Dredge: PADRE ISL

Project: SABINE PASS

Date: 8 / 6 / 03

Load #	1	Start	1622	End	1649	Dump	1714
Load #	2	Start	738	End	1822	Dump	1843
Load #	3	Start	1900	End	1931	Dump	1955

Location (lat/long, stations) 29°29.900 'N / 93° 41.186 W Tide Stage -0.5 /

Weather (wind dir, beaufort, sea state, temp, etc.) SW 12-15, SW 2 1m CHOP, 10/1. CC Hazy Stratus B = 1014, 90°F Water Temp., Surface 30° C Below Mid-Depth 31° C @1645

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

Note biological samples:

	(1)	(2)	(3)
Port Draghead	Clear	Rag – Clear	CLEAR
Port Deflector	/	Clear	/
Stbd Draghead	/	lg. net	/
Stbd Deflector		Clear	
Port Inflow, Mid	CLEAR	SOME DEBRIS	CLEAR
Port Inflow, Aft	WOOD CLEAR	CLEAR	WOOD
Stbd Inflow, Mid	— GATE	KEEPS OPENING	— *WILL FIX 8/7
Stbd Inflow, Aft	CLEAR	CLEAR	NETTING, MOSTLY CLEAR
Port Overflow	Wood, misc. debris	NETTING, MOSTLY CLEAR	CLEAR
Stbd Overflow	/	CLEAR	/

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.); LEFT DOCK 1230

CALIBRATING UNTIL 14-1530, COORD. W/ TRAWLER, Pumping 30 MIN. 15 MIN/CUT — Some Debris: **Mud**, 1800-1807: Kim (B/W) ON, PROJ. CHIEF'S OFF.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	2	1609: 29°29.448 N / 93°40.666 W
"	2	1755: " 30.470 N / " 41.789 W

Observer(s) On Duty: C DERINGER / KIM PETERS

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08 / 06 / 03

Load # 4	Start 2011	End 2041	Dump 2107
Load # 5	Start 2124	End 2157	Dump 2223
Load # 6	Start 2240	End 2315	Dump 2347

Location (lat/long, stations) 29° 29.868' N / 93° 41.201' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SW 15-20 k, SWELL <1 m SW CHOP, 10% CC

Water Temp., Surface 30°C Below Mid-Depth 31 °C @1645

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

Note biological samples:	(4)	(5)	(6)
Port Draghead	some Debris	CLEAR	SOME DEBRIS
Port Deflector	Clear		CLEAR
Stbd Draghead	Clear		
Stbd Deflector	Clear		
Port Inflow, Mid	CLEAR	CLEAR	CLEAR
Port Inflow, Aft		SOME PLASTIC	GATE OPEN ≈ 6" PLASTIC
Stbd Inflow, Mid	← UNABLE	TO CLOSE	→
Stbd Inflow, Aft	CLEAR	CLEAR	PLASTIC
Port Overflow		MUD & Debris	MUD & DEBRIS
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);
MUD, some Debris – fabric & netting & wood.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER

Dredge: PADRE ISL.
Project: SABINE PASS
Date: 08/09/03

Load # 7	Start 00:08	End 00:38	Dump 01:05
Load # 8	Start 01:26	End 01:59	Dump 02:28
Load # 9	Start 02:48	End 03:24	Dump 03:48

Location (lat/long, stations) 29°30.12N/93°41.50W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) WSW 20-25K, B=1014, 83°F, 0% cc

Water Temp., Surface 30°C Below Mid-Depth 31°C @ 1645

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

Note biological samples:	(7)	(8)	(9)
Port Draghead	Clear	Clear	Clear
Port Deflector	Clear	Clear	Clear
Stbd Draghead	Some Rope	Rope	Rags + Rope
Stbd Deflector	Clear	Clear	Clear
Port Inflow, ~~Mid~~ FOR	Clear	↓	Clear
Port Inflow, Aft	Clear	↓	Plastic
Stbd Inflow, ~~Mid~~ FOR	Small catfish	↓	Trash on sides
Stbd Inflow, Aft	Clear	Material, Fabric	Fabric
Port Overflow	Clear	MUD	MUD
Stbd Overflow	Clear	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);
Material being dredged is mostly fine silt like ooze.
STB. Door still partly open - to be repaired

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER / Kim Pardyd

Dredge: Padre Island
Project: SABINE PASS
Date: 08/07/03

Load #	10	Start	04:13	End	04:48	Dump	05:11
Load #	11	Start	05:32	End	06:11	Dump	06:31
Load #	12	Start	07:02	End	07:35	Dump	07:55

Location (lat/long, stations) 29°29.91 N / 93°41.23 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) WSW 20-25 Kts, 80°F Seas 4-5'

Water Temp., Surface 30°C Below Mid-Depth 31°C

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

Note biological samples:	(10)	(11)	(12)
Port Draghead	Clean	Clean	Clean
Port Deflector	Clear		Clear
Stbd Draghead	Clear		Clear
Stbd Deflector	Clean		Clear
Port Inflow, ~~Mid~~ For	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	TAPE + Mud	Fabric + Mud	
Stbd Inflow, ~~Mid~~ For	Door Open		
Stbd Inflow, Aft	Debris	Clear	
Port Overflow	MUD	MUD	MUD
Stbd Overflow	MUD	MUD	MUD

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Material dredged was soupy mud
No by-catch to speak of.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Phillips

Dredge: Padre Istand
Project: SABINE PASS
Date: 08/07/03

Load # 13	Start 08:19	End 09:05	Dump 09:23
Load # 14	Start 09:53	End 10:29	Dump 10:49
Load # 15	Start 11:25	End 11:48	Dump 12:03

Location (lat/long, stations) 29 29.90 N / 93° 41.22 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SW 20-25 KTS, SEAS 4-5'

Water Temp., Surface 30°C Below Mid-Depth 31°C

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

Note biological samples:	(13)	(14)	(15)
Port Draghead	Rope	Rags	Trawlers. Net + Sharks (2) Dead Sand
Port Deflector	Clear	Clear	Clear (1) Hammer-Head ≈ 3-4'
Stbd Draghead	Rope	Clear	Clear
Stbd Deflector	Clear	Clear	Clear
Port Inflow, ~~Mid~~ Fore	Mud	Mud	Mud
Port Inflow, Aft	Mud	Mud	Mud
Stbd Inflow, ~~Mid~~ Fore	DOOR OPEN	→	→
Stbd Inflow, Aft	Mud	Mud	Mud
Port Overflow	Mud	Mud	Mud
Stbd Overflow	Mud	Mud	Mud

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

1200 Trawler Down for Repairs - Miss Veressa

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
	1	1200 - 29 29.91 / 93° 41.21'
Ø		1 5' Sand Shark

Observer(s) On Duty: Kim Pastapo

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/07/03

Load #	16	Start	1225	End	1300	Dump	1322
Load #	17	Start	1343	End	1420	Dump	1436
Load #	18	Start	1453	End	1535	Dump	1553

Location (lat/long, stations) 29°30.002'N/93°41.352'W Tide Stage −0.5

Weather (wind dir, beaufort, sea state, temp, etc.) SW 25K, seas 1-3m swell & chop 40% CC, 98°F Water Temp., Surface 30°C Below Mid-Depth 30°C @1455

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

Note biological samples:

	(16)	(17)	(18)
Port Draghead	Clear, some netting from trawlers	CLEAR	CLEAR
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, ~~Mid~~ Fore	DOOR OPENED UNDER PRESS.	CLEAR, some DEBRIS & MUD	CLEAR
Port Inflow, Aft	DOOR OPENED UNDER PRESS.		
(*) Stbd Inflow, ~~Mid~~ Fore	DOOR; UNABLE TO KEEP CLOSED		
Stbd Inflow, Aft	Clear, some debris	Clear	
Port Overflow	mud & debris	DEBRIS & MUD	MUD & DEBRIS
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);
MUD & Debris
(*) FIXED AFTER LOAD #17;

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08 / 07 / 03

Load #	19	Start	1609	End	1652	Dump	1707
Load #	20	Start	1726	End	1809	Dump	1828
Load #	21	Start	1850	End	1939	Dump	1956

Location (lat/long, stations) 29° 29.880'N / 93° 41.212'W Tide Stage -1.0'

Weather (wind dir, beaufort, sea state, temp, etc.) B=1014, W≈25K, 98[redacted]°F, seas W/SW 1-3m, 40% CC Water Temp., Surface 30°C Below Mid-Depth 30°C @ 1455

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

Note biological samples:	(19)	(20)	(21)
Port Draghead	CLEAR	lg. net & floats Clear	Clear
Port Deflector			
Stbd Draghead		netting & debris Clear	Some netting Clear
Stbd Deflector			
Port Inflow, ~~Mid~~ FORE	MUD & Debris	MUD & Debris	MUD & Debris
Port Inflow, Aft	Mostly Clear		
Stbd Inflow, ~~Mid~~ FORE			
Stbd Inflow, Aft			
Port Overflow	MUD & SOME	mostly CLEAR	mostly clear, Some Mud & Debris
Stbd Overflow	DEBRIS / clear		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);
MUD!

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER

Dredge: PADRE ISL.

Project: SABINE PASS

Date: 08 / 07 / 03

Load # 22 Start 2012 End 2058 Dump 2119

Load # 23 Start 2130 End 2222 Dump 2240

Load # 24 Start 2259 End 2343 Dump

Location (lat/long, stations) 29° 29.877'N 93° 41.157'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) WNW 10-15K, Seas WNW 1-3m 40% CC, Water Temp., Surface 30°C Below Mid-Depth 30°C @ 1455

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

Note biological samples:	(22)	(23)	(24)
Port Draghead	Clear	Clear	Clear
Port Deflector	Clear	Clear	Clear
Stbd Draghead	Rope	clear - cable	Clear
Stbd Deflector	Clear	Clear	Clear
Port Inflow, Mid	mud & debris	mud & debris	Clear - debris
Port Inflow, Aft		mud & debris	
Stbd Inflow, Mid		clear	
Stbd Inflow, Aft		mud & debris	
Port Overflow	Clear	mud & Debris	mud & debris
Stbd Overflow	Clear		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08 / 08 / 03

Load # 25 Start 00:23 End 01:06 Dump 01:21
Load # 26 Start 02:03 End 02:34 Dump 02:47
Load # 27 Start 03:03 End 03:52 Dump 04:07
Location (lat/long, stations) 29°30.03N 93°41.39 W-AREA 3 Tide Stage
Weather (wind dir, beaufort, sea state, temp, etc.) WNW 10-15 Kts Seas 4-5' 83°F
Water Temp., Surface 30°C Below Mid-Depth 30°C @ 1455

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

Note biological samples:

	(25)	(26)	(27)
Port Draghead	Fish Net	Clear	Net
Port Deflector	Clear	Clear	Clear
Stbd Draghead	Large Fishing Net	Clear	Rags + Rope
Stbd Deflector	Clear	Clear	Clear
Port Inflow, ~~Mid~~ For	Mud + Debris	Mud + Debris	Mud
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ For			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER / Jim Patrick

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/08/03

Load #	28	Start	04:24	End	05:16	Dump	05:41
Load #	29	Start	05:50	End	06:40	Dump	07:06
Load #	30	Start	07:14	End	08:00	Dump	

Location (lat/long, stations) 29°29.85 N 93°41.16 W-AREA 3 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NW 10-15 G45 Seas 3-4' 83°F

Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	(28)	(29)	(30)
Port Draghead	Clear	Net	Net
Port Deflector		Clear	Clear
Stbd Draghead		Rope	Rope
Stbd Deflector		Clear	Clear
Port Inflow, Mid	Mud	Mud + Debris	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Patton

Dredge: Padre Island
Project: SABINE PASS
Date: 08/08/03

Load #	31	Start	0852	End	0920	Dump	0935
Load #	32	Start	0953	End	1040	Dump	1058
Load #	33	Start	1115	End	1202	Dump	1222

Location (lat/long, stations) 29°29.59N 93°41.18W - ATWB Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NW 8-10 Kts Seas 1-3' 86°F

Water Temp., Surface 31°C Below Mid-Depth 30°C

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

Note biological samples:	(31)	(32)	(33)
Port Draghead	Rope + Net	Rope	Rope
Port Deflector	Clean	Clean	Clean
Stbd Draghead	Rope	Rope	Rope
Stbd Deflector	Clean	Clean	Clean
Port Inflow, Mid	Mud + Debris	Mud + Debris	opened under load
Port Inflow, Aft			debris & mud
Stbd Inflow, Mid			opened under load
Stbd Inflow, Aft			opened /
Port Overflow			mud & debris
Stbd Overflow			/

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Mud & Debris

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Patano

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/08/03

Load #	34	Start	1241	End	1328	Dump	1346
Load #	35	Start	1407	End	1455	Dump	1512
Load #	36	Start	1533	End	1623	Dump	1639

Location (lat/long, stations) 29°29.974'N/93°41.331'W Tide Stage 2.0' → 0'

Weather (wind dir, beaufort, sea state, temp, etc.) SW 5 to 8 k, SW <1 m seas, 100% cc HAZY, B=1015, 92°F Water Temp., Surface 31 °C Below Mid-Depth 30 °C @1322

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

Note biological samples:	(34)	(35)	(36)
Port Draghead	Debris - netting	clear	clear
Port Deflector	clear	clear	clear
Stbd Draghead	Debris - netting	Netting	Plastic - mostly clear
Stbd Deflector	clear	clear	clear
Port Inflow, Mid	opened under load	clear - debris on front gate	LOTS OF
Port Inflow, Aft	✓	opened under load	mud & (*)
Stbd Inflow, Mid	clear	clear	DEBRIS
Stbd Inflow, Aft	clear	clear	(*)
Port Overflow	mud & debris	mud & debris	CLEAR
Stbd Overflow	↑	↑	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);
mud, plastics, rope, netting,
(*) HOSED OFF GATES TO CLEAR SOME DEBRIS

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER

Dredge: PHORE ISL

Project: SABINE PASS

Date: 8 / 8 / 03

Load # 37 Start 1658 End 1743 Dump 1800

Load # 38 Start 1807 End 1907 Dump 1924

Load # 39 Start 1940 End 2024 Dump 2042

Location (lat/long, stations) 29° 29.978' N / 93° 41.323' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Lt. & var., 100°F, B=1015, 90% CC Hazy, Swell SW'ly <1/m calm seas. Water Temp., Surface 31°C Below Mid-Depth 30°C @ 1322

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

Note biological samples:	(37)	(38)	(39)
Port Draghead	CLEAR	CABLE & FABRIC	CLEAR
Port Deflector		CLEAR	
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	MUD & DEBRIS	MUD & DEBRIS	MUD & DEBRIS
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow	Some mud & debris	MOSTLY CLEAR (WHT HARDHAT)	CLEAR
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

1839, ~~KEMP'S RIDLEY~~ drifting easterly - 29° 30.677' N / 93° 42.169' W - Spotted by mate - high out of water, no movement. Picked up @ 1900 by Trawler as they came back to dredge site.
1944 = Trawler reported Kemp's picked up had been dead for awhile.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER

Dredge: PADRE ISL

Project: SABINE PASS

Date: 08 / 08 / 03

Load # 40	Start 2103	End 2149	Dump 2208
Load # 41	Start 2250	End 2310	Dump 2328
Load # 42	Start 2345	End 0036	Dump 0051

Location (lat/long, stations) 29° 29.895 N / 93° 41.275 W Tide Stage 0'

Weather (wind dir, beaufort, sea state, temp, etc.) LE & var. winds, calm seas, B=1015

Water Temp., Surface 31° C Below Mid-Depth 30 °C @ 1322

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

Note biological samples:	(40)	(41)	(42)
Port Draghead	CLEAR	CLEAR	Rope
Port Deflector			Clear
Stbd Draghead			Small net
Stbd Deflector			Clear
Port Inflow, Mid	CLEAR	Clear	Net + Mud
Port Inflow, Aft (*)	DEBRIS ON GRATES	(*)	Mud + Debris
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow	mud & DEBRIS	mud & debris	
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

MUD & DEBRIS

(*) PORT AFT GATE OPENED UNDER LOAD

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER / Kim Fontenot

Dredge: PADRE ISL

Project: SABINE PASS

Date: 08 / 09 / 03

Load # 43 Start 0108 End 0150 Dump 0208

Load # 44 Start 0224 End 0240 Dump 0327

Load # 45 Start 0346 End 0436 Dump 0453

Location (lat/long, stations) 29°29.84 N 93°41.16 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 5-8 Kts Seas calm Partly Cloudy 86°F

Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	(43)	(44)	(45)
Port Draghead	Rope	Rope	Clear
Port Deflector	Clear	Clear	↓
Stbd Draghead	Net	Net	↓
Stbd Deflector	Clear	Clear	↓
Port Inflow, ~~Mid~~ FOR	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, ~~Mid~~ FOR	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Parker

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/09/03

Load #	46	Start	0500	End	0559	Dump	0611
Load #	47	Start	0628	End	0715	Dump	0732
Load #	48	Start	0744	End	0830	Dump	0853

Location (lat/long, stations) 29° 29.89 N 93° 41.23 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Winds 5-8 kts SW Seas calm 90°F

Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	(46)	(47)	(48)
Port Draghead	Clear	Clear	Clear
Port Deflector			Clear
Stbd Draghead			Clear
Stbd Deflector			Clear
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Robins

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08 / 09 / 03

Load #	49	Start	0908	End	0952	Dump	1013
Load #	50	Start	1023	End	1108	Dump	1128
Load #	51	Start	1200	End	1252	Dump	1309

Location (lat/long, stations) 29°30.26 N 93°41.48W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) winds 5 kts SW seas calm 90°F

Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	(49)	(50)	(51)
Port Draghead	Net + Rope	Clear	Clear
Port Deflector	Clear	↓	clear
Stbd Draghead	Clear	↓	Clear
Stbd Deflector	Clear	↓	Clear
Port Inflow, Mid	Mud + Debris	Mud + Debris	mud, clay
Port Inflow, Aft	↓	↓	? Debris
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

@ Start of LOAD #51 — Screens clogged bad — Port aft gate opened under pressure.
Hosed off gates —

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: [illegible] / C. DERINGER

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08 / 09 / 03

Load #	52	Start	1329	End	[redacted] 1411	Dump	1427
Load #	53	Start	1445	End	1530	Dump	1545
Load #	54	Start	1604	End	1650	Dump	1710

Location (lat/long, stations) 29°29.970'N / 93°41.114'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SW 3-5K, seas calm, 40% cc
B=1016, 90°F, Humid 1439 Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	(52)	(53)	(54)
Port Draghead	Rope - mostly clear	clay & mud	clear
Port Deflector	clear	mostly clear	clear
Stbd Draghead	small amt. of netting		lg. coils of Rope
Stbd Deflector	clear		clear
Port Inflow, ~~Mid~~ fore	Packed w/clay	mud, clay, debris	mud, clay, debris
Port Inflow, Aft	opened — packed w/clay under load	opened under load	packed w/clay
Stbd Inflow, Mid	clay &	mud, clay &	debris & some clay
Stbd Inflow, Aft	debris	debris	
Port Overflow			mud & debris
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);
52: unable to check contents of port (fore) ~~box~~ — packed with clay.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINEER

Dredge: PADRE ISL.

Project: SABINE PASS

Date: 08 / 09 / 03

Load #	55	Start	1721	End	1805	Dump	1819
Load #	56	Start	1834	End	1919	Dump	1940
Load #	57	Start	1950	End	2035	Dump	2051

Location (lat/long, stations) 29° 30.564'N / 93° 42.999'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SW 3-5k, seas calm, 80% cc, hazy, 95°F, B=1016 Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:

	(55)	(56)	(57)
Port Draghead	Netting, rope, debris	Rope, netting - Debris	CLEAR
Port Deflector	Clear	Clear	
Stbd Draghead	Clear	Clear	
Stbd Deflector	Clear	Clear	
Port Inflow, Mid	clogged w/clay & debris	Clay & Debris	clear
Port Inflow, Aft	opened under load		opened during load
Stbd Inflow, Mid	~~DEBRIS~~		clear - some debris
Stbd Inflow, Aft			clear
Port Overflow	mud & debris	debris	debris
Stbd Overflow		clear	Clear

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

1721: Stbd draghead in need of repairs; down for a short time only.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	3	1832: 29° 30.592'N / 93° 42.232'W bowriding

Observer(s) On Duty: C. DERINGER

Dredge: PADRE ISL.

Project: SABINE PASS

Date: 8 / 9 / 03 to 8/10/03

Load #	58	Start	2110	End	2155	Dump	2210
Load #	59	Start	2226	End	2313	Dump	2327
Load #	60	Start	2344	End	0010	Dump	0025

Location (lat/long, stations) 29°30.621'N 93°42.095'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1016, 80%.cc, Var. 3-5k, Calm Seas, 87°F Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	58	59	60
Port Draghead	Netting & rope	debris	Large net
Port Deflector	Clear	Clear	Clear
Stbd Draghead	Clear	Clear	Clear
Stbd Deflector	Clear	Clear	Clear
Port Inflow, Mid	Clear	Clear	Mud + Debris
Port Inflow, Aft		(*) debris - warped grate	
Stbd Inflow, Mid		Clear	
Stbd Inflow, Aft		Clear	
Port Overflow		debris & mud	
Stbd Overflow		Clear	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

(*) opened under load.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER / K. PETERS

Dredge: PADRE ISL.
Project: SABINE PASS
Date: 08 / 10 / 03

Load # 61 Start 00:46 End 01:01 Dump 01:14
Load # 62 Start 0129 End 0153 Dump 0214
Load # 63 Start 0222 End 0244 Dump 0305

Location (lat/long, stations) 29° 29.85 N 93° 41.37 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) light variable winds seas calm 84°F

Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	(61)	(62)	(63)
Port Draghead	Not	Clear	Clear
Port Deflector	Clear	↓	↓
Stbd Draghead	Clear	↓	↓
Stbd Deflector	Clear	↓	↓
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft *	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

* open slightly due to load push

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kimberly [illegible]

Dredge: PADRE ISL.

Project: SABINE PASS

Date: 08/10/03

Load # 64	Start 0319	End 0335	Dump 0350	
Load # 65	Start 0430	End 0430	Dump 0451	
Load # 66	Start 0457	End 0523	Dump 0535	

Location (lat/long, stations) 29°30.58 N 93°42.16 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) WINDS light & variable Seas calm 84°F

Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	(64)	(65)	(66)
Port Draghead	Clear	Clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Patrick

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08 / 10 / 03

Load #	67	Start	0547	End	0608	Dump	0635
Load #	68	Start	0638	End	0658	Dump	0711
Load #	69	Start	0726	End	0750	Dump	0804

Location (lat/long, stations) 29°29.78 N 93°41.19 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Light variable winds calm seas 85°F

Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	(67)	(68)	(69)
Port Draghead	Clean	Net + Rags	Clean
Port Deflector	↓	Clean	"
Stbd Draghead	↓	↓	Rags + Net
Stbd Deflector	↓	↓	Clean
Port Inflow, Mid	Mud + TRASH	Mud + TRASH	Mud + Trash
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Tursiops Truncatus	6	0810 - 29°28.99 N 93°43.31 W - Dump Site
		Feeding on surface, large school of fish.

Observer(s) On Duty: Kim Patrick

Dredge: PADRE ISLAND

Project: SABINE PASS

Date: 08/10/03

Load # 70	Start 0818	End 0838	Dump 0853	
Load # 71	Start 0906	End 0936	Dump 0944	
Load # 72	Start 0954	End 1013	Dump 1025	

Location (lat/long, stations) 29°30.18 N 93°41.51 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 5-8 kts Sun rain 86°F

Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	70	71	72
Port Draghead	Clear	Clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kimberly Peters

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08 / 10 / 03

Load # 73	Start 1038	End 1101	Dump 1115
Load # 74	Start 1135	End 1157	Dump 1207
Load # 75	Start 1224	End 1242	Dump 1257

Location (lat/long, stations) 29°30.66N 93°42.05W Tide Stage 2.4

Weather (wind dir, beaufort, sea state, temp, etc.) SE WINDS @ 5-8 kts SEAS 12' 90°F

Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:

	(73)	(74)	(75)
Port Draghead	Clear	clear	clear
Port Deflector		clear	clear
Stbd Draghead		1 bucket	netting, plastic
Stbd Deflector		clear	clear
Port Inflow, Mid	Mud & TRASH	mud & Debris	clear
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

SOME DEBRIS

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kimberly Peters & C. DERINGER

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/10/03

Load #	76	Start	1313	End	1331	Dump	1346
Load #	77	Start	1403	End	1419	Dump	1433
Load #	78	Start	1448	End	1502	Dump	

Location (lat/long, stations) 29°30.531'N / 93°41.938'W Tide Stage 2.5

Weather (wind dir, beaufort, sea state, temp, etc.) NE5-8k, B=1017, 93°F, NE Swell <1m,

Water Temp., Surface 32°C Below Mid-Depth 31°C @ 1321

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

Note biological samples:

	(76)	(77)	(78)
Port Draghead	CLEAR	CLEAR	CLEAR
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Debris & mud	mud & some debris	some mud & debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow	Some Debris		
Stbd Overflow	Clear		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/10/03

Load #	79	Start	1533	End	1552	Dump	1605
Load #	80	Start	1622	End	1702	Dump	1716
Load #	81	Start	1734	End	1820	Dump	1836

Location (lat/long, stations) 29° 29.960' N/93° 41.223' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 5-8k, NE chlm swell, 93°F, B=1017, 10/cc Water Temp., Surface 32°C Below Mid-Depth 31°C @ 1321

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

Note biological samples:

	79	80	81
Port Draghead	CLEAR	CLEAR	Netting
Port Deflector			Clear
Stbd Draghead			Clear
Stbd Deflector			Clear
Port Inflow, ~~Mid~~ For	✓	✓	
Port Inflow, Aft			(*) Clear
Stbd Inflow, ~~Mid~~ For	✓	✓	
Stbd Inflow, Aft	✓	✓	
Port Overflow	✓	✓	
Stbd Overflow	✓	✓	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

(*) opened under load.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL

Project: SABINE PASS

Date: 08/10/03

Load #	82	Start	1852	End	1930	Dump	1945
Load #	83	Start	2000	End	2046	Dump	2101
Load #	84	Start	2114	End	2201	Dump	2216

Location (lat/long, stations) 29° 30.318'N 93° 41.676'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 5-8k, B=1017, 95°F, NE swell <1m 30% CC, NICE Water Temp., Surface 32 °C Below Mid-Depth 31°C @1321

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

Note biological samples:	(82)	(83)	(84)
Port Draghead	Plastic & cable	Debris	Rope & netting
Port Deflector	clear	Clear	clear
Stbd Draghead	Rope & netting		clear
Stbd Deflector	clear		clear
Port Inflow, Mid	CLEAR	Clear	
Port Inflow, Aft			Debris
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/10/03

Load # 85 Start 2231 End 2317 Dump 2332
Load # 86 Start 2349 End 0029 Dump 0045
Load # 87 Start 0058 End 0146 Dump 0200
Location (lat/long, stations) 29° 30.413'N/93° 41.819'W Tide Stage
Weather (wind dir, beaufort, sea state, temp, etc.) NE 5-8k, B=1017, calm seas, 20%cc, 93°F Water Temp., Surface 32°C Below Mid-Depth 31°C @1322

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

Note biological samples:	85	86	87
Port Draghead	CLEAR	Clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, ~~Mid~~ For	Clear	Mud + Debris	Mud + Debris
Port Inflow, Aft	mud		
Stbd Inflow, ~~Mid~~ For			
Stbd Inflow, Aft	debris		
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Wildlife Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERRIBERRY, K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08 / 10 / 03

Load # 88	Start 0215	End 0258	Dump 0313
Load # 89	Start 0323	End 0404	Dump 0421
Load # 90	Start 0438	End 0525	Dump 0543

Location (lat/long, stations) 29° 30.59N 93° 42.00W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Northwinds 5-8kts Seas calm 82°F

Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	88	89	90
Port Draghead	Some Rope + Net	Clean	Clean
Port Deflector	Clean	Clean	↓
Stbd Draghead	Net	Shrimp Net	↓
Stbd Deflector	Clean	Clean	↓
Port Inflow, ~~Mid~~ For	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, ~~Mid~~ For	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/10/03

Load # 91 Start 0558 End 0647 Dump 0701
Load # 92 Start 0717 End 0803 Dump 0819
Load # 93 Start 0833 End 0918 Dump 0935

Location (lat/long, stations) 29°30.09 N 93°41.40 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE wind 5-8 kts Seas calm 88°F

Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:

	91	92	93
Port Draghead	Rags + net parts	Clear	Clear
Port Deflector	Clear	↓	↓
Stbd Draghead	Rags + Net parts	↓	↓
Stbd Deflector	Clear	↓	↓
Port Inflow, ~~Mid~~ FOR	Mud + Trash	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, ~~Mid~~ FOR	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER / K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 0 / / 03

Load #	94	Start	0949	End	1035	Dump	10:51
Load #	95	Start	1105	End	1149	Dump	1200
Load #	96	Start	1216	End	1259	Dump	

Location (lat/long, stations) 29°30.67 N 93°42.06 W Tide Stage 2.0'

Weather (wind dir, beaufort, sea state, temp, etc.) NE winds 5-8 1-2 swells 89°F

Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:	(94)	(95)	(96)
Port Draghead	Clear	Clear	debris
Port Deflector			clear
Stbd Draghead			lg. Rope
Stbd Deflector			clear
Port Inflow, ~~Mid~~ For	Mud + Debris	Opened under load (*)	opened under load
Port Inflow, Aft		opened load	clay
Stbd Inflow, ~~Mid~~ For			& debris
Stbd Inflow, Aft		packed w/ clay & debris	
Port Overflow			clear
Stbd Overflow			clear

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

(*) packed w/ clay

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08 / 11 / 03

Load # 97	Start 1329	End 1417	Dump 1431	
Load # 98	Start 1455	End 1528	Dump 1545	
Load # 99	Start 1600	End 1633	Dump 1648	

Location (lat/long, stations) 29° 30. 537 'N / 93° 41. 962 · W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 25-30k, seas NE 3m, B=1018, 80°F, 100% CC, some rain Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:

	(97)	(98)	(99)
Port Draghead	Nothing	CLEAR	Clean
Port Deflector	Clear		Clean
Stbd Draghead	line & fabric		Debris
Stbd Deflector	Clear		Clean
Port Inflow, ~~Mid~~ For	debris & clay	mud	mud
Port Inflow, Aft		& debris	
Stbd Inflow, ~~Mid~~ For			&
Stbd Inflow, Aft			Debris
Port Overflow	mud & debris & clay		
Stbd Overflow	mostly clear		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08 / 11 / 03

Load #	100	Start	1703	End	1735	Dump	1751
Load #	101	Start	1806	End	1845	Dump	1858
Load #	102	Start	1913	End	1952	Dump	2005

Location (lat/long, stations) 29°28.750'N 93° 40.071'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 20-23K, NE <3m, 100% CC, B=1018 Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:	100	101	102
Port Draghead	clear	clear	CLEAR
Port Deflector		clear	
Stbd Draghead		debris	debris
Stbd Deflector		clear	clear
Port Inflow, ~~Mid~~ For	packed with opened unmarked load	PACKED w/ mud & debris	clear
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ For	clay, mud & debris		
Stbd Inflow, Aft			
Port Overflow	mud & debris		mud & Debris
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/11/03

Load # 103 Start 2020 End 2057 Dump 2109
Load # 104 Start 2124 End 2201 Dump 2213
Load # 105 Start 2227 End 2308 Dump 2319

Location (lat/long, stations) 29° 28.720 'N 93° 40.074' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 12-18K, NE 1-3m swell, 100% cc 80°C, B=1018 Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:	103	104	105
Port Draghead	CLEAR	CLEAR	Clear
Port Deflector			Clear
Stbd Draghead			ROPE
Stbd Deflector			Clear
Port Inflow, ~~Mid~~ For	MUD/DEBRIS	mud & Debris	clear
Port Inflow, Aft			Clear
Stbd Inflow, ~~Mid~~ For			Packed w/ Clay & mud
Stbd Inflow, Aft			Clear
Port Overflow		mud & Debris	mud & Debris
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/11/12 03

Load #	106	Start	2335	End	0016	Dump	0034
Load #	107	Start	0045	End	0129	Dump	0144
Load #	108	Start	0156	End	0238	Dump	0255

Location (lat/long, stations) 29° 28.749 N/93° 40.030 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 5-10K, NE 1m, B=1018, 82°F 50% CC - Full Moon Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:

	106	107	108
Port Draghead	Clear	Clear	Rope
Port Deflector			Clear
Stbd Draghead			Rope
Stbd Deflector			Clear
Port Inflow, ~~Mid~~ For	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ For			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/12/03

Load # 109	Start 0308	End 0355	Dump 0409
Load # 110	Start 0422	End 0503	Dump 0522
Load # 111	Start 0534	End 0605	Dump 0627

Location (lat/long, stations) 29°29.49 N 93°40.74 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 8-10 KTS SEAS 2-3' 74° F Partly Cloudy w/ Full Moon Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:	109	110	111
Port Draghead	Ropes	Trash	Ropes & Net
Port Deflector	Clear	Clear	Clear
Stbd Draghead	Ropes	Trash	Ropes & Net
Stbd Deflector	Clear	Clear	Clear
Port Inflow, ~~Mid~~ For	Mud & Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, ~~Mid~~ For			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/12/03

Load # 112	Start 0639	End 0726	Dump 0735
Load # 113	Start 0747	End 0830	Dump 0844
Load # 114	Start 0857	End 0934	Dump 0949

Location (lat/long, stations) 29°28.96 N 93°40.17 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE winds 8-10 kts seas 1-3' 84°F Partly cloudy/RAIN Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:	112	113	114
Port Draghead	Trash	Clean	Clean
Port Deflector	Clean	Clean	↓
Stbd Draghead	Trash	TRASH	↓
Stbd Deflector	Clean	Clean	↓
* Port Inflow, ~~Mid~~ For	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
* Stbd Inflow, ~~Mid~~ For	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

* Port forward + Port Aft Box Doors are partially open during loading. Forward box door open by 12", Aft door open by 6-8". Boxes are flushed prior to inspection due to load covering boxes before dump, and due to viscous mud in boxes.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/12/03

Load #	115	Start	1001	End	1059	Dump	1104
Load #	116	Start	1116	End	1221	Dump	1234
Load #	117	Start	1254	End	1337	Dump	1352

Location (lat/long, stations) 29°29.43N 93°40.50W Tide Stage 2.2'

Weather (wind dir, beaufort, sea state, temp, etc.) NO winds 8-10 Kts Seas 1-3' 88°F Partly cloudy / Rain Water Temp., Surface _____ Below Mid-Depth _____

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

Note biological samples:	(115)	(116)	(117)
Port Draghead	Trash	Clear	Clear
Port Deflector	Clear	Clear	Nothing
Stbd Draghead	Trash	Debris	Clear
Stbd Deflector	Clear	clear	clear
Port Inflow, ~~Mid~~ For	Mud + Debris	(*) OPEN under load	(*) opened under load
Port Inflow, Aft	↓		
Stbd Inflow, ~~Mid~~ For		clear } some mud & debris	Clear
Stbd Inflow, Aft		clear }	Clear
Port Overflow			mud & debris
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);
(*) aft doors open 6-8" / fore doors, >2' gap

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/12/03

Load #	118	Start	1409	End	1456	Dump	1510
Load #	119	Start	1527	End	1616	Dump	1630
Load #	120	Start	1647	End	1729	Dump	1742

Location (lat/long, stations) 29° 28.711 'N / 93° 39.955 'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 8-12k, NE <1m, B=1015, 85°F, 70% CC, Water Temp., Surface 30°C Below Mid ~~Depth~~ 30°C @1414

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

Note biological samples:

	(118)	(119)	(120)
Port Draghead	CLEAR	CLEAR	NETTING, PIPE, CHAIN, PLASTICS
Port Deflector			
Stbd Draghead			CLEAR
Stbd Deflector			
Port Inflow, ~~Mid~~ For	Open 6-8"	Clear	Clear
Port Inflow, Aft	clear		
Stbd Inflow, ~~Mid~~ For	Open 6-8"		
Stbd Inflow, Aft	clear		
Port Overflow	mud & debris	misc. fish sp.	mud & debris
Stbd Overflow		catfish & misc. fish sp.	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. thunicatus	2	1730 - 29° 28.650 'N 93° 39.949 'W

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/12/03

Load # 121 Start 1758 End 1843 Dump 1859
Load # 122 Start 1914 End 1956 Dump 2011
Load # 123 Start 2054 End 2112 Dump 2125

Location (lat/long, stations) 29° 29.134'N / 93° 40.156'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Lt. & var, calm seas, B=1015, 90°F 40%.cc Water Temp., Surface 30 °C Below Mid-Depth 30 °C @1414

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

Note biological samples:	121	122	123
Port Draghead	NETTING!	CLEAR	CLEAR
Port Deflector	Clear		
Stbd Draghead	NETTING!		
Stbd Deflector	Clear		
Port Inflow, ~~Mid~~ For	mostly Clear. / Debris	mostly clear / debris & mud	MUD & Debris
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ For		opened under load	
Stbd Inflow, Aft		debris & mud	
Port Overflow	Rope & debris		
Stbd Overflow	Debris & mud		

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/12/03

Load #	124	Start	2140	End	2222	Dump	2235
Load #	125	Start	2251	End	2330	Dump	2349
Load #	126	Start	0008	End	0106	Dump	0120

Location (lat/long, stations) 29° 28 722'N / 93° 39.942'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 20-25 K, NE 1m, B=1015,

Water Temp., Surface 30°C Below Mid-Depth 30°C

Are there incidents involving endangered or protected species? **YES** **NO** @1414

Note biological samples:	124	125	126
Port Draghead	Sm Net	CLEAR	Large Net
Port Deflector	clear		Clean
Stbd Draghead	Lg Net		Large Net
Stbd Deflector	clear		Clean
Port Inflow, ~~Mid~~ For	mud	OPENED 6-8" under load	Mud + Debris
Port Inflow, Aft	&		
Stbd Inflow, ~~Mid~~ For	DEBRIS	CLEAR	
Stbd Inflow, Aft			
Port Overflow	mud & debris	mud & Debris	
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/13/03

Load #	127	Start	0137	End	0231	Dump	0241
Load #	128	Start	0254	End	0347	Dump	0411
Load #	129	Start	0424	End	0515	Dump	0532

Location (lat/long, stations) 29°28.96 N 93°39.9 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 10-12 kts Seas 1-3' PC 80°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	127	128	129
Port Draghead	Clean	Not Clean	Clean
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, For ~~Mid~~	Mud + Debris	Mud + Debris	MUD + Debris
Port Inflow, Aft			
Stbd Inflow, For ~~Mid~~			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/13/03

Load #	130	Start	0545	End	0629	Dump	0650
Load #	131	Start	0702	End	~~0870~~ 0745	Dump	0800
Load #	132	Start	0815	End	0915	Dump	0928

Location (lat/long, stations) 29°28.97N 93°39.97W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 8-10 Kts Seas 1-2' P/C 80°F

Water Temp., Surface 31°C Below Mid-Depth 30°C

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

Note biological samples:	130	131	132
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, ~~Mid~~ For	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, ~~Mid~~ For	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Crew repairs Stb Drag arm for leak; Using port only Drag arm at 0800 - Back on the line @ 0819
Both arms up at 0823 - Back in ops 0849

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/13/03

Load #	133	Start	0954	End	1038	Dump	1054
Load #	134	Start	1107	End	1154	Dump	1206
Load #	135	Start	1234	End	1335	Dump	1355

Location (lat/long, stations) 29°29.45 N 93°40.54 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 5-8 kts Seas 1-2' P/S 85°F, 90% CC

Water Temp., Surface 32°C Below Mid-Depth 30°C

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

Note biological samples:	133	134	135
Port Draghead	Clean	Clean	CLEAR
Port Deflector			
Stbd Draghead		TRASH	
Stbd Deflector			
Port Inflow, ~~Mid~~ For	Much TRASH	opened under load	opened under load (*) 8-12"
Port Inflow, Aft		opened	
Stbd Inflow, ~~Mid~~ For		mud & Debris	mud & Debris
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

(*) one catfish caught in debris on grate

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/13/03

Load #	136	Start	1406	End	1501	Dump	1517
Load #	137	Start	1540	End	1624	Dump	1644
Load #	138	Start	1704	End	1750	Dump	1807

Location (lat/long, stations) 29°30.207'N / 93°41.604'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 8-12k, NE <1m, B=1018, 85°F, 80% CC Water Temp., Surface 32°C Below Mid-Depth 30°C

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

Note biological samples:

	(136)	(137)	(138)
Port Draghead	Some debris	debris	debris
Port Deflector	Clear	Clear	Clear
Stbd Draghead	Clear	Netting-lg. amt.	debri
Stbd Deflector	Clear	Clear	Clear
Port Inflow, ~~Mid~~ For	Opened under load 8-12"	MUD & Debris	Opened under load
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ For	CLEAR		MUD & Debris
Stbd Inflow, Aft			
Port Overflow	MUD & Debris		
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/13/03

Load #	139	Start	1821	End	1903	Dump	1918
Load #	140	Start	1937	End	2018	Dump	2032
Load #	141	Start	2048	End	2129	Dump	2143

Location (lat/long, stations) 29°28.780'N/93°39.949'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B=1018, NE 8-12k, NE 1m, 70% cc, 85°F

Water Temp., Surface 32°C Below Mid-Depth 30°C

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

Note biological samples:	(139)	(140)	(141)
Port Draghead	Lg. Rope		
Port Deflector	CLEAR	CLEAR	CLEAR
Stbd Draghead			
Stbd Deflector			
Port Inflow, ~~Mid~~ For	opened under load	opened under load	CLEAR
Port Inflow, Aft	opened under load		
Stbd Inflow, ~~Mid~~ For		clear	
Stbd Inflow, Aft	mud & debris		
Port Overflow		mud & debris	mud & Debris
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08 / 13 / 03

Load #	142	Start	2159	End	2240	Dump	2255
Load #	143	Start	2320	End	0009	Dump	0028
Load #	144	Start	0041	End	0126	Dump	0145

Location (lat/long, stations) 29° 28.066'N / 93° 39.9932'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 20-22K, seas NE 1-3m, 80% cc, B=1018, 85°F Water Temp., Surface 32° C Below Mid-Depth 30°C

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

Note biological samples:	(142)	(143)	(144)
Port Draghead	nothing/debris	Clear	Clear
Port Deflector	Clear		
Stbd Draghead			
Stbd Deflector			
Port Inflow, ~~Mid~~ For	Clear	Mud + Debris	Mud + Trash
Port Inflow, Aft	opened under load		
Stbd Inflow, ~~Mid~~ For	Clear		
Stbd Inflow, Aft	Clear		
Port Overflow	mud & debris		
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/14/03

Load #	145	Start	0157	End	0247	Dump	0305
Load #	146	Start	0323	End	0411	Dump	0430
Load #	147	Start	0452	End	0536	Dump	0558

Location (lat/long, stations) 29°29.33 N 93°40.41 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 15-20 kts Seas 3-5 P/C 80°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

Are there incidents involving endangered or protected species? YES NO

Note biological samples:	145	146	147
Port Draghead	Clean	Clean	Clean
Port Deflector	↓	↓	↓
Stbd Draghead			
Stbd Deflector			
* Port Inflow, ~~Mid~~ For	Mud + Debris	Mud + Debris	Mud + Debris
* Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ For			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

* Both Port side bins have doors still partially open during loading.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/14/03

Load # 148 Start 0612 End 0633 Dump 0645
Load # 149 Start 0702 End 0750 Dump 0810
Load # 150 Start 0823 End 0907 Dump 0922

Location (lat/long, stations) 29°28.91N 93°39.96W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 12-15 kts Seas 3-4' P/C 82°F

Water Temp., Surface 31°C Below Mid-~~Depth~~ 31°C

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

Note biological samples:	(148)	(149)	(150)
Port Draghead	Clear	Clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, ~~Mid~~ FOR	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ FOR			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);
Short load on #148 due to crew change

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/14/03

Load #	151	Start	0937	End	1025	Dump	1034
Load #	152	Start	1051	End	1111	Dump	1135
Load #	153	Start	1149	End	1207	Dump	1225

Location (lat/long, stations) 29°28.74 93°39.94 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 20-25 ~~HS~~ SEAS 3-5 P/S 86°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	(151)	(152)	(153)
Port Draghead	Clear	Clear	clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, ~~Mid~~ For	Mud + Trash	Mud + Trash	{open > 1' opened under load
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ For			clear
Stbd Inflow, Aft			
Port Overflow			mud & debris
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/14/03

Load #	154	Start	1243	End	1306	Dump	1326
Load #	155	Start	1347	End	1407	Dump	1428
Load #	156	Start	1448	End	1525	Dump	1540

Location (lat/long, stations) 29° 24.866'N 93°41.233'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) ESE 25-30k, B=1025, 90°F, seas ESE 2-3m, 50% cc Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	(154)	(155)	(156)
Port Draghead	CLEAR	CLEAR	CLEAR
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, ~~Mid~~ FOR	Opened 2 6-8" →	same →	same opened 1"
Port Inflow, Aft	mostly clear — mud & debris	clear	clear
Stbd Inflow, ~~Mid~~ FOR			
Stbd Inflow, Aft			
Port Overflow		mud & debris	some mud & debris
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	5	1244 — @ above loc.

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/14/03

Load #	157	Start	1601	End	1639	Dump	1655
Load #	158	Start	1718	End	1754	Dump	1809
Load #	159	Start	1829	End	1909	Dump	1924

Location (lat/long, stations) 29°29.889'N/93°41.212'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) ESE 15-20k, seas 1-3m, 40% CC B=1022, 90°F Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	157	158	159
Port Draghead	Netting	CLEAR	CLEAR
Port Deflector	Clear		
Stbd Draghead			
Stbd Deflector			
Port Inflow, ~~Mid~~ For	opened ≈1' gap	opened ≈ 1' gap	opened under load ≈ 8"
Port Inflow, Aft	Clear	clear	
Stbd Inflow, ~~Mid~~ For			clear
Stbd Inflow, Aft		mud & debris	
Port Overflow			mud & debris
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/14/03

Load #	160	Start	1941	End	2019	Dump	2036
Load #	161	Start	2054	End	2135	Dump	2150
Load #	162	Start	2207	End	2247	Dump	2303

Location (lat/long, stations) 29°29.284'N 93°40.534'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) E 8-10k, E <1m swell, B=1024, 95°F, 30% CC Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	(160)	(161)	(162)
Port Draghead	Clays & debris	Some debris	Clear
Port Deflector	Clear	Clear	
Stbd Draghead		some debris	netting, cable
Stbd Deflector		Clear	Clear
Port Inflow, ~~Mid~~ For	Opened ≈ 6"	Clear	opened ≈ 6-8"
Port Inflow, Aft			opened
Stbd Inflow, ~~Mid~~ For	Clear		Clear
Stbd Inflow, Aft			
Port Overflow	mud & debris	mud & debris	mud & debris
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/14/03

Load #	163	Start	2317	End	2356 (15)	Dump	0010
Load #	164	Start	0030	End	0107	Dump	0127
Load #	165	Start	0147	End	0207	Dump	0237

Location (lat/long, stations) 29°29.375'N/93°40.616'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) ESE 10K, ESE <1m, 30% cc
B=1025 Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	163	164	165
Port Draghead	CLEAR	Clear	Clear
Port Deflector			
Stbd Draghead	Debris	debris + Nets	
Stbd Deflector	clear	clear	
Port Inflow, ~~Mid~~ For	Mud + Debris	Mud + Debris	Mud, Debris, Trash
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ For			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS (11)

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08 / 15 / 03

Load # 166 Start 0250 End 0325 Dump 0341
Load # 167 Start 0359 End 0434 Dump 0447
Load # 168 Start 0502 End 0539 Dump 0550

Location (lat/long, stations) 29° 29.37 N 93° 40.61 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 10-15 Kts Sigs 2-4' P/C 81°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	(166)	(167)	(168)
Port Draghead	Clear	Clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, ~~Mid~~ For	Trash + Mud	Mud + Debris	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ For			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08 / 15 / 03

Load #	169	Start	0602	End	0701	Dump	0715
Load #	170	Start	0725	End	0812	Dump	0828
Load #	171	Start	0846	End	0923	Dump	0934

Location (lat/long, stations) 29°29.48N 93°40.74W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 15-20 KTS SEAS 3-5' P/C 83°F

Seas building Water Temp., Surface 31°C Below Mid-Depth 31°C

Are there incidents involving endangered or protected species? YES **NO** (17)

Note biological samples:

	169	170	171
Port Draghead	Clean	Clean	Clean
Port Deflector		O/C	O/C
Stbd Draghead		Clean	Clean
Stbd Deflector		O/C	O/C
Port Inflow, ~~Mid~~ FOR	Mud + Debris	Slime Mud + Misc. Trash	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ FOR			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/15/03

Load # 172	Start 0953	End 1033	Dump 1045	
Load # 173	Start 1105	End 1148	Dump 1159	
Load # 174	Start 1220	End 1254	Dump 1308	

Location (lat/long, stations) 29°29.69 N, 93°40.95 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 20-25 Gusts to 32 Kts Seas building to 6'-8 5°F P/S, Hazy Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	(172)	(173)	(174)
Port Draghead	Clear	Nets + Rope	Debris
Port Deflector		Clear	clear
Stbd Draghead		Nets + Rope	Debris
Stbd Deflector		Clear	clear
Port Inflow, ~~Mid~~ For	Mud + Debris	Mud + Debris	opened > 1' gap
Port Inflow, Aft			opened > 1'
Stbd Inflow, ~~Mid~~ For			mud & debris
Stbd Inflow, Aft			
Port Overflow			mud & debris
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08/15/03

Load # 175 Start 1326 End 1406 Dump 1419
Load # 176 Start 1511 End 1543 Dump 1557 tide 2.65
Load # 177 Start 1650 End 1703 Dump

Location (lat/long, stations) 29°29.883'N / 93°41.233'W Tide Stage 2.27'

Weather (wind dir, beaufort, sea state, temp, etc.) NE 20-25K, NE 1-3m 96%.CC, B=1020 Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	175	176	177
Port Draghead	*		
Port Deflector	CLEAR	CLEAR	Clear
Stbd Draghead			Some Debris
Stbd Deflector			clear
Port Inflow, ~~Mid~~ For	open, 8" gap	open ≈ 1' gap	open 8" gap
Port Inflow, Aft	Clear	Clear	Clear
Stbd Inflow, ~~Mid~~ For			
Stbd Inflow, Aft			
Port Overflow	mud & Debris	mud & Debris	mud & Debris
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):
1335: Trawler caught loggerhead – relocating
(*) Load 175: Cleaned off grates – took on stores

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08 / 15 / 03

Load #	178	Start	1723	End	1800	Dump	1817
Load #	179	Start	1837	End	1917	Dump	1937
Load #	180	Start	2000	End	2037	Dump	2057

Location (lat/long, stations) 29°28.642 'N / 93°40.016 'W Tide Stage 2.2'

Weather (wind dir, beaufort, sea state, temp, etc.) (*) NE 25-28k, B=1018, 90°F, 100% cc

NE 1-3m, Rain Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	178	179	180
Port Draghead	Debris	Clear	CLEAR
Port Deflector	Clear		
Stbd Draghead	Rope & netting		
Stbd Deflector	Clear		
Port Inflow, ~~Mid~~ For	opened 8" gap	[opened 6-8"	[opened about 1' gap
Port Inflow, Aft	Clear		
Stbd Inflow, ~~Mid~~ For		Clear	Clear
Stbd Inflow, Aft			
Port Overflow	mud & Debris	mud & Debris	mud & debris
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

(*) Tropical Storm Erica / Hurricane bldg. to status E of Brownsville

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08 / 15 / 03

Load # 181 Start 2122 End 2157 Dump 2217
Load # 182 Start 2239 End 2338 Dump 0003
Load # 183 Start 0025 End 0110 Dump 0131

Location (lat/long, stations) 29° 29.386' N / 93° 40.626' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 20-25K, NE 1-3m, 90% CC

B=1018 Water Temp., Surface 31 °C Below Mid-Depth 31 °C

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

Note biological samples:	181	182	183
Port Draghead	Clear	mostly CLEAR plastics	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, ~~Mid~~ For	Clear	Open 8" gap	Mud + Debris
Port Inflow, Aft		open	"
Stbd Inflow, ~~Mid~~ For		Clear	Not
Stbd Inflow, Aft			Mud + Debris
Port Overflow	mud & debris	mud & Debris	
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISLAND
Project: SABINE PASS
te: 08 / 16 / 03

Load # 184 Start 0157 End 0243 Dump 0307
Load # 185 Start 0326 End 0409 Dump 0430
Load # 186 Start 0451 End 0527 Dump 0548

Location (lat/long, stations) 29°29.38 'N / 93°40.61 'W Tide Stage

Weather (wind dir, beaufort, sea state, ten c.) E 20-25 GS SEAS 3-5' P/C 81°F

Wa emp., Surface 31°C Below Mid-Depth 31°C

Are there incidents involving endangere protected species? YES (NO)

Note biological samples:	184	185	186
Port Draghead	Clean	Clean	Net + Trash
Port Deflector	↓	↓	Clean
Stbd Draghead			Net + Trash
Stbd Deflector			Clean
Port Inflow, ~~Mid~~ For	Mud + Debris	Mud + Trash	Mud + Trash
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ For			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effect ess of screening, additional info on by-catch, incidents, etc.):

ridge Watch Summary

Species	# of Animal	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERIN & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08 / 16 / 03

Load #	187	Start	0608	End	0648	Dump	0706
Load #	188	Start	0728	End	0808	Dump	0827
Load #	189	Start	0853	End	0935	Dump	0957

Location (lat/long, stations) 29°29.90 N / 93°41.19 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) E 20-25 KTS SEAS 4-6' P/C 82°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

Are there incidents involving endangered or protected species? YES NO

Note biological samples:	187	188	189
Port Draghead	TRASH	Clean	Clean
Port Deflector	O/C	"	
Stbd Draghead	TRASH	TRASH	
Stbd Deflector	O/C	Clean	
Port Inflow, ~~Mid~~ FOR	Mud + Debris	Mud + Debris	Mud, Clay, + TRASH
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ FOR			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

ridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGE (K. PETERS)

Dre[illegible]e: PADRE ISL

Project: SABINE PASS

te: 08 / 16 / 03

Load #	190	Sta[illegible]	1044	End	1217	Dump	1246
Load #	191	Sta[illegible]	1311	End	1406	Dump	1424
Load #	192	Sta[illegible]	1443	End	1545	Dump	1602

Location (lat/long, stations) 29° 29.07 'N / 93°40.09 'W Tide Stage 1.85'

Weather (wind dir, beaufort, sea state [illegible]p, etc.) SE 8-10 kts Sea 2-3' Swells Partly Sunny 86°F Water Temp., Surface 31°C Below Mid-Depth 31°C

Are there incidents involving endar[illegible]d or protected species? YES NO

Note biological samples:	190	191	192
Port Draghead	Clear	Netting & debris	Clear
Port Deflector		clear	
Stbd Draghead		debris	Debris
Stbd Deflector		clear	clear
Port Inflow, ~~Mid~~ For	Mostly clear	Gates opened ≈ 8-12" gap	Gates opened ≈ 4" gap ≈ 8"
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ For		Clear	Clear
Stbd Inflow, Aft			
Port Overflow	mud & debris	mud & debris	mud & debris
Stbd Overflow			

Gates opened ≈ 1' gap

Comments (material being dredged, c[illegible]s of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. Truncatus	6	1030 - feeding and playing on surface
	3A 3J	of water - 29°29.08N 93°40.18N

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISLE
Project: SABINE PASS
Date: 08 / 16 / 03

Load # 193 Start 1621 End [redacted]1827 Dump 1844
Load # 194 Start 1903 End [redacted]2119 Dump 2140
Load # 195 Start [redacted]2157 End [redacted]2327 Dump 2347

Location (lat/long, stations) 29° 28.741 'N / 93°38.941 'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) E 8-10k, E <1m, B=1017, [redacted] 90°F, 30% CC Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	193	194	195
Port Draghead	Clear	Clear	garbage
Port Deflector			clear
Stbd Draghead			chain, fabric
Stbd Deflector			clear
Port Inflow, ~~Mid~~ For	clear	clear	open, 6" gap
Port Inflow, Aft	open >1' gap	open ≈8" gap	open; 1' gap
Stbd Inflow, ~~Mid~~ For	clear, debris	debris	clear
Stbd Inflow, Aft	clear		
Port Overflow	mud &	mud	mud
Stbd Overflow	debris	& debris	& debris

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):
1915 — Another turtle (sp. not given) caught by trawler — released.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dr: PADRE ISLAND
Pr: SABINE PASS
DATE 08/16/17 03

Load #	196	Start	0002	End	0145	Dump	0205
Load #	197	Start	0222	End	0334	Dump	0348
Load #	198	Start	0413	End	0513	Dump	0527

Location (lat/long, stations) 29° 28.88 'N / 93° 40.17 'W Tide Stage

Weather (wind dir, beaufort, sea stat Lt. & var., Seas calm, B=10 18-
81°F, 20%cc NW, Lt 5-8K Temp., Surface 31°C Below Mid-Depth 31°C

Are there incidents involving endan protected species? YES NO

Note biological samples:	196	197	198
Port Draghead	Clear	Trash	Clear
Port Deflector	Clear	Clear	
Stbd Draghead	TRASH	Trash	
Stbd Deflector	Clear	Clear	
Port Inflow, ~~Mid~~ FOR	Mud + Trash	Mud, Debris	Mud + Trash
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ FOR			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, of screening, additional info on by-catch, incidents, etc.):

e Watch Summary

Species	# of Anim	ine/ Location/ Comments

Observer(s) On Duty: C. DER K. PETERS

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08 / 17 / 03

Load # 199	Start 0548	End 0652	Dump 0709	
Load # 200	Start 0729	End 0843	Dump 0906	
Load # 201	Start 0952	End 1154	Dump 1206	

Location (lat/long, stations) 29° 29.05 'N / 93°40.22 'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE/C-4 5 Sea 53-4' 85°F

Sunny / hazy Water Temp., Surface 31°C Below Mid-Depth 31°C

Are there incidents involving endangered or protected species? YES NO

Note biological samples:	199	200	201
Port Draghead	Trash	Clear	Clear
Port Deflector	Clear		
Stbd Draghead			
Stbd Deflector			
Port Inflow, ~~Mid~~ For	Mud + Trash	Mud + Trash	open 8" gap
Port Inflow, Aft			open 6"
Stbd Inflow, ~~Mid~~ For			packed w/ clay & mud
Stbd Inflow, Aft			
Port Overflow			{ mud
Stbd Overflow			{ & Debris

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Aft "Doors" on boxes have more trash than forward boxes. Trash is mostly line, nets, ropes, fabric which easily gets wrapped around (Crates of doors.) Will be removed.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge PADRE ISL
Project SABINE PASS
DATE 08/17/03

Load # 202	Start 1225	End 1316	Dump 1328
Load # 203	Start 1349	End 1406	Dump 1425
Load # 204	Start 1440	End 1529	Dump 1600

Location (lat/long, stations) 29° 29.840' N 93° 41.164' W Tide Stage [redacted]

Weather (wind dir, beaufort, sea st: B=1015, Hazy, 80% CC, Lt. & var, Calm Seas

Water temp., Surface 31°C Below Mid-Depth 31°C

Are there incidents involving etc: otected species? YES NO

Note biological samples:	202	203	205
Port Draghead	clear	Debris	Clear
Port Deflector		Clear	clear
Stbd Draghead		Lg Rope	Rope & Debris
Stbd Deflector	clear	clear	Clear
Port Inflow, ~~Mid~~ For	open ≈ 6" gap	Opened ≈ 6" gap	OPENED 6" gap
Port Inflow, Aft	open ≈ 12"	≈ 4"	
Stbd Inflow, ~~Mid~~ For	Clear	clay & mud	Clear
Stbd Inflow, Aft		clear	
Port Overflow	mud & Debris	misc. fish & mud	mud & Debris
Stbd Overflow		debris	

Comments (material being dredge: f screening, additional info on by-catch, incidents, etc.):

e Watch Summary

Species	# of Ani:	me/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08 / 17 / 03

Load # 205	Start 1620	End 1754	Dump 1818
Load # 206	Start 1836	End 2037	Dump 2050
Load # 207	Start 2105	End 2305	Dump 2325

Location (lat/long, stations) 29° 29.831 'N / 93° 39.945 'W Tide Stage 1.7'

Weather (wind dir, beaufort, sea state, temp, etc.) SW 12-15k, seas <1m, B=1017, 93°F, 100% CC, Hazy Water Temp., Surface 31°C Below Mid-Depth 31°C

Are there incidents involving endangered or protected species? YES NO

Note biological samples:	205	206	207
Port Draghead	mostly nothing	clear	clear
Port Deflector		clear	
Stbd Draghead	clear rope	netting & rope	
Stbd Deflector		clear	
Port Inflow, ~~Mid~~ For	opened 4" gap	opened ≈6" gap	opened 8" gap
Port Inflow, Aft	1'		4"
Stbd Inflow, ~~Mid~~ For	clear	clear, mud & clay	clear
Stbd Inflow, Aft			
Port Overflow	mud & debris	mud & debris	mud & debris
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):
@ 1800 to 1840 → Rain & lightening – reduced vis.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	2	1854 – 29°28.936'N / 93°40.141'W

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge PADRE ISLAND
Project SABINE PASS
DATE: 08/~~17~~28/03

Load # 208	Start	2340	End	0184	Dump	0145
Load # 209	↓	0152	End	0346	Dump	0416
Load # 210	↓	0426	End	0606	Dump	0630

Location (lat/long, stations) 29° 28.674 N / 93° 40.063 W Tide Stage

Weather (wind dir, beaufort, sea ~~state~~ temp etc) Lt & var, calm seas, B=1016
80°F, 30% CC WATER temp Surface 31°C Below Mid-Depth 31°C

Are there incidents involving e... tected species? YES NO

Note biological samples:	208	209	210
Port Draghead	Net + TRASH	Net	Clear
Port Deflector	Clear	Clear	↓
Stbd Draghead	Clear	↓	↓
Stbd Deflector	Clear	↓	↓
Port Inflow, ~~Aft~~ Fore	Mud + TRASH	Mud + Trash	Mud + Trash
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, ~~Aft~~ Fore	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredg... screening, additional info on by-catch, incidents, etc.):

Watch Summary

Species	# of A...	...e/ Location/ Comments
Ø		

Observer(s) On ...ty: C. DE... (K. PETERS)

907 733-

36

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08 / 18 / 03

Load #	211	Start	0650	End	0852	Dump	0912
Load #	212	Start	0940	End	1127	Dump	1150
Load #	213	Start	1238	End	1302	Dump	1320

Location (lat/long, stations) 29°28.96 'N / 93°39.96 'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SW/0-15 Mts 2' 86°F P/S

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	211	212	213
Port Draghead	Clean	Clean	clean
Port Deflector			clean
Stbd Draghead			lg. net & rope
Stbd Deflector			clean
Port Inflow, ~~Mid~~ For	Mud + TRASH	MUD + less TRASH	MUD
Port Inflow, Aft			& Debris
Stbd Inflow, ~~Mid~~ For			
Stbd Inflow, Aft			
Port Overflow			mud & debris
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

After Load #211 - we cleaned all Boxes and Doors of excess Debris + trash. Nasty! Mmm

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

PADRE ISL
SABINE PASS
08/18/03

Load # 214 ST 1347 End 1444 Dump 1500
Load # 215 ST 1537 End 1848 Dump 1905
Load # 216 ST 1930 End 2144 Dump 2201

Location (lat/long, stations) 29° 29.492 N / 93°40.574' W Tide Stage

Weather (wind dir, beaufort, sea s: W 8-10k, B = 1019, calm seas
83°F, 90% CC

, Surface 31°C Below Mid-Depth 31°C

Are there incidents involving e: ected species? YES NO

	214	215	216
Note biologic samples:		Debris - rope & plastic	
Port Draghead	Clear		
Port Deflector		Clear	Clear
Stbd Draghead	some debris		
Stbd Deflector	clear		
Port Inflow, F	open ≈ 4" gap	open ≈ 6" gap	open ≈ 4" gap
Port Inflow, A		>1' gap	open ≈ 1'
Stbd Inflow, F	clear	clear	clear
Stbd Inflow, A	mud & clay	clear	
Port Overflow	mud & debris	mud & debris	mud & debris
Stbd Overflow			

Comments (m: being dredge screening, additional info on by-catch, incidents, etc.):
Closed position of port aft gate - after Load 214.

Watch Summary

Species	# of Ani	e/ Location/ Comments

Observer(s) On: C. DERINGER & K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08 / 18 / 03
/19

Load #	217	Start	2222	End	0020	Dump	0035
Load #	218	Start	0058	End	0334	Dump	0347
Load #	219	Start	0406	End	0556	Dump	0612

Location (lat/long, stations) 29° 28.727 'N / 93° 40.067' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) W 5-8K, Seas calm, 10% cc, 1019, 92°F Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	217	218	219
Port Draghead	Clear	Net + TRASH	TRASH + Net
Port Deflector			Clear
Stbd Draghead			
Stbd Deflector			
Port Inflow, ~~Mid~~ For	MUD + Clay	MUD + TRASH	Mud + TRASH
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ For			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISLAND
Project: SABINE PASS
DATE: 08/19/03

Load # 220 Start 0630 End 0812 Dump 0824
Load # 221 Start 0843 End 0936 Dump 0951
Load # 222 Start 1650 End 1826 Dump 1847

Location (lat/long, stations) 29°29.82 N / 93°49.07 W Tide Stage

Weather (wind, Beaufort, sea state, temp) Lt. & var., calm sea, 85°F, 80% cc
RAIN!

H_2O Surface 31°C Below Mid-Depth 31°C

Are there incidents involving endangered species? YES (NO)

Note biologic[illegible]	220	221	222
Port Draghead	Clear	Clear	Some Net & Trash
Port Deflector			Clear
Stbd Draghead	Some netting		
Stbd Deflector	Clear		
Port Inflow, FOR	open ≈ 8" gap	Clear	Mud, Clay, Trash
Port Inflow, AFT	open ≥ 1' gap		
Stbd Inflow, FOR	mud, clay		
Stbd Inflow, AFT	debris		
Port Overflow	mud & debris	mud & debris	
Stbd Overflow			

Comments (material being dredged, effectiveness screening, additional info on by-catch, incidents, etc.)
0950 - Lost power, lots of lightening & rain — Lost radar (have to) @ dump
@1100 - anchored. * — cleaned over flow skimmer while @ anchor.
Underway again at 16:40

Bridge Watch Summary

Species	# of Animals	Time/Location/ Comments
Ø		

Observer(s) On Duty C. DERINGER + K. PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08 / 19 / 03

Load #	223	Start	1902	End	2031	Dump	2053
Load #	224	Start	2115	End	2242	Dump	2258
Load #	225	Start	2313	End	0005	Dump	0022

Location (lat/long, stations) 29° 29.47 N / 93° 40.70 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SW 5-10 KTS SEAS 1-2' 91°F P/S

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	223	224	225
Port Draghead	Clear	Clear	Clear
Port Deflector	"		
Stbd Draghead	40' Net		
Stbd Deflector	Clear		
Port Inflow, ~~Mid~~ For	Mud + Trash	Mud + Trash	opened >1' gap
Port Inflow, Aft			1' gap
Stbd Inflow, ~~Mid~~ For			clear
Stbd Inflow, Aft			
Port Overflow			mud & debris
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PAD RE ISL
Project: SABINE PASS
DATE: 08/20/03

Load # 226 Start 0040 End 0226 Dump 0246
Load # 227 Start 0305 End 0404 Dump 0421
Load # 228 Start 0440 End 0616 Dump 0633

Location (lat/ ...tions) 29°29.865 N / 93°47.188 W Tide Stage

Weather (wind, ...aufort, sea state, temp SW @ 10-12k, SW swell <1m, P = 1018, 81°F, 20% CC WATER Surface 31°C Below Mid-Depth 31°C

Are there in... involving c... ...ted species?	YES	NO
Note biologic...	226	227	228
Port Draghea...	Clear		
Port Deflecto...			
Stbd Draghea...	Sm. amt of nothing	Clear	Clear
Stbd Deflecto...	Clear		
Port Inflow, Fore	Clear	Opened ≈ 4" gap	Opened ≈ 4" gap
Port Inflow, Aft			
Stbd Inflow, Fore		Clear	Clear
Stbd Inflow, Aft			
Port Overflow	mostly Clear	mostly clear	clear
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

...atch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) On: C. DERINGER & K PETERS

Dredge: PADRE ISL
Project: SABINE PASS
Date: 08 / 20 / 03

Load # 229 Start 0657 End 0755 Dump 0813
Load # 230 Start 0833 End 0921 Dump 0940
Load # 231 Start 0958 End 1055 Dump 1107
Location (lat/long, stations) 29° 29. 911 N / 93° 41.228 W Tide Stage 1.9
Weather (wind dir, beaufort, sea state, temp, etc.) W 8-10k, W <1m swell, 80°C, B=1018, 40%.cc Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	229	230	231
Port Draghead	netting	line	line
Port Deflector	clear	clean	clean
Stbd Draghead	netting, rope, cable	line / netting	clean
Stbd Deflector	clear	clean	clean
Port Inflow, ~~Mid~~ FOR		line trash	line / trash
Port Inflow, Aft		"	trash
Stbd Inflow, ~~Mid~~ FOR		"	line / trash
Stbd Inflow, Aft		"	line
Port Overflow	mud & debris	trash/debris	trash
Stbd Overflow		trash/debris	debris

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: C. DERINGER & K. PETERS

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/20/03

Load # 232	Start 1126	End 1315	Dump 1339	
Load # 233	Start 1350	End 1457	Dump 1516	
Load # 234	Start 1553	End 1730	Dump 1750	

Location (lat/long, stations) 29°29.59N 93°40.89W Tide Stage 2.13'

Weather (wind dir, beaufort, sea state, temp, etc.) SW 5-8Kts ~~SS3~~ calm 90°F Sunny

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	232	233	234
Port Draghead	Clean	Clean	Clean
Port Deflector			"
Stbd Draghead			Trash
Stbd Deflector			"
Port Inflow, ~~Mid~~ For	Mud, Clay, Trash	Mud Clay	Mud & Clay
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ For			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Cleaned Box Doors after Load # 233

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kirk Rotures

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08 / 20 / 03

Load #	235	Start	1758	End	2005	Dump	2021
Load #	236	Start	2040	End	2220	Dump	2240
Load #	237	Start	2254	End	0009	Dump	0015

Location (lat/long, stations) 29° 29.95 N 93° 41.28 W Tide Stage 2.2 ft

Weather (wind dir, beaufort, sea state, temp, etc.) SW 5-8 kts Seas calm / Swell 90°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	(235)	(236)	(237)
Port Draghead	Net	Clean	not, line
Port Deflector	Clean	↓	clean
Stbd Draghead	Net	↓	not, line
Stbd Deflector	Clean	↓	clean
Port Inflow, Mid	Mud + Clay	Mud + Clay	Mud / debris
Port Inflow, Aft	↓	↓	"
Stbd Inflow, Mid	↓	↓	"
Stbd Inflow, Aft	↓	↓	"
Port Overflow	↓	↓	"
Stbd Overflow	↓	↓	"

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Patton & Seth Medford

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08 / 1 / 03

Load # 238 Start 0026 End ~~0126~~ 0211 Dump ~~000~~ 0230
Load # 239 Start 0246 End 0435 Dump 0454
Load # 240 Start 0508 End 0616 Dump 0638

Location (lat/long, stations) 29°29.703'N / 93°41.943'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Bea: 2, 20% CC, 82°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	238	239	240
Port Draghead	clear	clear	line/net
Port Deflector	clear	clear	clear
Stbd Draghead	line/net	clear	line
Stbd Deflector	clear	clear	clear
Port Inflow, Mid	line/debris/mud	debris/mud	clear
Port Inflow, Aft	↓	↓	debris
Stbd Inflow, Mid	↓	↓	clear
Stbd Inflow, Aft	↓	↓	debris
Port Overflow	clear	clear	mud/debris
Stbd Overflow	clear	debris/mud	mud/debris

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);
load # 239 - cleaned port aft inflow screen

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	2	7:40, near dredge - feeding at transfer
T. truncatus	5-7	8:35 " feeding/traveling

Observer(s) On Duty: S. Medford

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 8 / 21 / 03

Load # 241	Start 0654	End 0841	Dump 0906	
Load # 242	Start 0921	End 1103	Dump 1130	
Load # 243	Start 1145	End 1405	Dump 1420	

Location (lat/long, stations) 29°29.755'N / 93°41.050'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B-2, NW, 80°F, Cloudy / some rain

Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	(241)	(242)	(243)
Port Draghead	line	clean	Clean
Port Deflector	clean	clean	↓
Stbd Draghead	line	line	
Stbd Deflector	clean	clean	
Port Inflow, Mid	clean	debris/mud	Mud + Clay Debris
Port Inflow, Aft	debris/mud	clean	
Stbd Inflow, Mid	clean	debris/mud	
Stbd Inflow, Aft	debris/mud	clean	
Port Overflow	mud/debris	debris	↓
Stbd Overflow	mud/debris	debris	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	3	1055 - in channel, feeding

Observer(s) On Duty: S. Medford / Kim Partyka

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/21/03

Load #	244	Start	1444	End	1608	Dump	1634
Load #	245	Start	1657	End	1758	Dump	1814
Load #	246	Start	1830	End	2031	Dump	2055

Location (lat/long, stations) 29° 30.21 N 93° 41.63 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SW 5-10 KTS SEAS 1-2 OVERCAST 85°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	1244	1245	246
Port Draghead	Clean	Clean	Clean
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, ~~Mid~~ Fwd	Mud, Clay, Debris	Mud + Clay Debris	Mud + Clay
Port Inflow, Aft			Mud + Debris
Stbd Inflow, ~~Mid~~ Fwd			Mud Clay
Stbd Inflow, Aft			Mud + Debris
Port Overflow			Trash + Mud
Stbd Overflow			"

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Peters

Dredge: PADRE ISLAND
Project: SABINE ISLAND
Date: 08/21/03 8/22/03

Load #	247	Start	2115	End	2312	Dump	2329
Load #	248	Start	0001	End	0127	Dump	0151
Load #	249	Start	0215	End	0454	Dump	0513

Location (lat/long, stations) 29°28.95N 93°39.94W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SW 10-15 kts Heavy storms Seas 2-3 80°F Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	247	248	249
Port Draghead	Clean	clean	NA
Port Deflector		clean	NA
Stbd Draghead		clean	clean
Stbd Deflector		clean	clean
Port Inflow, ~~Mid~~ FOR	Mud + Debris	Mud/debris	NA
Port Inflow, Aft			NA
Stbd Inflow, ~~Mid~~ FOR			mud/debris
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);
Port Impeller driveshaft malfunction - only digging w/ stbd arm (0130)

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kilu Patiño

Dredge: Padre Island
Project: Sabine Pass
Date: 8 / 22 / 03

Load # 250	Start 0530	End 0557	Dump 0624
Load # 251	Start 0740	End 0915	Dump 0926
Load # 252	Start 0952	End 1117	Dump 1139

Location (lat/long, stations) 250 - 29°29.705'W / 93°40.25'N 251 - 29°34.104'N / 93°48.175'W Tide Stage +2.6

Weather (wind dir, beaufort, sea state, temp, etc.) SW winds calm calm seas 86°F overcast Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	250	251	252
Port Draghead	NA	NA	NA
Port Deflector	NA	NA	NA
Stbd Draghead	clean	clean	clean
Stbd Deflector	clean	clean	clean
Port Inflow, Mid	NA	NA	NA
Port Inflow, Aft	NA	NA	NA
Stbd Inflow, Mid	clean	mud/debris	mud/debris
Stbd Inflow, Aft	mud/debris	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

0700 moved into new Dig area

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Tursiops	8	in channel traveling

Observer(s) On Duty: S. Mefford

* LOAD #254 - 29° 36.11 N 93° 48.24 W

Dredge: Padre Island

Project: Sabine Pass

Date: ~~08~~ 1/22/03 1/23/24

Load # 253 Start 1155 End 1405 Dump 1429

Load # 254 8/23 Start 2003 End 2231 Dump 2245

Load # 255 Start 2305 End ~~0032~~ 0100 Dump 0117

Location (lat/long, stations) 29° 36.06 N 93° 48.35 W * Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SW winds calm seas flat overcast 86°F Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	253	254	255
Port Draghead	Nets	Clear	~~de~~ NA
Port Deflector	Clear	"	NA
Stbd Draghead	Rope/Cable	Sea Snake (Hose)	clean
Stbd Deflector	Clear	Clear	clean
Port Inflow, Mid	Mud, Clay, Debris	Mud	mud/debris
Port Inflow, Aft		Clear	mud/debris
Stbd Inflow, Mid		Mud Clay	clean
Stbd Inflow, Aft			clean
Port Overflow			mud/debris
Stbd Overflow			mud/debris

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Port Draggarm down 0130
To the Dock for Repairs @ 1430 —
Back to Sea @ 1905 on 08/23
Working w/ port arm down /STB only

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kilu Pastor

Dredge: Padre Istand
Project: Sabine Pass
Date: 8 /24 /03

Load # 256 Start 0138 End 0322 Dump 0340
Load # 257 Start 0406 End 0551 Dump 0610
Load # 258 Start 0632 End 0826 Dump 0844
Location (lat/long, stations) 29°33.246'N / 93°48.280'W Tide Stage 2.35
Weather (wind dir, beaufort, sea state, temp, etc.) B-2, NW, 82°F
Water Temp., Surface 31°C Below Mid-Depth 30°C

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

Note biological samples:	256	257	258
Port Draghead	NA	NA	NA
Port Deflector	NA	NA	NA
Stbd Draghead	clean	clean	clean
Stbd Deflector	clean	clean	clean
Port Inflow, Mid	NA	NA	NA
Port Inflow, Aft	NA	NA	NA
Stbd Inflow, Mid	mud/debris	mud/debris	mud/debris
Stbd Inflow, Aft	mud/debris	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	2	0635, area 4, feeding in channel
" truncatus	5-6	0745 " "

Observer(s) On Duty: Seth Mooford

Dredge: Padre Island
Project: Sabine Pass
Date: 8/24/03

Load #	259	Start	0905	End	1057	Dump	1116
Load #	260	Start	1127	End	1327	Dump	1341
Load #	261	Start	1402	End	1450	Dump	1510

Location (lat/long, stations) Area 4 - 29°33.246'N/ 93°48.280'W Tide Stage 2.55

Weather (wind dir, beaufort, sea state, temp, etc.) B-3, wind NNW, 85°F clear skies

Water Temp., Surface 31°C Below Mid-Depth 30°C

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

Note biological samples:	259	260	261
Port Draghead	NA	NA	N/A
Port Deflector	NA	NA	N/A
Stbd Draghead	clean	Trash	Clean
Stbd Deflector	clean	Clean	Clean
Port Inflow, Mid	NA	NA	N/A
Port Inflow, Aft	NA	NA	N/A
Stbd Inflow, Mid	mud/debris	Mud + Debris	Mud + Debris
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Load # 260 is short due to needed repairs @ Dock
Head to Dock after this Dump.

STB Boxes Cleaned after Load # 261

@ Dock at 1616

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	10-15	1220 - in channel feeding/playing

Observer(s) On Duty: Seth Medford + Kim Peters

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/24/03 - 8/25/03 - 8/26/03
at dock

Load # 262	8/26	Start 0456	End 0712	Dump 0729
Load # 263		Start 0748	End 0843	Dump 0900
Load # 264		Start 0919	End 1113	Dump 1131

Location (lat/long, stations) Area 4 29°33.522'N / 93°47.84'W Tide Stage 2.68

Weather (wind dir, beaufort, sea state, temp, etc.) calm sea, light airs, 85°F, 70% cloud cover

Water Temp., Surface 31°C Below Mid-Depth 30°C

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

Note biological samples:	(262)	(263)	(264)
Port Draghead	clean	clean	clean
Port Deflector	clean	clean	clean
Stbd Draghead	clean	clean	clean
Stbd Deflector	clean	clean	clean
Port Inflow, Mid	mud/debris	mud/debris	mud/debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

08/24 0930 - cleaned screening on port & Starboard overflows.
8/26 0456 - Resume Digging after leaving dock. Both Arms in use.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	3	0830, out of channel near area 4, feeding.
T truncatus	12-15	1000, west of channel, feeding behind trawler

Observer(s) On Duty: Kim Phipps & Seth Medford

5225

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/26/03

Load # 265	Start 1151	End 1327	Dump 1336
Load # 266	Start 1404	End 1538	Dump 1556
Load # 267	Start 1616	End 1803	Dump 1824

Location (lat/long, stations) 29°36.16 N 93°48.27 W Tide Stage 2.92

Weather (wind dir, beaufort, sea state, temp, etc.) Seas calm, winds light - Partly Sunny 90°F Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	265	266	267
Port Draghead	Net	Nets + Trash	Net + Trash
Port Deflector	Clean	Clean	Clean
Stbd Draghead	↓	Stuff hanging	Clean
Stbd Deflector	↓	Clean	Clean
Port Inflow, Mid	Mud + Debris	Mud + Trash	Mud + Trash
Port Inflow, Aft	↓		↓
Stbd Inflow, Mid		↓	
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Patapo

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/26/03 - 8/27/03

Load #	268	Start	1841	End	2041	Dump	2105
Load #	269	Start	2125	End	2314	Dump	2333
Load #	270	Start	2355	End	0135	Dump	0154

Location (lat/long, stations) 29° 36.18 N 93° 48.26 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SW 5-10 kts Seas 1-2 P/C 86°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	268	269	270
Port Draghead	Clean	Trash	net/line
Port Deflector	↓	clear	clean
Stbd Draghead		Trash	clean
Stbd Deflector		Clear	clean
Port Inflow, Mid	Mud + Debris	Mud + Debris	mud/debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Rivera & Seth Medford

Dredge: PADRE ~~ISLAND~~
Project: SABINE PASS
Date: 08 / ~~26~~ 27 / 03

Load # 271	Start 0214	End 0400	Dump 0418	
Load # 272	Start 0439	End 0630	Dump 0649	
Load # 273	Start 0712	End 0908	Dump 0920	

Location (lat/long, stations) area 4 29°34.207'N / 93°47.621'W Tide Stage 3.12'

Weather (wind dir, beaufort, sea state, temp, etc.) Beau 2 - South - 85°F 100% cloud cover thunderstorm @0630 Water Temp., Surface 32°c Below Mid-Depth 31°c

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

Note biological samples:

	271	272	273
Port Draghead	clean	clean	clean
Port Deflector	clean	clean	clean
Stbd Draghead	clean	clean	clean
Stbd Deflector	clean	clean	clean
Port Inflow, Mid	mud/debris	mud/debris	mud/debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	6-7	0725, Aft of Ship in channel, feeding/playing (breaching & tail "flaps")

Observer(s) On Duty: S. Medford

Dredge: Padre Island
Project: Sabine Pass
Date: 8 / 27 / 03

Load #	274	Start	0949	End	1047	Dump	1116
Load #	275	Start	1144	End	1234	Dump	1247
Load #	276	Start	1312	End	1441	Dump	1457

Location (lat/long, stations) Stn 4 29° 32.502'N / 93° 47.277'W Tide Stage 2.66

Weather (wind dir, beaufort, sea state, temp, etc.) calm Sea, light airs, 92°F, 50% cloud cover Water Temp., Surface 32°C Below Mid-Depth 32°C

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

Note biological samples:	274	275	276
Port Draghead	Clean	Trash	Trash
Port Deflector	Clean	Clean	Clean
Stbd Draghead	Clean	Cable & line	Clean
Stbd Deflector	Clean	Clean	Clean
Port Inflow, Mid	Mud/debris	Mud & Debris	Mud & Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: S Medford & Kim Fates

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/27/03

Load #	277	Start	1516	End	1703	Dump	1717
Load #	278	Start	1843	End	1944	Dump	2001
Load #	279	Start	2020	End	2223	Dump	2240

Location (lat/long, stations) 29°35.38 N 93°47.54 W Tide Stage 3.05

Weather (wind dir, beaufort, sea state, temp, etc.) SW wind 5-8 kts Seas 1-2' P/C 90°F

Water Temp., Surface 32°C Below Mid-Depth 32°C

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

Note biological samples:

	277	278	279
Port Draghead	Net	Clean	Clean
Port Deflector	Clean	"	↓
Stbd Draghead	Net + TRASH	Net	↓
Stbd Deflector	Clean	Clean	↓
Port Inflow, Mid	Mud + Trash	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Peters

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/27/03 – 8/28/03

Load # 280	Start 2258	End 0043	Dump 0102
Load # 281	Start 0124	End 0304	Dump 0323
Load # 282	Start 0345	End 0530	Dump 0548

Location (lat/long, stations) 29°35.38N 93°47.54W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SW wind 5-8 / C/S Seas 2-3 P/C 82°F

Water Temp., Surface 32°C Below Mid-Depth 32°C

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

Note biological samples:	280	281	282
Port Draghead	fine/mud	cable	clean
Port Deflector	clean	clean	clean
Stbd Draghead	clean	clean	clean
Stbd Deflector	clean	clean	clear
Port Inflow, Mid	mud/debris	mud/debris	mud/debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Patton

Dredge: Padre Estand
Project: Sabine Pass
Date: 8/28/03

Load # 283	Start 0607	End 0813	Dump 0831
Load # 284	Start 0901	End 1043	Dump 1100
Load # 285	Start 1115	End 1252	Dump 1312

Location (lat/long, stations) 29°34.105'N/93°48.567'W station 4 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Beaufort 2, wind NE, partially cloudy, 85°F

Water Temp., Surface 32°C Below Mid-Depth 32°C

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

Note biological samples:	283	284	285
Port Draghead	clean	clear	Clean
Port Deflector	clean	clear	↓
Stbd Draghead	clean	clear	↓
Stbd Deflector	clean	clear	↓
Port Inflow, Mid	mud/debris	mud/debris	Mud + Trash
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	✓	✓	✓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	4	0945 - Bowriding tanker leaving channel

Observer(s) On Duty: S. Medford

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/28/03

Load # 286	Start 1327	End 1456	Dump 1522	
Load # 287	Start 1537	End 1706	Dump 1724	
Load # 288	Start 1749	End 1926	Dump 1946	

Location (lat/long, stations) 29°36.69 N 93°48.65 W Tide Stage 2.41

Weather (wind dir, beaufort, sea state, temp, etc.) Beaufort 2 WIND NE P/C 90°F

Water Temp., Surface 32°C Below Mid-Depth 32°C

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

Note biological samples:

	286	287	288
Port Draghead	Clear	Clear	Clear
Port Deflector	Clear	↓	Clear
Stbd Draghead	Clear	↓	Nets
Stbd Deflector	Clear	↓	Clear
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Portside Doors still Remain open due to load pressure. Reclose after Inspection of Doors

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Peters

Dredge: PADRE ISLAND

Project: SABINE PASS

Date: 08 / 28 / 03 8/29/03

Load # 289 Start 2002 End 2153 Dump 2210

Load # 290 Start 2229 End 0008 Dump 0026

Load # 291 Start 0046 End 0212 Dump 0230

Location (lat/long, stations) 29°35.88N 93°48.14W Tide Stage 1.75

Weather (wind dir, beaufort, sea state, temp, etc.) NE WINDS 5-10 KTS SEAS 1-2 P/C / 95°F

Water Temp., Surface 32°C Below Mid-Depth 32°C

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

Note biological samples:

	289	290	291
Port Draghead	Clear	clear	clear
Port Deflector	↓	clear	clear
Stbd Draghead	↓	netting	clear
Stbd Deflector	↓	clear	clear
Port Inflow, Mid	Mud + Debris	mud / debris	mud/debris
Port Inflow, Aft	↓	↓	mud/debris
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Rios

Dredge: Padre Island

Project: Saline Pass

Date: 8 / 29 / 03

Load # 292	Start 0252	End 0410	Dump 0427
Load # 293	Start 0447	End 0617	Dump 0635
Load # 294	Start 0755	End 0853	Dump 0905

Location (lat/long, stations) Stn 4: 29°35.88'N / 93°48.14'W Tide Stage 4.25

Weather (wind dir, beaufort, sea state, temp, etc.) Beau: 3, NE wind 10-15kts sea 1'-3', 80°F

Water Temp., Surface 32°C Below Mid-Depth 32°C

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

Note biological samples:	292	293	294
Port Draghead	clear	clear	clear
Port Deflector	clear	clear	clear
Stbd Draghead	clear	clear	clear
Stbd Deflector	clear	clear	clear
Port Inflow, Mid	mud/debris	mud/debris	mud/debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: S. Medford

Dredge: Padre Island

Project: Sabine Pass

Date: 8 / 29 / 03

Load #	295	Start	0929	End	1126	Dump	1140
Load #	296	Start	1212	End	1310	Dump	1333
Load #	297	Start	1428	End	1611	Dump	1627

Location (lat/long, stations) 29°35.14 N 93°47.50 W Tide Stage 4.70

Weather (wind dir, beaufort, sea state, temp, etc.) NE 10-15 KTS SEAS 3-4' 89°F P/C

Water Temp., Surface 32°C Below Mid-Depth 32°C

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

Note biological samples:	295	296	297
Port Draghead	clear	Clean	Trash
Port Deflector	clear	↓	Clear
Stbd Draghead	clear	↓	Large Net
Stbd Deflector	clear	↓	Clear
Port Inflow, Mid	mud/debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

No turtle sightings

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	2	1105 - bowriding w/ tanker leaving channel

Observer(s) On Duty: S. Medford + Kim Parker

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08 / 29 / 03

Load # 298 Start 1645 End 1826 Dump 1844
Load # 299 Start 1902 End 2055 Dump 2121
Load # 300 Start 2140 End 2333 Dump 2350

Location (lat/long, stations) 29°35.53 N 93°47.73 W Tide Stage 4.88

Weather (wind dir, beaufort, sea state, temp, etc.) NE/C-15 Kts Sea 3-4' Swell P/C 92°F

Water Temp., Surface 32°C Below Mid-Depth 32°C

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

Note biological samples:	298	299	300
Port Draghead	Clear	Clear	Clear
Port Deflector	Clear	↓	↓
Stbd Draghead	Clear		
Stbd Deflector	Clear		
Port Inflow, Mid	Mud + Debris	MUD + TRASH	Mud + TRASH
Port Inflow, Aft	↓	↓	
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Fatland

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08 / 30 / 03

Load # 301	Start 0010	End 0136	Dump 0152	
Load # 302	Start 0212	End ~~0579~~ 0333	Dump 0359	
Load # 303	Start 0419	End 0549	Dump 0604	

Location (lat/long, stations) Station 4 29°35.916'N / 93°48.233'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Beau: 3, SE 10-15 kts 1-3', 80°F

Water Temp., Surface 32°C Below Mid-Depth 32°C

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

Note biological samples:

	301	302	303
Port Draghead	clear	clear	clear
Port Deflector	clear	clear	clear
Stbd Draghead	clear	clear	clear
Stbd Deflector	clear	clear	clear
Port Inflow, Mid	mud/debris	mud/debris	mud/debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Seth Medford

Dredge: Padre Island

Project: Sabine Pass

Date: 8/30/03

Load #	304	Start	0625	End	0808	Dump	0834
Load #	305	Start	0854	End	1036	Dump	1104
Load #	306	Start	1129	End	1300	Dump	1325

Location (lat/long, stations) Stn 4: 29°35.910'N / 93°48.233'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Beau 4 - wind SE 10-20kts Sea 2-4', scattered thunderstorms Water Temp., Surface 32°c Below Mid-Depth 31°c

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

Note biological samples:	304	305	306
Port Draghead	clear	Clear	Clear
Port Deflector	Clear	↓	↓
Stbd Draghead	clear		
Stbd Deflector	~~mud~~ clear	↓	↓
Port Inflow, Mid	mud/debris	Mud/debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):
Load 305 - cleared screen on stbd - Aft - inflow. SM

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	4	0930 - Swimming in channel

Observer(s) On Duty: S Midford

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08/30/03

Load # 307	Start 1401	End 1529	Dump 1553
Load # 308	Start 1625	End 1752	Dump 1814
Load # 309	Start 1849	End 2031	Dump 2102

Location (lat/long, stations) 29°36.31N 93°48.34W Tide Stage 2.88

Weather (wind dir, beaufort, sea state, temp, etc.) SE 15-20 KTS SEAS 8-10' 86°F Partly Cloudy

Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:

	307	308	309
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow	↓	↓	↓
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

@ 2100: Seas 8-10' Rain heavy at times - Gust to 35 Kts - mostly 20-25 Kts. 40 Kts

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Tatera

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 08 / 30 / 03 - 8/31/03

Load #	310	Start	2156/1859	End	0715/2048	Dump	2116
Load #	311	Start	2142	End	2327	Dump	2356
Load #	312	Start	0003	End	0138	Dump	0218

Location (lat/long, stations) 29° 36.026' N 93°48.286' W Tide Stage 3.34

Weather (wind dir, beaufort, sea state, temp, etc.) SE 2C-25Kts Gust to 40Kts Rain Seas 8-10' 80°F Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:	310	311	312
Port Draghead	clear	Clear	clear
Port Deflector	clear		
Stbd Draghead	net/line/tires/trash		
Stbd Deflector	clear		
Port Inflow, Mid	mud/debris	Mud & Debris	mud/debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);
Load 310 - digging continuously w/o going to dump due to weather being poor.
0715 - stop digging all together due to weather & broken gimbal on port Arm.
#310-1859 on the 31st resume digging w/ port arm only
@ 29°35.927' N 93°48.206' W

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Estes + Seth Medford

Dredge: Padre Island

Project: Sabine Pass

Date: 9 / 01 / 03

Load #	313	Start	0243	End	0405	Dump	0427
Load #	314	Start	0457	End	0640	Dump	0712
Load #	315	Start	0738	End	0920	Dump	0945

Location (lat/long, stations) Station 4 29°36.026'N / 93°48.34'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Heavy wind 20-30kts SE sea 2'-6', 80°F scattered thunderstorms Water Temp., Surface 32°c Below Mid-Depth 32°c

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

Note biological samples:	313	314	315
Port Draghead	clear	clear	clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	mud/debris	Mud/debris	mud/debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: S. Medford

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 09/01/03

Load #	316	Start	1015	End	1157	Dump	1210
Load #	317	Start	1313	End	1508	Dump	1515
Load #	318	Start	1533	End	1717	Dump	1740

Location (lat/long, stations) N 29°36.632', W 93°48.487' Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 5-8 kts Seas calm Heavy Rain 80°F

Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:

	316	317	318
Port Draghead	Clear	Net + Trash	Trash
Port Deflector	↓	Clear	Clear
Stbd Draghead	↓	Trash	Trash
Stbd Deflector	↓	Clear	Clear
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Port Skimmer cleaned after Load #316

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Patton + Seth Medford

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 09/01/03

Load # 319 Start 1825 End 2023 Dump 2039
Load # 320 Start 2054 End 2229 Dump 2252
Load # 321 Start 2308 End 0013 Dump 0025
Location (lat/long, stations) 29°36.63 N 93°48.47W Tide Stage
Weather (wind dir, beaufort, sea state, temp, etc.) SE 5-8 kts Seas 1-2' Partly cloudy 82°F
Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:	319	320	321
Port Draghead	Trash	Clean	Clear
Port Deflector	Clear	↓	↓
Stbd Draghead	Trash	↓	↓
Stbd Deflector	Clean	↓	↓
Port Inflow, Mid	Mud + Trash	Mud + Trash	mud / debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Peterson

Dredge: Padre Island

Project: Sabine Pass

Date: 9 / 02 / 03

Load # 322	Start 0110	End 0228	Dump 0242
Load # 323	Start 0258	End 0523	Dump 0542
Load # 324	Start 2033	End 2229	Dump 2235

Location (lat/long, stations) 29°36.773 N 93°48.706 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 5-10 Kts Seas 1-2' P/C 86°F

Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:	322	323	324
Port Draghead	net/line	clear	Clean
Port Deflector	clear	clear	
Stbd Draghead	net/trash	net/line	
Stbd Deflector	clear	clear	
Port Inflow, Mid	mud/debris	mud/debris	Mud & Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

0600 - in transit to tesoro fuel dock to take on fuel.
9/02/03 - cleaned 2 weirs & 4 screens, fixed screen on starboard Aft overflow

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Jim Patrick

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 09/02/03

Load # 325	Start 2245	End 0026	Dump 0043
Load # 326	Start 0107	End 0248	Dump 0303
Load # 327	Start 0319	End 0457	Dump 0504

Location (lat/long, stations) 29°36.75'N 93°48.71'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 5-8 kts SASFC P/C 80°F

Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:	325	326	327
Port Draghead	net/rubber	clear	clear
Port Deflector	clear	↓	clear
Stbd Draghead	clear		net/hose
Stbd Deflector	clear		clear
Port Inflow, Mid	mud/debris	mud/debris	mud/debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Patton

059 655

Dredge: Padre Island

Project: Sabine Pass

Date: 09/03/03

Load #	328	Start	0519	End	0655	Dump	0700
Load #	329	Start	0733	End	0923	Dump	0935
Load #	330	Start	0953	End	1100	Dump	1120

Location (lat/long, stations) Station 4 29°36.75'N / 93°48.71'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) calm seas light air, 90°F clear skies

Water Temp., Surface 33°F Below Mid-Depth 32°F

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

Note biological samples:	328	329	330
Port Draghead	clear	clear	net/line
Port Deflector	↓	↓	clear
Stbd Draghead			clear
Stbd Deflector			clear
Port Inflow, Mid	mud/debris	mud/debris	mud/debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	6	1115 - 2 bow riding other 4 swimming in channel

Observer(s) On Duty: S. Medford

Dredge: Padre Island

Project: Sabine Pass

Date: 9/3/03

Load #	331	Start	1208	End	1345	Dump	1412
Load #	332	Start	1421	End	1555	Dump	1614
Load #	333	Start	1631	End	1805	Dump	1830

Location (lat/long, stations) 29°34.365'N 93°48.359'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 5-8/GS Seas calm 90°F Sunny

Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:

	331	332	333
Port Draghead	Clean	Clean	Nets
Port Deflector			Clean
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Trash
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Peters

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 09/03/03

Load # 334 Start 1846 End 2045 Dump 2109
Load # 335 Start 2125 End 2321 Dump 2337
Load # 336 Start 2350 End 0123 Dump 0142

Location (lat/long, stations) 29°38.037'N, 93°48.202'W Tide Stage 2.15

Weather (wind dir, beaufort, sea state, temp, etc.) SE 5-8 kts SEAS CALM P/C 85°F

Water Temp., Surface 32°C Below Mid-Depth 31°C

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

	334	335	336
Port Draghead	Clear	TRASH	line/net
Port Deflector	↓	Clear	clear
Stbd Draghead		Nets	line/net
Stbd Deflector		Clear	clear
Port Inflow, Mid	Muck TRASH	Muck TRASH	mud/debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Petrano

Dredge: Padre Island

Project: Sabine Pass

Date: 9 / 4 / 03

Load # 337	Start 0202	End 0320	Dump 0339	
Load # 338	Start 0402	End 0534	Dump 0552	
Load # 339	Start 0612	End 0756	Dump 0824	

Location (lat/long, stations) Station 4 area 6 29° 34.365'N / 93° 48.359'W Tide Stage 2.63'

Weather (wind dir, beaufort, sea state, temp, etc.) calm seas, light air 90°F clear skies

Water Temp., Surface 32°C Below Mid-Depth 32°C

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

Note biological samples:	337	338	339
Port Draghead	clear	net / line	clear
Port Deflector		clear	clear
Stbd Draghead		clear	net / Rubber / line
Stbd Deflector		clear	clear
Port Inflow, Mid	mud / debris	mud / debris	mud / debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	2	0800 feeding in channel

Observer(s) On Duty: S. Medford

Dredge: Padre Island

Project: Sabine Pass

Date: 09 / 04 / 03

Load #	340	Start	0852	End	1031	Dump	1050
Load #	341	Start	1114	End	1243	Dump	1305
Load #	342	Start	1326	End	1513	Dump	1521

Location (lat/long, stations) 29°35.826'N, 93°48.199'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE winds Sunscalin 90°F P/C

Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:	340	341	342
Port Draghead	Clear	Clear	Nets & TRASH
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	Mud & Debris	Mud & Debris	Mud & Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

- 1100 - cleaned debris from Stbd. Aft screen
- 1310 - " " " Port Aft "

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Fatkins & Seth Medford

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 09/04/03

Load #	343	Start	1539	End	1658	Dump	1708
Load #	344	Start	724	End	1922	Dump	1933
Load #	345	Start	2004	End	2149	Dump	2206

Location (lat/long, stations) 29°36.821'N, 93°48.644'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE winds 5-8Kts Seas calm 90°F P/C

Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:	343	344	345
Port Draghead	Large Nets	Clear	Clear
Port Deflector	Clear		
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Trash	Mud + TRASH	Mud + Trash
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Fitzwo

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 09/04/03 – 9/5/03

Load #	346	Start	2226	End	0001	Dump	0024
Load #	347	Start	0046	End	0220	Dump	0240
Load #	348	Start	0303	End	0440	Dump	0459

Location (lat/long, stations) 29° 35.789 N 93° 48.191 'N Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) N 8-10 CLS Seas 1-2' Rain 72°F

Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:

	346	347	348
Port Draghead	clear	clear	clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	mud/debris	mud/debris	mud/debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: S. Medford & K. Peters

Dredge: Padre Estand

Project: Sabine PASS

Date: 9 / 5 / 03

Load #	349	Start	0520	End	0712	Dump	0735
Load #	350	Start	0802	End	0939	Dump	1036
Load #	351	Start	1046	End	1212	Dump	1226

Location (lat/long, stations) Stn 4 29°35.784'N / 93°48.191 W Tide Stage 2.62

Weather (wind dir, beaufort, sea state, temp, etc.) Beau: 2 wind E: 5-10kts sea: 1'-2', 80°F

Water Temp., Surface 32°c Below Mid-Depth 32°c

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

Note biological samples:	349	350	351
Port Draghead	clear	clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	mud/debris	mud/debris	Mud & Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Load 350 - cleaned End Port & both starboard inflows - cleaned starboard & port skimmers - SM

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: S. Medford & Kim Peters

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 09/05/03

Load #	352	Start	1248	End	1416	Dump	1429
Load #	353	Start	1451	End	1732	Dump	1753
Load #	354	Start	1815	End	2101	Dump	2126

Location (lat/long, stations) 29°36.674'N, 93°48.511'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) N8-10 Kts Sea 1-2' P/C 85°F

Water Temp., Surface 32°C Below Mid-Depth 32°C

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

Note biological samples:

	352	353	354
Port Draghead	Nets	Trash	Clear
Port Deflector	Clear	Clear	
Stbd Draghead	Nets + lines		
Stbd Deflector	Clear		
Port Inflow, Mid	Mud + TRASH	Mud + Trash	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Box Doors still opening under pressure after loads

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Fatas

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 09/05/03 - 9/6/03

Load #	~~356~~ 355	Start	2147	End	2344	Dump	2355
Load #	~~357~~ 356	Start	0013	End	0243	Dump	0300
Load #	~~358~~ 357	Start	0322	End	0531	Dump	0555

Location (lat/long, stations) 29°36.70'N 93°48.86'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) N 10-12 kts Seas 1-2' Clear 72°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	356	357	358
Port Draghead	Trash + Nets	net	Clear
Port Deflector	Clear	clear	clear
Stbd Draghead	Trash Nets	clear	net line
Stbd Deflector	Clear	clear	clear
Port Inflow, Mid	Mud + TRASH	mud/debris	mud/debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Fulton

Dredge: Padre Island

Project: Sabine

Date: 9 / 6 / 03

Load #	358	Start	0616	End	0859	Dump	0918
Load #	~~360~~ 359	Start	0939	End	1158	Dump	1211
Load #	361–360	Start	1222	End	1434	Dump	1449

Location (lat/long, stations) 29°36.70'N / 93°48.36'W station 4 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) calm seas - light airs, 85°F, 20% cloud cover

Water Temp., Surface 32°C Below Mid-Depth 32°C

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

Note biological samples:	358	~~360~~ 359	360
Port Draghead	clear	Clear	Trash + Nets
Port Deflector	clear	↓	Clear
Stbd Draghead	clear		Trash + Nets
Stbd Deflector	clear	↓	Clear
Port Inflow, Mid	mud/debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

load 359 - cleared debris from stbd - Aft inflow - SM

Stb Box door gears not working to fully close box

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: S Medford + Kim Patras

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 09/06/03

Load #	361	Start	1511	End	1722	Dump	1733
Load #	362	Start	1800	End	2028	Dump	2042
Load #	363	Start	2105	End	2331	Dump	2345

Location (lat/long, stations) 29°36.572'N, 93°48.624'W Tide Stage 0.96

Weather (wind dir, beaufort, sea state, temp, etc.) NE 8-10 kts Sev 1-2' Sunny 88°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

	361	362	363
Port Draghead	Clean	Clean	Clear
Port Deflector	"	↓	↓
Stbd Draghead	Trash		
Stbd Deflector	Clean		
Port Inflow, Mid	Mud + TRASH	Trash + Mud	Mud + Trash
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Stars

Dredge: PAPPE ISLAND
Project: SABINE PASS
Date: 09/07/03

Load # 364	Start 2355	End 0155	Dump 0206
Load # 365	Start 0352	End 0555	Dump 0610
Load # 366	Start 0624	End 0941	Dump 0857

Location (lat/long, stations) 29°32.572'N / 93°48.624'W - Stationy Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Beau 2 wind w 5-10kts, sea 1-2' - 80°F

Water Temp., Surface 32°C Below Mid-Depth 32°C

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

Note biological samples:

	364	365	366
Port Draghead	clear	clear	net/line
Port Deflector	clear	clear	clear
Stbd Draghead	net	net/line	clear
Stbd Deflector	clear	clear	clear
Port Inflow, Mid	mud/debris	mud/debris	mud/debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: S Medford

Dredge: Padre Istand
Project: Sabine Pass
Date: 9 / 07 / 03

Load # 367	Start 0915	End 1050	Dump 1105
Load # 368	Start 1037	End 1251	Dump 1306
Load # 369	Start 1339	End 1509	Dump 1539

Location (lat/long, stations) Station # 29°36.572'N / 93°48.624'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) calm seas, light air, 80°F

Water Temp., Surface 30°c Below Mid-Depth 30°c

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

Note biological samples:	367	368	369
Port Draghead	clear	Trash	Lines + Nets
Port Deflector	clear	Clear	Clear
Stbd Draghead	net line	Nets + Trash	↓
Stbd Deflector	clear	Clear	↓
Port Inflow, Mid	mud/debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: S. Mitford + Kim Parker

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 09/07/03

Load #	370	Start	1536	End	1713	Dump	1727
Load #	371	Start	1745	End	1905	Dump	1912
Load #	372	Start	1931	End	2059	Dump	2115

Location (lat/long, stations) 29° 36.578N, 93° 48.514 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Calm winds ~~[illegible]~~, Sunny, 88°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	370	371	372
Port Draghead	Clean	Clean	Trash
Port Deflector			Clean
Stbd Draghead			Trash + lines
Stbd Deflector			Clean
Port Inflow, Mid	Mud + TRASH	Mud + Trash	Mud + Trash
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Patapes

Dredge: PADRE ISLAND
Project: SABINE PASS
Date: 09/07/03 - 9/08/03

Load # 373 Start 2135 End 2314 Dump 2323
Load # 374 Start 2345 End 0129 Dump 0145
Load # 375 Start 0201 End 0358 Dump 0411
Location (lat/long, stations) 29°36.666'N, 93°48.672'W Tide Stage
Weather (wind dir, beaufort, sea state, temp, etc.) winds calm, seas calm, clear, 68°F
Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	373	374	375
Port Draghead	Nets + Trash	clear	clear
Port Deflector	Clear	↓	↓
Stbd Draghead	TRASH	↓	↓
Stbd Deflector	Clear	↓	↓
Port Inflow, Mid	Mud + Debris	mud/debris	mud/debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim [illegible]

Dredge: Padre Island

Project: Sabine

Date: 9 / 08 / 03

Load # 376	Start 0426	End 0557	Dump 0611
Load # 377	Start 0625	End 0749	Dump 0801
Load # 378	Start 0820	End 0940	Dump 0952

Location (lat/long, stations) Station 4 29°36.66'N / 93°48.672'W Tide Stage 2.75

Weather (wind dir, beaufort, sea state, temp, etc.) calm seas, light airs, 80°F, clear sky

Water Temp., Surface 30°c Below Mid-Depth 30°c

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

Note biological samples:	376	377	378
Port Draghead	clear	clear	clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	mud/debris	mud/debris	mud/debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: S. Medford + Kim Peters

Dredge: Padre Island

Project: Sabine, TX

Date: 9/08/03

Load #	379	Start	0958	End	1145	Dump	1152
Load #	380	Start	1201	End	1340	Dump	1353
Load #	381	Start	1414	End	1523	Dump	1534

* Location (lat/long, stations) 29°37.557'N, 93°48.917'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE Calm Air, Sea <1, 89°F Mostly Sunny

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	379	380	381
Port Draghead	Clear	Clear	Clear
Port Deflector	Clear	Clear	↓
Stbd Draghead	Clear	Large Net	↓
Stbd Deflector	Clear	Clear	↓
Port Inflow, Mid	Mud/debris	Mucky Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Aft Boxes Cleaned after Dump # 379

* New Dig AREA Sect 8 - 29°38.231'N, 93°49.298'W

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Sash Medford

Dredge: PADRE ISLAND
Project: SABINE TEXAS
Date: 09 / 08 / 03

Load # 382 Start 1558 End 1655 Dump 1711
Load # 383 Start 1736 End 1840 Dump 1901
* Load # 384 Start 1920 End 2022 / 2055 Dump 2102
Location (lat/long, stations) 29°38.138'N, 93°49.360'W Tide Stage 2.64
Weather (wind dir, beaufort, sea state, temp, etc.) NE Winds 5 < 5 kts, Seas < 1', Mostly Sunny
90°F Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	382	383	384
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

* 2029 Change back to section #6 further out from section #8 - same load #384

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Porter

Dredge: PADRE ISLAND
Project: SABINE PASS, TX
Date: 09 / 08 / 03 - 9/09/03

Load #	385	Start	2116	End	2254	Dump	2305
Load #	386	Start	2325	End	0048	Dump	0109
Load #	387	Start	0128	End	0219	Dump	0231

Location (lat/long, stations) 29°36.661N, 93°48.660W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE <5 KTS, SEAS<1, Clear, 75°F

Water Temp., Surface 31 °C Below Mid-Depth 31°C

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

Note biological samples:	385	386	387
Port Draghead	Clear	clear	clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Debris	mud/debris	mud/debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

BACK to SECTION 8 on load # 386

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Peters

Dredge: Padre Island

Project: Sabine, TX

Date: 9 / 9 / 03

Load # 388	Start 0258	End 0402	Dump 0420
Load # 389	Start 0442	End 0554	Dump 0612
Load # 390	Start 0634	End 0738	Dump 0757

Location (lat/long, stations) Stn 8 : 29° 37.557'N / 93° 48.917'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) calm seas / light airs, 80°F

Water Temp., Surface Below Mid-Depth

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

Note biological samples:	388	389	390
Port Draghead	clear	clear	clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	mud/debris	mud/debris	mud/debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty:

Dredge: Padre Island

Project: Sabine, TX

Date: 09/09/03

Load # 391	Start 0823	End 0930	Dump 0956	
Load # 392	Start 1001	End 1145	Dump 1150	
Load # 393	Start 1207	End 1305	Dump 1320	

Location (lat/long, stations) sth. 8 : 29°36.661'N/93°48.660'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Calm Seas, light airs, 80°F, clear skies

Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:

	391	392	393
Port Draghead	clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	Mud/debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Seth Mulford + Kim Patrick

Dredge: PADRE ISLAND
Project: SABINE TX
Date: 09/09/03

Load #	394	Start	1338	End	1440	Dump	1455
Load #	395	Start	1510	End	1613	Dump	1632
Load #	396	Start	1647	End	1805	Dump	1823

Location (lat/long, stations) 29°38.132'N, 93°49.230'W Tide Stage 3/9

Weather (wind dir, beaufort, sea state, temp, etc.) Calm easterly air, SEA light chop, 85°F, Clear

Section 8 Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	394	395	340
Port Draghead	Clear	Chain	Clear
Port Deflector	↓	Clear ↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Fatland

Dredge: PADRE ISLAND
Project: SABINE TX
Date: 09/09/03

Load #	397	Start	1842	End	1952	Dump	2014
Load #	398	Start	2029	End	2157	Dump	2222
Load #	399	Start	2240	End	0057	Dump	0120

Location (lat/long, stations) 29°38.287'N, 93°49.286'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) E wind 8-10 kts, SEAS <2', 89°F P/C

Water Temp., Surface 31°C Below Mid-Depth 31°C

Are there incidents involving endangered or protected species? YES NO

Note biological samples:	397	398	399
Port Draghead	Clear	Clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Trash	Mud + TRASH	Mud/debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Patrick

Dredge: Padre Island

Project: Sabine Pass

Date: 9 / 10 / 03

Load # 400 Start 0138 End 0300 Dump 0315

Load # 401 Start 0333 End 0503 Dump 0515

Load # 402 Start 0529 End 0659 Dump 0710

Location (lat/long, stations) station 8: 29°38.132'N / 93°49.280'W Tide Stage 2.65

Weather (wind dir, beaufort, sea state, temp, etc.) calm Seas, light airs, 80°F, no cloud cover Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	400	401	402
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	Mud/debris	Mud/debris	Mud/debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: S. Medford

Dredge: Padre Island

Project: Sabine Pass

Date: 09 / 10 / 03

Load # 403	Start 0726	End 0854	Dump 0910
Load # 404	Start 0925	End 1048	Dump 1103
Load # 405	Start 1328	End 1455	Dump 1507

Location (lat/long, stations) Sth 8 29°38.287'N/ 93° 48.286'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) E wind 5-10kts sea 1'-2', scattered t-storms

Water Temp., Surface 30°c Below Mid-Depth 30°c

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

Note biological samples:

Port Draghead	clear	clear	Clear
Port Deflector	clear	↓	↓
Stbd Draghead	net/line		
Stbd Deflector	clear		
Port Inflow, Mid	Mud/debris	mud/debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Cleaned Skimmers after load # 404

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Seth Medford + Kim Peters

Dredge: PADRE ISLAND
Project: SABINE PASS, TEXAS
Date: 09/10/03

Load #	406	Start	1533	End	1731	Dump	1746
Load #	407	Start	1808	End	1938	Dump	1957
Load #	408	Start	2015	End	2202	Dump	2214

Location (lat/long, stations) 29°38.182'N, 93°49.259'W Section 8 Tide Stage 3.1

Weather (wind dir, beaufort, sea state, temp, etc.) Wind Easterly 8-10Kts, Seas 2-3, 85°F Overcast w/ inter. Rain Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:

	406	407	408
Port Draghead	Clear	Clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Section 8 on Load # 406

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Petras

Dredge: PADRE ISLAND
Project: SABINE PASS TX
Date: 09/10/03 - 9/11/03

Load # 409	Start 2235	End 0019	Dump 0031
Load # 410	Start 0049	End 0249	Dump 0253
Load # 411	Start 0310	End 0445	Dump 0459

Location (lat/long, stations) 29°37.287'N, 93°48.256'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE winds 8-10 kts, Seas 1-2, Clear, Full moon 75

Water Temp., Surface 31°C Below Mid-Depth 30°C

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

Note biological samples:

	409	410	411
Port Draghead	clear	Clear	plastic
Port Deflector	clear	clear	clear
Stbd Draghead	net	lg. net/line	↓
Stbd Deflector	clear	clear	↓
Port Inflow, Mid	mud/debris	mud/debris	mud/debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Patton + Seth Medford

Dredge: Padre Island
Project: Sabine Pass
Date: 9 / 11 / 03

Load #	412	Start	0514	End	0715	Dump	0729
Load #	413	Start	0748	End	0938	Dump	0945
Load #	414	Start	1011	End	1203	Dump	1223

Location (lat/long, stations) 29° 37.337' N / 93° 48.236' W, station 8 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) B2 1-2' seas wind SE 5-10 kts, scattered t-storms

Water Temp., Surface 31°c Below Mid-Depth 30°c

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

Note biological samples:	412	413	414
Port Draghead	clear	clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	mud/debris	mud/debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):
cleaned both aft inflow screens on load 413-514

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T. truncatus	4	1020 - bow riding tanker at jetties

Observer(s) On Duty: Seth Mutford & Ken Tokyo

Dredge: PADRE ISLAND
Project: SABINE PASS, TX
Date: 09/11/03

Load #	415	Start	1255	End	1430	Dump	1453
Load #	416	Start	1515	End	1604	Dump	1620
Load #	417	Start	1637	End	1725	Dump	1750

Location (lat/long, stations) 29°38.616'N, 93°49.447'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 8-10KTS, SEAS<2', Partly cloudy, 83°F

Water Temp., Surface 31°C Below Mid-Depth 30°C

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

Note biological samples:

	415	416	417
Port Draghead	Clear	Clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Fitzpatrick

Dredge: PADRE ISLAND
Project: SABINE PASS, TX
Date: 09/11/03

Load #	418	Start	1758	End	1940	Dump	1949
Load #	419	Start	2010	End	2143	Dump	2153
Load #	420	Start	2215	End	2340	Dump	2355

Location (lat/long, stations) 29°37.441'N, 93°48.194'W Tide Stage 3.45

Weather (wind dir, beaufort, sea state, temp, etc.) SE 10-12 kts, SEAS <3', Partly cloudy, 85°F Heavy Storms Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	418	419	420
Port Draghead	Clean	Clean	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud/debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Peters

Dredge: Padre Island

Project: Salinas Pass

Date: 9 / 12 / 03

Load # 421	Start 0022	End 0109	Dump 0126
Load # 422	Start 0148	End 0236	Dump 0255
Load # 423	Start 0313	End 0400	Dump 0418

Location (lat/long, stations) Stations 29°38.616'N/93°48.447'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) scattered t-storms 10-15 kt wind SSE 1-3 seas 80°F

Water Temp., Surface 31°C Below Mid-Depth 30°C

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

Note biological samples:

	421	422	423
Port Draghead	clear	clear	clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	mud/debris	mud/debris	mud/debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
0		

Observer(s) On Duty: S. Medford

Dredge: Padre Island
Project: Sabine Pass
Date: 9 / 12 / 03

Load # 424	Start 0443	End 0541	Dump 0600
Load # 425	Start 0623	End 0850	Dump 0919
Load # 426	Start 0943	End 1141	Dump 1157

Location (lat/long, stations) Station 8 29°38.616'N | 93°48.447'W Tide Stage 3.73

Weather (wind dir, beaufort, sea state, temp, etc.) B3 wind SE 10-15kts sea 2'-4', 80°F

Water Temp., Surface 32°C Below Mid-Depth 31°C

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

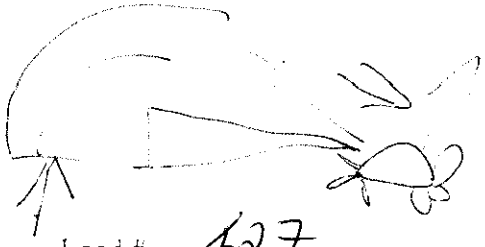
Note biological samples:	424	425	426
Port Draghead	net	Clear	Clear
Port Deflector	clear		
Stbd Draghead	clear		
Stbd Deflector	clear		
Port Inflow, Mid	mud/debris	Mud + Debris	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: S. Medford + Kim Pritchard



Dredge: PADRE ISLAND
Project: SABINE PASS, TX
Date: 09/12/03

Load #	427	Start	1217	End	1350	Dump	1406
Load #	428	Start	1428	End	1615	Dump	1625
Load #	429	Start	1640	End	1819	Dump	1829

Location (lat/long, stations) 29°37.123'N, 93°48.896'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 8-12 KTS, SEAS < 4', 85°F, overcast with RAIN Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	427	428	429
Port Draghead	Clean	TRASH	TRASH
Port Deflector		Clean	
Stbd Draghead		TRASH	TRASH
Stbd Deflector		Clean	
Port Inflow, ~~Mid~~ FOR	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, ~~Mid~~ FOR			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Boxes

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Rotan

Dredge: PADRE ISLAND
Project: SABINE PASS, TX
Date: 09 / 12 / 03

Load #	430	Start	1844	End	2036	Dump	2045
Load #	431	Start	2102	End	2251	Dump	2306
Load #	432	Start	2316	End	0046	Dump	0055

Location (lat/long, stations) 29° 37.124' N, 93° 48.816' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 8-12 kts, SAS<3, 78°F, Cloudy

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	430	431	432
Port Draghead	Clear	Clear	Clear
Port Deflector			Clear
Stbd Draghead			trash
Stbd Deflector			Clear
Port Inflow, Mid	Mud + TRASH	Mud + Debris	Mud & Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Foland

Dredge: Padre Estard

Project: Sabine Pass, TX

Date: 09/13/03

Load #	433	Start	0112	End	0239	Dump	0249
Load #	434	Start	0304	End	0426	Dump	0439
Load #	435	Start	0454	End	0635	Dump	0647

Location (lat/long, stations) 29° 36.711 N 93° 48.688 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SW 5-8 Beas<3 78°F-90°F Sunny

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	433	434	435
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	Clear
Stbd Draghead	↓	↓	Mud
Stbd Deflector	↓	↓	Clear
Port Inflow, Mid	Mud & Debris	Mud & debris	Mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markesteyn

Dredge: Padre Island
Project: Sabine Pass, TX
Date: 09/13/03

Load # 436	Start 0703	End 0847	Dump 0900
Load # 437	Start 0919	End 1104	Dump 1118
Load # 438	Start 1144	End 1344	Dump 1402

Location (lat/long, stations) 29°38.543'N, 93°49.409'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SW 5-8 kts, Seas 2', 89°F, Mostly Sunny Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	436	437	438
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead	trash		
Stbd Deflector	Clear		
Port Inflow, Mid	Mud & debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

- Markelstein cleaned 1/2 port aft box of debris/nets & stbd skimmer after load #437

- Port skimmer cleaned after load # 438 KP

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Pattars

Dredge: PADRE ISLAND
Project: SABINE PASS TX
Date: 09 / 13 / 03

Load #	439	Start	1423	End	1516	Dump	1537
Load #	440	Start	1550	End	1638	Dump	1658
Load #	441	Start	1713	End	1810	Dump	1830

Location (lat/long, stations) 29°38.015'N, 93°49.155' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SW 5 8 KTS, Seas calm 92°F Mostly Sunny W/ clouds Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	439	440	441
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	Mud + Small Trash	Mud + Debris	Mud
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Inflow Screening 100%

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Patton

Dredge: PADRE ISLAND

Project: SABINE PASS, TX

Date: 09 / 13 / 03

Load # 442 Start 1845 End 1950 Dump 2005

Load # 443 Start 2020 End 2138 Dump 2143

Load # 444 Start 2208 End 2318 Dump 2334

Location (lat/long, stations) 29°38.100'N, 93°49.330'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SW 5-8 KTS, SEAS<2', Sunny, 90°F

Water Temp., Surface 32°C Below Mid-Depth 31°C

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

Note biological samples:

	439	440	441
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Silt	Mud + Silt	Mud + Silt
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow	✓	✓	✓
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Pottapp

Dredge: Padre Island

Project: Sabine Pass, TX

Date: 09 / 14 / 03

Load # 445	Start 2353	End 0042	Dump 0057
Load # 446	Start 0115	End 0210	Dump 0225
Load # 447	Start 0244	End 0335	Dump 0349

Location (lat/long, stations) 29° 38.286 N 93° 49.264 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NW 5-8 kts, Seas<2 80°F, Clear skies

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	445	446	447
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	mud/silt	mud/silt	mud/silt
Port Inflow, Aft	↓		↓
Stbd Inflow, Mid	↓		↓
Stbd Inflow, Aft	↓		↓
Port Overflow	↓	mud/some debris	mud & debris
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markelstyn

Dredge: Padre Island
Project: Sabine Pass, TX
Date: 09/14/03

Load #	448	Start	0408	End	0506	Dump	0524
Load #	449	Start	0542	End	0643	Dump	0701
Load #	450	Start	0722	End	0955	Dump	1007

Location (lat/long, stations) 29°37.979N 93°49.277W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 5-10kts, Seas<2' 80°F, clear skies

Water Temp., Surface 31°C Below Mid-Depth 32

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

Note biological samples:	448	449	450
Port Draghead	clear	clear	clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	mud & some debris	mud & some debris	mud & some debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):
Markesteyn cleaned port skimmer of nets/lines/debris @ 1000 hrs.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markesteyn

Dredge: Padre Island
Project: Sabine Pass, TX
Date: 09 / 14 / 03

Load #	451	Start	1026	End	1248	Dump	1300
Load #	452	Start	1316	End	1505	Dump	1515
Load #	453	Start	1540	End	1724	Dump	1739

Location (lat/long, stations) 29° 37.277 N 93° 48.929 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NW wind 5-10 kts, Sea < 3, 85°F Sunny

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	451	452	453
Port Draghead	TRASH	Clean	Clean
Port Deflector	Clean		
Stbd Draghead	Large Nets		
Stbd Deflector	Clean		
Port Inflow, Mid	Mud & Silt	Mud + Silt	Mud + Silt
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

STB Skimmer cleaned after load # 452 KP

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Pitars

Dredge: PADRE ISLAND

Project: SABINE PASS, TX

Date: 09/14/03

Load # 454	Start 1755	End 2029	Dump 2045
Load # 455	Start 2101	End 2345	Dump 0000
Load # 456	Start 0013	End 0204	Dump 0216

Location (lat/long, stations) 29°36.765'N, 93°48.554'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NW 5-8 kts Seas < 2' 85°F Cloudy

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	454	455	456
Port Draghead	Clear	clear	clear
Port Deflector	↓	↓	↓
Stbd Draghead			some trash
Stbd Deflector			clear
Port Inflow, Mid	Mud + Some Trash	mud & some debris	mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
∅		

Observer(s) On Duty: Kim Parsons & Emily Markostegyn

Dredge: PADRE ISLAND
Project: SABINE PASS TX
Date: 09/14/03

Load # 457 Start 0230 End 0427 Dump 0439
Load # 458 Start 0457 End 0727 Dump 0736
Load # 459 Start 0833 End 0931 Dump 0950

Location (lat/long, stations) 29°36.678N 93°48.676W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 80°F, partly cloudy, NE 14-16 kts. Seas ~2'

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	457	458	459
Port Draghead	Clear	Clear	clear
Port Deflector	Clear	clear	↓
Stbd Draghead	trash	some debris	↓
Stbd Deflector	Clear	clear	↓
Port Inflow, Mid	mud & debris	mud & debris	mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):
Markestleyn cleaned Starboard skimmer @ 0945 hrs. of debris (nets & rags).

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Patapas & Emily Markestleyn

Dredge: Padre Island

Project: Sabine Pass, TX

Date: 09/15/03

Load # 460 Start 1015 End 1146 Dump 1203

Load # 461 Start 1225 End 1349 Dump 1417

Load # 462 Start 1450 End 1608 Dump 1626

Location (lat/long, stations) 29° 38.003 N 93° 49.139 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 18-21 kts., seas ~10', 90°F partly cloudy Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	460	461	462
Port Draghead	Trash	Trash	Clear
Port Deflector	Clear	Clear	↓
Stbd Draghead	Nets	↓	↓
Stbd Deflector	Clear	↓	↓
Port Inflow, Mid	Mud + trash	Mud + Silt	Mud + Silt
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Port Draghead cleaned of Debris + Trash

KP

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Peters

Dredge: PADRE ISLAND
Project: SABINE PASS TX
Date: 09 / 15 / 03

Load # 463 Start 1639 End 1756 Dump 1815
Load # 464 Start 1836 End 2005 Dump 2015
Load # 465 Start 2035 End 2155 Dump 2215
Location (lat/long, stations) 29°38.363'N 93°49.424'W Tide Stage 2.81
Weather (wind dir, beaufort, sea state, temp, etc.) NE 5-10 kts, SEAS 2-3' 85°F Sunny
Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	463	464	465
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead			
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	Mud + Silt	Mud + Silt	Mud + Silt
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Patyo

Dredge: PADRE ISLAND
Project: SABINE PASS TX
Date: 09 / 15 / 03

Load # 466 Start 2229 End 0054 Dump 0104
Load # 467 Start 0121 End 0327 Dump 0337
Load # 468 Start 0355 End 0555 Dump 0606

Location (lat/long, stations) 29°36.749 N 93°48.704 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) ESE ~30kts. 80°F clear skies
Seas 4-5' Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	466	467	468
Port Draghead	clear	clear	clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	mud & debris	mud & debris	mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markestayn

Dredge: Padre Island

Project: Sabine Pass, TX

Date: 09/16/03

Load # 469	Start 0626	End 0757	Dump 0813	
Load # 470	Start 0832	End 0955	Dump 1009	
Load # 471	Start 1027	End 1244	Dump 1304	

Location (lat/long, stations) 29°37.833'N, 93°49.033'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 10-15 kts, SEAS 3-4', Sunny 85°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	469	470	471
Port Draghead	Some debris	clear	Trash
Port Deflector	clear	↓	Clear
Stbd Draghead	Some debris		Large Net
Stbd Deflector	clear		Clear
Port Inflow, Mid	mud & debris	mud & debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):
Markesteyn cleaned Starboard skimmer of debris at 1015hrs.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markesteyn + Kim Patars

Dredge: PADRE ISLAND
Project: SABINE PASS TX
Date: 09/16/03

Load # 472	Start 1316	End 1516	Dump 1535
Load # 473	Start 1626	End 1758	Dump 1810
Load # 474	Start 1830	End 2037	Dump 2050

Location (lat/long, stations) 29°37.515'N, 93°49.062'W Tide Stage 2.24

Weather (wind dir, beaufort, sea state, temp, etc.) SE 10-15 Kts, Seas 3-4' Sunny 85°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	472	473	474
Port Draghead	Clear	Trash	Clear
Port Deflector		Clear	
Stbd Draghead		Trash	
Stbd Deflector		Clear	
Port Inflow, Mid	Mud + Silt	Mud + Silt	Mud + Silt
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

KP - Port skimmers cleaned after load # 472

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Ribero

Dredge: PADRE ISLAND
Project: SABINE PASS, TX
Date: 09/16/03

Load # 475	Start 2105	End 2333	Dump 2345
Load # 476	Start 0001	End 0233	Dump 0245
Load # 477	Start 0310	End 0533	Dump 0545

Location (lat/long, stations) 29°37.267'N, 93°48.959'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 8-10 kts, Seas 3', Clear, 78°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	475	476	477
Port Draghead	Clear	Some debris	Some debris
Port Deflector	↓	Clear	Clear
Stbd Draghead		Clear	Some debris
Stbd Deflector	↓	Clear	Clear
Port Inflow, Mid	Mud + Silt	mud & some debris	mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow	↓	↓	↓
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Pojars & Emily Markesteyn

Dredge: Padre Island
Project: Sabine Pass, TX
Date: 09/17/03

Load # 478	Start 0602	End 0842	Dump 0854	
Load # 479	Start 0908	End 1152	Dump 1206	
Load # 480	Start 1228	End 1432	Dump 1450	

Location (lat/long, stations) 29° 38.058 N 93° 49.331 W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) E 18-20 kts. 80°F clear skies

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	478	479	480
Port Draghead	debris (net)	clean	Clear
Port Deflector	Clear	Clean	↓
Stbd Draghead	Clear	Fish tail	↓
Stbd Deflector	Clear	Clear	↓
Port Inflow, Mid	mud & debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	small amt. debris	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markesteyn + KP

Dredge: PADRE ISLAND
Project: SABINE PASS, TX
Date: 09/17/03

Load # 481 Start 1228 End 1432 Dump 1450
Load # 482 Start 1502 End 1717 Dump 1730
Load # 483 Start 1750 End 1945 Dump 2003

Location (lat/long, stations) 29°36.682'N, 93°48.547'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE/10-15KTS, SEAS 2-3, 86°F SUNNY

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	481	482	483
Port Draghead	Clear	Clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Silt	Mud + Silt	Mud + Silt trace
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

after #481 - Port Skimmer Cleaned - KP @ 1450

Port Drag arm down from 1502 - 1530

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Patapo

Dredge: Padre Island

Project: Sabine Pass, TX

Date: 09/18/03

Load # 484	Start 2251	End 0058	Dump 0110
Load # 485	Start 0129	End 0401	Dump 0415
Load # 486	Start 0430	End 0719	Dump 0735

Location (lat/long, stations) 29° 38.331' N 93° 49.339' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 10-15 kts. seas 2-3' 85°F clear

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	484	485	486
Port Draghead	clear	some debris	clear
Port Deflector	clear	clear	↓
Stbd Draghead	trash/net	some debris	↓
Stbd Deflector	clear	clear	↓
Port Inflow, Mid	mud & debris	mud & debris	mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):
Markesteyn cleaned Starboard skimmer of debris @ 0800 hrs.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markesteyn

Dredge: Padre Island

Project: Sabine Pass, TX

Date: 09/18/03

Load # 487	Start 0753	End 0916	Dump 0928
Load # 488	Start 0944	End 1109	Dump 1120
Load # 489	Start 1138	End 1253	Dump 1310

Location (lat/long, stations) 29°37.439'N 93°49.055'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 18-20 kts. 89°C partly cloudy

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	487	488	489
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	mud & debris	mud & debris	Mud + debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

STB skimmer cleaned

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markesteyn & Kim Peters

Dredge: PADRE ISLAND
Project: SABINE PASS, TX
Date: 09/18/03

Load # 490	Start 1324	End 1533	Dump 1548	
Load # 491	Start 1603	End 1806	Dump 1825	
Load # 492	Start 1837	End 2102	Dump 2112	

Location (lat/long, stations) 29°36.760'N, 93°48.724'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE, 10-12 kts, Seas <3', Overcast 89°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	490	491	492
Port Draghead	Ropes + Trash	Nets	Clear
Port Deflector	Clear	Clear	↓
Stbd Draghead	Nets + Trash	Nets	↓
Stbd Deflector	Clear	Clear	↓
Port Inflow, Mid	Mud + Trash	Mud + Trash	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kim Peters

Dredge: PADRE ISLAND
Project: SABINE PASS, TX
Date: 09/18/03

Load # 493	Start 2132	End 2257	Dump 2310
Load # 494	Start 2328	End 0207	Dump 0219
Load # 495	Start 0239	End 0458	Dump 0509

Location (lat/long, stations) 29° 38.186'N, 93°49.217'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE wind 10-15 kts, seas <3 85°F Overcast

Water Temp., Surface 31°C Below Mid-Depth 31°C

Are there incidents involving endangered or protected species? YES **NO** 495

Note biological samples:

	493	494	495
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	Clear	↓
Stbd Draghead	↓	debris	↓
Stbd Deflector	↓	Clear	↓
Port Inflow, Mid	Mud + Debris	mud & debris	mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Fostars & Emily M.

Dredge: Padre Island

Project: Sabine Pass, TX

Date: 09/19/03

Load #	496	Start	0526	End	0655	Dump	0706
Load #	497	Start	0726	End	0851	Dump	0905
Load #	498	Start	0925	End	1044	Dump	1054

Location (lat/long, stations) 29° 37.522'N 93° 49.110'N Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 15 kts 80°F Clear Skies

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	496	497	498
Port Draghead	Clear	clear	clear
Port Deflector	↓	↓	clear
Stbd Draghead			debris
Stbd Deflector			clear
Port Inflow, Mid	mud & debris	mud & debris	mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Emm cleaned Port Skimmer of debris @ 0900 hrs.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markelstyn

98
104
116

Dredge: Padre Island
Project: Sabine Pass, TX
Date: 09/19/03

Load # 499	Start 1114	End 1324	Dump 1344	
Load # 500	Start 1359	End 1644	Dump 1655	
Load # 501	Start 1714	End 1857	Dump 1908	

Location (lat/long, stations) 29°36.879'N 93°48.735'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 86°F, E ~23 kts. Clear Skies

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	499	500	501
Port Draghead	Trash	Clear	Trash
Port Deflector	Clear		Clear
Stbd Draghead	Tire Swing		Trash
Stbd Deflector	Clear		Clear
Port Inflow, Mid	Mud + Debris	Mud + Silt + trash	Mud + Trash
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markesteyn + K. Peters

Dredge: PADRE ISLAND
Project: SABINE PASS, TX
Date: 09/19/03

Load #	502	Start	1904	End	2054	Dump	2105
Load #	503	Start	2120	End	2252	Dump	2305
Load #	504	Start	2318	End	0136	Dump	0148

Location (lat/long, stations) 29° 36.647'N 93°48.549'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) SE 10-12 kts Seas<2' P/C 86°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	502	503	504
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	Clear
Stbd Draghead			debris
Stbd Deflector			Clear
Port Inflow, Mid	Mud + trash	Mud + TRASH	mud & debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			↓
Port Overflow			
Stbd Overflow	↓	↓	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Pattard

Dredge: PADRE ISLAND
Project: SABINE PASS, TX
Date: 09/19/03

Load # 505	Start 0204	End 0425	Dump 0437
Load # 506	Start 0455	End 0632	Dump 0644
Load # 507	Start 0707	End 0837	Dump 0852

Location (lat/long, stations) _____ Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) _____

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	505	506	507
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	Clear	↓
Stbd Draghead		~~Clear~~ trash	
Stbd Deflector		Clear	
Port Inflow, Mid	mud & debris	mud & debris	mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);
EM cleaned starboard skimmer @ 0900 hrs.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markelstein

Dredge: Padre Island

Project: Sabine Pass, TX

Date: 09/20/03

Load #	508	Start	0909	End	1030	Dump	1044
Load #	509	Start	1100	End	1251	Dump	1313
Load #	510	Start	1329	End	1519	Dump	1534

Location (lat/long, stations) N 29° 38.045' N 93° 49.332' Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 80°F Cloudy E 19kts.

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	508	509	510
Port Draghead	Clear	Rope + Nets	
Port Deflector		Clear	
Stbd Draghead		Clear	
Stbd Deflector		Clear	
Port Inflow, Mid	Mud & debris	Much Debris	
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Staboard draghead not working from 0900-1000hrs.

Port Skimmer Cleaned @ 1520-1600

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Emily Markestejn KP

Dredge: PADRE ISLAND
Project: SABINE PASS, TX
Date: 09/20/03

Load # 511 Start 1545 End 1751 Dump 1808
Load # 512 Start 1822 End 2009 Dump 2020
Load # 513 Start 2042 End 2218 Dump 2230
Location (lat/long, stations) 29°38.213'N 93°49.248'W Tide Stage
Weather (wind dir, beaufort, sea state, temp, etc.) E/15-20 kts Seas 4', Overcast 88°F
Water Temp., Surface 81°F Below Mid-Depth 81°F

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

Note biological samples:

	511	512	513
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead			
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	Mud + Trash	Mud + Trash	Mud + Trash
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow	↓	↓	↓
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Pitard

Dredge: PADRE ~~ISLAND~~
Project: SABINE PASS, TX
Date: 09 / / 03

Load # 514	Start 2300	End 0047	Dump 0101
Load # 515	Start 0130	End 0309	Dump 0322
Load # 516	Start 0351	End 0537	Dump 0555

Location (lat/long, stations) 29°37.871'N 93°49.107'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) E wind 515 20/15 Seas 5-6', Rain 72°F

Water Temp., Surface 27°C Below Mid-Depth 27°C

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

Note biological samples:

	514	515	516
Port Draghead	clear	Clear	clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	Mud + Debris	Mud & debris	Mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markesteyn

Dredge: Padre Island
Project: Sabine Pass, TX
Date: 09/21/03

Load # 517	Start 0614	End 0754	Dump 0830
Load # 518	Start 0853	End 1231	Dump 1240
Load # 519	Start 1309	End 1501	Dump 1510

Location (lat/long, stations) 29°36.708'N, 93°48.663'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Overcast w/ rain, S'Ly wind 5-20-25 kts SIAS 3-4', 78°F Water Temp., Surface 27°C Below Mid-Depth 27°C

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

Note biological samples:	517	518	519
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud & debris	Mud + Debris	Mud + Debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markesteyn & Kim Peters

Dredge: PADRE ISLAND
Project: SABINE PASS TX
Date: 09 / 21 / 03

Load #	520	Start	1537	End	1730	Dump	1741
Load #	521	Start	1807	End	2010	Dump	2025
Load #	522	Start	2045	End	2239	Dump	2253

Location (lat/long, stations) 29°37.886'N, 93°49.249'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Overcast w/rain S-winds 15-20 kts seas <4' 78-80°F Water Temp., Surface 81°F Below Mid-Depth 81°F

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

Note biological samples:

	520	521	522
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

WINDS Gusting to 35 kts

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kimberly Peters

Dredge: PADRE ISLAND

Project: SABINE PASS, TX

Date: 09 / / 03

Load # 523	Start 2313	End 0108	Dump 0122
Load # 524	Start 0143	End 0303	Dump 0316
Load # 525	Start 0338	End 0522	Dump 0534

Location (lat/long, stations) _____ Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) Rainy E-15-20 KTS Seas <4' 72°F Gusts to 25 Water Temp., Surface 81°F Below Mid-Depth 81°F

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

Note biological samples:

	523	524	525
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud & debris	Mud & debris	Mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: KP + EM

Dredge: Padre Island

Project: Sabine Pass, TX

Date: 09/22/03

Load # 526	Start 0535	End 0744	Dump 0755
Load # 527	Start 0841	End 1003	Dump 1017
Load # 528	Start 1039	End 1234	Dump 1254

Location (lat/long, stations) N29° 37.699' W93° 49.003' Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, 74°F, NE~14kts.

Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	526	527	528
Port Draghead	Clear	Clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud & debris	mud & debris	Mud & Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: CM + KP

Dredge: PADRE ISLAND
Project: SABINE PASS TX
Date: 09 / 22 / 03

Load # 529	Start 1324	End 1557	Dump 1611	
Load # 530	Start 1631	End 1857	Dump 1912	
Load # 531	Start 1926	End 2113	Dump 2128	

Location (lat/long, stations) 29°38.026'N, 93°49.304'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) ENE 5-10 Kts - Seas <1' P/C 82°F

Water Temp., Surface 81°F Below Mid-Depth 81°F

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

Note biological samples:

	529	530	531
Port Draghead	Clear	Trash	Clear
Port Deflector	↓	Clear	↓
Stbd Draghead		Trash	
Stbd Deflector	↓	Clear	↓
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Trash
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow	↓	↓	↓
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kimberly Potter

Dredge: PADRE ISLAND
Project: SAB INFO PAD TX
Date: 09/22/03

Load # 532	Start 2135	End 2344	Dump 2357
Load # 533	Start 0013	End 0158	Dump 0211
Load # 534	Start 0232	End 0409	Dump 0421

Location (lat/long, stations) 29°38.024'N 93°49.303'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) ENE 5-10 kts Seas <1' PC 82°F

Water Temp., Surface 81°F Below Mid-Depth 81°F

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

Note biological samples:

Port Draghead	Clear	Clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud & debris	Mud & debris	Mud & debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Patapas & Emily Martesheyn

Dredge: Padre Island

Project: Sabine Pass, TX

Date: 09/23/03

Load #	535	Start	0440	End	0621	Dump	0634
Load #	536	Start	0654	End	0841	Dump	0854
Load #	537	Start	0909	End	1036	Dump	1049

Location (lat/long, stations) N 29° 37.459' W 93° 49.026' Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE ~ 14 kts. partly cloudy 74°F

Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	535	536	537
Port Draghead	some trash	clear	clear
Port Deflector	clear	clear	
Stbd Draghead	some trash	some trash	↓
Stbd Deflector	clear	clear	
Port Inflow, Mid	mud & debris	mud & debris	mud & debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow	↓	↓	↓
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markesteyn

Dredge: Padre Island

Project: Sabine Pass, TX

Date: 09/23/03

Load # 538	Start 1105	End 1238	Dump 1255	
Load # 539	Start 1313	End 1441	Dump 1511	
Load # 540	Start 1528	End 1727	Dump 1742	

Location (lat/long, stations) 29°37.372'N 93°48.953'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 82°F, NE 15-20 kts - partly cloudy

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:

	538	539	540
Port Draghead	Trash	Clear	Trash
Port Deflector	Clear	↓	Clear
Stbd Draghead	Chain	↓	↓
Stbd Deflector	Clear	↓	↓
Port Inflow, Mid	Mud + Trash	Mud + Trash	Mud + Trash
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

STB BOX Cleaned after load #539

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markestyn & KP

Dredge: Padre Island

Project: Sabine Pass, TX

Date: 09/23/03

Load #	541	Start	1757	End	1927	Dump	1941
Load #	542	Start	1956	End	2133	Dump	2148
Load #	543	Start	2207	End	2339	Dump	2348

Location (lat/long, stations) 29°37.371'N 93°49.292'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 10-12 kts Sea 5-1', 85°F Mostly Sunny

Water Temp., Surface 81°F Below Mid-Depth 81°F

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

Note biological samples:

	541	542	543
Port Draghead	Clear	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: KP

Dredge: Padre Island

Project: Sabine Pass, TX

Date: 09/24/03

Load # 544	Start 0007	End 0137	Dump 0151
Load # 545	Start 0214	End 0349	Dump 0402
Load # 546	Start 0422	End 0527	Dump 0539

Location (lat/long, stations) N29°38.096' W93°49.187' Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 76°F E 5-10kts partly cloudy

Water Temp., Surface 30°C Below Mid-Depth 30°C

Are there incidents involving endangered or protected species? YES NO

Note biological samples:	544	545	546
Port Draghead	clear	clear	clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	Mud & debris	mud & debris	Mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Emily Markestyn

Dredge: Padre I Stand
Project: Sabine Pass, TX
Date: 09/24/03

Load # 547 Start 0600 End 0821 Dump 0837
Load # 548 Start 1044 End 1214 Dump 1230
Load # 549 Start 1259 End 1416 Dump 1431

Location (lat/long, stations) N29° 38.096' W93° 49.187' Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 76°F, E 5-10 kts., partly cloudy

Water Temp., Surface 30°C Below Mid-Depth 30°C

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

Note biological samples:	547	548	549
Port Draghead	clear	Clear	Clear
Port Deflector	clear	↓	↓
Stbd Draghead	trash		
Stbd Deflector	clear		
Port Inflow, Mid	mud & debris	Mud & Debris	Mud & Debris
Port Inflow, Aft	↓		
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Skimmers cleaned after Load # 548
By EM & KP

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markesteyn + KP

Dredge: PADRE ISLAND
Project: SABINE PASS TX
Date: 09/24/03

Load #	550	Start	1449	End	1630	Dump	1645
Load #	551	Start	1652	End	1834	Dump	1850
Load #	552	Start	1903	End	2017	Dump	2035

Location (lat/long, stations) 29°37.428'N, 93°48.973'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) E 5-10 kts, Seas < 2', Partly Sunny 82°F Water Temp., Surface 27°C Below Mid-Depth 27°C

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

Note biological samples:	550	551	552
Port Draghead	Clear	Clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Trash	Mud + Trash	Mud + Trash
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: [illegible]

0050
0212
0229

Dredge: PADRE ISLAND
Project: SABINE PASS TX
Date: 09/24/03

Load # 553 Start 2045 End 2208 Dump 2222
Load # 554 Start 2242 End 0015 Dump 0028
Load # ~~550~~ 555 Start 0050 End 0212 Dump 0229
Location (lat/long, stations) 29 37.43'N 93.48.97'W Tide Stage
Weather (wind dir, beaufort, sea state, temp, etc.) E 5-10/4 SEAS<2' 80°F P/C
Water Temp., Surface 81°F Below ~~Mid-Depth~~ 81°F

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

Note biological samples:	553	554	555
Port Draghead	Clean	Clear	Clear
Port Deflector	↓	↓	↓
Stbd Draghead	↓	↓	↓
Stbd Deflector	↓	↓	↓
Port Inflow, Mid	Mud + Debris	mud & debris	mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: KP & EM

Dredge: Padre Island
Project: Sabine Pass, TX
Date: 09/25/03

Load #	556	Start	0243	End	0354	Dump 0431
Load #	557	Start	0444	End	0625	Dump 0655
Load #	558	Start	0713	End	0830	Dump 0843

Location (lat/long, stations) N29° 37.440' W93° 49.008' Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 15-20 kts., seas ~2', 84°F Partly cloudy Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	556	557	558
Port Draghead	Clear	some trash	clear
Port Deflector	↓	clear	clear
Stbd Draghead	↓	some trash	some trash
Stbd Deflector	↓	clear	clear
Port Inflow, Mid	mud & debris	mud & debris	mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markestejn

Dredge: Padre Island
Project: Sabine Pass, TX
Date: 09/25/03

Load # 559	Start 0903	End 1027	Dump 1045	
Load # 560	Start 1101	End 1225	Dump 1240	
Load # 561	Start 1304	End 1450	Dump 1510	

Location (lat/long, stations) N 29° 37.535' W 93° 48.945' Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) E 15-20 kts. partly cloudy 90°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	559	560	561
Port Draghead	Clear	Clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Emily Markestyn + KP

Dredge: PADRE ISLAND
Project: SABINE PASS, TX
Date: 09/25/03

Load # 562	Start 1521	End 1638	Dump 1654
Load # 563	Start 1714	End 1838	Dump 1854
Load # 564	Start 1907	End 2035	Dump 2049

Location (lat/long, stations) 29°37.960'N 93°49.293'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) E 8-10 KTS, Seas <2', Mostly Sunny 85°F

Water Temp., Surface 81°F Below Mid-Depth 81°F

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

Note biological samples:

	562	563	564
Port Draghead	Clear	Clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: K. Paterno

Dredge: PADRE ISLAND
Project: SABINE PASS TX
Date: 09/25/03

Load # 565	Start 2107	End 2244	Dump 2305
Load # 566	Start 2325	End 0059	Dump 0112
Load # 567	Start 0134	End 0255	Dump 0309

Location (lat/long, stations) 29°38.169 N, 93°49.416'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) E 5-10 Kts seas < 2' 78°F Clear

Water Temp., Surface 82°F Below Mid-Depth 81°F

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

Note biological samples:

	565	566	567
Port Draghead	Clear	Clear	clear
Port Deflector			clear
Stbd Draghead			some trash
Stbd Deflector			clear
Port Inflow, Mid	Mud + Debris	mud & debris	mud & debris
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kim Petrapo & Emily Markesteyn

Dredge: Padre Island
Project: Sabine PASS, TX
Date: 09/26/03

Load # 568	Start 0330	End 0427	Dump 0440
Load # 569	Start 0459	End 0603	Dump 0619
Load # 570	Start 0634	End 0815	Dump 0829

Location (lat/long, stations) N29° 37.476' W93° 49.017' Tide Stage high

Weather (wind dir, beaufort, sea state, temp, etc.) NE 5-10kts. partly cloudy 76°F

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	568	569	570
Port Draghead	clear	clear	
Port Deflector	↓	↓	
Stbd Draghead	↓	↓	
Stbd Deflector	↓	↓	
Port Inflow, Mid	mud & debris	mud & debris	
Port Inflow, Aft	↓	↓	
Stbd Inflow, Mid	↓	↓	
Stbd Inflow, Aft	↓	↓	
Port Overflow	↓	↓	
Stbd Overflow	↓	↓	

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Emily Markestegn

Dredge: Padre Estrella

Project: Sabine Pass, TX

Date: 09/26/03

Load # 571 Start 0855 End 1015 Dump 1030

Load # 572 Start 1051 End 1157 Dump 1216

Load # 573 Start 1239 End 1426 Dump 1440

Location (lat/long, stations) N 29° 37.376' W93° 48.840' Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 81°F, NE 5-10 kts., Cloudy

Water Temp., Surface 31°C Below Mid-Depth 31°C

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

Note biological samples:	571	572	573
Port Draghead	Clear	Clear	Trash
Port Deflector			Clear
Stbd Draghead			Trash
Stbd Deflector			Clear
Port Inflow, Mid	Mud + Debris	Mud + Debris	Mud + Trash
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: EM + KP

Dredge: PADRE ISLAND
Project: SABINE PASS 7X
Date: 09/26/03

Load # 574	Start 1800	End 1849	Dump 1703
Load # 575	Start 1720	End 1909	Dump 1928
Load # 576	Start 1943	End 2138	Dump 2155

Location (lat/long, stations) N 29°37.375', 93°98.841' W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) NE 5-8 (25 seas < 1', P/C 88°F

Water Temp., Surface 82°F Below Mid-Depth 81°F

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

Note biological samples:

	574	575	576
Port Draghead	Clear	Clear	Clear
Port Deflector			
Stbd Draghead			
Stbd Deflector			
Port Inflow, Mid	Mud + Silt	Mud + Silt	Mud + Silt
Port Inflow, Aft			
Stbd Inflow, Mid			
Stbd Inflow, Aft			
Port Overflow			
Stbd Overflow			

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Ø		

Observer(s) On Duty: Kimberly Peters

Dredge: PADRE ISLAND
Project: SABINE PASS TX
Date: 09/26/03

Load #	577	Start	2215	End	2355	Dump	0018
Load #	578	Start	0037	End	0227	Dump	0245
Load #	579	Start	0305	End	0435	Dump	0445

Location (lat/long, stations) 29°37.559'N, 93°48.994'W Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) ES-8KTS SEAS<1', 80°F, Clear

Water Temp., Surface 81°F Below Mid-Depth 81°F

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

Note biological samples:

	577	578	579
Port Draghead	Clear	Some trash	Clear
Port Deflector	Clear	Clear	↓
Stbd Draghead	Some trash	Some trash	↓
Stbd Deflector	Clear	Clear	↓
Port Inflow, Mid	Mud & debris	Mud & debris	Mud & debris
Port Inflow, Aft	↓	↓	↓
Stbd Inflow, Mid	↓	↓	↓
Stbd Inflow, Aft	↓	↓	↓
Port Overflow	↓	↓	↓
Stbd Overflow	↓	↓	↓

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Kimberly Fabro & Emily Markesteyn

Dredge: Padre Island

Project: Sabine Pass, TX

Date: 09/27/03

Load # 580 Start 0502 End 0544 Dump 0555

Load # _____ Start _____ End _____ Dump _____

Load # _____ Start _____ End _____ Dump _____

Location (lat/long, stations) N 29° 37.559' W 93° 48.994' Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) E 5-8 kts., Seas < 1', 80°F, partly cloudy Water Temp., Surface 81°F Below Mid-Depth 81°F

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

Note biological samples: 580

Port Draghead clear

Port Deflector

Stbd Draghead

Stbd Deflector

Port Inflow, Mid mud & debris

Port Inflow, Aft

Stbd Inflow, Mid

Stbd Inflow, Aft

Port Overflow

Stbd Overflow

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.);

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) On Duty: Emily Markesteyn