-Tow: 2.4 knots
Latitude: 29 03.927
Longitude: 97 07.703
Loran:
Station/Buoys: 243

END TOW

Time: 1843
Depth: 41.3 ft
Total Tow Distance: ft
Latitude: 29 03.928
Longitude: 97 07.536
Loran:
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: 0
Starboard Net: 0

Logger:
Kemp:
Green:
Other:

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

4 Sea trout
1 Lookdown
1 Black Drum

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J Hanley
Crew:

Date: 05 Dec 02
Time: 1854 to 1931
Shift#: 0558
Dredge Location:
Total Tow Time: 10 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1125
High Tide Time: 2124
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 3-4
Air Temperature: 60°F
Wind Speed/Direction: NNE/10K
Barometric Pressure:

BEGIN TOW

Time: 1854
Depth: 39.7
Speed Mid-Tow: 2.5 knots
Latitude: 26 03.338
Longitude: 97 07.926
Loran:
Station/Buoys: 243

END TOW

Time: 1931
Depth: 43.2 ft
Total Tow Distance: ft
Latitude: 26 04.358
Longitude: 97 06.916
Loran:
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

20 Striped Burr fish
2 Butterfly Ray
7 Lookdowns
4 Sea Hearts
1 Rock Crab.

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J Hardy
Crew:

Date: 08 Dec 02
Time: 1944 to 2024
Shift#: 057
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1125
High Tide Time: 2124
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 3-4
Air Temperature: 60°F
Wind Speed/Direction: NNE@10K
Barometric Pressure:

BEGIN TOW
Time: 1944
Depth: 48.1
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.384
Longitude: 97 06.650
Loran:
Station/Buoys: 2&3

END TOW
Time: 2024
Depth: 38.9 ft
Total Tow Distance: ft
Latitude: 26 03.510
Longitude: 97 08.195
Loran:
Station/Buoys: 2&3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Striped Burr fish
2 Gafftop Catfish
2 Tookdown
3 Croaker
4 Sea trout
1 Butterfly Ray
2 Rock Crab

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anne Captain J. Hardy
Crew:

Date: 03 Dec 02
Time: 2033 to 2113
Shift#: 060
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud: ✓
Sand:
Rocks:
Snag:
Other:

Low Tide Time: 1125
High Tide Time: 2124
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 6-10
Air Temperature: 60°F
Wind Speed/Direction: NNE@10K
Barometric Pressure:

BEGIN TOW
Time: 2033
Depth: 41.4
Speed Mid-Tow: 2.8 knots
Latitude: 26 03.892
Longitude: 97 08.135
Loran:
Station/Buoys: 2 & 3

END TOW
Time: 2113
Depth: 50.0 ft
Total Tow Distance: ft
Latitude: 26 04.629
Longitude: 97 06.603
Loran:
Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: Ø
Logger:
Kemp:
Green:
Other:

Starboard Net: Ø
Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Angel Shark
3 Butterfly Rays
3 Lookdown
4 Croaker

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Kara Captain J. Hawley
Crew: _____

Date: 08 Dec 02
Time: _____ to _____
Shift#: 061
Dredge Location: _____
Total Tow Time: _____ min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1125
High Tide Time: 2127
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 3 ft 6-10
Air Temperature: 60°F
Wind Speed/Direction: NE @ 10-15K
Barometric Pressure: _____

BEGIN TOW

Time: 2121
Depth: 46.0
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.195
Longitude: 97 06.638
Loran: _____
Station/Buoys: 293

END TOW

Time: 2301
Depth: 40.6 ft
Total Tow Distance: _____ ft
Latitude: 26 03.284
Longitude: 97 08.058
Loran: _____
Station/Buoys: 293

NUMBER OF TURTLES

Port Net: 4

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 4

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

14 Striped Burrfish
3 Harvest fish
3 lookdown
1 Butterfly Ray
1 Croaker

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew:

Date: 05 Dec 02
Time: 0900 to 0946
Shift#: 002
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1125
High Tide Time: 2127
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 15°C/F)
Wave Height: 6-10
Air Temperature: 60°F
Wind Speed/Direction: NNE @ 10-15K
Barometric Pressure:

BEGIN TOW

Time: 2206
Depth: 40.4
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.653
Longitude: 97 07.995
Loran:
Station/Buoys: 243

END TOW

Time: 2246
Depth: 49.4 ft
Total Tow Distance: ft
Latitude: 26 04.000
Longitude: 97 07.057
Loran:
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: 0
Logger:
Kemp:
Green:
Other:

Starboard Net: 0
Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 Butterfly Rays
1 Scorpion fish
3 Roughtail Rays
8 Striped Burrfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Annie Captain J. Hartley
Crew: Miss

Date: 18 Dec 02
Time: 2257 to 2334
Shift#: 063
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time:
High Tide Time: 2121
Ebb: Flood:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 6-10
Air Temperature: 56°F
Wind Speed/Direction: SE@20K
Barometric Pressure:

BEGIN TOW

Time: 2257
Depth: 49.7
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.577
Longitude: 97 07.059
Loran:
Station/Buoys: 243

END TOW

Time: 2334
Depth: 39.9 ft
Total Tow Distance: ft
Latitude: 26 03.936
Longitude: 97 08.014
Loran:
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 1

Logger:
Kemp:
Green: 1
Other:

BY CATCH/COMMENTS

1 Shrimp Boat
1 Butterfly Ray
1 Loggerhead

Updated 10-01

Sea Turtle Tagging Data Report

Channel: Brazos Santiago Pass
Tow #: 063
Species: Chelonia mydas

Date: 08 Dec 02
Net (circle) Port ~~Starboard~~
Sex (circle) Male Female ~~Unknown~~

Capture Information:

Capture Location: State: Texas County: CAMERON
Lat: 26°03.936 Long: 97°08.014
CaptureMethod: Otter trawl

Flipper Tag Information:

Left: XXZ 986
Right: XXZ 987
PIT Tag #: —

Species Information:

Straight Carapace Length: (n-n) 45.5 (t-t) 46.1 Straight Carapace Width: 37.7

Curved Carapace Length: (n-n) 49.2 (t-t) 50.2 Curved Carapace Width: 44.5

Plastron Length: 40.1 Plastron Width: 36.1

Tail Length: 6.2 Head Width: 7.5

Condition of Specimen: Healthy

Miscellaneous:

Blood taken: YES (NO) _____ # of vile
Photos takes: (YES) NO
Recapture: _____ this effort _____ previous effort
Organization Tagging: REMSA, Inc.
Personnel: TARA Fitzpatrick, GARY Sundin

Turtle Release Information:

Date: 09 Dec 02 Time: 0034
Lat: 26 01.854 Long: 97°05.778
State: Texas County: CAMERON

Remarks: (note injuries, gear or debris entanglement, wounds or mutations, propeller damage, papillomas, tag locations, etc.)

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SEA TURTLE TRAWLING REPORT

Channel: PASS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARRIS

Crew:

Date: 10 DEC 02
Time: 1645 to 1724
Shift#: 064
Dredge Location: —
Total Tow Time: 39 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1356
High Tide Time: 2207
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 5-6'+
Air Temperature: 56° F
Wind Speed/Direction: NE 20 KTS
Barometric Pressure:

BEGIN TOW

Time: 1645
Depth: 50
Speed Mid-Tow: 3.0 knots
Latitude: 26° 05 831
Longitude: 97° 07.304
Loran:
Station/Buoys:

END TOW

Time: 1724
Depth: 38 ft
Total Tow Distance: ft
Latitude: 26° 04.034
Longitude: 97° 07.951
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 SPOTTED MACKEREL
1 FLOUNDER
JELLYFISH

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain Johnny Hardy
Crew:

Date: 10 Dec 02
Time: 1733 to
Shift#: 065
Dredge Location:
Total Tow Time: min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1306
High Tide Time: 2207
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 5-6 ft
Air Temperature: 56°F
Wind Speed/Direction: NE @ 16 kts
Barometric Pressure:

BEGIN TOW

Time: 1733
Depth: 48
Speed Mid-Tow: 2.9 knots
Latitude: 26° 03.852
Longitude: 97° 07.317
Loran:
Station/Buoys:

END TOW

Time: 1812
Depth: 47 ft
Total Tow Distance: ft
Latitude: 26° 03.844
Longitude: 97° 07.790
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Butterfly Rays 1 Striped Burr fish
1 Rough tail Ray
3 Cookdown
10 jelly fish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain Johnny Hardy
Crew:

Date: 12 Dec 02
Time: 1821 to 1901
Shift#: 006
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: —

SUBSTRATE
Mud:
Sand: —
Rocks:
Snag:
Other:

Low Tide Time: 1300
High Tide Time: 2207
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 3-4
Air Temperature: 56°F
Wind Speed/Direction: NE 16 K
Barometric Pressure:

BEGIN TOW
Time: 1821
Depth: 48.1
Speed Mid-Tow: 2.0 knots
Latitude: 26° 03.806
Longitude: 97° 07.282
Loran:
Station/Buoys: 2 & 3

END TOW
Time: 1901
Depth: 44.3 ft
Total Tow Distance: ft
Latitude: 26° 04.360
Longitude: 97° 07.305
Loran:
Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: ∅

Logger:
Kemp:
Green:
Other:

Starboard Net: ∅

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

lots of jellyfish
1 Croaker
3 Bullfly Rays

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass
Vessel: Miss Anna
Captain: J. Hardy
Crew:

Date: 10 Dec 02
Time: 1907 to 1949
Shift#: 067
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1306
High Tide Time: 2207
Ebb: Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 3-4
Air Temperature: 56° F
Wind Speed/Direction: NE@16K
Barometric Pressure:

BEGIN TOW
Time: 1907
Depth: 41.5
Speed Mid-Tow: knots
Latitude: 26° 04 261
Longitude: 97° 07.463
Loran:
Station/Buoys: 2&3

END TOW
Time: 1949
Depth: 50.1 ft
Total Tow Distance: ft
Latitude: 26 03 819
Longitude: 97 06.929
Loran:
Station/Buoys: 2&3

NUMBER OF TURTLES

Port Net: 0
Logger:
Kemp:
Green:
Other:

Starboard Net: 0
Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

lots of jelly fish
10 Striped Burr fish
7 Spot fish
6 Cutlass fish
2 Sullivan fish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain Johnny Harvey
Crew:

Date: 10 Dec 02
Time: 1955 to 2035
Shift#: 668
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1306
High Tide Time: 2107
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: NE Quick
Barometric Pressure:

BEGIN TOW
Time: 1955
Depth: 49.2
Speed Mid-Tow: 3.0 knots
Latitude: 26° 03.405
Longitude: 97° 06.628
Loran:
Station/Buoys: 2&3

END TOW
Time: 2035
Depth: 39.2 ft
Total Tow Distance: ft
Latitude: 26° 03.491
Longitude: 97° 08.018
Loran:
Station/Buoys: 2&3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

lots of Jelly fish
3 Striped Burr
2 Spot fish
2 Rough tail Rays

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anne Captain J Hardy
Crew: PAS

Date: 10 Dec 02
Time: 2041 to 2121
Shift#: 069
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1306
High Tide Time: 2207
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: NE@16K
Barometric Pressure:

BEGIN TOW

Time: 2041
Depth: 41.7
Speed Mid-Tow: knots
Latitude: 26 03.798
Longitude: 97 07.918
Loran:
Station/Buoys: 247

END TOW

Time: 2121
Depth: 42.1 ft
Total Tow Distance: ft
Latitude: 26 04.027
Longitude: 97 07.357
Loran:
Station/Buoys: 223

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Stripped Burr fish
10 lbs of jellies
5 Spot fish

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 10 Dec 00
Time: 2130 to 2210
Shift#: 070
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1306
High Tide Time: 2207
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: NE @ 16K
Barometric Pressure:

BEGIN TOW
Time: 2130
Depth: 37.7
Speed Mid-Tow: 2.6 knots
Latitude: 26°04.166
Longitude: 97°06.947
Loran:
Station/Buoys: 2 & 3

END TOW
Time: 2210
Depth: 40.1 ft
Total Tow Distance: ft
Latitude: 26°04.159
Longitude: 97°07.610
Loran:
Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: Ø

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 pompano fish
10 Harvest fish
3 Striped Burr fish
3 Sea trout
3 Spot fish
10's of Cellus

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain: D. Hardy
Crew:

Date: 10 Dec 02
Time: 2218 to 2258
Shift#: 071
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1306
High Tide Time: 2207
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: NE@20K
Barometric Pressure:

BEGIN TOW
Time: 2218
Depth: 44.2
Speed Mid-Tow: 2.4 knots
Latitude: 26° 04.165
Longitude: 97° 07.123
Loran:
Station/Buoys: 2&3

END TOW
Time: 2258
Depth: 32.8 ft
Total Tow Distance: ft
Latitude: 26 04.190
Longitude: 97 08 001
Loran:
Station/Buoys: 2&3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

5 Harvest fish
1 pompano
6 jellies
* Tow up Port side net (wing) ... Standbrop to change

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Jane Captain: D. Hardy
Crew: Pass

Date: 10 Dec 02
Time: 2348 to 0028
Shift#: 072
Dredge Location: -
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1306
High Tide Time: 2207
Ebb: Flood:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: NE@16k
Barometric Pressure:

BEGIN TOW
Time: 2348
Depth: 78.3
Speed Mid-Tow: 2.6 knots
Latitude: 2604.762
Longitude: 9706.610
Loran:
Station/Buoys: 2&3

END TOW
Time: 37 0028
Depth: 37 ft
Total Tow Distance: ft
Latitude: 26° 04.096
Longitude: 97° 05.080
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: 0
Logger:
Kemp:
Green:
Other:

Starboard Net: 0
Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain Johnny Hardy
Crew:

Date: 11 DEC 02
Time: 0034 to 0115
Shift#: 073
Dredge Location: –
Total Tow Time: 39 min.

Survey:
Relocation
Pre-Dredge: –

SUBSTRATE
Mud:
Sand: –
Rocks:
Snag:
Other:

Low Tide Time: 1359
High Tide Time: 2212
Ebb: – Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 15 °C/F)
Wave Height: 2 ft
Air Temperature: 56°F
Wind Speed/Direction: E @ 3kts
Barometric Pressure:

BEGIN TOW
Time: 0036
Depth: 40
Speed Mid-Tow: 2.8 knots
Latitude: 26° 04.221
Longitude: 97° 08.146
Loran:
Station/Buoys:

END TOW
Time: 0115
Depth: 48 ft
Total Tow Distance: ft
Latitude: 26° 04.282
Longitude: 97° 07.111
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Butterfly Ray
2 Striped Burfish
2 Pinfish
1 Pumpane
1 Moonfish
1 Lookdown
Jellyfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain Johnny Hardy
Crew:

Date: [illegible] 02
Time: 0124 to 0204
Shift#: 074
Dredge Location: –
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: –
Rocks:
Snag:
Other:

Low Tide Time: 1359
High Tide Time: 2212
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 15 °C/F)
Wave Height: 1-2 ft
Air Temperature: 56°F
Wind Speed/Direction: E @ 2 kts
Barometric Pressure:

BEGIN TOW

Time: 0124
Depth: 45
Speed Mid-Tow: 2.7 knots
Latitude: 26° [illegible]
Longitude: 97° 07.662
Loran:
Station/Buoys:

END TOW

Time: 0204
Depth: 54 ft
Total Tow Distance: ft
Latitude: 26° [illegible]
Longitude: 97° 07.[illegible]
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

4 spread Burnfish
6 harvest fish
6 moonfish
~12 cleaners
1 pompano
1 [illegible] fish
Jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: BRAZOS SANTIAGO PASS Vessel: MISS ANNA Captain JOHNNY HARDY
Crew:

Date: 11 DEC 02
Time: 0213 to 0253
Shift#: 075
Dredge Location: –
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: –

SUBSTRATE
Mud:
Sand: –
Rocks:
Snag:
Other:

Low Tide Time: 1359
High Tide Time: 2212
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-2 ft
Air Temperature: 56°F
Wind Speed/Direction: E 8-4 Kts
Barometric Pressure:

BEGIN TOW

Time: 0213
Depth: 55
Speed Mid-Tow: 2.5 knots
Latitude: 26° 23.648
Longitude: 97° 06.944
Loran:
Station/Buoys:

END TOW

Time: 0253
Depth: 44 ft
Total Tow Distance: ft
Latitude: 26° 04.247
Longitude: 97° 07.795
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net:

Logger: Ø
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Butterfly Ray
1 Stingray
3 Pinfish
4 Hardhead Catfish
5 Harvest Fish
~~6~~ 8 Moonfish
1 Croaker
1 Striped Burrfish
Jelly fish
1 Squid

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain Johnny Hardy
Crew:

Date: 11 DEC 02
Time: 0302 to 0341
Shift#: 076
Dredge Location: —
Total Tow Time: 39 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1359
High Tide Time: 2212
Ebb: — Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-2 ft
Air Temperature: 56° F
Wind Speed/Direction: E @ 3 kts
Barometric Pressure:

BEGIN TOW

Time: 0302
Depth: 47
Speed Mid-Tow: 2.8 knots
Latitude: 26° 04.130
Longitude: 97° 07.274
Loran:
Station/Buoys:

END TOW

Time: 0341
Depth: 38 ft
Total Tow Distance: ft
Latitude: 26° 04.111
Longitude: 97° 08.042
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net:
Logger: ✓
Kemp:
Green:
Other:

Starboard Net:
Logger: ✓
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 striped Burfish
1 Cowfish
3 Moorfish
2 pinfish
1 Whiting
Jellyfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: [illegible] Pass Vessel: Miss Anna Captain Johnny [illegible]
Crew:

Date: 11 Dec 02
Time: 0350 to 0430
Shift#: 077
Dredge Location:
Total Tow Time: 10 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1359
High Tide Time: 2212
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-2 ft
Air Temperature: 56°F
Wind Speed/Direction: E @ 36 kts
Barometric Pressure:

BEGIN TOW

Time: 0350
Depth: 38
Speed Mid-Tow: 30 knots
Latitude: 26° 04.269
Longitude: 97° 08.058
Loran:
Station/Buoys:

END TOW

Time: 0430
Depth: 52 ft
Total Tow Distance: ft
Latitude: 26° 03.757
Longitude: 97° 07.275
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: ✓

Logger:
Kemp:
Green:
Other:

Starboard Net: ✓

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Black Drum
2 Stripped Burrfish
7 Runfish
~12 Moonfish
1 [illegible]
Jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain: Johnny Harris
Crew:

Date: 11 Dec 02
Time: 0439 to 0518
Shift#: 078
Dredge Location: —
Total Tow Time: 39 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: —
Rocks:
Snag:
Other:

Low Tide Time: 1359
High Tide Time: 2212
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-2 ft
Air Temperature: 56 F
Wind Speed/Direction: E 6 [illegible]
Barometric Pressure:

BEGIN TOW

Time: 0439
Depth: 45
Speed Mid-Tow: 2.5 knots
Latitude: 26° 03.931
Longitude: 97° 07.737
Loran:
Station/Buoys:

END TOW

Time: 0518
Depth: 52 ft
Total Tow Distance: ft
Latitude: 26° 03.807
Longitude: 97° 07.209
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: ∅

Logger:
Kemp:
Green:
Other:

Starboard Net: ∅

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 striped Burrfish
6 Pinfish
1 Stingray
1 Butterfly Ray
3 Harvest fish
~12 Widenfish
Jellyfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain: Johnny Hardy
Crew:

Date: 11 Dec 02
Time: 0529 to
Shift#: 079
Dredge Location: —
Total Tow Time: min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1359
High Tide Time: 2212
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-2 ft
Air Temperature: 56° F
Wind Speed/Direction: E @ 6 kts
Barometric Pressure:

BEGIN TOW

Time: 0529
Depth: 55
Speed Mid-Tow: 2.9 knots
Latitude: 26° 03.721
Longitude: 97° 06.689
Loran:
Station/Buoys:

END TOW

Time: 0607
Depth: 46 ft
Total Tow Distance: ft
Latitude: 26° 03.955
Longitude: 97° 06.933
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Trigger fish
6 Cow Cowns
lots of Jellies
10 Crankers
3 Spot

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain Johnny Hardy

Crew:

Date: 11 DEC 02
Time: to
Shift#: 080
Dredge Location:
Total Tow Time: min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE

Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1359
High Tide Time: 22.2
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 1-2
Air Temperature: 56°F
Wind Speed/Direction: E@6K
Barometric Pressure:

BEGIN TOW

Time: 0616
Depth: 33.6
Speed Mid-Tow: 2.6 knots
Latitude: 26° 04.262
Longitude: 97° 08.214
Loran:
Station/Buoys: 2&3

END TOW

Time: 0656
Depth: 44.0 ft
Total Tow Distance: ft
Latitude: 26° 03.781
Longitude: 97° 08.617
Loran:
Station/Buoys: 2&3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Summer Flound
3 Gafftop catfish
4 Toothdrum
4 Spot
4 Croakers
3 Striped burr fish
2 Blue Claw Crabs
lots of jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain Johnny Handy

Crew:

Date: 11 Dec 02

Time: 0705 to 0745

Shift#: C81

Dredge Location:

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1359

High Tide Time: 2212

Ebb: ✓ Flood:

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)

Wave Height: 1-2

Air Temperature: 56°F

Wind Speed/Direction: [illegible]

Barometric Pressure:

BEGIN TOW

Time: 0705

Depth: 43.0

Speed Mid-Tow: 2.6 knots

Latitude: 26° 03.969

Longitude: 97° 08.705

Loran:

Station/Buoys: 243

END TOW

Time: 0745

Depth: 41.6 ft

Total Tow Distance: ft

Latitude: 26° 03.949

Longitude: 97° 07.910

Loran:

Station/Buoys: 243

NUMBER OF TURTLES

Port Net: Ø

Logger:

Kemp:

Green:

Other:

Starboard Net: Ø

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

* Patched up nets then resume to towing

5 lookdowns

2 Striped Burr fish

lots of jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J Hardy

Crew:

Date: 11 Dec 02

Time: 0821 to 0904

Shift#: 082

Dredge Location:

Total Tow Time: _____ min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1359

High Tide Time: 2212

Ebb: ✓ Flood:

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)

Wave Height: 1-2

Air Temperature: 56°F

Wind Speed/Direction: E 6-6 K

Barometric Pressure:

BEGIN TOW

Time: 0821

Depth: 41.0

Speed Mid-Tow: 2.4 knots

Latitude: 26 03.986

Longitude: 97 07.582

Loran:

Station/Buoys: 2 & 3

END TOW

Time: 0904

Depth: 37.7 ft

Total Tow Distance: ft

Latitude: 26 03.814

Longitude: 97 08.327

Loran:

Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: 0

Starboard Net: 0

Logger:

Kemp:

Green:

Other:

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

1 Cownose Ray

10 Harvest fish

7 Lookdown fish

1 Gafftop Catfish

lots of jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Jane Captain J Hardy

Crew:

Date: 11 Dec 02

Time: 0913 to 0953

Shift#: 083

Dredge Location:

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1359

High Tide Time: 2212

Ebb: ✓ Flood:

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)

Wave Height: 1-2

Air Temperature: 56°F

Wind Speed/Direction: E@6K

Barometric Pressure:

BEGIN TOW

Time: 0913

Depth: 40.3

Speed Mid-Tow: 2.6 knots

Latitude: 26 03 998

Longitude: 97 08 650

Loran:

Station/Buoys: 243

END TOW

Time: 0953

Depth: 36.2 ft

Total Tow Distance: ft

Latitude: 26 03 998

Longitude: 97 07 834

Loran:

Station/Buoys: 243

NUMBER OF TURTLES

Port Net: Ø

Logger:

Kemp:

Green:

Other:

Starboard Net: Ø

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

10 Striped Burr fish
15 Cook downs
1 lady Crab
1 pompano
8 harvest fish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy

Crew: [illegible]

Date: 11 Oct 02

Time: 0959 to 1039

Shift#: 084

Dredge Location:

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1359

High Tide Time: 2212

Ebb: ✓ Flood:

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 18.5°C/F)

Wave Height: 1-2

Air Temperature: 56°F

Wind Speed/Direction: E@10K

Barometric Pressure:

BEGIN TOW

Time: 0959

Depth: ~~[illegible]~~ 40.4

Speed Mid-Tow: 2.6 knots

Latitude: 26 03 901

Longitude: 97 08 087

Loran:

Station/Buoys: 243

END TOW

Time: 1039

Depth: 32.1 ft

Total Tow Distance: ft

Latitude: 26 04.077

Longitude: 97 08.077

Loran:

Station/Buoys: 243

NUMBER OF TURTLES

Port Net: Ø

Starboard Net: Ø

Logger:

Kemp:

Green:

Other:

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

5 look downs

lots of jellies

1 Butterfly Ray

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anne Captain J Hardy

Crew: Pass

Date: 11 OCT 02

Time: 1050 to 1107

Shift#: 085

Dredge Location:

Total Tow Time: 17 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1359

High Tide Time: 2212

Ebb: ✓ Flood:

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)

Wave Height: 1-2

Air Temperature: 58°F

Wind Speed/Direction: E @ 5K

Barometric Pressure:

BEGIN TOW

Time: 1050

Depth: 42.6

Speed Mid-Tow: 2.5 knots

Latitude: 26 04.997

Longitude: 97 07.802

Loran:

Station/Buoys: 243

END TOW

Time: 1107

Depth: 32.2 ft

Total Tow Distance: ft

Latitude: 26 04.123

Longitude: 97 08.121

Loran:

Station/Buoys: 243

NUMBER OF TURTLES

Port Net: Ø

Logger:

Kemp:

Green:

Other:

Starboard Net: Ø

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

* Pick up early → Crew boat swapping observers
Dredge is getting ready to start digging

1 Rough-tail Ray
5 cookdowns
5 Harvest fish

lots of jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew:

Date: 11 Dec 02
Time: 1131 to 1211
Shrimp#: 086
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1359
High Tide Time: 2312
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-2
Air Temperature: 58° F
Wind Speed/Direction: E 15 K
Barometric Pressure:

BEGIN TOW

Time: 1131
Depth: 40.9
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 479
Longitude: 97 08 070
Loran:
Station/Buoys: 2 & 3

END TOW

Time: 1211
Depth: 34 ft
Total Tow Distance: ft
Latitude: 26 04 040
Longitude: 97 08 047
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

4 striped bass
10 lookdowns
1 gafftop catfish
2 blue claw
A few jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy
Crew: Pass

Date: 11 Dec 02
Time: 1218 to
Shift#: 087
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1359
High Tide Time: 2212
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-2
Air Temperature: 59°F
Wind Speed/Direction: E @ 12
Barometric Pressure:

BEGIN TOW

Time: 1218
Depth: 32.4
Speed Mid-Tow: 2.7 knots
Latitude: 26 04 003
Longitude: 97 08 050
Loran:
Station/Buoys: 2/3

END TOW

Time: 1258
Depth: 32.6 ft
Total Tow Distance: ft
Latitude: 26 04.153
Longitude: 97 08 150
Loran:
Station/Buoys: 3/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 butterfly rays
2 gulftop catfish
1 blue crab
lots of jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 11 Dec 02
Time: 1305 to 1345
Shift#: 088
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1359
High Tide Time: 2212
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-2
Air Temperature: 60's
Wind Speed/Direction: E @ 10K
Barometric Pressure:

BEGIN TOW

Time: 1305 - 1345
Depth: 34.3
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 878
Longitude: 97 08 310
Loran:
Station/Buoys: 2/3

END TOW

Time: 1345
Depth: 40.0 ft
Total Tow Distance: ft
Latitude: 26 03 239
Longitude: 97 07 347
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 blue crabs
5 lookdowns
lots of jellies

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy
Crew: Pass

Date: 11 Dec 02
Time: 1353 to 1433
Shift#: 0859
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0359
High Tide Time: 2212
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 15 °C/F)
Wave Height: 1-2
Air Temperature: 59°F
Wind Speed/Direction: E@15
Barometric Pressure:

BEGIN TOW

Time: 1353
Depth: 45.4
Speed Mid-Tow: 2.7 knots
Latitude: 26 08 286
Longitude: 97 07 180
Loran:
Station/Buoys: 2/3

END TOW

Time: 1433
Depth: 33.5 ft
Total Tow Distance: ft
Latitude: 26 04 264
Longitude: 97 08 023
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

10 Jellyfish
1 ray
jellies

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Nina Captain J Hardy
Crew: [illegible]

Date: 11 DEC 02
Time: 1440 to 1520
Shift#: COC
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1259
High Tide Time: 2312
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 15 °C/F)
Wave Height: 1-2
Air Temperature: 58°F
Wind Speed/Direction:
Barometric Pressure:

BEGIN TOW

Time: 1440
Depth: 34.3
Speed Mid-Tow: 2.7 knots
Latitude: 26 04 070
Longitude: 97 07 910
Loran:
Station/Buoys: 2/3

END TOW

Time: 1520
Depth: 40.6 ft
Total Tow Distance: ft
Latitude: 26.04 072
Longitude: 97 07 884
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 butterfly rays
5 lookdowns
jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy

Crew: Pass

Date: 11 DEC 02

Time: 1527 to 1607

Shift#: 091

Dredge Location:

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1359

High Tide Time: 2212

Ebb: Flood: ✓

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)

Wave Height: 1-2

Air Temperature: 58°F

Wind Speed/Direction:

Barometric Pressure:

BEGIN TOW

Time: 1527

Depth: 37.6

Speed Mid-Tow: 2.6 knots

Latitude: 28 04 085

Longitude: 97 07 612

Loran:

Station/Buoys: 2/3

END TOW

Time: 1607

Depth: 48.9 ft

Total Tow Distance: ft

Latitude: 28 04 012

Longitude: 97 06 752

Loran:

Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Starboard Net: 0

Logger:

Kemp:

Green:

Other:

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

1 butterfly ray

1 gaffey catfish

10 lockdowns

jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Ross

Date: 11 DEC 02
Time: 1614 to 1654
Shrimp#: 092
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1359
High Tide Time: 2212
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 15 °C/F)
Wave Height: 1-2
Air Temperature: 58F
Wind Speed/Direction: ECE 2K
Barometric Pressure:

BEGIN TOW

Time: 1614
Depth: 49.7
Speed Mid-Tow: 2.9 knots
Latitude: 26 04 691
Longitude: 97 06 551
Loran:
Station/Buoys: 2/3

END TOW

Time: 1654
Depth: 40.4 ft
Total Tow Distance: ft
Latitude: 26 03 824
Longitude: 97 07 899
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 lookdowns
jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy

Crew: Pass

Date: 11 DEC 02

Time: 1700 to

Shift#: 093

Dredge Location:

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1359

High Tide Time: 2212

Ebb: Flood: ✓

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)

Wave Height: 1-2

Air Temperature: 58°F

Wind Speed/Direction: E @ 12K

Barometric Pressure:

BEGIN TOW

Time: 1700

Depth: 40.3

Speed Mid-Tow: 2.6 knots

Latitude: 2803 949

Longitude: 97 08 085

Loran:

Station/Buoys: 2/3

END TOW

Time: 1740

Depth: 46.6 ft

Total Tow Distance: ft

Latitude: 2603.841

Longitude: 97 07 138

Loran:

Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:

Kemp:

Green:

Other:

Starboard Net: 0

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

1 butterfly ray
6 lookdowns
2 Harvest fish
jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Mass

Date: 11 Dec 02
Time: 1750 to 1832
Shift#: 094
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1354
High Tide Time: 2212
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-2
Air Temperature: 52°F
Wind Speed/Direction: SE 12 K
Barometric Pressure:

BEGIN TOW

Time: 1750
Depth: 46.0
Speed Mid-Tow: 2.5 knots
Latitude: 26 03 845
Longitude: 97 07 347
Loran:
Station/Buoys: 2/3

END TOW

Time: 1832
Depth: 43.5 ft
Total Tow Distance: ft
Latitude: 26 04.134
Longitude: 97 07.251
Loran:
Station/Buoys: 2&3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

8 Hardtop Catfish
15 Lookdown
6 Harvest
8 Sea Trout
3 Croaker

lots of Jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain D Hardy

Crew:

Date: 11 DEC 02
Time: 1836 to 1916
Shift#: 095
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE

Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1359
High Tide Time: 2212
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/°F)
Wave Height: 1-2
Air Temperature: 58°F
Wind Speed/Direction: E@12K
Barometric Pressure:

BEGIN TOW

Time: 1836
Depth: 46.3
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.780
Longitude: 97 06.715
Loran:
Station/Buoys: 2 & 3

END TOW

Time: 1916
Depth: 33.7 ft
Total Tow Distance: ft
Latitude: 26 04.129
Longitude: 97 08.069
Loran:
Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: ✓

Logger:
Kemp:
Green:
Other:

Starboard Net: ✓

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

* Tore up net - Standby to fix
20 Gafftop Catfish lots of Jellies
10 Croaker 6 Sea trout
2 Striped Burrfish 3 Harvest
6 Lookdown

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D Hardy

Crew: PASS

Date: 11 Dec 02

Time: 1956 to 2036

Shift#: 096

Dredge Location:

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1359

High Tide Time: 2212

Ebb: Flood: ✓

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)

Wave Height: 1-2

Air Temperature: 58°F

Wind Speed/Direction: E@12K

Barometric Pressure:

BEGIN TOW

Time: 1956

Depth: 45.3

Speed Mid-Tow: 2.5 knots

Latitude: 26 03 871

Longitude: 97 01.272

Loran:

Station/Buoys: 2 & 3

END TOW

Time: 2036

Depth: 40.1 ft

Total Tow Distance: ft

Latitude: 26 03.837

Longitude: 9708.209

Loran:

Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: 0

Logger:

Kemp:

Green:

Other:

Starboard Net: 0

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

25 Gifftop Catfish

15 Cookdawgs

5 Anchovies

10 Croaker fish

lots of Jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Amer Captain J. Hardy

Crew: Pass

Date: 11 Dec 02

Time: 2044 to 2124

Shift#: 097

Dredge Location:

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1357

High Tide Time: 2212

Ebb: Flood: ✓

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)

Wave Height: 1-2

Air Temperature: 58°F

Wind Speed/Direction: E@12k

Barometric Pressure:

BEGIN TOW

Time: 2044

Depth: 33.2

Speed Mid-Tow: 2.6 knots

Latitude: 26 04.083

Longitude: 97 08.121

Loran:

Station/Buoys: 283

END TOW

Time: 2124

Depth: 43.7 ft

Total Tow Distance: ft

Latitude: 26 03.998

Longitude: 97 07.291

Loran:

Station/Buoys: 243

NUMBER OF TURTLES

Port Net: Ø

Starboard Net: Ø

Logger:

Kemp:

Green:

Other:

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

15 Gafftop Catfish

8 Lookdowns

8 Harvest fish

1 Sheepshead

2 Croaker

lots of jellies.

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy

Crew: Pass

Date: 11 Dec 02

Time: 2131 to 2210

Shift#: 098

Dredge Location:

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1359

High Tide Time: 2212

Ebb: Flood: ✓

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)

Wave Height: 1-2

Air Temperature: 58°F

Wind Speed/Direction: 8@12K

Barometric Pressure:

BEGIN TOW

Time: 2131

Depth: 37.8

Speed Mid-Tow: 2.5 knots

Latitude: 26 04.003

Longitude: 97 07.736

Loran:

Station/Buoys: 2 & 3

END TOW

Time: 2210

Depth: 44.6 ft

Total Tow Distance: ft

Latitude: 26 05.920

Longitude: 97 07.005

Loran:

Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: Ø

Logger:

Kemp:

Green:

Other:

Starboard Net: Ø

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

2 Butterfly Ray

1 Striped Burr fish

12 Gafftop catfish

10 Lookdown

1 Harvest

lots of gullies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy

Crew: Pass

Date: 11 Dec 02

Time: 2219 to 2259

Shift#: 099

Dredge Location:

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1359

High Tide Time: 2212

Ebb: Flood: ✓

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)

Wave Height: 1-2

Air Temperature: 58°F

Wind Speed/Direction: ECRK

Barometric Pressure:

BEGIN TOW

Time: 2219

Depth: 49.2

Speed Mid-Tow: 2.6 knots

Latitude: 2604.018

Longitude: 9704.757

Loran:

Station/Buoys: 2 & 3

END TOW

Time: 2259

Depth: 43.6 ft

Total Tow Distance: ft

Latitude: 2603.974

Longitude: 9709.739

Loran:

Station/Buoys: 2 & 3

NUMBER OF TURTLES

Port Net: Ø

Logger:

Kemp:

Green:

Other:

Starboard Net: Ø

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

1 octopus
10 lookdowns
10 Harvest fish
1 Striped Burr fish
20 Gafftop Catfish
lots of Jellies

6 croaker
1 pompano
2 Spot

Updated 10

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anne Captain J Hardy
Crew: _____

Date: 11 Dec 02
Time: 2305 to 2315
Shift#: 100
Dredge Location: _____
Total Tow Time: 10 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: _____
High Tide Time: 2212
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 15 °C (F))
Wave Height: 1-2
Air Temperature: 58°F
Wind Speed/Direction: SE 12K
Barometric Pressure: _____

BEGIN TOW

Time: 2305
Depth: 44.5
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.962
Longitude: 97 07.282
Loran: _____
Station/Buoys: 243

END TOW

Time: 2315
Depth: 43.3 ft
Total Tow Distance: _____ ft
Latitude: 26 03.923
Longitude: 97 07.732
Loran: _____
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

6 Gafftop Catfish lots of jellies
1 Crevalle
3 Spot
4 Lookdown

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SEA TURTLE TRAWLING REPORT

Channel: Bayou Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew:

Date: 11 Dec 02
Time: 2351 to 0031
Shift#: 101
Dredge Location:
Total Tow Time: _____ min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time:
High Tide Time: 2212
Ebb: _____ Flood:
Slack Ebb: _____ Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: 15 °C/F)
Wave Height: 1-2
Air Temperature: 58°F
Wind Speed/Direction: E @ 10K
Barometric Pressure:

BEGIN TOW

Time: 2351
Depth: 41.0
Speed Mid-Tow: _____ knots
Latitude: 26 03.966
Longitude: 97 07.964
Loran:
Station/Buoys: 243

END TOW

Time: 0031
Depth: _____ ft
Total Tow Distance: _____ ft
Latitude: 26 03 741
Longitude: 97 08 088
Loran:
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

5 yellow
6 lookdown
3 jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 11 DEC 02
Time: 0040 to
Shift#: 102
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0528
High Tide Time: 0918
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18(C/F)
Wave Height: 2-3
Air Temperature: 58°
Wind Speed/Direction: E 6/10
Barometric Pressure:

BEGIN TOW

Time: 0040
Depth:
Speed Mid-Tow: knots
Latitude: 25 03 954
Longitude: 97 07 860
Loran:
Station/Buoys: 213

END TOW

Time: 0120
Depth: ft
Total Tow Distance: ft
Latitude: 26 03 089
Longitude: 97 07 821
Loran:
Station/Buoys: 213

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 gafftop
4 flounder
jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Bancos Santiago Vessel: Miss Anna Captain J Hanley
Crew: Paul

Date: 12 DEC 02
Time: 0127 to 0207
Shift#: 10.5
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: V

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 05.28
High Tide Time: 0918
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 2-3
Air Temperature: 58°F
Wind Speed/Direction: E @ 10K
Barometric Pressure:

BEGIN TOW

Time: 0127
Depth:
Speed Mid-Tow: 2.7 knots
Latitude: 26 03 854
Longitude: 97 07 977
Loran:
Station/Buoys: 2 3

END TOW

Time: 0207
Depth: ft
Total Tow Distance: ft
Latitude: 26 03 876
Longitude: 97 07 571
Loran:
Station/Buoys: 2 / 3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 gaff-top
jellyfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hurley
Crew: Pass

Date: 12 DEC 02
Time: 0215 to _____
Shift#: 104
Dredge Location: _____
Total Tow Time: _____ min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0528
High Tide Time: 0918
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 (C)F)
Wave Height: 2-3
Air Temperature: 55°F
Wind Speed/Direction: E@10K
Barometric Pressure: _____

BEGIN TOW

Time: 0215
Depth: _____
Speed Mid-Tow: 2.7 knots
Latitude: 26 03 837
Longitude: 97 07 803
Loran: _____
Station/Buoys: 2&3

END TOW

Time: 0255
Depth: _____ ft
Total Tow Distance: _____ ft
Latitude: 26 03 984
Longitude: 97 07 523
Loran: _____
Station/Buoys: 2-3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 butterfly ray
2 gafftop catfish
3 Harvest fish
10 lookdowns
jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy
Crew: Pass

Date: 12 Dec 02
Time: 0305 to
Shift#: 105
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0528
High Tide Time: 0918
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-2
Air Temperature: 58 F
Wind Speed/Direction: ESE 8K
Barometric Pressure:

BEGIN TOW

Time: 0305
Depth:
Speed Mid-Tow: 2.6 knots
Latitude: 26 03 774
Longitude: 97 07 612
Loran:
Station/Buoys:

END TOW

Time: 0345
Depth: ft
Total Tow Distance: ft
Latitude: 26 03 655
Longitude: 97 06 787
Loran:
Station/Buoys: 2, 3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

5 mullet
1 spotter
8 lookdowns
jellyfish

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Dave

Date: 12 DEC 02
Time: 0352 to
Shift#: 106
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0528
High Tide Time: 0918
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 (C/F)
Wave Height: 2-3
Air Temperature: 58°F
Wind Speed/Direction: E 10A
Barometric Pressure:

BEGIN TOW

Time: 0352
Depth:
Speed Mid-Tow: knots
Latitude: 26 03 782
Longitude: 97 06 914
Loran:
Station/Buoys:

END TOW

Time: 0432
Depth: ft
Total Tow Distance: ft
Latitude: 26 03 796
Longitude: 97 07 721
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 butterfly ray
10 lookdowns
jelly fish

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy
Crew: PASS

Date: 12 Dec 02
Time: 0439 to
Shift#: 1C-1
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0528
High Tide Time: 0918
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 2-3
Air Temperature: 56 °F
Wind Speed/Direction: E @ 10K
Barometric Pressure:

BEGIN TOW

Time: 0439
Depth:
Speed Mid-Tow: knots
Latitude: 26 03 730
Longitude: 97 07 487
Loran:
Station/Buoys: 2, 3

END TOW

Time: 0519
Depth: ft
Total Tow Distance: ft
Latitude: 26 04 080
Longitude: 97 08 131
Loran:
Station/Buoys: 2, 3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

0

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 12 DEC 02
Time: 0527 to 0657
Shift#: 108
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0528
High Tide Time: 0918
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 1-3
Air Temperature: 56°F
Wind Speed/Direction: 360 10K
Barometric Pressure:

BEGIN TOW

Time: 0527
Depth: 38.2
Speed Mid-Tow: 2.5 knots
Latitude: 26 03 782
Longitude: 97 07 988
Loran:
Station/Buoys: 243

END TOW

Time: 0657
Depth: ~~24~~ 50.0 ft
Total Tow Distance: ft
Latitude: 26 04.139
Longitude: 97 07.152
Loran:
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Croaker
10 Sea Jellies

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D Hardy
Crew: Pass

Date: 12 Dec 02
Time: 0614 to 0654
Shift#: 109
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: —
Rocks:
Snag:
Other:

Low Tide Time: 0528
High Tide Time: 0918
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 2-3
Air Temperature: 58°F
Wind Speed/Direction: S@10K
Barometric Pressure:

BEGIN TOW

Time: 0614
Depth: 41.4
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.087
Longitude: 97 07.957
Loran:
Station/Buoys: 243

END TOW

Time: 0654
Depth: 38.6 ft
Total Tow Distance: ft
Latitude: 26 04.037
Longitude: 97 07.357
Loran:
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Butterfly Ray
1 Angel Shark
1 Tongue fish
1 Croaker

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Texas Captain D Hardy
Crew: MD

Date: 12 Dec 04
Time: 0701 to 0741
Shift#: 1
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0528
High Tide Time: 0910
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 2-3
Air Temperature: 55°F
Wind Speed/Direction: SSW 10K
Barometric Pressure:

BEGIN TOW

Time: 0701
Depth: 73 4
Speed Mid-Tow: 2.4 knots
Latitude: 26 04.186
Longitude: 97 07.291
Loran:
Station/Buoys: 243

END TOW

Time: 0741
Depth: 41.5 ft
Total Tow Distance: ft
Latitude: 26 03.874
Longitude: 97 07.971
Loran:
Station/Buoys: 243

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

jelly fish

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anne Captain D Hardy
Crew: D Hardy

Date: 12 Dec 02
Time: 0747 to 0827
Shift#: III
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1457
High Tide Time: 0718
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 2-3
Air Temperature: 58 F
Wind Speed/Direction: SE/10K
Barometric Pressure:

BEGIN TOW

Time: 0747
Depth: 37.1
Speed Mid-Tow: 2.4 knots
Latitude: 26 03 946
Longitude: 9708 150
Loran:
Station/Buoys: 2/3

END TOW

Time: 0827
Depth: 44.3 ft
Total Tow Distance: ft
Latitude: 26 01.150
Longitude: 97 06 492
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

No-bycatch

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Jackleage Vessel: Miss Anna Captain D. Hardy

Crew: Pass

Date: 12 Dec 02
Time: 0834 to 0914
Shift#: 112
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE

Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1457
High Tide Time: 0918
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 2-3
Air Temperature: 58°F
Wind Speed/Direction: SW DK
Barometric Pressure:

BEGIN TOW

Time: 0834
Depth: 46.0
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.033
Longitude: 97 06.896
Loran:
Station/Buoys: 2/3

END TOW

Time: 0914
Depth: 37.4 ft
Total Tow Distance: ft
Latitude: 26 04.003
Longitude: 97 07.914
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 Lookdowns
1 Harvest fish
2 Cutlass fish

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D. Hurley
Crew: MDS

Date: 12 Dec 02
Time: 0919 to 0959
Shift#: 1&3
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1457
High Tide Time: 0918
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 3-4
Air Temperature: 58°F
Wind Speed/Direction: NW 10K
Barometric Pressure:

BEGIN TOW

Time: 0919
Depth: 41.6
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.002
Longitude: 97 07.466
Loran:
Station/Buoys: 2/B

END TOW

Time: 0959
Depth: 39.0 ft
Total Tow Distance: ft
Latitude: 26 03.791
Longitude: 97 07.957
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 Jacks
1 Butterfish
1 Butterfly Ray

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anne Captain J. Hardy
Crew: Pass

Date: 12 Dec 02
Time: 1008 to 1048
Shift#: 114
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1457
High Tide Time: 0918
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 3-5
Air Temperature: 58°F
Wind Speed/Direction: S@10K
Barometric Pressure:

BEGIN TOW

Time: 1008
Depth: 41.7
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.957
Longitude: 97 07.710
Loran:
Station/Buoys: 2/3

END TOW

Time: 1048
Depth: 41.4 ft
Total Tow Distance: ft
Latitude: 26 03.657
Longitude: 97 07.688
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

10 Jelly fish

Updated 10-01

REMSA INC.

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy

Crew: Pass

Date: 12 Dec 02

Time: 1054 to 1134

Shift#: 115

Dredge Location:

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1457

High Tide Time: 0918

Ebb: Flood:

Slack Ebb: Slack Flood ✓

Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)

Wave Height: 3.5

Air Temperature: 58°F

Wind Speed/Direction: WC 20K

Barometric Pressure:

BEGIN TOW

Time: 1054

Depth: 40.0

Speed Mid-Tow: 2.6 knots

Latitude: 26 03.682

Longitude: 97 07.958

Loran:

Station/Buoys: 2/3

END TOW

Time: 1134

Depth: 47.7 ft

Total Tow Distance: ft

Latitude: 26 03.663

Longitude: 97 06.893

Loran:

Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Starboard Net: Ø

Logger:

Kemp:

Green:

Other:

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

1 upside down jelly

10 moon jellies

Updated 10-01

REMSA INC.

Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy

Crew: Pass

Date: 12 Dec 02

Time: _____ to _____

Shift#: 116

Dredge Location: _____

Total Tow Time: _____ min.

Survey: _____

Relocation _____

Pre-Dredge: ✓

SUBSTRATE

Mud: _____

Sand: ✓

Rocks: _____

Snag: _____

Other: _____

Low Tide Time: 1457

High Tide Time: 0918

Ebb: _____ Flood: _____

Slack Ebb: _____ Slack Flood ✓

Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)

Wave Height: 3-5

Air Temperature: 58°F

Wind Speed/Direction: W@20K

Barometric Pressure: _____

BEGIN TOW

Time: 1139

Depth: 45.6

Speed Mid-Tow: 2.5 knots

Latitude: 26 03 457

Longitude: 97 07 228

Loran: _____

Station/Buoys: 2/3

END TOW

Time: 1219

Depth: _____ ft

Total Tow Distance: _____ ft

Latitude: 26 03 760

Longitude: 97 07 002

Loran: _____

Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Starboard Net: 0

Logger: _____

Kemp: _____

Green: _____

Other: _____

Logger: _____

Kemp: _____

Green: _____

Other: _____

BY CATCH/COMMENTS

1 butterfly ray

jellyfish

Updated 10-01

REMSA INC.

Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy

Crew:

Date: 12 Dec 02
Time: 1227 to
Shift#: 117
Dredge Location:
Total Tow Time: min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE

Mud:
Sand:
Rocks:
Snag:
Other:

Low Tide Time: 1457
High Tide Time: 0918
Ebb: Flood:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 2-4
Air Temperature: 58°F
Wind Speed/Direction: W@ 20K
Barometric Pressure:

BEGIN TOW

Time: 1227
Depth:
Speed Mid-Tow: 2.7 knots
Latitude: 26 03 724
Longitude: 97 07 184
Loran:
Station/Buoys: 2/3

END TOW

Time: 1307
Depth: ft
Total Tow Distance: ft
Latitude: 26 03 864
Longitude: 97 08 805
Loran:
Station/Buoys: 2, 3

NUMBER OF TURTLES

Port Net: 0

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 harvest fish
1 puffer
jelly fish

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 12/26/02
Time: 1316 to 1356
Shift#: 118
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1457
High Tide Time: 0918
Ebb: Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 15 °C/F)
Wave Height: 2-4
Air Temperature: 55 F
Wind Speed/Direction: NE 20
Barometric Pressure:

BEGIN TOW

Time: 1316
Depth:
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 846
Longitude: 97 06 935
Loran:
Station/Buoys: 2/3

END TOW

Time: 1356
Depth: ft
Total Tow Distance: ft
Latitude: 26 04 647
Longitude: 97 07 405
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 10

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

10 croaker
1 puffer
Jellies

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Bruce Savings Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 12 DEC 02
Time: 1401 to 1441
Shift#: 1 / 9
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1457
High Tide Time: 0918
Ebb: Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 19°C/F)
Wave Height: 2-4
Air Temperature: 60°F
Wind Speed/Direction:
Barometric Pressure:

BEGIN TOW

Time: 1401
Depth:
Speed Mid-Tow: 2.7 knots
Latitude: 26 04 022
Longitude: 97 07 345
Loran:
Station/Buoys: 2/3

END TOW

Time: 1441
Depth: ft
Total Tow Distance: ft
Latitude: 26 03 900
Longitude: 97 08 126
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

No bycatch

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pat

Date: 12 DEC 02
Time: 1450 to
Shift#: 120
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1457
High Tide Time: ~~0418~~ 2007
Ebb: Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 15 (°C/F)
Wave Height: 2-4
Air Temperature: 59F
Wind Speed/Direction:
Barometric Pressure:

BEGIN TOW

Time: ~~1~~
Depth: 1450
Speed Mid-Tow: knots
Latitude: 26 03 932
Longitude: 97 08 033
Loran:
Station/Buoys: 2/3

END TOW

Time: 1530
Depth: ft
Total Tow Distance: ft
Latitude: 26 03 850
Longitude: 97 07 382
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 harvest fish
6 lookdowns
3 jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Purdy

Crew: Russ

Date: 12 DEC 02

Time: 1536 to 1626

Shift#: 121

Dredge Location:

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1457

High Tide Time: 2207

Ebb: Flood:

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)

Wave Height: 1-3

Air Temperature: 60°F

Wind Speed/Direction:

Barometric Pressure:

BEGIN TOW

Time: 1536

Depth:

Speed Mid-Tow: 2.8 knots

Latitude: 26 03 354

Longitude: 97 07 494

Loran:

Station/Buoys: 2/3

END TOW

Time: 1626

Depth: ft

Total Tow Distance: ft

Latitude: 26 03 702

Longitude: 97 06 962

Loran:

Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Starboard Net: 0

Logger:

Kemp:

Green:

Other:

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

3 mullet
1 harvest fish
5 lookdowns
jellies

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew:

Date: 12 DEC 02
Time: 1625 to
Shift#: 122
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1457
High Tide Time: 2207
Ebb: Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-2
Air Temperature: 60's
Wind Speed/Direction:
Barometric Pressure:

BEGIN TOW

Time: 1625
Depth:
Speed Mid-Tow: 2.8 knots
Latitude: 26 05 749
Longitude: 97 07 032
Loran:
Station/Buoys: 2/3

END TOW

Time: 1705
Depth: ft
Total Tow Distance: ft
Latitude: 26 04 058
Longitude: 97 07 504
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 1

Logger:
Kemp:
Green: X
Other:

BY CATCH/COMMENTS

1 butterfly ray
jelly fish

Sea Turtle Tagging Data Report

3

Channel: Brazos Santiago
Tow #: 122
Species: Chelonia mydas

Date: 12 DEC 02
Net (circle) Port (Starboard)
Sex (circle) Male Female (Unknown)

Capture Information:

Capture Location: State: TX County: Cameron
Lat: 26 04 058 Long: 97 07 504
CaptureMethod: Otter trawl

Flipper Tag Information:

Left: XXZ 989
Right: XXZ 988
PIT Tag #:

Species Information: cm.

Straight Carapace Length: (n-n) 46 (t-t) 47.7 Straight Carapace Width: 36.3

Curved Carapace Length: (n-n) 47.5 (t-t) 49 Curved Carapace Width: 41

Plastron Length: 39.5 Plastron Width: 34

Tail Length: 8 Head Width: 7

Condition of Specimen: Healthy

Miscellaneous:

Blood taken: YES (NO) _____ # of vile
Photos takes: (YES) NO
Recapture: _____ this effort _____ previous effort
Organization Tagging: REMSA Inc
Personnel: Cameron Coffee Tara Fitzpatrick

Turtle Release Information:

Date: 12 DEC 02
Lat: 26 01.710
State: TX

Time: 1905
Long: 97 09.630
County: Cameron

Remarks: (note injuries, gear or debris entanglement, wounds or mutations, propeller damage, papillomas, tag locations, etc.)

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SEA TURTLE TRAWLING REPORT

Channel: Bocas Santiago Vessel: Miss Anna Captain J Hardy
Crew:

Date: 12 DEC 02
Time: ~~1712~~ to 1752
Shift#: 123
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1457
High Tide Time: 2207
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 28 °C/F)
Wave Height: 1-2
Air Temperature: 60°F
Wind Speed/Direction: UNKNOWN
Barometric Pressure:

BEGIN TOW

Time: 1712
Depth: 16.3
Speed Mid-Tow: 2.7 knots
Latitude: 26 04 004
Longitude: 97 07 988
Loran:
Station/Buoys: 2/3

END TOW

Time: 1752
Depth: 33.0 ft
Total Tow Distance: ft
Latitude: 26 07.068
Longitude: 97 08.096
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Striped Burrfish
5 Lookdown
5 Harvestfish
12 Jellies
3 Mullets

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew:

Date: 12 DEC 02
Time: 1801 to 1841
Shift#: 124
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1452
High Tide Time: 2207
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 15°C/F)
Wave Height: 2-3
Air Temperature: 57°F
Wind Speed/Direction: NW@10K
Barometric Pressure:

BEGIN TOW

Time: 1801
Depth: 37-8
Speed Mid-Tow: 2.6 knots
Latitude: 26 07.001
Longitude: 97 07.704
Loran:
Station/Buoys: 2/3

END TOW

Time: 1841
Depth: 54-4 ft
Total Tow Distance: ft
Latitude: 26 02.933
Longitude: 97 06.045
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J Kirby

Crew:

Date: 13 Dec 02
Time: 1937 to 2017
Shift#: 125
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE

Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1457
High Tide Time: 2207
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: NW @ 10K
Barometric Pressure:

BEGIN TOW

Time: 1937
Depth: 56.1
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.640
Longitude: 97 06.937
Loran:
Station/Buoys: 2/3

END TOW

Time: 2017
Depth: 35.6 ft
Total Tow Distance: ft
Latitude: 26 04.180
Longitude: 97 07.864
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 mullet
20 jellyfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D. Hardy

Crew: Pass

Date: 12 Dec 02

Time: 2024 to 2104

Shift#: 126

Dredge Location:

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1457

High Tide Time: 2207

Ebb: Flood: ✓

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)

Wave Height: 2-3

Air Temperature: 56°F

Wind Speed/Direction: NW @ 10K

Barometric Pressure:

BEGIN TOW

Time: 2024

Depth: 41.4

Speed Mid-Tow: 2.5 knots

Latitude: 26 04.274

Longitude: 97 07.558

Loran:

Station/Buoys: 2/3

END TOW

Time: 2104

Depth: 44.8 ft

Total Tow Distance: ft

Latitude: 26 03.729

Longitude: 97 07.417

Loran:

Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:

Kemp:

Green:

Other:

Starboard Net: Ø

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

1 Butterfly Ray

1 upside down jelly

10 moon jelly

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain [illegible]

Crew: [illegible]

Date: 12 Dec 02

Time: 2111 to 2151

Shift#: 137

Dredge Location:

Total Tow Time: 46 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other: ✓

Low Tide Time: 1457

High Tide Time: 2307

Ebb: Flood: ✓

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)

Wave Height: 1-2

Air Temperature: 56°F

Wind Speed/Direction: NW@10K

Barometric Pressure:

BEGIN TOW

Time: 2111

Depth: 42.1

Speed Mid-Tow: 2.5 knots

Latitude: 26 03.855

Longitude: 97 07.761

Loran:

Station/Buoys: 2/3

END TOW

Time: 2151

Depth: 40.2 ft

Total Tow Distance: ft

Latitude: 26 04.154

Longitude: 97 06.961

Loran:

Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:

Kemp:

Green:

Other:

Starboard Net: Ø

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

3 Spot fish

20 Jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D. Hardy
Crew: Pass

Date: 12 Dec 02
Time: 2204 to 2244
Shift#: 138
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 14:57
High Tide Time: 2207
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 1-2
Air Temperature: 56°F
Wind Speed/Direction: NW@10K
Barometric Pressure:

BEGIN TOW
Time: 2204
Depth: 47.1
Speed Mid-Tow: 2.5 knots
Latitude: 26 04.013
Longitude: 97 04.946
Loran:
Station/Buoys: 2/3

END TOW
Time: 2244
Depth: 46.0 ft
Total Tow Distance: ft
Latitude: 26 03.685
Longitude: 97 09.366
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Butterfly Ray
1 Black Drum
3 Sheepshead
2 Spot
3 Lookdown
10 Jelly Fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Bayou Lafourche Vessel: Miss Anna Captain S. Hardy

Crew: [illegible]

Date: 12 Dec 02

Time: 2254 to 2334

Shift#: 129

Dredge Location:

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 1457

High Tide Time: 2207

Ebb: Flood:

Slack Ebb: Slack Flood ✓

Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)

Wave Height: 1-2

Air Temperature: 56°F

Wind Speed/Direction: NW @ 10K

Barometric Pressure:

BEGIN TOW

Time: 2254

Depth: 48.5

Speed Mid-Tow: 2.6 knots

Latitude: 26 04 025

Longitude: 97 06 908

Loran:

Station/Buoys: 2/3

END TOW

Time: 2334

Depth: 41.7 ft

Total Tow Distance: ft

Latitude: 26 03 706

Longitude: 97 07 744

Loran:

Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:

Kemp:

Green:

Other:

Starboard Net: Ø

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

1 Croaker

1 Spot

10 Jelly fish (moon)

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Corpus Christi Vessel: Miss Anna Captain D. Hardy
Crew: MSU

Date: 02 Dec 02
Time: 2341 to 0021
Shift#: 130
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0525
High Tide Time: 2307
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-2
Air Temperature: 50°F
Wind Speed/Direction: NW 10K
Barometric Pressure: _____

BEGIN TOW

Time: 2341
Depth: 42.5
Speed Mid-Tow: 2.5 knots
Latitude: 26 23 974
Longitude: 97 08.663
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0021
Depth: _____ ft
Total Tow Distance: _____ ft
Latitude: 26 03 961
Longitude: 97 04 742
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 crabber
Smaller
Jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D. Hardy

Crew: Pass

Date: 13 DEC 02

Time: 0030 to

Shift#: 131

Dredge Location:

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 0525

High Tide Time: 2207

Ebb: Flood:

Slack Ebb: Slack Flood ✓

Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)

Wave Height: 1-2

Air Temperature: 56°F

Wind Speed/Direction: NW @ 10K

Barometric Pressure:

BEGIN TOW

Time: 0030

Depth:

Speed Mid-Tow: 2.7 knots

Latitude: 26 03 915

Longitude: 97 06 919

Loran:

Station/Buoys: 2/3

END TOW

Time: 0110

Depth: ft

Total Tow Distance: ft

Latitude: 26 04 260

Longitude: 97 07 373

Loran:

Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:

Kemp:

Green:

Other:

Starboard Net: Ø

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

4 croaker
3 mullet
jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Barnes Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 13 DEC 02
Time: 0120 to
Shift#: 132
Dredge Location:
Total Tow Time: 30 min.

Survey:
Relocation
Pre-Dredge: —

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0525
High Tide Time: 2208
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 (C)/F)
Wave Height: 1-2
Air Temperature: 55°F
Wind Speed/Direction: NW E 5/6
Barometric Pressure:

BEGIN TOW

Time: 0120
Depth:
Speed Mid-Tow: 2.6 knots
Latitude: 26 04 266
Longitude: 97 07 263
Loran:
Station/Buoys: 2/3

END TOW

Time: 0150
Depth: ft
Total Tow Distance: ft
Latitude: 2603 0700
Longitude: 97 06 985
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

6 croaker
jellies

hung up ~~on~~
pulled nets to untangle

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Papi

Date: 13 DEC 02
Time: _____ to _____
Shift#: 133
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0525
High Tide Time: 2209
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 15°C/F)
Wave Height: 1-2
Air Temperature: 54°F
Wind Speed/Direction: NW@10K
Barometric Pressure: _____

BEGIN TOW

Time: 0240
Depth: _____
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 943
Longitude: 97 07 553
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0320
Depth: _____ ft
Total Tow Distance: _____ ft
Latitude: 26 03 812
Longitude: 97 06 731
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

5 crabber
3 lookdowns
jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Russ

Date: 13 DEC 02
Time: 0333 to 0413
Shift#: 134
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0525
High Tide Time: 2208
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 1-2
Air Temperature: 55°F
Wind Speed/Direction: NW 10K
Barometric Pressure:

BEGIN TOW

Time: 0333
Depth:
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 740
Longitude: 97 26 944
Loran:
Station/Buoys: 2/3

END TOW

Time: 0413
Depth: ft
Total Tow Distance: ft
Latitude: 26 04 315
Longitude: 97 27 288
Loran:
Station/Buoys:

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

4 croaker
1 catfish
2 lookdowns
1 harvest fish
jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Bravo Santiago Vessel: Miss Anna Captain J Hanley
Crew: Paul

Date: 13 DEC 02
Time: 0420 to _____
Shift#: 135
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0525
High Tide Time: 2208
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 (C/F)
Wave Height: 1-2
Air Temperature: 53°F
Wind Speed/Direction: NW 10K
Barometric Pressure: _____

BEGIN TOW

Time: 0420
Depth: _____
Speed Mid-Tow: _____ knots
Latitude: 26 04 228
Longitude: 97 07 175
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0500
Depth: _____ ft
Total Tow Distance: _____ ft
Latitude: 26 04 134
Longitude: 97 08 206
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 butterfly rays
4 mullets
jelly fish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 13 DEC 02
Time: 0510 to
Shift#: 136
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0525
High Tide Time: 2205
Ebb: Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 15(C)/F)
Wave Height: 1-2
Air Temperature: 53F
Wind Speed/Direction:
Barometric Pressure:

BEGIN TOW

Time: 0510
Depth:
Speed Mid-Tow: 2.7 knots
Latitude: 26 04 259
Longitude: 97 08 006
Loran:
Station/Buoys: 2/3

END TOW

Time: 0550
Depth: ft
Total Tow Distance: ft
Latitude: 26 03 979
Longitude: 97 07 834
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

Jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pam

Date: 13 DEC 02
Time: 0600 to
Shift#: 137
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0525
High Tide Time: 2208
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-2
Air Temperature: 52°F
Wind Speed/Direction: NW@10K
Barometric Pressure:

BEGIN TOW

Time: 0600
Depth: 46.3
Speed Mid-Tow: 2.6 knots
Latitude: 26 03 956
Longitude: 97 08 034
Loran:
Station/Buoys: 2/3

END TOW

Time: 0640
Depth: 41.1 ft
Total Tow Distance: ft
Latitude: 26 03.999
Longitude: 97 07.249
Loran:
Station/Buoys: 2 | 3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Butterfly Ray
4 Croaker
6 Spot
10 mullet
lots of jellies

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy

Crew: Pass

Date: 13 DEC 02

Time: 0649 to 0729

Shift#: 138

Dredge Location:

Total Tow Time: 40 min.

Survey:

Relocation

Pre-Dredge: ✓

SUBSTRATE

Mud:

Sand: ✓

Rocks:

Snag:

Other:

Low Tide Time: 0525

High Tide Time: 1208

Ebb: Flood: ✓

Slack Ebb: Slack Flood

Comments:

Water Temp. (B: °C)(M: °C)(S: 18(°C)/F)

Wave Height: 1-2

Air Temperature: 50°F

Wind Speed/Direction: NW Clear

Barometric Pressure:

BEGIN TOW

Time: 0649

Depth: 39.1

Speed Mid-Tow: 2.5 knots

Latitude: 2601.070

Longitude: 9707.542

Loran:

Station/Buoys: 2/3

END TOW

Time: 0729

Depth: 47.9 ft

Total Tow Distance: ft

Latitude: 2603.812

Longitude: 9707.160

Loran:

Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Starboard Net: 0

Logger:

Kemp:

Green:

Other:

Logger:

Kemp:

Green:

Other:

BY CATCH/COMMENTS

7 look down

4 Butterfly Ray

8 Harvest fish

20 Jelly fish (moon)

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anne Captain D. Hurley
Crew: MDD

Date: 13 OCT 02
Time: _____ to _____
Shift#: 139
Dredge Location: _____
Total Tow Time: _____ min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0525
High Tide Time: 1208
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 (C/F)
Wave Height: 1-2
Air Temperature: 58° F
Wind Speed/Direction: Variable
Barometric Pressure: _____

BEGIN TOW

Time: 0735
Depth: 49.6
Speed Mid-Tow: 2.6 knots
Latitude: 26 03 843
Longitude: 97 06.744
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0815
Depth: 39.3 ft
Total Tow Distance: _____ ft
Latitude: 26 03.988
Longitude: 97 07.926
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

3 porpoises
6 lookdowns
12 moon jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D. Hardy
Crew: Pass

Date: 13 Dec 02
Time: _____ to _____
Shift#: 140
Dredge Location: _____
Total Tow Time: _____ min.

Survey: _____
Relocation _____
Pre-Dredge: ✓

SUBSTRATE

Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0525
High Tide Time: 1208
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 1-2
Air Temperature: 58°F
Wind Speed/Direction: Nw @ 10K
Barometric Pressure: _____

BEGIN TOW

Time: 0823
Depth: 40.1
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.941
Longitude: 97 08.129
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0903
Depth: 41.8 ft
Total Tow Distance: _____ ft
Latitude: 26 04.095
Longitude: 97 07.285
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

6 pompano
4 lookdowns
3 Spot fish
1 upside down jelly
6 moon jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D. Hardy
Crew: Pass

Date: 13 DEC 02
Time: 1509 to 1549
Shift#: 1/1
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation
Pre-Dredge: ✓

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1611
High Tide Time: 1208
Ebb: / Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: ~~28~~ °C/F)
Wave Height: 2-3
Air Temperature:
Wind Speed/Direction: NE 10K
Barometric Pressure:

BEGIN TOW

Time: 1509
Depth: 42.3
Speed Mid-Tow: 2.8 knots
Latitude: 26 03.987
Longitude: 97 08.770
Loran:
Station/Buoys: 2/3

END TOW

Time: 1549
Depth: 40.2 ft
Total Tow Distance: ft
Latitude: 26 03 837
Longitude: 97 07 967
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 butterfly ray
8 harvest fish
3 croaker
4 lookdowns
jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 13 DEC 02
Time: 1605 to 1645
Shift#: 142
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1611
High Tide Time: 2153
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 1-2
Air Temperature: ~~NE@10K~~ 65°F
Wind Speed/Direction: NE@10K
Barometric Pressure:

BEGIN TOW

Time: 1605
Depth: 34.6
Speed Mid-Tow: knots
Latitude: 26 04 004
Longitude: 97 08 371
Loran:
Station/Buoys: 2/3

END TOW

Time: 1645
Depth: 38.8 ft
Total Tow Distance: ft
Latitude: 26 03 871
Longitude: 97 08 280
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 gafftop catfish
6 lockdowns
2 butterfly rays
3 striped burr
jellyfish

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 13 DEC 02
Time: _____ to _____
Shift#: 143
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1611
High Tide Time: 2153
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19°C/F)
Wave Height: 1-2
Air Temperature: 65°F
Wind Speed/Direction: NE@10K
Barometric Pressure: _____

BEGIN TOW

Time: 1650
Depth: 39.9
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 281
Longitude: 97 08 117
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1730
Depth: 36.1 ft
Total Tow Distance: _____ ft
Latitude: 26 03 988
Longitude: 97 08 583
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 gafftop catfish
3 striped burr
10 lookdowns
2 butterfly rays
jelly fish

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 12 DEC 02
Time: 1740 to 1820
Shift#: 144
Dredge Location: Dump
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1611
High Tide Time: 2153
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 (C/F)
Wave Height: 1-2
Air Temperature: 65°F
Wind Speed/Direction: NE @ 5K
Barometric Pressure: _____

BEGIN TOW

Time: 1740
Depth: 35.7
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 006
Longitude: 97 08 486
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1820
Depth: 49.2 ft
Total Tow Distance: _____ ft
Latitude: 26 03 906
Longitude: 97 06 862
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

6 Spot fish
6 Butterfish
10 Lookdowns
15 Harvestfish
20 Jellyfish
2 Striped Burrfish

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 13 DEC 02
Time: 1823 to 1903
Shift#: 145
Dredge Location: Dump
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1611
High Tide Time: 2153
Ebb: Flood: ~
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-2
Air Temperature: 60°F
Wind Speed/Direction: NE@5K
Barometric Pressure:

BEGIN TOW

Time: 1823
Depth: 43.7
Speed Mid-Tow: 2.7 knots
Latitude: 26 04.062
Longitude: 97 06.934
Loran:
Station/Buoys: 2/3

END TOW

Time: 1903
Depth: 35.7 ft
Total Tow Distance: ft
Latitude: 26 04.195
Longitude: 9707.895
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Spot fish
2 Striped Burr fish
15 lookdowns
10 mullet
10 moon jellies

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Mustang Captain J. Hardy
Crew: Pilot

Date: 13 Dec 02
Time: 1910 to 1950
Shift#: 46
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: ✓

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1611
High Tide Time: 2153
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 (C/F)
Wave Height: 1-2
Air Temperature: 60°F
Wind Speed/Direction: NE @ 3K
Barometric Pressure: _____

BEGIN TOW

Time: 1910
Depth: 41.0
Speed Mid-Tow: 2.7 knots
Latitude: 26 01.165
Longitude: 97 07.495
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1950
Depth: 31.5 ft
Total Tow Distance: _____ ft
Latitude: 26 23.657
Longitude: 97 08.171
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

15 lookdowns
15 Harvest
8 Striped Burrfish
20 Mullet
10 Spot fish
3 Croaker
2 Cutlassfish
lots of Jellies

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew:

Date: 13 DEC 00
Time: 1957 to 2037
Shift#: 1 of 1
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1611
High Tide Time: 2153
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 (C)/F)
Wave Height: 1-2
Air Temperature: 60°F
Wind Speed/Direction: NE 05K
Barometric Pressure:

BEGIN TOW

Time: 1957
Depth: 40.9
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.806
Longitude: 97 07.690
Loran:
Station/Buoys: 2/3

END TOW

Time: 2037
Depth: 31.6 ft
Total Tow Distance: ft
Latitude: 26 04.213
Longitude: 97 08.306
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Blacktip Reef Shark
1 Squid
7 mullet
2 lookdown
5 Spot
5 croaker
3 upside down jellyfish

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain D. Hurley
Crew: _____

Date: 13 Dec 02
Time: 2044 to 2124
Shift#: 1st
Dredge Location: Dump
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1611
High Tide Time: 2153
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-2
Air Temperature: 60°F
Wind Speed/Direction: NE 15K
Barometric Pressure: _____

BEGIN TOW

Time: 2044
Depth: 39.6
Speed Mid-Tow: 2.8 knots
Latitude: 26 01.232
Longitude: 97 07.792
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 2124
Depth: 38.8 ft
Total Tow Distance: _____ ft
Latitude: 26 03.815
Longitude: 97 08.229
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 Mantis Shrimp
3 Lookdowns
5 Mullets
Lots of Jellies

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Mistress Captain D. Hardy
Crew:

Date: 13 Dec 02
Time: 2131 to 2211
Shift#: 149
Dredge Location: Dump
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1611
High Tide Time: 2153
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 (C)/F)
Wave Height: 1-2
Air Temperature: 60°F
Wind Speed/Direction: NE@5K
Barometric Pressure:

BEGIN TOW

Time: 2131
Depth: 39.0
Speed Mid-Tow: 2.7 knots
Latitude: 26 03.777
Longitude: 97 07.901
Loran:
Station/Buoys: 2/3

END TOW

Time: 2210
Depth: 32.0 ft
Total Tow Distance: ft
Latitude: 26 04.162
Longitude: 97 08.129
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Butterfly Ray
5 mullet
6 Spot
3 Croaker
20 moon jelly

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain B. Hardy
Crew:

Date: 13 Dec 02
Time: 2219 to 2259
Shift#: 150
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0542
High Tide Time: 2153
Ebb: Flood:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 (C) (F)
Wave Height: 1-2
Air Temperature: 60°F
Wind Speed/Direction: NE @ 5-7K
Barometric Pressure:

BEGIN TOW

Time: 2219
Depth: 31.5
Speed Mid-Tow: 2.7 knots
Latitude: 26 04.252
Longitude: 97 08.330
Loran:
Station/Buoys: 2/3

END TOW

Time: 2259
Depth: 41.0 ft
Total Tow Distance: ft
Latitude: 26 03.891
Longitude: 9707.832
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 spot
2 croaker
5 mullet
lots of jellies

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Mariana Captain D. Hardy
Crew:

Date: 13 DEC 02
Time: 2307 to 2347
Shift#: 157
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0542
High Tide Time: 2143
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 1-2
Air Temperature: 60°F
Wind Speed/Direction: NE @ 5K
Barometric Pressure:

BEGIN TOW

Time: 2307
Depth: 38.5
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.866
Longitude: 97 08.057
Loran:
Station/Buoys: 2/3

END TOW

Time: 2347
Depth: 34.7 ft
Total Tow Distance: ft
Latitude: 26 04.241
Longitude: 97 08.115
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Butterfly Ray
12 Spot fish
3 Croaker
1 Striped Burrfish
3 Harvest fish
6 mullet
2 Sea trout
Lots of jellyfish

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Bayou Santiago Vessel: Miss Anna Captain B. Hartley
Crew: [illegible]

Date: 13 Dec 02
Time: _____ to _____
Shift#: 152
Dredge Location: [redacted]
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0542
High Tide Time: 2143
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 0-1
Air Temperature: 60°F
Wind Speed/Direction: NE 25K
Barometric Pressure: _____

BEGIN TOW

Time: 2354
Depth: 33.9
Speed Mid-Tow: 2.7 knots
Latitude: 26 04.225
Longitude: 97 08.201
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0034
Depth: 37.6 ft
Total Tow Distance: _____ ft
Latitude: 26 03 819
Longitude: 97 08 234
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

5 lookdowns
4 mullets
3 Harvestfish
1 butterfly ray
lots of jelly fish

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 14 DEC 02
Time: _____ to _____
Shift#: 153
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0542
High Tide Time: 1342
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 (C/F)
Wave Height: 0-1
Air Temperature: 60°F
Wind Speed/Direction: NE 05k
Barometric Pressure: _____

BEGIN TOW

Time: 0043
Depth: 39.2
Speed Mid-Tow: 2.7 knots
Latitude: 26 03 789
Longitude: 97 07 906
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0123
Depth: 32.3 ft
Total Tow Distance: _____ ft
Latitude: 26 04 275
Longitude: 97 08 120
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

4 mullet
2 spotfish
jelly fish

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 14 DEC 02
Time: _____ to _____
Shift#: 154
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0542
High Tide Time: 1352
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 ~~°C~~/F)
Wave Height: 0-1
Air Temperature: 60°F
Wind Speed/Direction: NE @ 5k
Barometric Pressure: _____

BEGIN TOW

Time: 0130
Depth: 34.0
Speed Mid-Tow: 2.7 knots
Latitude: 26 04 226
Longitude: 97 07 932
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0210
Depth: 35.8 ft
Total Tow Distance: _____ ft
Latitude: 26 03 685
Longitude: 97 08 247
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 butterfly ray
6 mullets
3 lookdowns
jelly fish

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy
Crew: Pass

Date: 14 DEC 02
Time: _____ to _____
Shift#: 155
Dredge Location: Dump
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0542
High Tide Time: 1352
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 0-1
Air Temperature: 58°F
Wind Speed/Direction: NE@3K
Barometric Pressure: _____

BEGIN TOW

Time: 0218
Depth: 38.3
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 718
Longitude: 97 08 091
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0258
Depth: 33.5 ft
Total Tow Distance: _____ ft
Latitude: 26 04 213
Longitude: 97 08 017
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

No bycatch

Updated 10-01

(4)

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 14 DEC 02
Time: _____ to _____
Shift#: 156
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0542
High Tide Time: 1352
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 0-1
Air Temperature: 58°F
Wind Speed/Direction: NE @ 5K
Barometric Pressure: _____

BEGIN TOW

Time: 0305
Depth: 35.2
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 206
Longitude: 97 07 937
Loran: _____
Station/Buoys: _____

END TOW

Time: 0345
Depth: 38.4 ft
Total Tow Distance: _____ ft
Latitude: 26 03 648
Longitude: 97 07 973
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 1

Logger: _____
Kemp: _____
Green: 1
Other: _____

BY CATCH/COMMENTS

1 butterfly ray
6 lookdowns

(4)

Sea Turtle Tagging Data Report

Channel: Brazos Santiago
Tow #: 156
Species: Chelonia mydas

Date: 14 DEC 02
Net (circle) Port (Starboard)
Sex (circle) Male Female (Unknown)

Capture Information:

Capture Location; State: TX County: Cameron
Lat: 26 03 648 Long: 97 07 973
CaptureMethod: Otter trawl

Flipper Tag Information:

Left: XXZ990
Right: XXZ991
PIT Tag #:

Species Information:

Straight Carapace Length: (n-n) 55.1 (t-t) 56.5 Straight Carapace Width: 45.3

Curved Carapace Length: (n-n) 58.2 (t-t) 59.0 Curved Carapace Width: 52.3

Plastron Length: 46.0 Plastron Width: 41.5

Tail Length: 9.4 Head Width: 8.8

Condition of Specimen: Healthy

Miscellaneous:

Blood taken: YES (NO) _____ # of vile
Photos takes: (YES) NO
Recapture: _____ this effort _____ previous effort
Organization Tagging: REMSA Inc.
Personnel: Cameron Coffee Tara Fitzpatrick

Turtle Release Information:

Date: 14 DEC 02 Time: 0518
Lat; 26 01 419 Long; 97 04 413
State: TX County: Cameron

Remarks: (note injuries, gear or debris entanglement, wounds or mutations, propeller damage, papillomas, tag locations, etc.)

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pgs

Date: 14 Dec 02
Time: 0355 to 0435
Shift#: 157
Dredge Location: dump
Total Tow Time: 40 min.

Survey: ____
Relocation ✓
Pre-Dredge: ____

SUBSTRATE
Mud: ____
Sand: ✓
Rocks: ____
Snag: ____
Other: ____

Low Tide Time: 0542
High Tide Time: 1352
Ebb: ✓ Flood: ____
Slack Ebb: ____ Slack Flood ____
Comments: ____

Water Temp. (B: °C)(M: °C)(S: 18(°C/F)
Wave Height: 0-1
Air Temperature: 58°F
Wind Speed/Direction: NE@5K
Barometric Pressure: ____

BEGIN TOW

Time: 0355
Depth: 39.6
Speed Mid-Tow: 2.8 knots
Latitude: 26.04 168
Longitude: 97 07 989
Loran: ____
Station/Buoys: 2/3

END TOW

Time: 0435
Depth: 38.5 ft
Total Tow Distance: ____ ft
Latitude: 26 04 231
Longitude: 97 07 791
Loran: ____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: ____
Kemp: ____
Green: ____
Other: ____

Starboard Net: 0

Logger: ____
Kemp: ____
Green: ____
Other: ____

BY CATCH/COMMENTS

No bycatch

0430 - Dredge goes to dump
0435 - Pull nets and go 5 miles to release turtle 4

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 14 DEC 02
Time: 0554 to 0634
Shift#: 158
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0542
High Tide Time: 1352
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 0-1
Air Temperature: 58°F
Wind Speed/Direction: NE @ 5k
Barometric Pressure: _____

BEGIN TOW

Time: 0554
Depth: 17.2
Speed Mid-Tow: _____ knots
Latitude: 26 03.733
Longitude: 97 07.081
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0634
Depth: 28.8 ft
Total Tow Distance: _____ ft
Latitude: 26 03.755
Longitude: 9707.833
Loran: _____
Station/Buoys: 2/3.

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

10 Lookdown
10 Sea trout
6 mullet
5 Croaker
5 Spot
2 Striped Burr fish
10 moon jelly
2 upside down jelly

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy
Crew: Pass

Date: 14 Dec 02
Time: 0638 to 0718
Shift#: 159
Dredge Location:
Total Tow Time: 46 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0542
High Tide Time: 1352
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 0-1
Air Temperature: 58°F
Wind Speed/Direction: NE@5K
Barometric Pressure:

BEGIN TOW
Time: 0638
Depth: 44.8
Speed Mid-Tow: 2.6 knots
Latitude: 2663.854
Longitude: 9767.325
Loran:
Station/Buoys: 2/3

END TOW
Time: 0718
Depth: 30.7 ft
Total Tow Distance: ft
Latitude: 2604.322
Longitude: 9708.258
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Striped Burr fish 1 squid
4 lookdown
2 spot fish
1 upside down jelly
5 moon jelly

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Landing Vessel: Miss Anna Captain J. Hardy
Crew: Mike

Date: 14 DEC 02
Time: 0726 to 0806
Shift#: 160
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0542
High Tide Time: 1552
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C(F)
Wave Height: 2-1
Air Temperature: 58°F
Wind Speed/Direction: NE@5K
Barometric Pressure:

BEGIN TOW

Time: 0726
Depth: 35.9
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.701
Longitude: 97 07.819
Loran:
Station/Buoys: 2/3

END TOW

Time: 0806
Depth: 40.3 ft
Total Tow Distance: ft
Latitude: 26 04.284
Longitude: 97 07.463
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 Lookdown
2 Gafftop catfish
2 Mullet

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hurley
Crew: _____

Date: 14 DEC 02
Time: 0814 to 0854
Shift#: 1&1
Dredge Location: Dump
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0542
High Tide Time: 1552
Ebb: _____ Flood: _____
Slack Ebb: ✓ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 0-1
Air Temperature: 58°F
Wind Speed/Direction: NE@5K
Barometric Pressure: _____

BEGIN TOW

Time: 0814
Depth: 44.1
Speed Mid-Tow: 2.7 knots
Latitude: 24 03.905
Longitude: 97 07.069
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0854
Depth: 40.5 ft
Total Tow Distance: _____ ft
Latitude: 24 03.857
Longitude: 9707.891
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

10 Lookdown
10 Harvest fish
50 Laughing Gulls

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy
Crew:

Date: 4 JUL 02
Time: 0900 to 0940
Shift#: 162
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0542
High Tide Time: 1552
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 (C)/F)
Wave Height: 0-1
Air Temperature: 58°F
Wind Speed/Direction: NE@5K
Barometric Pressure:

BEGIN TOW

Time: 0900
Depth: 45.6
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.809
Longitude: 97 07.295
Loran:
Station/Buoys: 2/3

END TOW

Time: 0940
Depth: 31.7 ft
Total Tow Distance: ft
Latitude: 26 04.289
Longitude: 97 08.174
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Spotted Eagle Ray
8 Butterfish
6 Harvest fish
20 moon jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Christmas Pass Vessel: Miss Anne Captain D. Hardy
Crew:

Date: 14 Dec 02
Time: 0946 to 1026
Shift#: 163
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0542
High Tide Time: 1552
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 (C/F))
Wave Height: 0-1
Air Temperature: 58°F
Wind Speed/Direction: NE @ 5K
Barometric Pressure:

BEGIN TOW

Time: 0946
Depth: 39.2
Speed Mid-Tow: 2.7 knots
Latitude: 28 04.237
Longitude: 97 07.761
Loran:
Station/Buoys: 2/3

END TOW

Time: 1026
Depth: 37.2 ft
Total Tow Distance: ft
Latitude: 28 03.772
Longitude: 97 08.312
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

25 Butterfish
4 Lookdowns
1 Cutlass fish
2 croaker
100 moon jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D. Hardy
Crew: Brazos Santiago Pass

Date: 14 Dec 02
Time: 1033 to 1113
Shift#: 164
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0548
High Tide Time: 1552
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 19°C/F)
Wave Height: 0-1
Air Temperature: 43°F
Wind Speed/Direction: Calm (0)
Barometric Pressure:

BEGIN TOW

Time: 1033
Depth: 39.1
Speed Mid-Tow: 2.7 knots
Latitude: 26.03.730
Longitude: 97.07.819
Loran:
Station/Buoys: 2/3

END TOW

Time: 1113
Depth: 34.8 ft
Total Tow Distance: ft
Latitude: 26 04. 148
Longitude: 97 07.875
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

20 Harvest fish
10 Lookdown
30 Butterfish
Lots of moon jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain S. Hardy
Crew:

Date: 14 Dec 02
Time: 1120 to 1200
Shift#: 165
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0542
High Tide Time: 1552
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 19°C/F)
Wave Height: 0-1
Air Temperature: 73°F
Wind Speed/Direction: Calm (0)
Barometric Pressure:

BEGIN TOW

Time: 1120
Depth: 33.5
Speed Mid-Tow: 2.7 knots
Latitude: 26 04.186
Longitude: 97 08.235
Loran:
Station/Buoys: 2/3

END TOW

Time: 1200
Depth: 49.0 ft
Total Tow Distance: ft
Latitude: 26 03.872
Longitude: 97 07.515
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Squid
5 Croaker
18 Butterfish
0 Spot fish
lots of jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Iona Captain D. Hardy
Crew: _____

Date: 14 Dec 02
Time: _____ to _____
Shift#: 1166
Dredge Location: _____
Total Tow Time: _____ min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0542
High Tide Time: 1552
Ebb: _____ Flood: _____
Slack Ebb: ✓ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (C) F)
Wave Height: 0-1
Air Temperature: 73°F
Wind Speed/Direction: Calm (0)
Barometric Pressure: _____

BEGIN TOW

Time: 1207
Depth: 39.2
Speed Mid-Tow: 2.9 knots
Latitude: 26 03.885
Longitude: 97 08.072
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1244
Depth: 42.1 ft
Total Tow Distance: _____ ft
Latitude: 26 04 126
Longitude: 97 07 231
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

6 butterfish
4 lookdowns
3 harvest fish
jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 14 DEC 02
Time: 1250 to
Shift#: 167
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0542
High Tide Time: 1552
Ebb: Flood: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 19 (C)F)
Wave Height: 0-1
Air Temperature: 74°F
Wind Speed/Direction: Calm
Barometric Pressure:

BEGIN TOW

Time: 1250
Depth: 36.9
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 167
Longitude: 97 07 781
Loran:
Station/Buoys: 2/3

END TOW

Time: 1330
Depth: 45.2 ft
Total Tow Distance: ft
Latitude: 26 08 872
Longitude: 97 07 216
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 butterfly ray
jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 14 DEC 02
Time: _____ to _____
Shift#: 168
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0542
High Tide Time: 1352
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 ~~C~~F)
Wave Height: 0-1
Air Temperature: 75° F
Wind Speed/Direction: Calm
Barometric Pressure: _____

BEGIN TOW

Time: 1338
Depth: 45.9
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 820
Longitude: 97 07 234
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1418
Depth: 440 ft
Total Tow Distance: _____ ft
Latitude: 26 04 025
Longitude: 97 07 173
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

3 harvest fish
4 lookdowns
jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Vasi

Date: 14 DEC 02
Time: _____ to _____
Shift#: 169
Dredge Location: dump
Total Tow Time: _____ min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0542
High Tide Time: 1352
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 °C/F)
Wave Height: 0-1
Air Temperature: 78°F
Wind Speed/Direction: Calm
Barometric Pressure: _____

BEGIN TOW

Time: 1425
Depth: 41.2
Speed Mid-Tow: 2.7 knots
Latitude: 26 04 109
Longitude: 97 07 306
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1505
Depth: 42.5 ft
Total Tow Distance: _____ ft
Latitude: 26 04 220
Longitude: 97 07 254
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 Harvest fish
3 butter fish
5 lookdowns
jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: M/V/S Anne Captain J Hardy
Crew: Pass

Date: 14 DEC 02
Time: _____ to _____
Shift#: 1 70
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0542
High Tide Time: 1352
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 °C/F)
Wave Height: 0-1
Air Temperature: 80°F
Wind Speed/Direction: calm
Barometric Pressure: _____

BEGIN TOW

Time: 1513
Depth: 43.3
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 156
Longitude: 97 07 231
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1553
Depth: 44.0 ft
Total Tow Distance: _____ ft
Latitude: 26 03 777
Longitude: 97 07 399
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

4 harvest fish
2 butter fish
3 lookdowns
Jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 14 DEC 02
Time: _____ to _____
Shift#: 171
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1756
High Tide Time: 2121
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 °C/F)
Wave Height: 1-3
Air Temperature: 80°F
Wind Speed/Direction: E@8K
Barometric Pressure: _____

BEGIN TOW

Time: 1604
Depth: 46.1
Speed Mid-Tow: 2.6 knots
Latitude: 26 03 799
Longitude: 97 07 230
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1644
Depth: 39.8 ft
Total Tow Distance: _____ ft
Latitude: 26 04 231
Longitude: 97 07 694
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

4 mullets
8 lookdowns
2 harvest fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 14 DEC 02
Time: 1652 to 1732
Shift#: 172
Dredge Location: dump
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1756
High Tide Time: 2221
Ebb: Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 19 °C/F)
Wave Height: 1-3
Air Temperature: 80°F
Wind Speed/Direction: calm
Barometric Pressure:

BEGIN TOW
Time: 1652
Depth: 38.9
Speed Mid-Tow: 2 knots
Latitude: 26 04 212
Longitude: 97 07 589
Loran:
Station/Buoys:

END TOW
Time: 1732
Depth: 39.9 ft
Total Tow Distance: ft
Latitude: 26 03.791
Longitude: 97 07.873
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

4 butter fish
3 lookdowns
Jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 14 DEC 92
Time: 1743 to 1823
Shift#: 173
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1256
High Tide Time: 2221
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 19 @ F)
Wave Height: 1-3
Air Temperature: 78°F
Wind Speed/Direction: NE @ 7K
Barometric Pressure:

BEGIN TOW

Time: 1743
Depth: 43.9
Speed Mid-Tow: 2.7 knots
Latitude: 26 08 807
Longitude: 97 07 424
Loran:
Station/Buoys: 2/3

END TOW

Time: 1823
Depth: 34.6 ft
Total Tow Distance: ft
Latitude: 26 01.214
Longitude: 97 07.796
Loran:
Station/Buoys: 2 3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

5 Butterfish
2 Squid
1 Cowfish
20 Moon jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anne Captain D. Hardy
Crew:

Date: 4 Dec 02
Time: 1832 to 1912
Shift#: 174
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1756
High Tide Time: 2221
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 17 (C/F)
Wave Height: 1-3
Air Temperature: 72°F
Wind Speed/Direction: NE @ 7K
Barometric Pressure:

BEGIN TOW

Time: 1832
Depth: 41.4
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.220
Longitude: 97 07.401
Loran:
Station/Buoys: 2/3

END TOW

Time: 1912
Depth: 32.4 ft
Total Tow Distance: ft
Latitude: 26 04.747
Longitude: 97 08.250
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

6 Lookdowns
5 Butterfish
lots of jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D. Hawley
Crew: MDO

Date: 14 Dec 02
Time: 1918 to 1958
Shift#: 175
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1706
High Tide Time: 2201
Ebb: _____ Flood: _____
Slack Ebb: ✓ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 °C/F)
Wave Height: 1-3
Air Temperature: 68°F
Wind Speed/Direction: NE 7K
Barometric Pressure: _____

BEGIN TOW

Time: 1918
Depth: 36.2
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.470
Longitude: 97 07.893
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1958
Depth: 38.8 ft
Total Tow Distance: _____ ft
Latitude: 26 05.843
Longitude: 97 07.946
Loran: _____
Station/Buoys: 3/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 Croakers
1 Butterfly Ray
5 Moon Jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew:

Date: 14 Dec 02
Time: 2004 to 2044
Shift#: 176
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 1756
High Tide Time: 2221
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 19°C/°F)
Wave Height: 1-3
Air Temperature: 68°F
Wind Speed/Direction: NE/7K
Barometric Pressure:

BEGIN TOW

Time: 2004
Depth: 38.7
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.848
Longitude: 97 08.215
Loran:
Station/Buoys: 2/3

END TOW

Time: 2044
Depth: 38.7 ft
Total Tow Distance: ft
Latitude: 26 04.911
Longitude: 97 07.763
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Butterfly Rays
1 Sheepshead
2 Croaker
5 Spot
3 moon jellies

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy
Crew: MRD

Date: 14 Dec 02
Time: 2057 to 2131
Shift#: 177
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1756
High Tide Time: 2221
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (C/F)
Wave Height: 1-3
Air Temperature: 60°F
Wind Speed/Direction: NE 7K
Barometric Pressure: _____

BEGIN TOW

Time: 2057
Depth: 31.6
Speed Mid-Tow: 2.7 knots
Latitude: 26 04.188
Longitude: 97 08.128
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 2131
Depth: 45.2 ft
Total Tow Distance: _____ ft
Latitude: 26 04.013
Longitude: 97 07.182
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 roughtail ray lots of jellyfish
1 sheepshead
2 croaker
3 spot

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew:

Date: 14 Dec 02
Time: _____ to _____
Shift#: 178
Dredge Location: _____
Total Tow Time: _____ min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 1756
High Tide Time: 2221
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17 (C/F)
Wave Height: 1-3
Air Temperature: 60°F
Wind Speed/Direction: NE@7K
Barometric Pressure: _____

BEGIN TOW

Time: 2138
Depth: 43.2
Speed Mid-Tow: 2.6 knots
Latitude: 2603.865
Longitude: 9707.453
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 2218
Depth: 44.1 ft
Total Tow Distance: _____ ft
Latitude: 2603.731
Longitude: 9707.485
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

5 lookdown
1 Butterfly Ray
1 Striped Burr fish
6 Sea Trout
8 Moon Jelly

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Bayou Heritage Vessel: Miss Anne Captain J. Hardy
Crew: PDS

Date: 14 Dec 02
Time: 2023 to 2303
Shift#: 179
Dredge Location: Dump
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 2221
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19°C/F)
Wave Height: 2-3
Air Temperature: 58°F
Wind Speed/Direction: NE 7K
Barometric Pressure: _____

BEGIN TOW

Time: 2223
Depth: 46.5
Speed Mid-Tow: 2.16 knots
Latitude: 26 03.618
Longitude: 9707.223
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 2303
Depth: 40.3 ft
Total Tow Distance: _____ ft
Latitude: 26 03.681
Longitude: 97 07.997
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 Harvest
4 Sea trout
2 upside down jelly
6 moon jelly
1 Striped Bass

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hanley
Crew:

Date: 14 DEC 02
Time: 2305 to 2348
Shift#: 180
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0603
High Tide Time: 2221
Ebb: Flood:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: ~~°C~~ (C/F)
Wave Height: 2-3
Air Temperature: ~~58°F~~
Wind Speed/Direction: ~~NE 7K~~
Barometric Pressure:

BEGIN TOW

Time: 2308
Depth: 42.5
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.804
Longitude: 97 07.602
Loran:
Station/Buoys: 2/3

END TOW

Time: 2348
Depth: 32.7 ft
Total Tow Distance: ft
Latitude: 26 07 165
Longitude: 97 08 175
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Cownose Rays
1 Butterfly Ray
3 Lookdown
1 Harvestfish
1 Upside down jelly

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Harley
Crew: _____

Date: 14 DEC 02
Time: _____ to _____
Shift#: 181
Dredge Location: _____
Total Tow Time: _____ min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 2221
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17 (C)/F)
Wave Height: 2-3
Air Temperature: 58°F
Wind Speed/Direction: NE 7K
Barometric Pressure: _____

BEGIN TOW

Time: 2357
Depth: 37.7
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.247
Longitude: 97 07.808
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0037
Depth: 36.3 ft
Total Tow Distance: _____ ft
Latitude: 2603 759
Longitude: 97 08 290
Loran: _____
Station/Buoys: _____

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

6 mullet
1 squid
jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 15 DEC 02
Time: _____ to _____
Shift#: 182
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 2221
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19(C/F)
Wave Height: 2-3
Air Temperature: 58°F
Wind Speed/Direction: NE 8k
Barometric Pressure: _____

BEGIN TOW

Time: 0045
Depth: 38.2
Speed Mid-Tow: _____ knots
Latitude: 26 03 870
Longitude: 97 08 063
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0125
Depth: 33.5 ft
Total Tow Distance: _____ ft
Latitude: 26 04 244
Longitude: 97 08 253
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 crabber
3 mullets
jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 15 DEC 02
Time: _____ to _____
Shift#: 183
Dredge Location: dump
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (C)/F)
Wave Height: 2-3
Air Temperature: 58°F
Wind Speed/Direction: NE 5K
Barometric Pressure: _____

BEGIN TOW

Time: 0135
Depth: 33.5
Speed Mid-Tow: 2.7 knots
Latitude: _____
Longitude: 26 04 265
Loran: 47 07 961
Station/Buoys: 2/3

END TOW

Time: 0215
Depth: 38.8 ft
Total Tow Distance: _____ ft
Latitude: 26 03. 726
Longitude: 97 07 870
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 butterfly ray
4 lookdowns
jellyfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 15 Dec 02
Time: _____ to _____
Shift#: 184
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (C)/F)
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: NE @ 5k
Barometric Pressure: _____

BEGIN TOW

Time: 0225
Depth: 37.1
Speed Mid-Tow: 2.7 knots
Latitude: 26 03 678
Longitude: 97 08 227
Loran: _____
Station/Buoys: _____

END TOW

Time: 0305
Depth: 35.5 ft
Total Tow Distance: _____ ft
Latitude: 26 04 144
Longitude: 97 07 167
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 butterfly ray
3 spot fish
2 mullet
jellyfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 15 DEC 02
Time: _____ to _____
Shift#: 1 & 5
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (°C) °F)
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: NE@5K
Barometric Pressure: _____

BEGIN TOW

Time: 0316
Depth: 33.2
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 147
Longitude: 97 07 931
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0356
Depth: 45.2 ft
Total Tow Distance: _____ ft
Latitude: 26 03 505
Longitude: 97 07 179
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 butterfly rays
2 spotfish
1 harvestfish
8 lookdowns
jellyfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Russ

Date: 15 DEC 02
Time: _____ to _____
Shift#: 186
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19°C/F)
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: Calm
Barometric Pressure: _____

BEGIN TOW

Time: 0405
Depth: 44.4
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 627
Longitude: 97 07 316
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0445
Depth: 45.8 ft
Total Tow Distance: _____ ft
Latitude: 26 68 910
Longitude: 97 07 095
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 stripped burr
1 harvest fish
1 butterfly ray
1 spot fish
3 mullet
jellyfish

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Russ

Date: 15 DEC 02
Time: _____ to _____
Shift#: 187
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (C)/F)
Wave Height: 2 - 3
Air Temperature: 54°F
Wind Speed/Direction: calm
Barometric Pressure: _____

BEGIN TOW

Time: 0455
Depth: 43.9
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 028
Longitude: 97 07 129
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0535
Depth: 41.2 ft
Total Tow Distance: _____ ft
Latitude: 26 04 086
Longitude: 97 07 173
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

4 spot fish
2 harvest fish
6 mullet
12 lookdowns
jelly fish

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 15 DEC 02
Time: 0547 to 0627
Shift#: 188
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0603
High Tide Time: 1456
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 19 °C/F)
Wave Height: 2-3
Air Temperature: 54°F
Wind Speed/Direction: calm
Barometric Pressure:

BEGIN TOW

Time: 0547
Depth: 44.4
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 989
Longitude: 97 07 183
Loran:
Station/Buoys: 2/3

END TOW

Time: 0627
Depth: 40.2 ft
Total Tow Distance: ft
Latitude: 26 03 731
Longitude: 97 07 052
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Flounder
4 Striped Burrfish
1 Harvest fish
1 Croaker

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D. Hardy
Crew: Pass

Date: 15 Dec 02
Time: 0633 to 0713
Shift#: 189
Dredge Location:
Total Tow Time: 46 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0603
High Tide Time: 1456
Ebb: ✓ Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 19°C/F)
Wave Height: 2-3
Air Temperature: 54° F
Wind Speed/Direction: SE @ 7K
Barometric Pressure:

BEGIN TOW

Time: 0633
Depth: 40.1
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.859
Longitude: 97 07.177
Loran:
Station/Buoys: 2/3

END TOW

Time: 0713
Depth: 32.1 ft
Total Tow Distance: ft
Latitude: 26 04.212
Longitude: 97 08.140
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 Butterfly Rays
12 Butterfish

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Lina Captain D. Hardy
Crew:

Date: 15 Dec 02
Time: _____ to _____
Shift#: 190
Dredge Location: _____
Total Tow Time: _____ min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 17 °C/F)
Wave Height: 2-3
Air Temperature: 54°F
Wind Speed/Direction: SE@7K
Barometric Pressure: _____

BEGIN TOW

Time: 0718
Depth: 36.5
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.205
Longitude: 97 07.661
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0758
Depth: 37.2 ft
Total Tow Distance: _____ ft
Latitude: 26 03.753
Longitude: 97 08.261
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 Butterfly Ray
20 mullet
6 Sea trout
1 Anchovie
1 Striped Burr fish
2 upside down jelly
2 moon jellys

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J Hawley
Crew:

Date: 15 Dec 02
Time: 0804 to 0844
Shift#: 191
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0603
High Tide Time: 1456
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 19 (9/F)
Wave Height: 2-3
Air Temperature: 59°F
Wind Speed/Direction: SE 12k
Barometric Pressure:

BEGIN TOW

Time: 0804
Depth: 39.8
Speed Mid-Tow: 02.6 knots
Latitude: 26 03.654
Longitude: 97 07.787
Loran:
Station/Buoys: 2/3

END TOW

Time: 0844
Depth: 32.4 ft
Total Tow Distance: ft
Latitude: 26 04.246
Longitude: 97 09.201
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Cownose Ray
3 Butterfish
6 moon jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anne Captain J. Hardy
Crew: Miss

Date: 15 Dec 02
Time: 0849 to 0929
Shift#: 192
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1856
Ebb: _____ Flood: _____
Slack Ebb: ✓ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19°C/F)
Wave Height: 1-3
Air Temperature: 59°F
Wind Speed/Direction: SE@2K
Barometric Pressure: _____

BEGIN TOW

Time: 0849
Depth: 34.5
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.084
Longitude: 97 07.931
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0929
Depth: 39.0 ft
Total Tow Distance: _____ ft
Latitude: 26 03.799
Longitude: 97 08.171
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 Butterfly Ray
1 Harvest fish.
2 upside down jelly

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy
Crew: PMS

Date: 15 Dec 02
Time: 0735 to 1015
Shift#: 193
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0603
High Tide Time: 1456
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: ~~°C~~ °F)
Wave Height: 1-3
Air Temperature: 65°F
Wind Speed/Direction: SE@2K
Barometric Pressure:

BEGIN TOW

Time: 0735
Depth: 39.6
Speed Mid-Tow: 2.7 knots
Latitude: 26 03.655
Longitude: 97 07.977
Loran:
Station/Buoys: 2/3

END TOW

Time: 1015
Depth: 33.5 ft
Total Tow Distance: ft
Latitude: 26 04.067
Longitude: 97 08.014
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 Harvest fish

* net hung up - standby gore net... in the process of changing it.

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew: _____

Date: 15 Dec 02
Time: 1028 to 1108
Shift#: 194
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: _____ Flood: _____
Slack Ebb: ✓ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19°C/F)
Wave Height: 1-3
Air Temperature: 70°F
Wind Speed/Direction: SE@2K
Barometric Pressure: _____

BEGIN TOW

Time: 1028
Depth: 36.8
Speed Mid-Tow: 2.5 knots
Latitude: 26 04.154
Longitude: 97 07.494
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1108
Depth: 37.3 ft
Total Tow Distance: _____ ft
Latitude: 26 03.714
Longitude: 97 08.254
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 eagle Ray
1 Butterfly Ray
2 Butterfish
5 mullet

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew: _____

Date: 15 Dec 02
Time: 1115 to 1155
Shift#: 195
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: _____ Flood: _____
Slack Ebb: ✓ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (C/F)
Wave Height: 1-3
Air Temperature: 70°F
Wind Speed/Direction: SE@7K
Barometric Pressure: _____

BEGIN TOW

Time: 1115
Depth: 38.7
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.644
Longitude: 97 07.834
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1155
Depth: 34.8 ft
Total Tow Distance: _____ ft
Latitude: 26 04.081
Longitude: 9707.949
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 lookdown
1 Butterfly Ray
15 Butter Fish
10 moon jelly

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D. Hardy
Crew: Pass

Date: 15 Dec 02
Time: _____ to _____
Shift#: 196
Dredge Location: dump
Total Tow Time: _____ min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: _____ Flood: _____
Slack Ebb: ✓ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19°C/F)
Wave Height: 1-3
Air Temperature: 70° F
Wind Speed/Direction: SE@7K
Barometric Pressure: _____

BEGIN TOW

Time: 1202
Depth: 39.9
Speed Mid-Tow: _____ knots
Latitude: 26 04.162
Longitude: 97 08.193
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1242
Depth: 39.6 ft
Total Tow Distance: _____ ft
Latitude: 26 08 870
Longitude: 97 08 088
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 6

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

3 harvest fish
2 butterfish
6 lookdowns
jellyfish

Updated 10-01

5

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 15 DEC 02
Time: _____ to _____
Shift#: 197
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: ✓
Sand: _____
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: _____ Flood: —
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (C/F)
Wave Height: 1-3
Air Temperature: 70°F
Wind Speed/Direction: SE@5K
Barometric Pressure: _____

BEGIN TOW

Time: 1250
Depth: 39.4
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 845
Longitude: 97 08 190
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1330
Depth: 33.7 ft
Total Tow Distance: _____ ft
Latitude: 2604 100
Longitude: 97 09 016
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: —

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 1

Logger: _____
Kemp: _____
Green: 1
Other: _____

BY CATCH/COMMENTS

jelly fish

Sea Turtle Tagging Data Report

Channel: Brazos Santiago
Tow #: 197
Species: Chelonia mydas

Date: 15 DEC 02
Net (circle) Port (Starboard)
Sex (circle) Male Female (Unknown)

Capture Information:

Capture Location; State: TX County: Cameron
Lat: 26 04 100 Long: 97 09 016
CaptureMethod:

Flipper Tag Information:

Left: XXZ992
Right: XXZ993
PIT Tag #:

Species Information:

Straight Carapace Length: (n-n) 33.6 (t-t) 34.1 Straight Carapace Width: 26.0

Curved Carapace Length: (n-n) 34.7 (t-t) 35.6 Curved Carapace Width: 30.2

Plastron Length: 27.9 Plastron Width: 24.2

Tail Length: 5.5 Head Width: 5.8

Condition of Specimen: Healthy

Miscellaneous:

Blood taken: YES (NO) _____ # of vile
Photos takes: (YES) NO
Recapture: _____ this effort _____ previous effort
Organization Tagging: REMSA Inc.
Personnel: Cameron Coffee Tara Fitzpatrick

Turtle Release Information:

Date: 15 DEC 02 Time: 1525
Lat; 26 03 351 Long; 97 00 753
State: TX County: Cameron

Remarks: (note injuries, gear or debris entanglement, wounds or mutations, propeller damage, papillomas, tag locations, etc.)

1 small cut underside of right f. flipper

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 15 DEC 02
Time: _____ to _____
Shift#: 198
Dredge Location: dump
Total Tow Time: 40 min.

Survey: _____
Relocation ~
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: ✓ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (°C)/F)
Wave Height: 2-3
Air Temperature: 72°F
Wind Speed/Direction: SE @ 5K
Barometric Pressure: _____

BEGIN TOW

Time: 1340
Depth: 33.7
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 110
Longitude: 97 08 161
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1420
Depth: 43.6 ft
Total Tow Distance: _____ ft
Latitude: 26 03 797
Longitude: 97 07 460
Loran: _____
Station/Buoys: _____

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

3 harvest fish
4 spot fish
3 mullet
Jellyfish

pulled nets at 1420
went 5 miles offshore to relocate 5 while dredge dumped

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Ross

Date: 15 DEC 02
Time: _____ to _____
Shift#: 199
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (C)/F)
Wave Height: 1-3
Air Temperature: 74°F
Wind Speed/Direction: SE @ 8K
Barometric Pressure: _____

BEGIN TOW

Time: 1616
Depth: 41.9
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 828
Longitude: 97 07 717
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1656
Depth: 41.9 ft
Total Tow Distance: _____ ft
Latitude: 26 04 164
Longitude: 97 07 183
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 butterfly ray
3 harvest fish
6 lookdowns
Jellyfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Ask

Date: 15 DEC 02
Time: _____ to _____
Shift#: 200
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (C)/F)
Wave Height: 1-3
Air Temperature: 70°F
Wind Speed/Direction: SE @ 8K
Barometric Pressure: _____

BEGIN TOW

Time: 1705
Depth: 42.8
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 151
Longitude: 97 07 301
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1745
Depth: 43.2 ft
Total Tow Distance: _____ ft
Latitude: 26 04 073
Longitude: 97 07 133
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 15 DEC 02
Time: 1753 to 1833
Shift#: 201
Dredge Location: dump
Total Tow Time: 40 min.

Survey: ____
Relocation ✓
Pre-Dredge: ____

SUBSTRATE
Mud: ____
Sand: ✓
Rocks: ____
Snag: ____
Other: ____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: ____ Flood: ____
Slack Ebb: ____ Slack Flood ✓
Comments: ____

Water Temp. (B: °C)(M: °C)(S: 19 (C) F)
Wave Height: 1-3
Air Temperature: 68°F
Wind Speed/Direction: SE@5k
Barometric Pressure: ____

BEGIN TOW

Time: 1753
Depth: 46.3
Speed Mid-Tow: 2.7 knots
Latitude: 26 03 935
Longitude: 97 07 154
Loran: ____
Station/Buoys: 2/3

END TOW

Time: 1833
Depth: 47.7 ft
Total Tow Distance: ____ ft
Latitude: 26 03.725
Longitude: 97 07.426
Loran: ____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: ____
Kemp: ____
Green: ____
Other: ____

Starboard Net: Ø

Logger: ____
Kemp: ____
Green: ____
Other: ____

BY CATCH/COMMENTS

3 Butterfly Rays
1 Squid
1 Mullet

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hensley
Crew:

Date: 15 Dec 02
Time: 1845 to 1925
Shift#: 202
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0603
High Tide Time: 1756
Ebb: Flood:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: 17(C)/F)
Wave Height: 1-3
Air Temperature: 68°F
Wind Speed/Direction: SE 05K
Barometric Pressure:

BEGIN TOW

Time: 1845
Depth: 48.9
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.782
Longitude: 97 07.016
Loran:
Station/Buoys: 2/3

END TOW

Time: 1925
Depth: 38.9 ft
Total Tow Distance: ft
Latitude: 26 04.147
Longitude: 97 07.768
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 upside down jelly
5 moon jelly
1 squid
1 Rooker
1 Harvest

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Bagos Santiago Vessel: Miss Anna Captain J. Hawley
Crew: Pass

Date: 15 DEC 02
Time: _____ to _____
Shift#: 203
Dredge Location: _____
Total Tow Time: _____ min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0683
High Tide Time: 1456
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (C)/F)
Wave Height: 1-3
Air Temperature: 68°F
Wind Speed/Direction: SE @ 5K
Barometric Pressure: _____

BEGIN TOW

Time: 1930
Depth: 41.2
Speed Mid-Tow: 2.4 knots
Latitude: 26 04.106
Longitude: 97 07.335
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 2010
Depth: 59.2 ft
Total Tow Distance: _____ ft
Latitude: 26 03.662
Longitude: 97 08.057
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 Striped Burr fish
12 mullet
1 upside down jelly
1 moon fish
2 croakers

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anne Captain J. Hensley
Crew: Russ

Date: 15 Dec 02
Time: 2017 to 2057
Shift#: 204
Dredge Location: Dump
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 °C/F)
Wave Height: 1-3
Air Temperature: 68°F
Wind Speed/Direction: SE @ 5K
Barometric Pressure: _____

BEGIN TOW

Time: 2017
Depth: 43.7
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.779
Longitude: 97 07.434
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 2057
Depth: 32.9 ft
Total Tow Distance: _____ ft
Latitude: 26 04.270
Longitude: 97 08.214
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 Sea Trout
1 Butterfly Ray
2 moon jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew:

Date: 15 Dec 02
Time: 2101 to 2144
Shift#: 205
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: /
Rocks:
Snag:
Other:

Low Tide Time: 0603
High Tide Time: 1456
Ebb: Flood:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: 19 (C/F)
Wave Height: 1-3
Air Temperature: 68°F
Wind Speed/Direction: SE 05K
Barometric Pressure:

BEGIN TOW

Time: 2104
Depth: 35.5
Speed Mid-Tow: 2.5 knots
Latitude: 26 04.163
Longitude: 97 07.825
Loran:
Station/Buoys: 2/3

END TOW

Time: 2144
Depth: 36.9 ft
Total Tow Distance: ft
Latitude: 26 03.777
Longitude: 97 08.957
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

no by-catch.

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Tara Captain J. Hardy
Crew: Miss

Date: 15 Dec 02
Time: 2153 to 2233
Shift#: 2nd
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: ✓
Snag: _____
Other: _____

Low Tide Time: 0603
High Tide Time: 1456
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (C/F)
Wave Height: 1-3
Air Temperature: 66°F
Wind Speed/Direction: SE@5K
Barometric Pressure: _____

BEGIN TOW

Time: 2153
Depth: 41.3
Speed Mid-Tow: 2.6 knots
Latitude: 26 03 989
Longitude: 97 08 267
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 2233
Depth: 39.4 ft
Total Tow Distance: _____ ft
Latitude: 26 03. 735
Longitude: 97 08. 119
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

nets on both sides tore up
Standby until replaced.

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Lana Captain J. Hardy
Crew: _____

Date: 15 Dec 02
Time: 2328 to _____
Shift#: 207
Dredge Location: _____
Total Tow Time: _____ min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0003
High Tide Time: 1456
Ebb: _____ Flood: _____
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (C/F)
Wave Height: 1-3
Air Temperature: 60°F
Wind Speed/Direction: SE@5K
Barometric Pressure: _____

BEGIN TOW

Time: 2328
Depth: 43.0
Speed Mid-Tow: 2.9 knots
Latitude: 26 03.666
Longitude: 97 07.606
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0008
Depth: 34.4 ft
Total Tow Distance: _____ ft
Latitude: 26 04 164
Longitude: 97 07 895
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 harvest fish
3 mullet
1 butterfly ray
jellyfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 16 DEC 02
Time: _____ to _____
Shift#: 208
Dredge Location: dump
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0628
High Tide Time: 1544
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 °C/F)
Wave Height: 1-3
Air Temperature: 66°F
Wind Speed/Direction: SE @ 5/c
Barometric Pressure: _____

BEGIN TOW

Time: 0016
Depth: 36.7
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 170
Longitude: 97 07 690
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0056
Depth: 38.5 ft
Total Tow Distance: _____ ft
Latitude: 26 09 730
Longitude: 97 08 180
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

6 striped burrs
1 cownose ray
3 mullet
jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Haddy
Crew: Russ

Date: 16 DEC 02
Time: _____ to _____
Shift#: 209
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0628
High Tide Time: 1544
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (C/F)
Wave Height: 1-3
Air Temperature: 66°F
Wind Speed/Direction: SE @ 5k
Barometric Pressure: _____

BEGIN TOW

Time: 0105
Depth: 40.8
Speed Mid-Tow: 2.9 knots
Latitude: 26 03 687
Longitude: 97 07 624
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0145
Depth: 29.8 ft
Total Tow Distance: _____ ft
Latitude: 26 04 187
Longitude: 97 08 363
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 butterfly ray
5 mullet
2 stripped burr
2 lookdowns
jelly fish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 16 DEC 02
Time: _____ to _____
Shift#: 210
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0628
High Tide Time: 1544
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 14 (C/F)
Wave Height: 2-4
Air Temperature: 66°F
Wind Speed/Direction: calm
Barometric Pressure: _____

BEGIN TOW

Time: 0152
Depth: 32.1
Speed Mid-Tow: _____ knots
Latitude: 26 04 211
Longitude: 97 08134
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0232
Depth: 36.5 ft
Total Tow Distance: _____ ft
Latitude: 26 03 816
Longitude: 97 08 193
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

3 striped bass
6 mullet
1 butterfly ray
jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 16 DEC 02
Time: _____ to _____
Shift#: 2/1
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0628
High Tide Time: 1544
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 (C/F)
Wave Height: 2-4
Air Temperature: 64°F
Wind Speed/Direction: SE@5k
Barometric Pressure: _____

BEGIN TOW

Time: 0240
Depth: 37.3
Speed Mid-Tow: 2.7 knots
Latitude: 26 03 779
Longitude: 97 09 031
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0320
Depth: 35.9 ft
Total Tow Distance: _____ ft
Latitude: 26 04 264
Longitude: 97 07 861
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

4 striped burr
5 mullet
jellyfish

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 16 DEC 02
Time: _____ to _____
Shift#: 212
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0628
High Tide Time: 1544
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19°C/F)
Wave Height: 2-4
Air Temperature: 64°F
Wind Speed/Direction: calm
Barometric Pressure: _____

BEGIN TOW

Time: 0328
Depth: 33.1
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 280
Longitude: 97 07 977
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0408
Depth: 39.8 ft
Total Tow Distance: _____ ft
Latitude: 26 03 818
Longitude: 97 07 714
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 striped burr
1 gafftop catfish
2 lookdowns
jelly fish

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 16 DEC 02
Time: _____ to _____
Shift#: 2/3
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0628
High Tide Time: 1548
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 °C/F)
Wave Height: 2-4
Air Temperature: 64°F
Wind Speed/Direction: SE @ 5K
Barometric Pressure: _____

BEGIN TOW

Time: 0415
Depth: 39.3
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 800
Longitude: 97 07 847
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0455
Depth: 43.2 ft
Total Tow Distance: _____ ft
Latitude: 26 04 223
Longitude: 97 07 254
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

3 butterfly rays
7 striped burr
6 mullet
4 lookdowns
jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 16 DEC 02
Time: _____ to _____
Shift#: 214
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: —
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0628
High Tide Time: 1544
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 19 (C/F)
Wave Height: 2-4
Air Temperature: 56°F
Wind Speed/Direction: SE @ 5K
Barometric Pressure: _____

BEGIN TOW

Time: 0502
Depth: 42.1
Speed Mid-Tow: 2.7 knots
Latitude: 26 04 225
Longitude: 97 07 385
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0542
Depth: 47.4 ft
Total Tow Distance: _____ ft
Latitude: 26 03 874
Longitude: 97 08 967
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

5 striped burr
3 croaker
4 mullets
1 butterfly ray
jelly fish

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 16 DEC 02
Time: 0557 to 0631
Shift#: 215
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0628
High Tide Time: 1544
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 (C)F)
Wave Height: 2-4
Air Temperature: 64°F
Wind Speed/Direction: SE 5K
Barometric Pressure:

BEGIN TOW

Time: 0551
Depth: 44.6
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 817
Longitude: 97 07 136
Loran:
Station/Buoys: 2/3

END TOW

Time: 0631
Depth: 40.7 ft
Total Tow Distance: ft
Latitude: 26 03.718
Longitude: 97 07.616
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

10 Atlantic Bum fish
12 Sea trout
15 Moon jellies
1 Butterfly Ray

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy
Crew: Pass

Date: 16 Dec 02
Time: 0638 to 0718
Shift#: 2nd
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0628
High Tide Time: 1544
Ebb: ✓ Flood:
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 2-3
Air Temperature: 61°F
Wind Speed/Direction: SE 25K
Barometric Pressure:

BEGIN TOW

Time: 0638
Depth: 46.6
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.867
Longitude: 97 07.132
Loran:
Station/Buoys: 2&3

END TOW

Time: 0718
Depth: 38.7 ft
Total Tow Distance: ft
Latitude: 26 01.204
Longitude: 97 07.797
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0
Starboard Net: 0

Logger:
Kemp:
Green:
Other:

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 Striped Burrfish
12 Lookdowns
1 Sheepshead

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew:

Date: 16 Dec 02
Time: 0722 to 0802
Shift#: 217
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0628
High Tide Time: 1544
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18°C/F)
Wave Height: 2-3
Air Temperature: 61°F
Wind Speed/Direction: S@5K
Barometric Pressure:

BEGIN TOW
Time: 0722
Depth: 41.9
Speed Mid-Tow: 2-8 knots
Latitude: 26 04.181
Longitude: 97 07.358
Loran:
Station/Buoys: 2/3

END TOW
Time: 0802
Depth: 36.9 ft
Total Tow Distance: ft
Latitude: 26 03.692
Longitude: 97 08.150
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø
Logger:
Kemp:
Green:
Other:

Starboard Net: Ø
Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 Striped burr fish
4 moon jelly
1 Sheepshead.

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Jane Captain J. Hardy
Crew:

Date: 16 Dec 02
Time: 0808 to 0848
Shift#: 218
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0628
High Tide Time: 1547
Ebb: Flood:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 2-3
Air Temperature: 60°F
Wind Speed/Direction: SW 5K
Barometric Pressure:

BEGIN TOW

Time: 0808
Depth: 40.7
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.647
Longitude: 97 07.642
Loran:
Station/Buoys: 2/3

END TOW

Time: 0848
Depth: 32.5 ft
Total Tow Distance: ft
Latitude: 26 04.257
Longitude: 9708.175
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 upside down jellys
2 moon jellys
1 sweepel

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D. Hasley
Crew: [illegible]

Date: 16 Dec 02
Time: _____ to _____
Shift#: 2/9
Dredge Location: _____
Total Tow Time: _____ min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0628
High Tide Time: 1514
Ebb: _____
Slack Ebb: ✓ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3
Air Temperature: 67°F
Wind Speed/Direction: NW@5K
Barometric Pressure: _____

BEGIN TOW

Time: 1231
Depth: 33.6
Speed Mid-Tow: 2.6 knots
Latitude: 2609.091
Longitude: 9708.032
Loran: _____
Station/Buoys: 3/3b

END TOW

Time: 1311
Depth: 39.6 ft
Total Tow Distance: _____ ft
Latitude: 26 03 864
Longitude: 97 08 219
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 butterfly ray
12 harvest fish
6 mullets
8 lookdowns
jelly fish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 16 DEC 02
Time: _____ to _____
Shift#: 220
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ~
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0629
High Tide Time: 1549
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 2-3
Air Temperature: 65°F
Wind Speed/Direction: S @ 8K
Barometric Pressure: _____

BEGIN TOW

Time: 1316
Depth: 39.6
Speed Mid-Tow: 2.7 knots
Latitude: 26 03 873
Longitude: 97 08 024
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1356
Depth: 32.2 ft
Total Tow Distance: _____ ft
Latitude: 26 04 304
Longitude: 97 09 219
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 butterfly rays
12 harvest fish
6 lookdowns
4 mullets
Jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 16 DEC 02
Time: _____ to _____
Shift#: 221
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation: /
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: /
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0628
High Tide Time: 1544
Ebb: _____ Flood: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 1-3
Air Temperature: 64°F
Wind Speed/Direction: SO 8k
Barometric Pressure: _____

BEGIN TOW

Time: 1405
Depth: 31.8
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 260
Longitude: 97 08 070
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1445
Depth: 38.3 ft
Total Tow Distance: _____ ft
Latitude: 26 03 857
Longitude: 97 08 265
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 butterfly ray
3 harvest fish
6 lookdowns
jelly fish

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(6)

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Russ

Date: 16 DEC 02
Time: ____ to ____
Shift#: 222
Dredge Location: ____
Total Tow Time: 40 min.

Survey: ____
Relocation: ✓
Pre-Dredge: ____

SUBSTRATE
Mud: ____
Sand: ✓
Rocks: ____
Snag: ____
Other: ____

Low Tide Time: 0628
High Tide Time: 1544
Ebb: ____ Flood: ✓
Slack Ebb: ____ Slack Flood ____
Comments: ____

Water Temp. (B: °C)(M: °C)(S: °C)(F)
Wave Height: 2-3
Air Temperature: 64°F
Wind Speed/Direction: 3 @ 5k
Barometric Pressure: ____

BEGIN TOW

Time: 1455
Depth: 38.3
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 852
Longitude: 97 08 117
Loran: ____
Station/Buoys: 2/3

END TOW

Time: 1535
Depth: 31.7 ft
Total Tow Distance: ____ ft
Latitude: 26 04 294
Longitude: 97 08 188
Loran: ____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: ____
Kemp: ____
Green: ____
Other: ____

Starboard Net: 1

Logger: ____
Kemp: ____
Green: 1
Other: ____

BY CATCH/COMMENTS

2 butterfly rays
3 striped burrs
8 harvest fish
10 lookdowns
3 mullet
jelly fish

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Sea Turtle Tagging Data Report

(6)

Channel: Brazos Santiago
Tow #: 222
Species: Chelonia mydas

Date: 16 DEC 02
Net (circle) Port (Starboard)
Sex (circle) Male Female (Unknown)

Capture Information:

Capture Location; State: TX County: Cameron
Lat: 26 04 294 Long: 97 08 188
CaptureMethod: Otter Trawl

Flipper Tag Information:

Left: XXZ 994
Right: XXZ 995
PIT Tag #:

Species Information:

Straight Carapace Length: (n-n) 51.3 (t-t) 51.9 Straight Carapace Width: 40.2

Curved Carapace Length: (n-n) 53.3 (t-t) 54.0 Curved Carapace Width: 45.8

Plastron Length: 45.2 Plastron Width: 38.1

Tail Length: 7.8 Head Width: 7.8

Condition of Specimen: Healthy

Miscellaneous:

Blood taken: YES (NO) _____ # of vile
Photos takes: (YES) NO
Recapture: _____ this effort _____ previous effort
Organization Tagging: REMSA Inc.
Personnel: Cameron Coffee Tara Fitzpatrick

Turtle Release Information:

Date: 16 DEC 02 Time: 1718
Lat; 26 02 489 Long; 97 01 934
State: TX County: Cameron

Remarks: (note injuries, gear or debris entanglement, wounds or mutations, propeller damage, papillomas, tag locations, etc.)

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 16 DEC 02
Time: _____ to _____
Shift#: 223
Dredge Location: dump
Total Tow Time: 40 min.

Survey: _____
Relocation —
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: —
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0628
High Tide Time: 1544
Ebb: Flood: ~~[illegible]~~
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C/F) 11
Wave Height: 2-3
Air Temperature: 64°F
Wind Speed/Direction: SQ 5K
Barometric Pressure: _____

BEGIN TOW

Time: 1545
Depth: 32.8
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 256
Longitude: 97 09 076
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1625
Depth: 39.5 ft
Total Tow Distance: _____ ft
Latitude: 26 03 846
Longitude: 97 08 084
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

2 butterfly rays
6 Harvest fish
6 lookdowns
jelly fish

1625 pull nets
5 miles offshore to relocate 6

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anne Captain J Hardy
Crew: Pass

Date: 16 DEC 02
Time: 1754 to 1839
Shift#: 224
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0628
High Tide Time: 1544
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: 19 °C/F)
Wave Height: 1-3
Air Temperature: 63°F
Wind Speed/Direction: SE@5K
Barometric Pressure:

BEGIN TOW

Time: 1754
Depth: 47.1
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.687
Longitude: 97 07.187
Loran:
Station/Buoys: 2/3

END TOW

Time: 1839
Depth: 44.1 ft
Total Tow Distance: ft
Latitude: 26 03.735
Longitude: 97 07.509
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

5 Butterflyray
3 mullet.
12 Harvestfish
5 Lookdowns
4 Striped burrfish
3 moon jellies

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REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain D Hardy
Crew:

Date: 16 Dec 02
Time: 1846 to 1926
Shift#: 225
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0628
High Tide Time: 1544
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 1-3
Air Temperature: 63°F
Wind Speed/Direction: SE@5K
Barometric Pressure:

BEGIN TOW

Time: 1846
Depth: 46.3
Speed Mid-Tow: 2.7 knots
Latitude: 2603.751
Longitude: 9707.119
Loran:
Station/Buoys: 2/3

END TOW

Time: 1926
Depth: 30.8 ft
Total Tow Distance: ft
Latitude: 2604.456
Longitude: 9708.244
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Black Drum
6 Sea trout
6 Harvest fish
3 Butterfly Rays

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Gina Captain J. Hardy
Crew: Ross

Date: 16 Dec 02
Time: 1933 to 2013
Shift#: 226
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0628
High Tide Time: 1544
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 1-3
Air Temperature: 58°F
Wind Speed/Direction: SE@5K
Barometric Pressure:

BEGIN TOW

Time: 1933
Depth: 34.8
Speed Mid-Tow: 2.7 knots
Latitude: 2604.156
Longitude: 9707.894
Loran:
Station/Buoys: 2/3

END TOW

Time: 2013
Depth: 40.3 ft
Total Tow Distance: ft
Latitude: 2603.891
Longitude: 9707.868
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

5 Harvest fish
2 Sea trout
1 moon jelly
1 Butterfly Ray

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Cane Captain J. Hardy
Crew:

Date: 16 Dec 02
Time: 2019 to 2059
Shift#: 227
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0628
High Tide Time: 1544
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 1-3
Air Temperature: 58°F
Wind Speed/Direction: SSE 05K
Barometric Pressure:

BEGIN TOW

Time: 2019
Depth: 38.4
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.871
Longitude: 97 08.140
Loran:
Station/Buoys: 2/3

END TOW

Time: 2059
Depth: 40.7 ft
Total Tow Distance: ft
Latitude: 26 04.112
Longitude: 9707.533
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 Butterfly Rays
1 Squid
4 Sea trout
3 moon jellies

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy
Crew: Pass

Date: 16 Dec 02
Time: 2104 to 2135
Shift#: 228
Dredge Location:
Total Tow Time: 31 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag: ✓
Other:

*Torenet

Low Tide Time: 0628
High Tide Time: 1544
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3
Air Temperature: 58°F
Wind Speed/Direction: SE@8K
Barometric Pressure:

BEGIN TOW

Time: 2104
Depth: 34.8
Speed Mid-Tow: 2.7 knots
Latitude: 2607.190
Longitude: 9707.916
Loran:
Station/Buoys: 2/3

END TOW

Time: 2135
Depth: 42.9 ft
Total Tow Distance: ft
Latitude: 2607.281
Longitude: 9707.326
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

* tore nets → Standby to replace them.

BY CATCH/COMMENTS

2 Butterfly Ray
1 Cownose Ray
2 Red Snapper
3 Moon jelly
1 Mullet
2 Harvest fish

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Lana Captain J Hardy
Crew:

Date: 16 Dec 02
Time: 2228 to 2318
Shift#: 229
Dredge Location: Dump
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0628
High Tide Time: 1544
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3
Air Temperature: 58°F
Wind Speed/Direction: SE@5K
Barometric Pressure:

BEGIN TOW

Time: 2238
Depth: 40.6
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.341
Longitude: 97 06.930
Loran:
Station/Buoys: 2/3

END TOW

Time: 2318
Depth: 38.8 ft
Total Tow Distance: ft
Latitude: 26 03.824
Longitude: 97 08.214
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Butterfly Ray
8 moon jellies
2 mullet

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: ~~Brazos Santiago~~ PAIS Vessel: Miss Lena Captain J. Hardy
Crew:

Date: 16 Dec 02
Time: _____ to _____
Shift#: 230
Dredge Location: _____
Total Tow Time: _____ min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0628
High Tide Time: ~~1514~~
Ebb: _____
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 2-3 ft
Air Temperature: 56°F
Wind Speed/Direction: SE @ 5K
Barometric Pressure: _____

BEGIN TOW

Time: 2326
Depth: 10.2
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.789
Longitude: 97 07.908
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0006
Depth: 36.7 ft
Total Tow Distance: _____ ft
Latitude: 26 03 489
Longitude: 97 07 983
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 butterfly ray
3 harvest fish
10 mullet
2 sp. 4 fish
jelly fish

Updated 10-01

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Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 17 DEC 02
Time: _____ to _____
Shift#: 231
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0655
High Tide Time: 1626
Ebb: ✓ Flood: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C/F) 18
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: SE@5K
Barometric Pressure: _____

BEGIN TOW

Time: 0015
Depth: 39.2
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 631
Longitude: 97 07 757
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0053
Depth: 34.6 ft
Total Tow Distance: _____ ft
Latitude: 26 04 140
Longitude: 97 08 005
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 butterfly ray
2 spotfish
6 mullet
jellyfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J Hardy
Crew:

Date: 17 DEC 02
Time: ____ to ____
Shift#: 232
Dredge Location: ____
Total Tow Time: 40 min.

Survey: ____
Relocation ✓
Pre-Dredge: ____

SUBSTRATE
Mud: ____
Sand: ✓
Rocks: ____
Snag: ____
Other: ____

Low Tide Time: 0655
High Tide Time: 1626
Ebb: ____
Slack Ebb: ____ Slack Flood ____
Comments: ____

Water Temp. (B: °C)(M: °C)(S: 18 °C/F)
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: SE @ 5k
Barometric Pressure: ____

BEGIN TOW

Time: 0105
Depth: 33.3
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 075
Longitude: 97 07 886
Loran: ____
Station/Buoys: ____

END TOW

Time: 0145
Depth: 38.0 ft
Total Tow Distance: ____ ft
Latitude: 26 03 685
Longitude: 97 07 962
Loran: ____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: ____
Kemp: ____
Green: ____
Other: ____

Starboard Net: 0

Logger: ____
Kemp: ____
Green: ____
Other: ____

BY CATCH/COMMENTS

6 harvest fish
4 lookdowns
12 mullets
Jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 17 DEC 02
Time: _____ to _____
Shift#: 233
Dredge Location: _____
Total Tow Time: 20 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

* tore nets

Low Tide Time: 0655
High Tide Time: 1626
Ebb: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C)(F)
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: Calm
Barometric Pressure: _____

BEGIN TOW

Time: 0158
Depth: 37.7
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 614
Longitude: 97 07 935
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0218
Depth: 40.5 ft
Total Tow Distance: _____ ft
Latitude: 26 04 151
Longitude: 97 07 470
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

tore nets
standby to replace them

jelly fish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Russ

Date: 17 DEC 02
Time: ____ to ____
Shift#: 234
Dredge Location: ____
Total Tow Time: 70 min.

Survey: ____
Relocation ✓
Pre-Dredge: ____

SUBSTRATE
Mud: ____
Sand: ✓
Rocks: ____
Snag: ____
Other: ____

Low Tide Time: 0655
High Tide Time: 1626
Ebb: ____
Slack Ebb: ____ Slack Flood ____
Comments: ____

Water Temp. (B: °C)(M: °C)(S: 8C/F)
Wave Height: 2-3
Air Temperature: 56°F
Wind Speed/Direction: ____
Barometric Pressure: ____

BEGIN TOW

Time: 0305
Depth: 40.5
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 187
Longitude: 97 07 509
Loran: ____
Station/Buoys: 2/3

END TOW

Time: 0345
Depth: 45.0 ft
Total Tow Distance: ____ ft
Latitude: 26 04 016
Longitude: 97 07 132
Loran: ____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: ____
Kemp: ____
Green: ____
Other: ____

Starboard Net: 0

Logger: ____
Kemp: ____
Green: ____
Other: ____

BY CATCH/COMMENTS

1 butterfly ray
1 gafftop
2 mullet
1 spot fish
jellyfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Russ

Date: 12 DEC 02
Time: _____ to _____
Shift#: 235
Dredge Location: dump
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0655
High Tide Time: 1626
Ebb: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C/F)
Wave Height: 1-3
Air Temperature: 54°F
Wind Speed/Direction: SE 5K
Barometric Pressure: _____

BEGIN TOW

Time: 0355
Depth: 44.3
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 949
Longitude: 97 07 133
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0435
Depth: 40.3 ft
Total Tow Distance: _____ ft
Latitude: 26 04 121
Longitude: 97 07 208
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

10 mullets
1 blue crab
jellyfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Puss

Date: 17 DEC 02
Time: _____ to _____
Shift#: 236
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0655
High Tide Time: 1626
Ebb: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C/F) 18
Wave Height: 1-3
Air Temperature: 58°F
Wind Speed/Direction: SE 5K
Barometric Pressure: _____

BEGIN TOW

Time: 0445
Depth: 39.8
Speed Mid-Tow: 2.8 knots
Latitude: 26 04 118
Longitude: 97 07 303
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0525
Depth: 41.5 ft
Total Tow Distance: _____ ft
Latitude: 26 03 769
Longitude: 97 07 510
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS
1 gafftop catfish
2 butterfly rays
1 striped burr
jelly fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Moss Anna Captain J Hardy
Crew: Pass

Date: 17 DEC 02
Time: 0540 to 0620
Shift#: 237
Dredge Location: Dump
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1626
Ebb: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/18 °F)
Wave Height: 1-3
Air Temperature: 62°F
Wind Speed/Direction: S @ 5K
Barometric Pressure:

BEGIN TOW

Time: 0540
Depth: 40.7
Speed Mid-Tow: 2.8 knots
Latitude: 26 03 778
Longitude: 97 07 611
Loran:
Station/Buoys: 2/3

END TOW

Time: 0620
Depth: 40.7 ft
Total Tow Distance: ft
Latitude: 26 04.085
Longitude: 97 07.041
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Squid
1 Sea Trout

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew:

Date: 17 Dec 0
Time: 0628 to 0708
Shift#: 238
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1626
Ebb: ✓
Slack Ebb: ____ Slack Flood ____
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 18
Wave Height: 1-3
Air Temperature: 62°F
Wind Speed/Direction: SW 5K
Barometric Pressure:

BEGIN TOW

Time: 0628
Depth: 39-5
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.130
Longitude: 9707.359
Loran:
Station/Buoys: 2/3

END TOW

Time: 0708
Depth: 40.4 ft
Total Tow Distance: ft
Latitude: 26 04.100
Longitude: 9707.324
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Striped Bass fish
5 Sea Trout
2 Squid
2 Butterfly Ray
5 Mullet

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Lana Captain J. Hardy
Crew:

Date: 17 Dec. 02
Time: _____ to _____
Shift#: 239
Dredge Location: _____
Total Tow Time: _____ min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0655
High Tide Time: 1624
Ebb: ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C (F) 18
Wave Height: 1-3
Air Temperature: 60°F
Wind Speed/Direction: SE @ 9 k
Barometric Pressure: _____

BEGIN TOW

Time: 0712
Depth: 15.2
Speed Mid-Tow: 2.7 knots
Latitude: 26 03 975
Longitude: 97 07 100
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 0752
Depth: 11.7 ft
Total Tow Distance: _____ ft
Latitude: 26 03.862
Longitude: 97 07.531
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

5 moon jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy
Crew: PDS

Date: 17 Dec 02
Time: 0757 to 0837
Shift#: 240
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1626
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 1-3
Air Temperature: 62°F
Wind Speed/Direction: SE 7K
Barometric Pressure:

BEGIN TOW

Time: 0757
Depth: 43.3
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.855
Longitude: 97 07.236
Loran:
Station/Buoys: 2/3

END TOW

Time: 0837
Depth: 38.3 ft
Total Tow Distance: ft
Latitude: 26 04.236
Longitude: 97 07.799
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Gafftop Catfish
2 Squid
4 Harvest fish
5 Butter fish
3 Striped sunfish
3 moon jelly
5 cannon balls (jelly)

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Jana Captain J Hardy
Crew:

Date: 17 Dec 02
Time: 0844 to 0929
Shift#: 241
Dredge Location: Dump
Total Tow Time: 10 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1626
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 1-3
Air Temperature: 62°F
Wind Speed/Direction: SSW
Barometric Pressure:

BEGIN TOW

Time: 0844
Depth: 38.6
Speed Mid-Tow: 2.7 knots
Latitude: 26 04.100
Longitude: 97 07.503
Loran:
Station/Buoys: 2/3

END TOW

Time: 0924
Depth: 38.7 ft
Total Tow Distance: ft
Latitude: 26 23.777
Longitude: 97 07.927
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0
Logger:
Kemp:
Green:
Other:

Starboard Net: 0
Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Butterfish

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Lana Captain J. Hardy
Crew: MSS

Date: 17 Dec 02
Time: 0930 to 1010
Shift#: 2+2
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1626
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 1-3
Air Temperature: 64°F
Wind Speed/Direction: SW 7K
Barometric Pressure:

BEGIN TOW

Time: 0930
Depth: 42.3
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.803
Longitude: 97 07.507
Loran:
Station/Buoys: 2/3

END TOW

Time: 1010
Depth: 29.7 ft
Total Tow Distance: ft
Latitude: 26 04.259
Longitude: 97 08.269
Loran:
Station/Buoys: 2/2

NUMBER OF TURTLES

Port Net: 6

Logger:
Kemp:
Green:
Other:

Starboard Net: 4

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

10 by-catch

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew:

Date: 17 Dec 02
Time: 1016 to 1056
Shift#: 2+3
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1626
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: (°F)) 19
Wave Height: 1-3
Air Temperature: 67°F
Wind Speed/Direction: S@7K
Barometric Pressure:

BEGIN TOW

Time: 1016
Depth: 30.8
Speed Mid-Tow: 2.7 knots
Latitude: 26 04.257
Longitude: 97 07.991
Loran:
Station/Buoys: 2/3

END TOW

Time: 1056
Depth: 37.8 ft
Total Tow Distance: ft
Latitude: 26 03.836
Longitude: 97 08.029
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS
2 harvestfish
1 Cannonball jelly

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Jane Captain J. Hardy
Crew: 2 Pass

Date: 17 Dec 02
Time: 1102 to 1142
Shift#: 244
Dredge Location:
Total Tow Time: ~~40~~ min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1624
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 1-3
Air Temperature: 72°F
Wind Speed/Direction: SE 12K
Barometric Pressure:

BEGIN TOW

Time: 1102
Depth: 37.7
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.669
Longitude: 97 08.073
Loran:
Station/Buoys: 2/3

END TOW

Time: 1142
Depth: 35.1 ft
Total Tow Distance: ft
Latitude: 26 04.081
Longitude: 97 07.862
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anne Captain J. Hardy
Crew: PASS

Date: 17 Dec 02
Time: 0655 to 1232
Shift#: 245
Dredge Location: Dump
Total Tow Time: 37 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1626
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 1-3
Air Temperature: 72°F
Wind Speed/Direction: S@12K
Barometric Pressure:

BEGIN TOW

Time: 1756
Depth: 31.9
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.831
Longitude: 97 08.245
Loran:
Station/Buoys: 2/3

END TOW

Time: 1232
Depth: 33.6 ft
Total Tow Distance: ft
Latitude: 26 04.125
Longitude: 97 08.078
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 moon jelly.

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: PADS

Date: 17 Dec 02
Time: 1255 to 1335
Shift#: 2/4
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1626
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 1-3
Air Temperature: 72°F
Wind Speed/Direction: SE 10E
Barometric Pressure:

BEGIN TOW

Time: 1255
Depth: 38.1
Speed Mid-Tow: 2.6 knots
Latitude: 26 07.217
Longitude: 97 07.295
Loran:
Station/Buoys: 2/3

END TOW

Time: 1335
Depth: 46.2 ft
Total Tow Distance: ft
Latitude: 26 03.784
Longitude: 97 07.324
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

No turtles

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anne Captain J. Hardy
Crew:

Date: 17 Dec 02
Time: 1310 to 1420
Shift#: 247
Dredge Location: Dump
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1626
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 1-3
Air Temperature: 72°F
Wind Speed/Direction: SW 10K
Barometric Pressure:

BEGIN TOW

Time: 1340
Depth: 42.4
Speed Mid-Tow: 2.4 knots
Latitude: 26 03.605
Longitude: 97 07.648
Loran:
Station/Buoys: 2/3

END TOW

Time: ~~1410~~ 1420
Depth: 48.8 ft
Total Tow Distance: ft
Latitude: 26 03.886
Longitude: 97 07 102
Loran:
Station/Buoys: 2&3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 porpoise
1 cobia
1 harvest

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Diversion Vessel: Miss Anna Captain D. Hardy
Crew: PASS

Date: 17 Dec 02
Time: 1425 to 1505
Shift#: 2nd
Dredge Location: Dump
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0655
High Tide Time: 1426
Ebb: Flood ✓
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C/F) 79
Wave Height: 1-3
Air Temperature: 75°F
Wind Speed/Direction: SE 10 K
Barometric Pressure: _____

BEGIN TOW

Time: 1425
Depth: 42.1
Speed Mid-Tow: 2.7 knots
Latitude: 26 04.207
Longitude: 97 07.133
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 1505
Depth: 39.6 ft
Total Tow Distance: _____ ft
Latitude: 26 04.217
Longitude: 97 07.900
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

No by-catch

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D. Hardy
Crew: Ross

Date: 17 Dec 02
Time: 1509 to 15
Shift#: 249
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1626
Ebb: Flood ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 1-3
Air Temperature: 75°F
Wind Speed/Direction: SE@10K
Barometric Pressure:

BEGIN TOW

Time: 1509
Depth: 42.7
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.216
Longitude: 97 07.496
Loran:
Station/Buoys: 2/3

END TOW

Time: 1549
Depth: 40.7 ft
Total Tow Distance: ft
Latitude: 26 03.731
Longitude: 97 07.712
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS
no by-catch.

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain S. Hardy
Crew: Pass

Date: 17 Dec 02
Time: 1555 to 1635
Shift#: 250
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1626
Ebb: Flood ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 1-3
Air Temperature: 75°F
Wind Speed/Direction: SE 10K
Barometric Pressure:

BEGIN TOW

Time: 1555
Depth: 45.6
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.730
Longitude: 97 07.396
Loran:
Station/Buoys: 2/3

END TOW

Time: 1635
Depth: 30.6 ft
Total Tow Distance: ft
Latitude: 26 04.342
Longitude: 97 08.184
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

no by-catch

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D. Hardy
Crew: Pass

Date: 17 Dec 02
Time: 1639 to 1719
Shift#: 257
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1624
Ebb: Flood ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 1-3
Air Temperature: 75°F
Wind Speed/Direction: S @ 10k
Barometric Pressure:

BEGIN TOW

Time: 1639
Depth: 34.8
Speed Mid-Tow: 2.7 knots
Latitude: 26 04.342
Longitude: 97 07.879
Loran:
Station/Buoys: 2/3

END TOW

Time: 1719
Depth: 40.1 ft
Total Tow Distance: ft
Latitude: 26 03.667
Longitude: 97 08.081
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

no by-catch

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain D. Hardy
Crew:

Date: 17 Dec 02
Time: 1724 to 1804
Shift#: 252
Dredge Location: Dump
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1426
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 1-3
Air Temperature: 75°F
Wind Speed/Direction: S@10K
Barometric Pressure:

BEGIN TOW

Time: 1724
Depth: 39.0
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.746
Longitude: 97 08.001
Loran:
Station/Buoys: 2/3

END TOW

Time: 1804
Depth: 35.1 ft
Total Tow Distance: ft
Latitude: 26 04.096
Longitude: 97 07.908
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

NO by Catch

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Mistura Captain D. Hardy
Crew:

Date: 17 Dec 02
Time: 1809 to 1949
Shift#: 253
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1626
Ebb:
Slack Ebb: ____ Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 1-3
Air Temperature: 75° F
Wind Speed/Direction: SE 10K
Barometric Pressure:

BEGIN TOW

Time: 1809
Depth: 34.0
Speed Mid-Tow: 2.6 knots
Latitude: 26 01.253
Longitude: 9708.214
Loran:
Station/Buoys: 2/3

END TOW

Time: 1849
Depth: 41.5 ft
Total Tow Distance: ____ ft
Latitude: 26 03.862
Longitude: 9707.516
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Annie Captain J. Hartley
Crew:

Date: 17 Dec 02
Time: 1054 to 1934
Shift#: 254
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1626
Ebb:
Slack Ebb: ____ Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 69
Wave Height: 1-3
Air Temperature: 75°F
Wind Speed/Direction: SE 15K
Barometric Pressure:

BEGIN TOW

Time: 1054
Depth: 40.8
Speed Mid-Tow: 2.8 knots
Latitude: 26 03.861
Longitude: 97 07.852
Loran:
Station/Buoys: 2/3

END TOW

Time: 1934
Depth: 43.6 ft
Total Tow Distance: ____ ft
Latitude: 26 04 235
Longitude: 97 07.237
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Butterfly Ray
1 Striped Burrfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain D. Hardy
Crew:

Date: 17 Dec 02
Time: 1939 to 2019
Shift#: 255
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1624
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-4
Air Temperature: 70°F
Wind Speed/Direction: S@20K
Barometric Pressure:

BEGIN TOW

Time: 1939
Depth: 40.1
Speed Mid-Tow: 2.7 knots
Latitude: 26 04.165
Longitude: 9707.504
Loran:
Station/Buoys: 2/3

END TOW

Time: 2019
Depth: 43.6 ft
Total Tow Distance: ft
Latitude: 26 03.675
Longitude: 9707.405
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Butterfly Rays
1 Harvest fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anne Captain J. Hurley
Crew:

Date: 17 Dec 02
Time: 2024 to 2104
Shift#: 2526
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1624
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-4
Air Temperature: 70°F
Wind Speed/Direction: S@20-25k
Barometric Pressure:

BEGIN TOW

Time: 2024
Depth: 39.9
Speed Mid-Tow: 2.7 knots
Latitude: 26 03.736
Longitude: 97 07.742
Loran:
Station/Buoys: 2/3

END TOW

Time: 2104
Depth: 40.2 ft
Total Tow Distance: ft
Latitude: 26 03.831
Longitude: 9706.929
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

no-by catch

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anne Captain J. Hurley
Crew:

Date: 17 DEC 02
Time: 2109 to 2149
Shift#: 207
Dredge Location: Bump
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1628
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S °C/F) 19
Wave Height: 3-5
Air Temperature: 66°F
Wind Speed/Direction: SE 20-25k
Barometric Pressure:

BEGIN TOW

Time: 2109
Depth: 44.1
Speed Mid-Tow: 2.8 knots
Latitude: 26 04.182
Longitude: 97 07.047
Loran:
Station/Buoys: 2/3

END TOW

Time: 2149
Depth: 38.7 ft
Total Tow Distance: ft
Latitude: 26 04.189
Longitude: 9707.793
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

No by-catch

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Lana Captain J Hardy
Crew:

Date: 17 Dec 02
Time: 2153 to 2233
Shift#: 258
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1626
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 9
Wave Height: 2-5
Air Temperature: 60°F
Wind Speed/Direction: SE 20-25k
Barometric Pressure:

BEGIN TOW

Time: 2153
Depth: 38.7
Speed Mid-Tow: 2.7 knots
Latitude: 2604.135
Longitude: 9707.592
Loran:
Station/Buoys: 2/3

END TOW

Time: 2233
Depth: 39.1 ft
Total Tow Distance: ft
Latitude: 2603.706
Longitude: 9708.186
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY-CATCH COMMENTS

1 [illegible]
1 [illegible]
1 [illegible]
1 [illegible]

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SEA TURTLE TRAWLING REPORT

Channel: Brazos/Santiago Vessel: Miss Anne Captain J. Hardy
Crew: Miss

Date: 17 Dec 02
Time: 2237 to 2317
Shift#: 259
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1626
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-5
Air Temperature: 60°F
Wind Speed/Direction: SE 20-25K
Barometric Pressure:

BEGIN TOW

Time: 2237
Depth: Bottom: 37.5
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.669
Longitude: 97 07.905
Loran:
Station/Buoys: 2B

END TOW

Time: 2317
Depth: 35.2 ft
Total Tow Distance: ft
Latitude: 26 01.315
Longitude: 97 07.985
Loran:
Station/Buoys: 2B

Port Net: 1
Starboard Net: 1

Logger:
Kemp:
Green:
Other:

BYCATCH

NO BYCATCH

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 17 Dec 02
Time: 2323 to 0003
Shift#: 260
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0655
High Tide Time: 1624
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-5
Air Temperature: 66°F
Wind Speed/Direction: SE 20-25k
Barometric Pressure:

BEGIN TOW

Time: 2323
Depth: 31.5
Speed Mid-Tow: 2.6 knots
Latitude: 26 07 277
Longitude: 97 08 032
Loran:
Station/Buoys: 2/3

END TOW

Time: 0003
Depth: 42.3 ft
Total Tow Distance: ft
Latitude: 26 03 755
Longitude: 97 07 545
Loran:
Station/Buoys: 2/3

[illegible] OF TURTLES

Port Net: [illegible]
Logger:
Kemp:
Green:
Other:

Starboard Net: [illegible]
Logger:
Kemp:
Green:
Other:

BY CATCH COMMENTS

[illegible]

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J. Hardy
Crew: Pass

Date: 18 Dec 02
Time: 0010 to 0040
Shift#: 261
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE	
Mud:	
Sand:	✓
Rocks:	
Snag:	
Other:	

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-5
Air Temperature: 66°F
Wind Speed/Direction: SW 20K
Barometric Pressure:

BEGIN TOW

Time: 0010
Depth: [illegible]
Speed Mid-Tow: [illegible] knots
Latitude: [illegible]
Longitude: [illegible]
Loran:
Station/Buoy: [illegible]

END TOW

Time: 0040
Depth: 41.1 ft
Total Tow Distance: ft
Latitude: 26 04 197
Longitude: 97 07 328
Loran:
Station/Buoy: [illegible]

Port Nav: [illegible]

Logger: [illegible]
Kemp: [illegible]
Green: [illegible]
Other: [illegible]

Updated 10-01

MSA INC

Vessel: Miss Anna Captain J Hardy

Date: 18 Dec 02
Time: 0052 to 0132
Shift#: 262
Dredge Location: Dump
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-5
Air Temperature: 66°F
Wind Speed/Direction: SE 20K
Barometric Pressure:

BEGIN TOW

Time: 0052
Depth: 39.9
Speed Mid-Tow: 2.8 knots
Latitude: 2604.221
Longitude: 9707.632
Loran:
Station/Buoys:

END TOW

Time: 0132
Depth: 46.6 ft
Total Tow Distance: ft
Latitude: 2603.946
Longitude: 9707.167
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

no by-Catch

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D Hardy
Crew: Pass

Date: 18 Dec 02
Time: 0138 to 0218
Shift#: 263
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-5
Air Temperature: 66°F
Wind Speed/Direction: SE 20K
Barometric Pressure:

BEGIN TOW

Time: 0138
Depth: 44.9
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.839
Longitude: 97 07.283
Loran:
Station/Buoys: 2/3

END TOW

Time: 0218
Depth: 44.9 ft
Total Tow Distance: ft
Latitude: 26 03.816
Longitude: 97 07.260
Loran:
Station/Buoys: 2/3

Starboard Net: 6

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Laura Captain D. Hardy
Crew:

Date: 18 Dec 02
Time: 0232 to 0308
Shift#: 264
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: ____ Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-3
Air Temperature: 66 °F
Wind Speed/Direction: SE 15-20k
Barometric Pressure:

BEGIN TOW

Time: 0232
Depth: 45.6
Speed Mid-Tow: 2.8 knots
Latitude: 26 03.980
Longitude: 97 07.027
Loran:
Station/Buoys: 2/3

END TOW

Time: 0308
Depth: 41.8 ft
Total Tow Distance: ____ ft
Latitude: 26 04.179
Longitude: 97 07.235
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Butterfly Ray

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Mustang Captain: D. Hardy
Crew:

Date: 19 Dec 02
Time: 0316 to 0356
Shift#: 265
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: ____ Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) F
Wave Height: 2-5
Air Temperature: 60°F
Wind Speed/Direction: SW 15-20K
Barometric Pressure:

BEGIN TOW

Time: 0316
Depth: 12.3
Speed Mid-Tow: 2.6 knots
Latitude: 2604.135
Longitude: 9707.029
Loran:
Station/Buoys: 2/3

END TOW

Time: 0356
Depth: 12.1 ft
Total Tow Distance: ft
Latitude: 2603.735
Longitude: 9707.168
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

no by-catch.

Updated 10-01

REMSA INC.
Research, Environmental & Management Support

SEA TURTLE TRAWLING REPORT

Channel: Brazos Anchorage Vessel: Miss Anna Captain D. Hartley
Crew: PADS

Date: 18 Dec 02
Time: 0408 to 0448
Shift#: 266
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-3
Air Temperature: 60s °F
Wind Speed/Direction: SW 15K
Barometric Pressure:

BEGIN TOW

Time: 0409
Depth: 45.7
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.799
Longitude: 97 07.202
Loran:
Station/Buoys: 2/3

END TOW

Time: 0448
Depth: 38.3 ft
Total Tow Distance: ft
Latitude: 26 04.320
Longitude: 97 07.535
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Stupid Bird
1 Shrimp

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain B. Hardy
Crew: Russ

Date: 18 Dec 02
Time: 0455 to 0535
Shift#: 2607
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1709
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-5
Air Temperature: 60°F
Wind Speed/Direction: SE 15K
Barometric Pressure:

BEGIN TOW

Time: 0455
Depth: 41.4
Speed Mid-Tow: 2.6 knots
Latitude: 2604.265
Longitude: 9707.503
Loran:
Station/Buoys: 2/3

END TOW

Time: 0535
Depth: 34.2 ft
Total Tow Distance: ft
Latitude: 2603.757
Longitude: 9708.088
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

No by-catch.

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Emma Captain D Hardy
Crew:

Date: 18 Dec 02
Time: 0540 to 0620
Shift#: 268
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb: ✓
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-5
Air Temperature: 66°F
Wind Speed/Direction: S@15K
Barometric Pressure:

BEGIN TOW

Time: 0540
Depth: 39.6
Speed Mid-Tow: 2.6 knots
Latitude: 2603.789
Longitude: 9707.732
Loran:
Station/Buoys: 2/3

END TOW

Time: 0620
Depth: 35.0 ft
Total Tow Distance: ft
Latitude: 2604.363
Longitude: 9707.857
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Sea trout
1 moon jelly

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain: D Hartley
Crew:

Date: 18 Dec 02
Time: 0629 to 0709
Shift#: 269
Dredge Location: Dump
Total Tow Time: 40 min.

Survey:
Relocation: ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb: ✓
Slack Ebb: ____ Slack Flood ____
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 74
Wave Height: 2-5
Air Temperature: 60's °F
Wind Speed/Direction: SW 15
Barometric Pressure:

BEGIN TOW

Time: 0629
Depth:
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.293
Longitude: 97 07.881a
Loran:
Station/Buoys: 2/3

END TOW

Time: 0709
Depth: ft
Total Tow Distance: ft
Latitude: 26
Longitude: 97
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

no by catch

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Fawn Captain D Hardy
Crew:

Date: 18 Dec 02
Time: 0715 to 0755
Shift#: 570
Dredge Location: Dump
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb: ✓
Slack Ebb: ____ Slack Flood ____
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-5
Air Temperature: 66°F
Wind Speed/Direction: SE 15K
Barometric Pressure:

BEGIN TOW

Time: 0715
Depth: 36.2
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.774
Longitude: 97 07.912
Loran:
Station/Buoys: 2/3

END TOW

Time: 0755
Depth: 43.2 ft
Total Tow Distance: ____ ft
Latitude: 26 04.186
Longitude: 97 08.086
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

No by-catch

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Lana Captain J Hardy
Crew: Pass

Date: 18 Dec 02
Time: 0802 to 0842
Shift#: 271
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-5
Air Temperature: 66°F
Wind Speed/Direction: S@15K
Barometric Pressure:

BEGIN TOW

Time: 0802
Depth: 35.8
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.174
Longitude: 97 07.787
Loran:
Station/Buoys: 2/3

END TOW

Time: 0842
Depth: 36.3 ft
Total Tow Distance: ft
Latitude: 26 03.635
Longitude: 97 07.822
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

No by-Catch

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anne Captain J Hardy
Crew: Pass

Date: 18 Dec 02
Time: 0847 to 0927
Shift#: 272
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb: ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 4 - 6
Air Temperature: 66°F
Wind Speed/Direction: S @ 20K
Barometric Pressure:

BEGIN TOW

Time: 0847
Depth: 37.7
Speed Mid-Tow: 2.8 knots
Latitude: 26 03.682
Longitude: 97 07.987
Loran:
Station/Buoys: 2/3

END TOW

Time: 0927
Depth: 35.2 ft
Total Tow Distance: ft
Latitude: 26 04.172
Longitude: 97 07.684
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

no by-catch

Updated 10-01

REMSA INC.
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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Lane Captain J. Hardy
Crew:

Date: 18 DEC 02
Time: 0933 to 1013
Shift#: 273
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 13
Wave Height: 4-6
Air Temperature: 66°F
Wind Speed/Direction: SE 20K
Barometric Pressure:

BEGIN TOW

Time: 0933
Depth: 35.1
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.248
Longitude: 97 08.015
Loran:
Station/Buoys: 2/3

END TOW

Time: 1013
Depth: 41.8 ft
Total Tow Distance: ft
Latitude: 26 03.829
Longitude: 97 07 608
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

no- by catch

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew:

Date: 18 Dec 02
Time: 1019 to 1059
Shift#: 274
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 17
Wave Height: 4-6
Air Temperature: 68°F
Wind Speed/Direction: S@20K
Barometric Pressure:

BEGIN TOW

Time: 1019
Depth: 39.9
Speed Mid-Tow: 2.8 knots
Latitude: 26 03.781
Longitude: 97 07.738
Loran:
Station/Buoys: 2/3

END TOW

Time: 1059
Depth: 43.3 ft
Total Tow Distance: ft
Latitude: 26 04.142
Longitude: 97 07.217
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Butterfly Ray
1 Cownose Ray
5 Butter fish
3 Harvest fish
3 Cannon jelly Balls

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hardy
Crew:

Date: 18 Dec 02
Time: 1108 to 1148
Shift#: 275
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 79
Wave Height: 3-4
Air Temperature: 72°F
Wind Speed/Direction: SE/20K
Barometric Pressure:

BEGIN TOW

Time: 1109
Depth: 40.5
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.141
Longitude: 97 07.697
Loran:
Station/Buoys: 2/3

END TOW

Time: 1148
Depth: 41.2 ft
Total Tow Distance: ft
Latitude: 26 04.116
Longitude: 97 07.101
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

No by-catch

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anne Captain J Hardy
Crew: Pass

Date: 18 Dec 02
Time: 1155 to 1235
Shift#: 276
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 4-6
Air Temperature: 72°F
Wind Speed/Direction: SE 20K
Barometric Pressure:

BEGIN TOW

Time: 1155
Depth: 39.9
Speed Mid-Tow: 2.8 knots
Latitude: 2604081
Longitude: 9708930
Loran:
Station/Buoys: 2/3

END TOW

Time: 1235
Depth: 41.6 ft
Total Tow Distance: ft
Latitude: 2603731
Longitude: 9707739
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Butterfly Ray
2 moon jellies

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Lana Captain J. Hardy
Crew: Pass

Date: 18 Dec 02
Time: 1240 to 1320
Shift#: 277
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 4-6
Air Temperature: 72°F
Wind Speed/Direction: SE 20K
Barometric Pressure:

BEGIN TOW

Time: 1240
Depth: 41.7
Speed Mid-Tow: 2.6 knots
Latitude: 2603.732
Longitude: 9707.482
Loran:
Station/Buoys: 2/3

END TOW

Time: 1320
Depth: ft
Total Tow Distance: ft
Latitude: 2604.313
Longitude: 9708.311
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Butter Fish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anne Captain D. Hartley
Crew:

Date: 18 Dec 02
Time: 1324 to 1404
Shift#: 278
Dredge Location: Dump
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 1-4
Air Temperature: 72°F
Wind Speed/Direction: SE 20K
Barometric Pressure:

BEGIN TOW

Time: 1324
Depth: 35.0
Speed Mid-Tow: 2.6 knots
Latitude: 26 04.445
Longitude: 97 08.271
Loran:
Station/Buoys: 2/3

END TOW

Time: 1404
Depth: 42.9 ft
Total Tow Distance: ft
Latitude: 26 03.843
Longitude: 9707.129
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

3 Butterfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Mustang Captain D Hardy
Crew: MM

Date: 18 Dec 02
Time: 1411 to 1451
Shift#: 279
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1700
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 3-5
Air Temperature: 72°F
Wind Speed/Direction: 3@20K
Barometric Pressure:

BEGIN TOW

Time: 1411
Depth: 39.3
Speed Mid-Tow: 2.6 knots
Latitude: 26 03 808
Longitude: 97 07 745
Loran:
Station/Buoys: 2/3

END TOW

Time: 1451
Depth: 36.8 ft
Total Tow Distance: ft
Latitude: 26 04.109
Longitude: 97 06.921
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

10 Butterfish
2 Butterfly Rays
1 Cownose Ray
1 jelly

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D. Hardy
Crew: Pass

Date: 18 Dec 02
Time: 1500 to 1540
Shift#: 280
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: ✓ Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 3-5
Air Temperature: 72°F
Wind Speed/Direction: S@20K
Barometric Pressure:

BEGIN TOW

Time: 1500
Depth: 46.3
Speed Mid-Tow: 2.7 knots
Latitude: 26 04.547
Longitude: 97 06.963
Loran:
Station/Buoys: 2/3

END TOW

Time: 1540
Depth: 41.1 ft
Total Tow Distance: ft
Latitude: 26 04.136
Longitude: 97 07.374
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

no by-catch

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D Hardy
Crew: PASS

Date: 18 Dec 02
Time: 1545 to 1625
Shift#: 281
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb: Flood ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 79
Wave Height: 3-5
Air Temperature: 72°F
Wind Speed/Direction: S~20K
Barometric Pressure:

BEGIN TOW

Time: 1545
Depth: 44.1
Speed Mid-Tow: 2.6 knots
Latitude: 2604.060
Longitude: 9707.157
Loran:
Station/Buoys: 2/3

END TOW

Time: 1625
Depth: 38.7 ft
Total Tow Distance: ft
Latitude: 2603.773
Longitude: 9708.145
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Black Drum
5 Butterfish

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain D Hardy
Crew: Pass

Date: 18 Dec 02
Time: 1630 to 1730
Shift#: 282
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb: Flood ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 3-5
Air Temperature: 72°F
Wind Speed/Direction: SE 20K
Barometric Pressure:

BEGIN TOW

Time: 1630
Depth: 42.0
Speed Mid-Tow: 2.6 knots
Latitude: 26 03 .796
Longitude: 97 07.814
Loran:
Station/Buoys: 2/3

END TOW

Time: 1710
Depth: 35.2 ft
Total Tow Distance: ft
Latitude: 26 04 285
Longitude: 97 08 .013
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

no by-catch

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anne Captain D Hardy
Crew: [illegible]

Date: 18 Dec 02
Time: 1717 to 1757
Shift#: 283
Dredge Location: Dump
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb: Flood ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2.5
Air Temperature: 70°F
Wind Speed/Direction: S@20K
Barometric Pressure:

BEGIN TOW

Time: 1717
Depth: 35.3
Speed Mid-Tow: 2.8 knots
Latitude: 26 04.244
Longitude: 97 07.850
Loran:
Station/Buoys: 2/3

END TOW

Time: 1757
Depth: 42.1 ft
Total Tow Distance: ft
Latitude: 26 03.881
Longitude: 97 08.057
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

no by-catch

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J Hardy
Crew:

Date: 18 Dec 02
Time: to
Shift#: 284
Dredge Location:
Total Tow Time: min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb: Flood ✓
Slack Ebb: Slack Flood
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-5
Air Temperature: 70°F
Wind Speed/Direction: SE 20K
Barometric Pressure:

BEGIN TOW

Time: 1800
Depth: 36.6
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.789
Longitude: 97 07.964
Loran:
Station/Buoys: 2/3

END TOW

Time: 1840
Depth: 39.5 ft
Total Tow Distance: ft
Latitude: 26 04.134
Longitude: 97 07.614
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Black Drum
1 Spot fish
2 Sea Trout
1 Flounder
1 Butterfly Ray

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Lane Captain J. Hardy
Crew:

Date: 18 Dec 02
Time: 1847 to 1927
Shift#: 285
Dredge Location:
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1706
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 69
Wave Height: 2-5
Air Temperature: 60°F
Wind Speed/Direction: SW 20k
Barometric Pressure:

BEGIN TOW

Time: 1847
Depth: 35.6
Speed Mid-Tow: 2.6 knots
Latitude: 26 01.104
Longitude: 9707.967
Loran:
Station/Buoys: 2/3

END TOW

Time: 1927
Depth: 43.7 ft
Total Tow Distance: ft
Latitude: 26 04.061
Longitude: 9707.157
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Mantis Shrimp
1 Butterfly Ray
2 Sea Trout
1 Spot

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Lena Captain J. Hartley
Crew: Pedro

Date: 18 Dec 07
Time: 1935 to 2110
Shift#: 2nd
Dredge Location: Dump
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 14
Wave Height: 2-5
Air Temperature: 60°F
Wind Speed/Direction: SW 20K
Barometric Pressure:

BEGIN TOW

Time: 1936
Depth: 48.8
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.887
Longitude: 97 07.185
Loran:
Station/Buoys: 2/3

END TOW

Time: 2040
Depth: 44.7 ft
Total Tow Distance: ft
Latitude: 26 03.788
Longitude: 9707.349
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

2 Rock Crabs 1 Jellyfish Kept
1 Moon Jelly 2 Butterfly Kept
1 Roughtail Kept
1 Striped Burrfish
4 Sea Hares

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Laura Captain J. Hardy
Crew: _____

Date: 18 Dec 03
Time: 2014 to 2056
Shift#: 287
Dredge Location: _____
Total Tow Time: 40 min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0725
High Tide Time: 1708
Ebb: _____
Slack Ebb: _____ Slack Flood ✓
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-3
Air Temperature: 66 °F
Wind Speed/Direction: SE 20K
Barometric Pressure: _____

BEGIN TOW

Time: 2016
Depth: 47.6
Speed Mid-Tow: 2.6 knots
Latitude: 26 03 901
Longitude: 97 07 002
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 2054
Depth: 42.1 ft
Total Tow Distance: _____ ft
Latitude: 27 07 242
Longitude: 9707 6666
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: 0

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

No by-catch

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Vessel: Miss Anna Captain J Hardy
Crew: Pass

Date: 18 Dec 02
Time: 2102 to 2142
Shift#: 288
Dredge Location: [illegible]
Total Tow Time: 40 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 2-5
Air Temperature: 62°F
Wind Speed/Direction: S@20K
Barometric Pressure:

BEGIN TOW

Time: 2102
Depth: 43.4
Speed Mid-Tow: 2.6 knots
Latitude: 2604 247
Longitude: 9707 426
Loran:
Station/Buoys: 2/3

END TOW

Time: 2142
Depth: 42.1 ft
Total Tow Distance: ft
Latitude: 2603.834
Longitude: 9708.112
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger:
Kemp:
Green:
Other:

Starboard Net: Ø

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS
no by-catch

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J. Hanley
Crew:

Date: 18 Dec 02
Time: 2146 to 2226
Shift#: 289
Dredge Location: Dump
Total Tow Time: 10 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 3-7
Air Temperature: 62°F
Wind Speed/Direction: SW 20-25K
Barometric Pressure:

BEGIN TOW

Time: 2146
Depth: 40.2
Speed Mid-Tow: 2.6 knots
Latitude: 26 03.818
Longitude: 97 07.804
Loran:
Station/Buoys: 2/3

END TOW

Time: 2226
Depth: 40.1 ft
Total Tow Distance: ft
Latitude: 26 04.172
Longitude: 97 07.682
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

1 Butterfly Ray

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J Hardy
Crew:

Date: 18 Dec 02
Time: _____ to _____
Shift#: 290
Dredge Location: _____
Total Tow Time: _____ min.

Survey: _____
Relocation ✓
Pre-Dredge: _____

SUBSTRATE
Mud: _____
Sand: ✓
Rocks: _____
Snag: _____
Other: _____

Low Tide Time: 0725
High Tide Time: 1708
Ebb: _____
Slack Ebb: _____ Slack Flood _____
Comments: _____

Water Temp. (B: °C)(M: °C)(S: °C/F) B
Wave Height: 3-7
Air Temperature: 62°F
Wind Speed/Direction: 3@20-25K
Barometric Pressure: _____

BEGIN TOW

Time: 2230
Depth: 35.6
Speed Mid-Tow: 2.6 knots
Latitude: 26 04 204
Longitude: 97 07 971
Loran: _____
Station/Buoys: 2/3

END TOW

Time: 2310
Depth: 47.8 ft
Total Tow Distance: _____ ft
Latitude: 26 03 921
Longitude: 9707.049
Loran: _____
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

Starboard Net: Ø

Logger: _____
Kemp: _____
Green: _____
Other: _____

BY CATCH/COMMENTS

1 Butterfly Ray

Updated 10-01

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SEA TURTLE TRAWLING REPORT

Channel: Brazos Santiago Pass Vessel: Miss Anna Captain J Hardy
Crew:

Date: 18 Dec 02
Time: 2315 to 2350
Shift#: 291
Dredge Location:
Total Tow Time: 35 min.

Survey:
Relocation ✓
Pre-Dredge:

SUBSTRATE
Mud:
Sand: ✓
Rocks:
Snag:
Other:

Low Tide Time: 0725
High Tide Time: 1708
Ebb:
Slack Ebb: Slack Flood ✓
Comments:

Water Temp. (B: °C)(M: °C)(S: °C/F) 19
Wave Height: 4-8
Air Temperature: 58°F
Wind Speed/Direction: S @ 20-25K
Barometric Pressure:

BEGIN TOW

Time: 2315
Depth: 48.2
Speed Mid-Tow: 2.7 knots
Latitude: 2603.817
Longitude: 9706.993
Loran:
Station/Buoys: 2/3

END TOW

Time: 2350
Depth: 49.1 ft
Total Tow Distance: ft
Latitude: 2603.793
Longitude: 9707.583
Loran:
Station/Buoys: 2/3

NUMBER OF TURTLES

Port Net: 0

Logger:
Kemp:
Green:
Other:

Starboard Net: 0

Logger:
Kemp:
Green:
Other:

BY CATCH/COMMENTS

Due to weather - Dredge and trawling operation shut down ... resume when winds calm down

No - by catch.

Updated 10-01