ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 04 / 29 / 03

Load #s 463 Start 1650 End 1737 Dump 1748-1752

Location (lat/long, stations) STW: 935+00 to 994+28 Tide Stage 1.0

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, wind 5-10KNTS, seas calm

Water Temp., Surface _____ Below Mid-Depth _____

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

Note biological samples:

~~Port Draghead~~ _____ Deflector OK

Stbd Draghead OK, debris/rope, trash (plastic, metal) Deflector _____

Port Inflow, Fore OK, starfish rope, (debris), plastic [redacted] _____

~~Port Inflow, Aft~~ whelk (2)

~~Stbd Inflow, Fore~~ _____ [redacted] _____

~~Stbd Inflow, Aft~~ _____

~~Port Overflow, Primary~~ _____ ~~Secondary~~ _____

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~ _____

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

load #464 start: 1810 end: 1910 ; dump 1920-1924

#465 1937 2041 2052-2056

#466 2108 2215 2225-2229

#467 2242 2334 2345-2349

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. Kopitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 04 / 30 / 03

Load # 468 Start 0001 End 0047 Dump 0058-0102

Location (lat/long, stations) STW: 935+00 to 494+28 Tide Stage 0.6 -> 1.7

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, winds 0 5KNTS, seas calm

Water Temp., Surface 76.0°F Below Mid-Depth 75 -> 76.0°F

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

Note biological samples:

~~Port Draghead~~ _____ Deflector _____

Stbd Draghead OK, debris Deflector OK

Port Inflow, Fore OK, debris, grass, wood, starfish, [redacted] _____

~~Port Inflow, Aft~~ whelk, clam

~~Stbd Inflow, Fore~~ _____ [redacted] _____

~~Stbd Inflow, Aft~~ _____

~~Port Overflow, Primary~~ _____ ~~Secondary~~ _____

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~ _____

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

load	start	end	Dump
#469	0114	0204	0213-0217
470	0231	0322	0333-0337
471	0349	0442	0452-0456
472	0508	0604	0613-0617
473	0628	0723	0732-0736
474	0749	0852	0901-0910
475	0933	1027	1039-1043
476	1100	1153	1204-1208

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K Kapitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 04 / 30 / 03

Load # 477 Start 1218 End 1308 Dump 1322 - 1326

Location (lat/long, stations) STW: 935+00 to 494+28 Tide Stage 0.6 →

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, Wind 0 - 5 knots, Calm Seas

Water Temp., Surface 76.0°F Below Mid-Depth 75 °F

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

Note biological samples:

~~Port Draghead~~ Deflector

Stbd Draghead Ok, Debris Deflector Ok

Port Inflow, Fore Ok Debris, grass, wood, shellfish, starfish

~~Port Inflow, Aft~~

~~Stbd Inflow, Fore~~ ~~Aft~~

~~Stbd Inflow, Aft~~

~~Port Overflow, Primary~~ ~~Secondary~~

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~

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

Load # 478	Start: 1334	END: 1422	Dump: 1433 - 1437
479	1451	1544	1556 - 1600
480	1608	1706	1717 - 1721
481	1731	1832	1852 - 1856
482	1908	2006	2016 - 2020
483	2032	2126	2138 - 2142
484	2153	2246	2303 - 2307
485	2322	0006	0016 - 0020
486	0031	0120	0130 - 0134

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops Truncatus	23	1414 / 30.07, -088.56 Swimming @ surface

Observer(s) on duty T. Todd / K. Kopitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 01 / 03

Load # 497 Start 1434 End 1520 Dump 1531-1535

Location (lat/long, stations) STW 935+00 to 494+28 Tide Stage 0.5 →

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, Wind 5-10KTS, Seas < 1'

Water Temp., Surface 80.0°F Below Mid-Depth 80.0°F

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

Note biological samples:

~~Port Draghead~~ _____ Deflector _____

Stbd Draghead OK Deflector OK

Port Inflow, Fore Starfish, shells, grass, wood, clam [redacted] _____

~~Port Inflow, Aft~~ 1 Crab, debris

~~Stbd Inflow, Fore~~ _____ [redacted] _____

~~Stbd Inflow, Aft~~ _____

~~Port Overflow, Primary~~ _____ ~~Secondary~~ _____

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~ _____

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

load#	498	Start 1548	End 1634	Dump 1643-1647
	499	1836	1922	1937-1941
STW: 993 to 995 →	500	1950	2042	2053-2057
	501	2106	2203	2216-2220
	502	2228	2317	2326-2330

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	5	1841 / 935+00 to 494+28

Observer(s) on duty K. Kopitsky / [redacted]

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 02 / 03

Load # 503 Start 2342 End 0104 Dump 0112-0116

Location (lat/long, stations) STW: 935+00 to 494+28 Tide Stage 0.5 →

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, Wind 0-5 knots,

Water Temp., Surface _____ Below Mid-Depth _____

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

Note biological samples:

~~Port Draghead~~ _____ Deflector _____

Stbd Draghead OK Deflector OK

Port Inflow, Fore grass, wood, plastic, starfish, shell hash [redacted] _____

~~Port Inflow, Aft~~ _____

~~Stbd Inflow, Fore~~ _____ [redacted] _____

~~Stbd Inflow, Aft~~ _____

~~Port Overflow, Primary~~ _____ ~~Secondary~~ _____

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~ _____

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

Load # 504: [redacted]	start: 0125	END: 0213	Dump: 0222-0226
505	0236	0322	0331-0335
506	0344	0430	0438-0443
507	0453	0547	0557-0601
508	0612	0702	0712-0716
509	0825	0829	0728-0815
510	0843	0934	0944-0948
511	1002	1052	1103-1107
512	1117	1204	1213-1217

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. Truncatus	3	0612 / 30°07'N, 88.56W, 2 young nursing w/mother

Observer(s) on duty T. Todd / K. Kopitzky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 02 / 03

Load # 513 Start 1227 End 1313 Dump 1321-1325

Location (lat/long, stations) 935 to 995 Tide Stage 1.7

Weather (wind dir, beaufort, sea state, temp, etc.) Overcast, wind 5-10 KTS, seas 1'

Water Temp., Surface 81.0°F Below Mid-Depth 80-81°F

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

Note biological samples:

~~Port Draghead~~ _____ Deflector _____

Stbd Draghead OK, debris Deflector OK

Port Inflow, Fore grass, debris, wood, shells [redacted] _____

~~Port Inflow, Aft~~ Starfish, octopus

~~Stbd Inflow, Fore~~ _____ [redacted] _____

~~Stbd Inflow, Aft~~ _____

~~Port Overflow, Primary~~ _____ ~~Secondary~~ _____

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~ _____

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

	load # 514	start: 1336	end: 1422	dump: 1432-1436
	#515	1447	1538	1547-1551
	516	1600	1646	1655-1659
994 to 1050 →	517	1729	1821	1834-1838
	518	1851	1938	1950-1954
	519	2007	2053	2108-2112
	wind 20-25KTS, seas 3-4'			
	520	2127	2213	2226-2230
	521	2344	2329	2344-2348

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. Kapitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 03 / 03

Load # 522 Start 0000 End 0048 Dump 0104-0108

Location (lat/long, stations) 935 + 995 Tide Stage 0.7 to 1.8

Weather (wind dir, beaufort, sea state, temp, etc.) Over cast, Winds 20 - 25 knots, Sea 3-4'

lightning seen in Distance Water Temp., Surface 80° F Below Mid-Depth 79°

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

Note biological samples:

~~Port Draghead~~ Deflector

Stbd Draghead OK, Debris Deflector OK

Port Inflow, Fore gray, debris, wood, plastic, shell, starfish [redacted]

~~Port Inflow, Aft~~

~~Stbd Inflow, Fore~~ [redacted]

~~Stbd Inflow, Aft~~

~~Port Overflow, Primary~~ ~~Secondary~~

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~

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

Load #523	Start: 0122	End: 0211	Dump: 0225-0228
524	0240	0329	0342 - 0346
525	0357	0450	0504 - 0508
526	0520	0611	0624 - 0628
527	0642	0733	0746 - 0750
528	0802	0853	0906 - 0910
529	0925	1024	1038 - 1042
530	1101	1152	1210 - 1214

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. Truncatus	5	0857, 30°.07, 88°.55, Swimming
T. Truncatus	3	0918, 30°.07, 88°.57, Swimming, tail slapping

Observer(s) on duty T. Todd

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 03 / 03

Load # 531 Start 1632 End 1715 Dump 1728-1732

Location (lat/long, stations) 935 to 995 Tide Stage 1.8 - 0.2

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind 20-25KTS, seas 2-3'

Water Temp., Surface 79.0°F-80.0°F Below Mid-Depth 79.0°F-80.0°F

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

Note biological samples:

~~Port Draghead~~ _____ Deflector _____

Stbd Draghead hydrolics broken cannot come up Deflector hydrolics broken

Port Inflow, Fore Shells, debris, grass [redacted] _____

~~Port Inflow, Aft~~ _____

~~Stbd Inflow, Fore~~ _____ [redacted] _____

~~Stbd Inflow, Aft~~ _____

~~Port Overflow, Primary~~ _____ ~~Secondary~~ _____

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~ _____

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

load # 532	start: 1754	END: 1850	Dump: 1906-1910
533	start: 1928	END: 2024	2041 - 2045
534	2101	2200	2218 - 2222
535	2241	2333	2344 - 2348

Salinity = 1.023 ppm

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty K. Kopitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 04 / 03

Load # 536 Start 0007 End 0056 Dump 0110 – 0114

Location (lat/long, stations) 935 to 995 Tide Stage 0.9 –

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, wind 20-25 Kts, Seas 1-2'

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

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

Note biological samples:

~~Port Draghead~~ _____ Deflector _____

Stbd Draghead Hydraulics Broken Deflector OK (can't observe)

Port Inflow, Fore Shells, debris, grass [redacted] _____

~~Port Inflow, Aft~~ _____

~~Stbd Inflow, Fore~~ _____ [redacted] _____

~~Stbd Inflow, Aft~~ _____

~~Port Overflow, Primary~~ _____ ~~Secondary~~ _____

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~ _____

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

Dredge 537	start 0129	END 0220	Dump 0235 - 0239
538	0254	0345	0400 - 0404
539	0414	0504	0518 - 0522
540	0539	0623	0636 - 0640
541	0656	0741	0754 - 0758
542	0815	0900	0914 - 0918
@ 0940 - Able to check Deflector - Clear			
543	1058	1144	1159 - 0003

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	7	0950, 30°.07, 88°.57 ; swimming, at anchor
T. truncatus	2	1058, 30° 07, 88° 56 ; swimming, just started dredge.

Observer(s) on duty T. Todd

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 04 / 03

Load # 544 Start 1228 End 1314 Dump 1330 - 1334

Location (lat/long, stations) 904 to 1050 Tide Stage 1.6

Weather (wind dir, beaufort, sea state, temp, etc.) Wind 20-25 KTS, seas 3-4', P/C

Water Temp., Surface 81-82°F Below Mid-Depth 81-82°F

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

Note biological samples:

~~Port Draghead~~ _____ Deflector _____

Stbd Draghead OK, debris Deflector OK

Port Inflow, Fore OK, debris ~~Aft~~ _____

~~Port Inflow, Aft~~ _____

~~Stbd Inflow, Fore~~ _____ ~~Aft~~ _____

~~Stbd Inflow, Aft~~ _____

~~Port Overflow, Primary~~ _____ ~~Secondary~~ _____

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~ _____

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

load#			
545	start: 1350	End: 1435	Dump: 1450 - 1454
546	1508	1600	1619 - 1621
547	1636	1721	1738 - 1742
548	1755	1840	1858 - 1902
549	1928	2012	2030 - 2034
550	2101	2143	2158 - 2202
551	2230	2311	2328 - 2332

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	3	1510 / channel / 2 large, 1 small
"	3	1516 / channel / 3 large

Observer(s) on duty K. Kopitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 05 / 03

Load # 552 Start 2355 End 0034 Dump 0051 - 0055

Location (lat/long, stations) 964 - 1050 Tide Stage 0.7

Weather (wind dir, beaufort, sea state, temp, etc.) Wind 20-25 knots, Sea 3-4, P/C

Water Temp., Surface 81 Below Mid-Depth 80

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

Note biological samples:

~~Port Draghead~~ Deflector

Stbd Draghead OK, Debris Deflector OK

Port Inflow, Fore OK, Debris, grass, wood, plastic, starfish, shellfish [redacted]

~~Port Inflow, Aft~~

~~Stbd Inflow, Fore~~ [redacted]

~~Stbd Inflow, Aft~~

~~Port Overflow, Primary~~ ~~Secondary~~

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~

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

Load 553	Start 0114	Stop 0211	Dump 0229 - 0233
554	0258	0344	0402 - 0406
555	0426	0513	0529 - 0533
556	0556	0639	0656 - 0700
557	0723	0807	0826 - 0830
558	0853	0947	0959 - 1004

Seas to 1-2 ft, P/C — ~~Scattered Ice Patches~~ Returned to Dock for Repairs

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. Truncatus	7	0722 / 30.07, 88.56 / swimming
T. Truncatus	3	0858 / 30.07, 88.55 / swimming

Observer(s) on duty T. Todd

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 06 / 03

Load # 559 Start 0808 End 0855 Dump 0907 - 0911

Location (lat/long, stations) 964-1050 Tide Stage 1.6, 1.0, 1.9

Weather (wind dir, beaufort, sea state, temp, etc.) ~~NE, steady 15 knots~~, Seas 1-3, P-C to Hazy

Winds WSW 15-20 kn Water Temp., Surface 79 82°F Below Mid-Depth 80 82°F

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

Note biological samples:

~~Port Draghead~~ Deflector

Stbd Draghead Ok, Debris Deflector ok

Port Inflow, Fore Ok, Debris, Grass, wood, Plastic

~~Port Inflow, Aft~~

~~Stbd Inflow, Fore~~

~~Stbd Inflow, Aft~~

~~Port Overflow, Primary~~ ~~Secondary~~

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~

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

load 560	Start 0933	END 1019	Dump 1032-1036
561	1058	1143	1156-1200
562	1214	1256	1313-1317
563	1333	1416	1430-1434
564	1451	1540	1554-1558
565	1613	1659	1715-1719
566	1736	1822	1836-1840
567	2039	2133	2148-2152
wind 20-25 KNTS 568	2211	2255	2309-2313

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. Truncatus	5	1005 / 30.07, 88.54 / Swimming

Observer(s) on duty T. Todd / K. Kopitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 07 / 03

Load # 569 Start 2328 End 0013 Dump 0033-0037

Location (lat/long, stations) 964-1050 Tide Stage 0.2 → 1.1

Weather (wind dir, beaufort, sea state, temp, etc.) Sea. 2-4 ft, W.W, 20-25 kts, Mostly Cloudy

Water Temp., Surface 81 Below Mid-Depth 81

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

Note biological samples:

~~Port Draghead~~ Deflector

Stbd Draghead Ok, Debris Deflector Ok

Port Inflow, Fore Ok, Debris, grass, Plastic, Wood

~~Port Inflow, Aft~~

~~Stbd Inflow, Fore~~

~~Stbd Inflow, Aft~~

~~Port Overflow, Primary~~ ~~Secondary~~

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~

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

Load 570	Start 0059	END 0142	Dump 0158-0202
571	0220	0309	0325-0329
572	0347	0436	0452-0456
573	0515	0600	0613-0617
574	0632	0717	0732-0736
575	0755	0840	0856-0900
576	1040	1125	1141-1145
~~577~~			

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
~~T. truncatus~~	~~0~~	
T. truncatus	2	1207 / 30.07, 88.55 / Swimming

Observer(s) on duty T. Todd

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 07 / 03

Load # 577 Start 1202 End 1245 Dump 1300 - 1304

Location (lat/long, stations) 994 to 1050 Tide Stage 1.6

Weather (wind dir, beaufort, sea state, temp, etc.) Wind 20-25 KTS, Seas 3-4', P/C

Water Temp., Surface 83.0°F Below Mid-Depth 82.0°F

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

Note biological samples:

~~Port Draghead~~ Deflector

Stbd Draghead OK Deflector OK

Port Inflow, Fore OK debris grass, clam ~~Stbd~~

~~Port Inflow, Aft~~

~~Stbd Inflow, Fore~~ ~~Stbd~~

~~Stbd Inflow, Aft~~

~~Port Overflow, Primary~~ ~~Secondary~~

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~

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

load #578	start: 1323	end: 1404	Dump: 1418-1422
579	1438	1528	1542-1546
580	1605	1648	1706-1710
581	1730	1817	1830-1834
582	1852	1937	2045-2049
583	2105	2155	2209-2213
584	2230	2315	2345-2349

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. Kopitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 08 / 03

Load # 585 Start 0007 End 0053 Dump 0110-0114

Location (lat/long, stations) 994 - 1050 Tide Stage 0.2 - 1.4

Weather (wind dir, beaufort, sea state, temp, etc.) wind - 20 - 25 kn, Sea 2-4' P C

Water Temp., Surface 81 Below Mid-Depth 82

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

Note biological samples:

~~Port Draghead~~ _____ Deflector _____

Stbd Draghead Ok Deflector Ok

Port Inflow, Fore Ok, debris, grass, clam [redacted] _____

~~Port Inflow, Aft~~ _____

~~Stbd Inflow, Fore~~ _____ [redacted] _____

~~Stbd Inflow, Aft~~ _____

~~Port Overflow, Primary~~ _____ ~~Secondary~~ _____

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~ _____

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

Load 586 Start 0130 END 0221 Dump 0239-0243

587 0300 0356 0406 - 0410

588 0428 0515 0531-0535

0600 hrs - wind 10-15, Seas Calm to 1', Partly Cloudy

589 0552 0637 0649 - 0653

590 0710 0755 0809 - 0813

591 0830 0913 0928-0932

592 0946 1034 1056 - 1100

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	4	0956 / 30.07, 88.55 / Swimming fast AWAY from Bow
T. truncatus	> 2	1100 / 30.07, 88.55 / Swimming, Stbd Bow, Port side

Observer(s) on duty _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 08 / 03

Load # 593 Start 1235 End 1335 Dump 1349-1351

Location (lat/long, stations) 835-935 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P/Sunny, wind 15-20 KTS, seas 2-3'

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

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

Note biological samples:

~~Port Draghead~~ Deflector OK

Stbd Draghead OK, grass, netting Deflector

Port Inflow, Fore OK, grass, debris, crabs, starfish, [redacted]

~~Port Inflow, Aft~~ Shells, line, shrimp, eel

~~Stbd Inflow, Fore~~ [redacted]

~~Stbd Inflow, Aft~~

~~Port Overflow, Primary~~ ~~Secondary~~

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~

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

load #594	start: 1401	end: 1441	dump: 1451-1455
595	1508	1545	1553-1557
596	1610	1652	1700-1704
597	1714	1805	1819-1823
598	1837	1942	1954-1958
599	2013	2129	2141-2145
600	2200	2308	2322-2326

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty K. Kopitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 09 / 03

Load # 601 Start 2353 End 0042 Dump 0056 – 0100

Location (lat/long, stations) 835 - 935 Tide Stage 0.0 - 1.9

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, Wind 15-20, Seas 1-2 ft

Water Temp., Surface 81 Below Mid-Depth 81

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

Note biological samples:

~~Port Draghead~~ Deflector

Stbd Draghead Grass, Shrimp Netting, Deflector Ok

Port Inflow, Fore ok, Crab, shrimp, plastic, grass, shells, fish

~~Port Inflow, Aft~~

~~Stbd Inflow, Fore~~

~~Stbd Inflow, Aft~~

~~Port Overflow, Primary~~ ~~Secondary~~

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~

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

Load# 602	Start: 0118	END: 0216	Dump: 0231 - 0235
603	0254	0408	0424 - 0428
604	0445	0558	0612 - 0616
0605	0633	0749	0803 - 0807
606	0825	0943	0954 - 0958
607	1017	1123	1337 - 1141

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty T. Todd

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 09 / 03

Load # 608 Start 1200 End 1316 Dump 1332-1336

Location (lat/long, stations) 835 to 935 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Wind 15-20KTS, P/C, SEAS 2-3'

Water Temp., Surface 84.0°F Below Mid-Depth 84.0°F

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

Note biological samples:

Port Draghead Deflector

Stbd Draghead netting, OK Deflector OK

Port Inflow, Fore OK, grass, shrimp, shells, wood

Port Inflow, Aft debris, clam

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary NO OVERFLOW Secondary

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

load #609	start: 1354	end: 1509	dump: 1520-1524
610	1537	1650	1700-1704
611	1717	1833	1843-1847
612	1902	2012	2029-2033
613	2050	2250	2219-2223
614	2241	2351	0002-0006

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments 30°08+ 88°56
T. truncatus	3	1406 /
	3	1727 / 30°08+ 88°56
	2	1900 / bouy 10
	3	1937 / bouy 14

Observer(s) on duty K. Kopitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 10 / 03

Load # 615 Start 0023 End 0138 Dump 0150-0154

Location (lat/long, stations) 835 to 935 Tide Stage 0.3 - 0.3

Weather (wind dir, beaufort, sea state, temp, etc.) Wind 15-25, P/C, 2-3'

Water Temp., Surface 82 Below Mid-Depth 82

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

Note biological samples:

~~Port Draghead~~ Deflector

Stbd Draghead Net, ok Deflector ok

Port Inflow, Fore ok, grass, fish, shell, polychaete, wood, [redacted] debris

~~Port Inflow, Aft~~

~~Stbd Inflow, Fore~~ [redacted]

~~Stbd Inflow, Aft~~

~~Port Overflow, Primary~~ ~~Secondary~~

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~

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

Load 616	Start 0213	End 0325	Dump 0343-0347
617	0404	0513	0528-0532
618	0547	0656	0709-0713
619	0728	0847	0857-0901
620	0919	1027	1039-1043

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty T. Todd

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 10 / 03

Load # 621 Start 1104 End 1210 Dump 1227-1231

Location (lat/long, stations) 835 to 735 Tide Stage 1.4

Weather (wind dir, beaufort, sea state, temp, etc.) Wind 20-25KTS, Seas 4-5', P/Sunny skies Water Temp., Surface 83 Below Mid-Depth 81

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

Note biological samples:

~~Port Draghead~~ _____ Deflector _____

Stbd Draghead OK, debris Deflector OK

Port Inflow, Fore OK, grass, debris, wood, shrimp [redacted]

~~Port Inflow, Aft~~ clam

~~Stbd Inflow, Fore~~ _____ [redacted] _____

~~Stbd Inflow, Aft~~ _____

~~Port Overflow, Primary~~ _____ ~~Secondary~~ _____

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~ _____

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

load 622	start: 1302	end: 1405	dump 1416-1420
623	1430	1532	1546-1550
624	1602	1708	1722-1726
625	1743	1900	1910-1914
626	1929	2037	2049-2053
627	2106	2218	2231-2235
628	2248	2347	0002-0006

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	3	1746 / ship channel

Observer(s) on duty K. Kopitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 11 / 03

Load # 629 Start 0014 End 0124 Dump 0143 - 0147

Location (lat/long, stations) 835 - 735 Tide Stage 0.7 -

Weather (wind dir, beaufort, sea state, temp, etc.) Wind 20-25 kn, Seas 4-5', P/C

Water Temp., Surface 81 Below Mid-Depth 81

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

Note biological samples:

~~Port Draghead~~ Deflector

Stbd Draghead OK, Debris Deflector OK

Port Inflow, Fore OK, grass, debris, wood, plastic, fish, shell [redacted]

~~Port Inflow, Aft~~

~~Stbd Inflow, Fore~~ [redacted]

~~Stbd Inflow, Aft~~

~~Port Overflow, Primary~~ ~~Secondary~~

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~

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

Load 630	Start: 0202	END: 0310	Dump: 0325 - 029
631	0342	0458	0512 - 0516
632	0541	0652	0702 - 0706
633	0717	0803	0833 - 0837
634	0851	1006	1016 - 1020
635	1035	1159	1213 - 1217

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	7	0606/30.10, 88.55 / swimming starboard stern slight 1/4 behind boat for over 20 min

Observer(s) on duty T. Todd

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 11 / 03

Load # 636 Start 1231 End 1340 Dump 1353-1357

Location (lat/long, stations) 935 to 735 Tide Stage 1.1

Weather (wind dir, beaufort, sea state, temp, etc.) Wind 20-25KTS, seas 3-4', P/C

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

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

Note biological samples:

~~Port Draghead~~ _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____ [redacted] _____

~~Port Inflow, Aft~~ _____

~~Stbd Inflow, Fore~~ _____ [redacted] _____

~~Stbd Inflow, Aft~~ _____

~~Port Overflow, Primary~~ _____ ~~Secondary~~ _____

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~ _____

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

load # 638 start: 1409 end: 1520 dump: 1533-1537

** load # 599 was recorded 2x's for 2 separate loads.

639	1550	1706	1718-1722
640	1732	1842	1900-1904
641	1914	2008	2018-2023
642	2036	2146	2157-2201
643	2238	2356	0008-0012
~~[illegible]~~			

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	3	1330 / Channel

Observer(s) on duty K. Kapitsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 12 / 03

Load # 644 Start 0027 End 0205 Dump 0217-0221

Location (lat/long, stations) 835 to 735, 735-650 Tide Stage 0.7

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, wind 10-15 KNTS, Seas-2-3'

Water Temp., Surface 84 Below Mid-Depth 81

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

Note biological samples:

~~Port Draghead~~ _____ Deflector _____

Stbd Draghead OK, debris Deflector OK, debris

Port Inflow, Fore OK, debris, wood, rock, catfish [redacted] _____

~~Port Inflow, Aft~~ ~~Atlt~~ Atlantic Sharpnose

~~Stbd Inflow, Fore~~ _____ [redacted] _____

~~Stbd Inflow, Aft~~ _____

~~Port Overflow, Primary~~ _____ ~~Secondary~~ _____

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~ _____

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

load #645 start 0235 end: 0348 dump: 0400-0404

646 0420 0531 0541-0545

647 0557 0639 0701-0705

648 0718 0834 0854-0858

649 0911 1030 1042-1046

650 1100 1218 1235-1239

Changed Sites @ 735-650

651 1307 1415 1432 1436

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Stenella sp.	2	0712 / Starboard 30.08, 88.55 / Swimming Northern 1 Dolphin
T. truncatus	3	0856 / 30.07, 88.57 / Swimming SB Bow Approached once
T. truncatus	5	0141 / 30.11, 88.57 / Bow Near Beach

Observer(s) on duty K. Kopitsky, T. Todd

[redacted]

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 12 / 03

Load # 657 Start 1307 End 1415 Dump 1432-1436

Location (lat/long, stations) 735-650 Tide Stage 1-0

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, wind 10-15kn, Seas 1-2'

Water Temp., Surface 84 Below Mid-Depth 82

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

Note biological samples:

~~Port Draghead~~ Deflector

Stbd Draghead Ok Debris Deflector OK

Port Inflow, Fore Ok, wood, debris, rocks, fish, [redacted]

~~Port Inflow, Aft~~ Starfish, shells, crustaceans, crabs, shrimp, Rope, Lots & Lots

~~Stbd Inflow, Fore~~ of Debris, stingray [redacted]

~~Stbd Inflow, Aft~~

~~Port Overflow, Primary~~ ~~Secondary~~

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~

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

Load # 652 Start #1456 END 1608 Dump 1629-1633

[redacted] 1700 - Skies clear, water calm, wind 0-5 knots

653	1653	1754	1816 - 1820
654	1841	1942	2002 - 2006
655	2033	2138	2159 - 2203
656	2226	2340	0000 - 0004

PROJECT FINISHED

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	2	1552 / 30.11, 88.59 / Bow riding
T. truncatus	2	1740 / 30.11, 88.59 / Portside swimming
T. truncatus	2	1826 / 30.07, 88.57 / Bow swim to stb.
T. truncatus	3	1840 / 30.10, 88.58 / Bow swimming STB towards and away from stern

Observer(s) on duty T. Todd

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 13 / 03

Load # 658 Start 11:20 End 12:04 Dump 14:04

Location (lat/long, stations) 480-525 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) CLOUDY 10-15KT WIND, 1-2' SEAS

Water Temp., Surface 84 Below Mid-Depth 82

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

Note biological samples:

~~Port Draghead~~ Deflector

Stbd Draghead CLEAR Deflector OK

Port Inflow, Fore WOOD / TRASH / DEBRIS [redacted]

~~Port Inflow, Aft~~

~~Stbd Inflow, Fore~~ [redacted]

~~Stbd Inflow, Aft~~

~~Port Overflow, Primary~~ ~~Secondary~~

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~

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

AREA APPEARS TO HAVE A SUBSTRATE OF PRIMARILY MUD. BOX LOOKED CLEAN. NO BYCATCH OR ENDANGERED SPECIES OBSERVED.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty Jason Davenport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: / /

Load # 659 Start 1 LOAD 5/13 Dump

Location (lat/long, stations) Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) CLOUDY 5-10 KTS WIND, 1' SEAS

Water Temp., Surface NA Below Mid-Depth NA

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

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore NA

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary NO OVERFLOW Secondary

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

659 ← NO COVERAGE WE ARE NOW ON A 12 HR COVERAGE SCHEDEULE. LOADS WERE SUSPENDED AT 1400 ON THE 13th FOR HOPPER REPAIRS AND RESUMED AT 2200.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
NA		

Observer(s) on duty Jason Davenport

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Gulf Port Ship Channel

Date: 05 / 14 / 03

Load # 660 Start 07:30 End 08:50 Dump 10:55

Location (lat/long, stations) 480-525 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) PARTLY CLOUDY, 5 KTS WIND, 1' SEAS

Water Temp., Surface 84 Below Mid-Depth 82

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

Note biological samples:

~~Port Draghead~~ Deflector

Stbd Draghead CLEAR Deflector OK

Port Inflow, Fore WOOD / TRASH [redacted]

~~Port Inflow, Aft~~

~~Stbd Inflow, Fore~~ [redacted]

~~Stbd Inflow, Aft~~

~~Port Overflow, Primary~~ ~~Secondary~~

~~Stbd Overflow, Primary~~ NO OVERFLOW ~~Secondary~~

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

→ DREDGED MATERIAL MUD. → SCREENING FUNCTIONING WELL. → NO SIGHTINGS OF ANY ENDANGERED SPECIES OR BYCATCH. → ALL GEAR FUNCTIONING WELL.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	5	0830 BOWRIDEING

Observer(s) on duty Jason Dunnport