Date MAR / 19 / 2007 Dredge Site Aransas Pass Ship Channel Dredge M/V Columbia

Trawler F/V Two Dilos Biologist(s) Terrance Todd Capt Stephan Kotrulja

Tide (Time, High Or Low): ~1530 Hrs (H) / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 19 ○ C

Air Temp 22.8 ○ C Wind Spd / Dir SE 15 - 25 Wave Ht 3 - 6 Bottom Type Sand Station #'s +160 100 → +240 100

MARCH 19, 2007

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
001	1023	27° 49.530 97° 01.353	1103	27° 48.675 96° 59.827	Flood	45.8	S 2.5	ND	(1) hard head (3) Atlantic Bumpers (1) Spot	Seas 4'-6', very choppy overcast to mostly clear H20 19° C Air - 23° C
002	1111	27° 48.625 96° 59.775	1140	27° 49.191 97° 00.694	Flood	40.6	S 2.6	NO	Clean	
003	1154	27° 49.380 97° 01.185	1227	27° 48.677 96° 59.833	Flood	44.4	S 2.6	1 CM (green)	Jellyfish	(1) green turtle starboard net (1) green turtle sighted @ release area

APR 20, 2007 - Rough weather - No Tows

Date MAR / 21 / 07 Dredge Site Aransas Pass Ship Channel Dredge M/V Columbia

Trawler F/V TWO DIDOS Biologist(s) Terrance Todd Capt Stephen Kotralja

Tide (Time, High Or Low): ~0800 Hrs, (H) / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 19 ○ C

Air Temp 21.3 ○ C Wind Spd / Dir SE 15-25 Wave Ht 2 - 6 Bottom Type Sand Station #'s 160+00 → 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
004	0924	27° 49.733 97° 01.812	1004	27° 48.742 97° 00.105	EBB	43.5	2.6 S	NO	(1) Cownose Ray (1) Portuguese Man o'war	Seas 2-4' SE wind 15-20, H2O 19°c, Air 19.5°c Partly Cloudy
005	1013	27° 48.848 96° 59.775	1053	27° 49.527 97° 01.514	EBB	41.4	2.8 N	NO	(2) sheepheads (1) hard head moon Jelly Sargassum	
006	1102	27° 49.720 97° 01.688	1142	27° 48.777 97° 00.060	EBB	47.0	2.6 S	NO	clean	1200 hrs - Partly cloudy w/ Haze H2O 19.4°c, Air 21.3 Seas 2'-4' SE 15-20
007	1151	27° 48.650 96° 59.918	1231	27° 49.492 97° 01.456	EBB	40.8	2.8 N	NO	(1) cownose Ray (1) Blue crab	
008	1238	27° 49.634 97° 01.641	1318	27° 48.793 97° 00.212	EBB	42.6	2.6 S	NO	(1) ling	
009	1328	27° 48.720 96° 59.936	1406	27° 49.592 97° 01.662	FLOOD	39.6	2.8 N	NO	(1) Blue Crab Sargassum	
010	1412	27° 49.656 97° 01.649	1452	27° 48.801 97° 00.046	Flood	41.4	2.4 S	NO	(3) Blue crabs Sargassum	

Date MAR/22/07 Dredge Site Aransas Pass/Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V Two DIDOS Biologist(s) Terrance Todd Capt Stephan Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 19 ○ C

Air Temp 19-23 ○ C Wind Spd / Dir SE 15-25 Wave Ht 2-6 Bottom Type Sand Station #'s 240100 - 320100

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
011	0814	27° 49.560 97° 01.693	0854	27° 48.667 97° 59.845	Flood	45.7	S 2.4	NO	Sargassum	Overcast; Air 19°, H2O 19° SE 20-25 Choppy 3'-6'
012	0900	27° 48.717 97° 59.753	0940	27° 49.505 97° 01.494	Flood	41.6	N 2.4	NO	(1) Florida Pompano Debris	~~Door Flipped~~
013	0944	27° 49.442 97° 01.630	1024	27° 49.759 97° 59.850	Flood	41.6	S 2.4	NO	(1) Atlantic Sharpnose (1) Cownose Ray (1) Moon Fish	Door Flipped - Starboard A Large "Ball" of wire Entangled IN DOOR
014	1115	27° 48.747 97° 59.495	1155	27° 49.415 97° 01.318	Flood	43.6	N 2.8	NO	Clean	
015	1203	27° 49.634 97° 01.584	1243	27° 48.779 97° 59.905	Flood	46.5	S 2.6	NO	Clean	Overcast to mostly cloudy, Air 23, H2O 19. Choppy 2-5'
016	1250	27° 48.637 97° 59.802	1330	27° 49.574 97° 01.380	Flood	44.2	N 2.7	NO	(3) Blue Crabs Sargassum	
017	1336	27° 49.575 97° 01.600	1416	27° 48.656 97° 59.977	Flood	44.0	S 2.6	NO	(2) Cownose Ray	
018	1426	27° 48.515 97° 59.729	1506	27° 49.171 97° 00.659	Flood	41.0	N 2.6	NO	Clean	
019	1511	27° 49.087 97° 00.453	1551	27° 48.954 97° 00.394	Flood	45.3	S-N 2.6	NO	(5) Blue Crabs (2) Cownose Rays	
020	1558	27° 49.190 97° 00.656	1600	27° 49.131 97° 00.560	Flood	42.7	S-N 2.6	NO	Clean	Sugar line Drake Picked up to fix
021	1606	27° 49.058 97° 00.390	1643	27° 49.013 97° 59.941	Flood	41.5	S-N 2.6	NO	(2) Cownose Rays (3) Blue Crabs Sargassum	

Date MAR/22/2007 Dredge Site ARANSAS PASS/Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V TWO DIDOS Biologist(s) TERRANCE TODD Capt STEPHAN KOTRULSA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 19.6 ○ C

Air Temp 24 ○ C Wind Spd / Dir SE 15-20 Wave Ht 3-6 Bottom Type Sand Station #'s 120+00 → 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
022	1648	27° 49.189 97° 00.610	1728	27° 48.535 96° 59.961	Flood	41.5	N-S 2.6	NO	Sargassum Jelly fish (1) Blue crab	
023	1738	27° 48.748 97° 00.035	1818	27° 48.852 97° 00.194	Flood	46.0	S-N 2.6	NO	(12) Blue crabs (1) Harvestfish	H2O 19.6, Air 24 SE 15-20 3'-6' w/ slight chop
024	1827	27° 48.825 96° 59.757	1907	27° 49.114 97° 00.800	Flood	42.9	S-N 2.5	NO	(8) Blue crabs (1) Cownose Ray	
025	1913	27° 49.110 97° 00.600	1953	27° 49.064 97° 00.789	Flood	37.3	S-N 2.5	NO	(8) Blue crabs	
026	1959	27° 49.219 97° 00.875	2039	27° 48.745 97° 00.060	EBB	45.8	S-N 2.5	NO	(6) Blue crabs Jelly fish Harvestfish	
027	2043	27° 48.852 97° 00.270	2123	27° 48.860 97° 00.247	EBB	43.8	S-N 2.5	NO	(17) Blue crabs (1) pink shrimp Jellyfish	
028	2130	27° 48.796 97° 00.045	2210	27° 49.219 97° 00.760	EBB	42.4	S-N 2.5	Kemps	7 AMBERJACK (1) BLUE CRAB	H2O- 19.7 Air 22.1 SE 15-20 2-5 slight chop
029	0010	27° 48.640 97° 97.016	0052	27° 48.645 96° 59.356	EBB	40.3	S-N 2.5	NO	clean	
030	0100	27° 48.643 96° 59.726	0142	27° 48.789 97° 00.102	EBB	44.5	N-S 2.5	NO	(1) cownose ray crabs	
031	0155	27° 48.686 96° 59.824	0237	27° 49.084 97° 00.926	EBB	37.0	N 2.5	NO	clean	
032	0245	27° 49.102 97° 00.496	0327	27° 48.722 97° 00.224	EBB	39.7	S 2.5	NO	(2) cownose Rays Crabs	

MARCH 23, 2007

Date MAR 23 / 2007 Dredge Site ARANSAS PASS / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V TWO DIDOS Biologist(s) TERRANCE TODD Capt STEPHAN KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 19.5 ° C

Air Temp 19-20° C Wind Spd / Dir SE 15-20 Wave Ht 3-6 Bottom Type Sand Station #'s 120 +00 → 240 +00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
033	0335	27° 48.416 97 00.666	0417	27 48.505 96 59.530		42.6	S 2.6	NO	Clean	P
034	0425	27° 48.610 96° 59.562	0507	27 49.390 97 01.388		37.7	N 2.5	NO	cownose rays Crabs	
035	0512	27 49.283 97° 01.362	0552	27 48.949 96 59.609		42.8	S 2.5	NO	Clean	Partly cloudy, Air 19, H_2O 19.5, 4-6' Seas
036	0602	27 48.505 96 59.512	0645	27 49.015 97 00.705		39.3	N 2.5	NO	clean	
037	0651	27 48.824 97 00.611	0731	27 48.931 97 00.300		45.9	S-N 2.5	NO	clean	
038	0744	27 49.266 97 00.943	0824	27 48.599 97 00.059		40.4	S-N 2.5	NO	(3) Blue Crabs Jellyfish	
039	0829	27 48.504 96 59.960	0909	27 49.110 97 00.510		42.1	N 2.5	NO	(4) Blue Crabs Jellyfish	
040	0915	27 49.075 97 00.390	0955	27 49.155 97 00.812		44.0	S 2.5	NO	Clean	
041	1003	27 49.275 97 01.065	1043	27 48.493 96 57.745		42.9	N-S 2.5	NO	Sargassum (4) Blue Crabs Jelly fish	
042	1050	27 48.540 96 59.680	1130	27 49.122 97 00.528		42.8	N 2.5	NO	Blue Crab	
043	1138	27 48.840 97 00.312	1148	27 48.677 97 00.042		44.0	S-N 2.5	NO	Clean	Rendevous w/ crewboat To Deliver reports

Date MAR / 23 / 2007 Dredge Site ARANSAS PASS / Corpus Christi Ship Channel Dredge M/V Columbus

Trawler F/V TWO DEDOS Biologist(s) Terrance Todd Capt Stephan Kstrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 19.8 ○ C

Air Temp 24 ○ C Wind Spd / Dir SE 15-20 Wave Ht 4 - 6 Bottom Type Sand Station #'s 120+00 → 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
044	1306	27° 48.880 97 00.375	1336	27° 48.960 97 00.190		40.5	S	NO	Sargassum	
045	1341	27° 49.075 97 00.410	1411	27° 49.002 97 00.495		46.0	N	NO	clean	
046	1415	27° 48.865 97 00.405	1421	27° 48.807 97 00.114		47.8	S	NO	clean	Snagged
047	1425	27° 48.615 97 00.060	1455	27° 49.340 97 00.925		38.4	N	NO	Crabs, Jelly fish Atlantic Sharpnose	
048	1503	27° 49.307 97 01.025	1533	27° 48.645 97 00.035		42.5	S	NO	clean	
049	1534	27° 48.517 96 59.914	1608	27° 49.286 97 00.611		35.7	N	NO	clean	
050	1612	27° 49.380 97 00.832	1642	27° 48.882 97 00.230		45.2	S	NO	crabs, Jelly	
051	1647	27° 48.879 97 00.149	1717	27° 49.041 97 00.361		40.2	N	NO	crabs	Loggerhead Turtle sighted @ 27.48.440N, 96 59.975W
052	1722	27° 49.187 97 00.623	1752	27° 48.992 97 00.335		47.9	S	NO	Bownose ray crabs Sargassum	
053	1758	27° 48.901 97 00.111	1828	27° 49.094 97 00.516		42.4	N	NO		4-6' Seas, Air 22, H2O 19.8, Partly cloudy
054	1836	27° 49.276 97 00.836	1906	27° 48.482 96 59.160		41.5	S	NO	crabs, Jellefish Sargassum	

Date MAR 23 / 2007 Dredge Site Aransas Pass / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V Two Dudes Biologist(s) Terrance Todd Capt Stephen Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 19.8 ° C

Air Temp 20.8 ° C Wind Spd / Dir SE 15-20 Wave Ht _____ Bottom Type Sand Station #'s 120 → 240

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
055	1913	27 48.505 96 59.815	1943	27 49.324 97 01.037		45.2	N 2.5	NO	Crab, Jellyfish, Sargassum, Butterfish	
056	1951	27 49.312 97 00.949	2021	27 48.570 96 59.806		42.6	S 2.5	NO	Clean	
057	2028	27 48.604 96 ~~59.878~~ 59.698	2102	27 49.459 97 01.194		45.7	N 2.5	NO	(1) cownose ray (3) Blue crabs	
058	2104	27 49.497 97 01.051	2138	27 48.556 96 59.803		43.0	S 2.5	NO	clean	
059	2149	27 48.581 96 59.868	2216	27 49.152 97 00.703		45.6	N 2.5	NO	Butterfish	
060	2227	27 49.338 97 01.046	2257	27 48.711 96 59.724		40.6	S 2.5	NO	Crabs, Jelly Butterfish	
061	2306	27 48.381 96 59.926	2336	27 49.144 97 00.789		40.7	N 2.5	Kemps Ridley	Crabs	Current Air 20.8 H2O 19.8 Sea 3'-5'
062	0157	27 48 500 97 00 157	0227	27 49.208 97 00.902		40.3	S-N 2.5	NO	clean	
063	0231	27 49.152 97 00 774	0301	27 48.901 97 00.104		39.6	S-N 2.5	NO	clean	
064	0317	27 49.271 97 00.887	0347	27 48.576 96 59.814		42.3	S 2.5	NO	(1) Atlantic Sharpnose	
065	0351	27 48 671 96 59.776	0421	27 49.223 97 00.729		41.6	N 2.5	NO	clean	

MAR 24, 2007

Date MAR / 24 / 2007 Dredge Site ARANSAS PASS / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V TWO DIDOS Biologist(s) Terrance Todd Capt Stephen Ivetovich

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20 ○ C

Air Temp 21-23 ○ C Wind Spd / Dir SE 15-20 Wave Ht 4-9 Bottom Type Sand Station #'s 120 tow → 240 tow

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
066	0430	27 49.153 97 00.805	0500	27 48.902 97 00.071	~~N-S~~ ~~2.5~~	39.9	N-S 2.5		Clean	
067	0503	27 48.964 97 00.197	0530	27 48.876 97 00.326	~~N-S~~ ~~2.5~~	40.2	N-S 2.5	Loggerhead Turtle	Crabs	Overcast, H_2O 20, Air 21. SE 20-30 w/ gusts 40+, very choppy, Dredging! trawling suspended
068	1935	27 49.645 97 01.774	2016	27 48.692 96 59.983	~~S~~ ~~2.5~~	42.1	S 2.5		Clean	Overcast, H_2O 20°C Air 23. Seas 4-5 w/ gentle roll.
069	2024	27 48.775 96 59.915	2104	27 49.604 97 01.574	~~N~~ ~~2.5~~	41.8	N 2.5		Clean	
070	2107	27 49.380 97 01.512	2147	27 48.758 97 00.141	~~S-N~~ ~~2.5~~	40.2	S-N 2.5		(2) cownose rays	
071	2153	27 48.782 97 00.016	2233	27 49.226 97 01.042		32.1	N-S 2.5		clean	
072	2237	27 49.112 97 00.814	2315	27 48.116 97 00.733		39.1	S-N 2.5		clean	
073	2325	27 49.065 97 00.533	2350	27 48.742 97 00.221		39.4	N-S 2.5		clean	
074	2352	27 48.614 97 00.357	0032	27 48.214 96 59.702		41.4	S 2.5		(2) Atlantic Sharpnose (1) cownose ray	
075	0042	27 48.545 97 00.139	0120	27 48.161 97 00.783		40.51	N-S 2.5		clean	
076	0130	27 48.055 97 00.409	0210	27 48.993 97 00.506		46.6	N-S 2.5		(2) cownose rays crabs	

MAR 25, 2007

Date MAR/ 25 / 2007 Dredge Site Aransas Pass / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V Two Didos Biologist(s) Terrance Todd Capt Stephan Kostrelja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.6 ○ C

Air Temp 19 ○ C Wind Spd / Dir SE 15-20 Wave Ht _____ Bottom Type Sand Station #'s 120 tow → 240 tow

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
077	0217	27 49.172 97 00.762	0257	27 44.615 96 59.842		44.0	S 2.5	NO	(2) cownose rays crabs	
078	0310	27 48.469 96 59.522	0350	27 48.963 97 00.694		39.3	N 2.5	NO	clean	
079	0400	27 49.228 97 00.384	0440	27 48.347 96 59.318		44.7	S 2.5	NO	clean	
080	0445	27 46.395 96 59.417	0525	27 49.271 97 01.133		36.9	N 2.5	NO	clean	
081	0530	27 49.338 97 00.991	0610	27 48.503 96 59.607		43.3	S 2.5	NO	(1) cownose rays crabs	
082	0620	27 48.328 96 59.184	0700	27 49.200 97 00.957		39.9	N 2.5	NO	(1) red drum cutlass fish	
083	0703	27 49.344 97 01.123	0743	27 48.506 96 59.300		43.5	S 2.5	NO	clean	
084	0744	27 48.321 96 59.310	0829	27 48.840 97 00.015		46.0	N 2.5	NO	(1) triple tail crabs, Jelly	
085	0833	27 48.779 96 59.861	0913	27 49.275 97 01.141		37.1	N 2.5	NO	Crabs	
086	0917	27 49.404 97 01.103	0957	27 48.482 96 59.665		43.3	S 2.5	NO	Clean	
087	1000	27 48.530 96 59.820	1040	27 49.355 97 00.976		42.7	N 2.5	NO	Crabs	

Date MAR / 25 / 2007 Dredge Site ~~M/O~~ ARANSAS PASS / Corpus Christi Ship Channel Dredge M/O Columbia

Trawler Two Didos Biologist(s) Terrance Todd Capt Stephan Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.6 ° C

Air Temp 22 ° C Wind Spd / Dir SE 10-15 Wave Ht 1-3 Bottom Type Sand Station #'s 120+00 → 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
088	1043	27 49.317 97 00.818	1123	27 48.789 97 00.315		40.0	S-N 2.5	NO	(1) Blue crab	
089	1138	27 49.160 97 00.997	1218	27 48.644 96 59.900		44.6	S 2.5	NO	clean	
090	1222	27 48.730 97 00.164	1302	27 48.704 96 59.785		47.0	N-S 2.5	NO	clean	
091	1307	27 48.585 96 59.799	1347	27 48.880 97 00.095		45.3	N-S 2.5	NO	clean	
092	1351	27 48.797 96 59.757	1431	27 48.912 97 00.188		46.8	N-S 2.5	NO	clean	
093	1435	27 48.860 97 00.030	1515	27 48.991 97 00.330		45.6	S-N 2.5	Kemps	clean	
094	1636	27 48.378 96 59.625	1716	27 49.353 97 01.001		42.8	N-S 2.5	NO	clean	
095	1720	27 49.292 97 00.874	1800	27 48.209 96 59.346		44.1	S 2.5	NO	(4) cownose rays (4) crabs (1) hardhead	
096	1806	27 48.360 96 59.535	1845	27 49.307 97 00.833		37.5	N 2.5	NO	(1) crab	
097	1849	27 49.211 97 00.667	1929	27 48.400 96 59.375		45.6	S 2.5	NO	clean	
098	1934	27 48.230 96 59.384	2014	27 49.252 97 01.072		37.4	N 2.5	NO	(1) Bull shark	

Date MAR / 25 / 2007 Dredge Site ARANSAS PASS / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V Two Dildos Biologist(s) Terrance Todd Capt Stephen Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.6 ○ C

Air Temp 21 ○ C Wind Spd / Dir SE 10-15 Wave Ht 1-3 Bottom Type Sand Station #'s 120+00 → 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
099	2021	27 49.227 97 01.056	2101	27 48.272 96 59.412		45.3	S 2.5	NO	Clean	
100	2105	27 48.294 96 59.406	2145	27 49.295 97 00.721		41.7	N 2.5	NO	crabs, Jellyfish	
101	2153	27 49.283 97 01.034	2233	27 48.640 96 59.750		47.8	S 2.5	NO	Clean	
102	2240	27 48.572 96 59.857	2320	27 49.171 97 00.600		41.7	N 2.5	NO	(1) Bonnethead	
103	2330	27 48.864 97 00.370	0010	27 48.823 97 00.267		42.6	S-N 2.5	NO	Clean	
104	0014	27 48.970 97 00.193	0054	27 49.201 97 00.620		38.5	S-N 2.5	NO	clean	
105	0059	27 49.156 97 00.713	0139	27 48.84 97 00.609		45.1	S-N 2.5	NO	(2) Cownose rays	
106	0146	27 49.065 97 00.030	0226	27 48.716 96 59.789		43.6	S 2.5	NO	clean	Traffic
107	0248	27 48.495 96 59.726	0328	27 49.205 97 00.637		42.2	N 2.5	NO	clean	
108	0330	27 49.213 97 00.717	0410	27 48.936 97 00.153		40.8	N-S 2.5	NO	clean	
109	0412	27 49.006 97 00.305	0452	27 48.676 97 00.046		40.1	N-S 2.5	NO	(1) Bucket (3) crabs (1) Bonnethead shark	

MARCH 26, 2007

Date MAR / 26 / 2007 Dredge Site Aransas Pass / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V Two Didos Biologist(s) Terrance Todd Capt Stephan Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.6 ° C

Air Temp 19 ° C Wind Spd / Dir SE15-25 Wave Ht 2-5 Bottom Type Sand Station #'s 120 too → 240 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
110	0459	27 48.821 96 59.959	0539	27 49.031 97 00.642		39.1	N-S 2.5	NO	(1) cownose ray	
111	0547	27 49.204 97 00.701	0627	27 48.935 97 00.135		40.0	N-S 2.5	Kemps	clam	
112	0825	27 48.895 97 00.256	0901	27 49.342 97 01.159		44.5	N-S 2.5	NO	clam	
113	0905	27 49.217 97 00.871	0909	27 49.206 97 00.784		45.3	N-S 2.5	NO		Starboard door Did not extend Pulled up and reset
114	0913	27 49.032 97 00.697	0951	27 49.364 97 01.262		38.6	N-S 2.5	NO	(1) cownose ray (1) Black drum	
115	0957	27 49.306 97 00.871	1037	27 49.235 97 00.974		39.4	N-S 2.5	NO	clam	
116	1043	27 49.400 97 01.045	1123	27 49.776 97 01.476		40.3	N-S 2.5	NO	clam	
117	1130	27 49.650 97 01.560	1210	27 48.877 97 00.040		43.3	N-S 2.5	NO	(3) cownose ray, crab Squid	
118	1216	27 48.901 97 00.074	1256	27 49.567 97 01.631		42.3	N-S 2.5	Kemps	crab	
119	1430	27 48.701 97 00.280	1509	27 49.520 97 01.324		39.3	N-S 2.5	NO	Clam	
120	1512	27 49.502 97 01.368	1552	27 49.065 97 00.289		39.1	N-S 2.5	NO	(1) cownose ray	Sugar line Broke

Date MAR / 26 / 2007 Dredge Site Aransas Pass / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V TWO DIDOS Biologist(s) Terrance Todd Capt Stephen Kotralis

Tide (Time, High Or Low): ____ Hrs, H / L ____ Hrs, H / L ____ Hrs, H / L ____ Hrs, H / L Water Temp 20.6 ○ C

Air Temp 21 ○ C Wind Spd / Dir SE 15-20 Wave Ht 1-3 Bottom Type Sand Station #'s 120 to → 240 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
121	1611	27 49.010 97 00.300	1651	27 49.082 97 00.572		43.2	N to S 2.5	NO	Sargassum (1) Cownose ray	
122	1657	27 49.149 97 00.914	1737	27 49.300 97 01.125		40.0	N-S 2.5	NO	(3) Cownose rays (1) Blue crab Sargassum	
123	1744	27 49.455 97 01.300	1824	27 49.401 97 01.505		42.0	N-S 2.5	NO	Jellyfish (4) Blue Crabs	
124	1830	27 49.314 97 00.821	1910	27 49.554 97 01.074		43.4	N-S 2.5	NO	clean	
125	1915	27 49.507 97 01.168	1955	27 49.293 97 01.134		40.3	N-S 2.5	NO	(1) Cownose ray	
126	2000	27 49.200 97 00.984	2040	27 49.181 97 00.986		32.9	N-S 2.5	NO	(2) Cownose ray	
127	2045	27 49.102 97 00.770	2126	27 49.061 97 00.687		39.8	N-S 2.5	NO	clean	
128	2130	27 49.118 97 00.625	2210	27 49.064 97 00.592		45.5	N-S 2.5	NO	clean	
129	2212	27 49.164 97 00.617	2252	27 49.114 97 00.588		42.9	N-S 2.5	Kemps Ridley	~~Kemps Ridley~~ Crabs	Broke Sugar line
130	2313	27 49.274 97 00.784	2353	27 49.282 97 00.763		37.3	N-S 2.5	NO	clean	
131	0140	27 48.934 97 00.355	0220	27 49.103 97 00.995		35.7	N-S 2.5	NO	(1) Cownose ray Crabs	

3/27/07

Date MAR / 27 / 2007 Dredge Site ARANSAS PASS / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V TWO DIDOS Biologist(s) Terrance Todd Capt Stephen Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.6 ○ C

Air Temp 18.6 ○ C Wind Spd / Dir 10-20 SE Wave Ht 1-3 Bottom Type Sand Station #'s 120 too → 248 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
132	0245	27 48.797 97 00.161	0325	27 49.580 97 01.586		43.4	S 2.5	NO	clean	
133	0335	27 49.501 97 01.266	0415	27 48.739 96 59.351		45.1	N 2.5	NO	(2) cownose rays	
134	0425	27 48.884 97 00.212	0505	27 49.581 97 01.592		43.6	S-N 2.5	NO	Clean	
135	0510	27 49.607 97 01.424	0550	27 48.744 97 00.056		46.2	S-N 2.5	NO	clean	
136	0555	27 48.809 97 00.077	0635	27 49.785 97 01.509		30.9	S-N 2.5	NO	clean	
137	0640	27 49.485 97 01.309	0715	27 49.372 97 01.049		41.2	N-S 2.5	NO	(2) cownose rays (1) Torpedo ray (1) Bonnethead	
138	0723	27 49.450 97 01.280	0803	27 48.939 97 00.050		39.0	N-S 2.5	NO	clean	wind 10-20 SE Seas 1-3 Air 18.6, H_2O 20.6
139	0807	27 49.030 97 00.222	0846	27 49.059 97 00.601		40.0	N-S 2.5	NO	(1) crab Jellyfish	
140	0853	27 48.877 97 00.425	0926	27 49.001 97 00.746		39.2	N-S 2.5	NO	Clean	
141	0929	27 49.084 97 00.734	1010	27 48.866 97 00.212		47.3	N-S 2.5	NO	Jelly fish (2) crab (4) cutlass fish	
142	1014	27 49.036 97 00.280	1054	27 49.148 97 00.527		41.9	N-S 2.5	NO	Jellyfish	

Date MAR / 27 / 2007 Dredge Site ARANSAS PASS / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V TWO DIDOS Biologist(s) Terrance Todd Capt Stephen Kotralija

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.8 ○ C

Air Temp 24.5 ○ C Wind Spd / Dir SE 10-15 Wave Ht 2-4 Bottom Type Sand Station #'s 120 to 240 to

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
143	1054	27 49.230 97 00.870	1138	27 49.263 97 00.856		41.5	N-S 2.5	NO	(1) Butterfish (1) cownose ray	
144	1143	27 49.187 97 00.620	1223	27 49.103 97 00.507		44.7	N-S 2.5	NO	clean	
145	1224	27 49.000 97 00.670	1303	27 49.076 97 00.405		39.9	N-S 2.5	NO	clean	
146	1310	27 49.121 97 00.175	1350	27 49.237 97 00.757		42.9	N-S 2.5	NO	clean	
147	1356	27 49.157 97 00.490	1436	27 49.240 97 00.740		40.3	N-S 2.5	NO	clean	
148	1441	27 49.123 97 00.724	1521	27 49.195 97 00.335		44.5	N-S 2.5	NO	clean	Overcast to partly cloudy Air 24.5, H2O 20.8 Sea 2-4
149	1525	27 49.350 97 00.895	1605	27 49.318 97 00.899		40.7	N-S 2.5	NO	Clean	
150	1610	27 49.336 97 01.126	1650	27 49.210 97 00.913		36.2	N-S 2.5	NO	(2) crabs	
151	1655	27 49.194 97 00.751	1735	27 49.532 97 01.154		35.4	N-S 2.5	Loggerhead (1)	(1) Crabs Butterfish	
152	1745	27 49.607 97 01.627	1625	27 49.357 97 00.647		37.2	N-S 2.5	NO	(1) Blackdrum (1) cownose ray	
153	1832	27 49.348 97 01.152	1912	27 49.400 97 01.088		40.9	N-S 2.5	NO	Clean	

Date MAR / 27 / 2007 Dredge Site ARANSAS PASS / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V Two Didos Biologist(s) Terrance Todd Capt Stephan Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.8 ° C

Air Temp 24.0 ° C Wind Spd / Dir SE 5-15 Wave Ht 1-3 Bottom Type Sand Station #'s 120+00 → 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
154	1919	27 49.493 97 01.340	1931	27 49.181 97 00.812		44.8	N-S 2.5	NO	clean	net ripped
155	2055	27 48.854 97 00.350	2133	27 49.181 97 00.897		40.3	N-S 2.5	NO	clean	
156	2137	27 49.107 97 00.751	2217	27 49.137 97 00.893		41.8	N-S 2.5	NO	(1) Black drum (1) Cownose ray	
157	2224	27 49.070 97 00.529	2304	27 49.612 97 01.519		49.1	N-S 2.5	NO	clean	
158	2310	27 49.508 97 01.500	2350	27 49.309 97 00.657		38.1	N-S 2.5	NO	clean	
159	2355	27 49.347 97 01.035	0035	27 49.095 97 00.664		42.6	N-S 2.5	NO	clean	
160	0038	27 49.131 97 00.810	0118	27 49.201 97 01.206		38.4	N-S 2.5	NO	(1) Atlantic Sharpnose (1) Cownose ray (4) Crabs	
161	0125	27 49.381 97 01.209	0205	27 49.035 97 00.353		40.5	N-S 2.5	NO	clean	Broke sweep line
162	0225	27 48.967 97 00.408	0305	27 49.084 97 00.392		38.2	N-S 2.5	NO	clean	
163	0308	27 49.017 97 00.275	0348	27 49.261 97 00.243		37.2	N-S 2.5	NO	clean	
164	0350	27 49.185 97 00.660	0430	27 49.063 97 00.433		44.1	N-S 2.5	NO	clean	

MAR 28, 2007

Date MAR / 28 / 2007 Dredge Site ARANSAS PASS/Corpus Christi Ship Channel Dredge M/V COLUMBIA

Trawler F/V Two DIDOS Biologist(s) Terrance Todd Capt Stephen Kotralja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.4 ○ C

Air Temp 19 ○ C Wind Spd / Dir SE 20-3 Wave Ht 3-5 Bottom Type Sand Station #'s 120too → 240too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
165	0434	27 49.004 97 00.467	0514	27 49.084 97 00.649		39.6	N-S 2.5	NO	(1) Atlantic Sharpnose (1) cownose ray (7) crabs	
166	0520	27 49.190 97 01.036	0600	27 49.221 97 01.087		35.6	N-S 2.5	NO	clean	
167	0606	27 49.381 97 01.086	0646	27 49.324 97 01.206		37.7	N-S 2.5	Loggerhead	clean	
168	0825	27 48.900 97 00.273	0905	27 49.072 97 00.576		45.3	N-S 2.5	NO	(1) cownose ray (8) crabs Sargassum	
169	0912	27 48.990 97 00.42	0947	27 49.105 97 00.801		38.4	N-S 2.5	NO	(1) Blue Catfish (Ictalurus furcatus)	Chain Broke on Starboard Door
170	1044	27 49.580 97 01.340	1124	27 49.036 97 00.432		45.5	N-S 2.5	NO	clean	
171	1131	27 49.150 97 00.812	1211	27 48.100 97 00.629		42.8	N-S 2.5	NO	(1) Triple Tail (1) Ling	
172	1220	27 46.992 97 00.395	1300	27 49.404 97 01.191		46.7	N-S 2.5	NO	(1) cownose ray	
173	1305	27 49.300 97 00.910	1345	27 49.562 97 01.123		37.7	N-S 2.5	Kemps ridley	(3) crabs	
174	1355	27 49.744 97 01.587	1435	27 49.160 97 00.473		38.3	N-S 2.5	NO	clean	
175	1438	27 49.247 97 00.688	1518	27 48.954 97 00.362		45.6	N-S 2.5	NO	clean	

Date MAR / 28 / 2007 Dredge Site ARANSASPASS / Corpus Christi Ship Channel Dredge M/V COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) Terrance Todd Capt Stefan Kotruljo

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.4 ○ C

Air Temp 25 ○ C Wind Spd / Dir SE 15-25 Wave Ht 3-5 Bottom Type Sand Station #'s 120 100 → 240 100

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
176	1640	27 49.000 97 00.610	1720	27 49.132 97 00.542		40.3	N-S 2.5	NO	clean	
177	1723	27 49.084 97 00.693	1803	27 48.252 97 00.704		37.1	N-S 2.5	NO	(4) crabs Jellyfish	
178	1811	27 49.411 97 00.904	1851	27 49.434 97 01.284		45.3	N-S 2.5	NO	clean	
179	1856	27 49.428 97 01.112	1936	27 49.388 97 01.109		47.1	N-S 2.5	NO	(1) cownose ray	
180	1940	27 49.362 97 01.008	2020	27 49.181 97 00.652		41.5	N-S 2.5	NO	(3) crabs	
181	2025	27 49.158 97 00.739	2105	27 49.397 97 01.408		37.7	N-S 2.5	NO	(19) crabs (1) herring	
182	2112	27 49.516 97 01.437	2152	27 49.043 97 00.604		44.8	N-S 2.5	NO	clean	
183	2155	27 49.087 97 00.763	2235	27 48.958 97 00.387		39.0	N-S 2.5	NO	(1) Black drum (4) crabs	
184	2241	27 49.025 97 00.423	2321	27 49.186 97 01.014		37.2	N-S 2.5	NO	clean	
185	2323	27 49.231 97 01.167	0003	27 49.004 97 00.501		47.1	N-S 2.5	NO	clean	
[redacted]										

Date MAR / 29 / 2007 Dredge Site ARANSAS PASS / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V TWO DIDOS Biologist(s) Terrance Todd Capt Stephan Kotula

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.4 ○ C

Air Temp 21.5 ○ C Wind Spd / Dir SE 20-30 Wave Ht 4-6 Bottom Type Sand Station #'s 120 tow → 240 tow

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
186	0007	27 49.029 97 00.558	0047	27 49.260 97 01.015		40.3	N-S 2.5	NO	clean	
187	0052	27° 49.179 97° 00.764	0132	27 49.304 97 01.057		44.1	N-S 2.5	NO	Clean	Seas Very choppy to rough - condition deteriorating rapidly
										Dredging Operations Suspended

Date MAR/31/2007 Dredge Site Aransas Pass / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V TWO DIDOS Biologist(s) Terrance Todd Capt Stephan Kotralja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.4 ○ C

Air Temp 20 ○ C Wind Spd / Dir SE 5-10 Wave Ht 4-6 Bottom Type Sand Station #'s 120 100 → 240 100

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
188	0613	27 48.869 97 00.187	0653	27 49.661 97 01.331		34.6	N 2.5	NO	(1) Redfish	
189	0659	27 49.543 97 01.070	0739	27 49.320 97 00.911		43.4	S 2.5	NO	(2) cownose ray (1) herring	
190	0746	27 49.392 97 01.060	0826	27 49.320 97 00.872		39.0	N 2.5	NO	(1) Black drum (3) cownose rays (1) Striped Burrfish	
191	0834	27 49.154 97 00.739	0914	27 49.869 96 59.999		40.2	S 2.5	NO	Clean	
192	0917	27 48.860 96 59.843	0957	27 49.262 97 01.044		40.7	N 2.5	NO	clean	
193	1002	27 49.141 97 00.823	1042	27 49.081 97 00.640		42.0	S 2.5	NO	(1) Black drum	
194	1049	27 49.150 97 00.641	1129	27 49.111 97 00.596		44.1	N 2.5	NO	clean	
195	1131	27 49.159 97 00.669	1132	27 49.142 97 00.726		41.7	N-S 2.5	NO	Clean	Door flipped
196	1216	27 49.148 97 00.727	1256	27 49.320 97 01.101		40.6	2.5 N-S	Kemps Ridley	(1) cownose ray (7) crabs	light drizzle Door flipped
197	1342	27 48.961 97 00.328	1422	27 49.044 97 00.889		37.5	N-S 2.5	NO	(1) cownose ray (3) crabs	
198	1428	27 48.981 97 00.584	1459	27 49.300 97 01.240		36.4	N-S 2.5	NO	clean	

Date MAR / 31 / 2007 Dredge Site Aransas Pass / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V Two DIDOS Biologist(s) Terrance Todd Capt Stephan Kostrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.4 ○ C

Air Temp 23 ○ C Wind Spd / Dir SE 10-15 Wave Ht 4 - 6 Bottom Type SAND Station #'s 120 too → 240 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
199	1502	27 49.166 97 01.023	1535	27 48.613 96 59.840		44.5	S 2.5	NO	(1) cownose Ray (3) crab	
200	1654	27 48.845 97 00.345	1734	27 48.185 97 01.030		36.7	N 2.5	No	clean	
201	1737	27 49.070 97 00.850	1817	27 48.440 97 01.362		48.1	S 2.5	Kemps ridley	(1) Burrfish (1) Herring	
202	1823	27 48.402 97 01.162	1839	27 48.720 97 01.144		43.5	N-S 2.5	NO	clean	
203	1943	27 48.722 97 00.106	2023	27 49.023 97 00.593		43.2	N-S 2.5	NO	(4) cownose rays (1) Blue catfish (6) Blue crabs	
204	2032	27 48.869 97 00.285	2112	27 49.508 97 01.431		42.4	S 2.5	Kemps Ridley	(2) crabs	
205	2118	27 49.291 97 01.195	2158	27 49.109 97 00.602		44.8	S-N 2.5	NO	(1) cownose ray	
206	2204	27 49.225 97 00.827	2244	27 49.286 97 00.961		44.9	S-N 2.5	Kemps Ridley	(1) crab	
207	2255	27 49.385 97 01.182	2335	27 48.810 97 00.226		42.1	S 2.5	NO	clean	
208	2340	27 49.012 97 00.157	0020	27 49.246 97 01.048		34.7	N 2.5	NO	(1) cownose ray	
209	0025	27 49.062 97 00.812	0105	27 49.530 97 01.161		35.5	N-S 2.5	NO	clean	

4/1/07

Date Apr / 01 / 07 Dredge Site Aransas Pass / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V Two DIDOS Biologist(s) Terrance Todd Capt Stephan Krotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.2 ○ C

Air Temp 19 ○ C Wind Spd / Dir 10-15 NE Wave Ht 1-3 Bottom Type Sand Station #'s 120 100 → 240 100

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
210	0108	27 49.491 97 01.081	0148	27 49.147 97 00.887		37.2	N-S 2.5	NO	clean	
211	0151	27 49.050 97 00.649	0231	27 48.853 97 00.580		38.1	S 2.5	NO	Clean	
212	0233	27 48.839 97 00.450	0313	27 49.028 97 00.765		43.1	N 2.5	NO	clean	
213	0315	27 49.011 97 00.588	0355	27 49.002 97 00.464		48.1	S-N 2.5	NO	clean	
214	0358	27 48.866 97 00.337	0438	27 49.210 97 00.965		40.0	S-N 2.5	NO	(1) cownose rays	NE winds 10-15 Seas 1-3 Scattered Showers
215	0441	27 49.136 97 00.881	0520	27 48.369 96 59.367		44.1	S 2.5	NO	clean	
216	0630	27 48.865 97 00.706	0710	27 49.011 97 00.627		38.9	N-S 2.5	NO	(1) Bonnethead (2) Cownose rays Butterfiss (4) crabs	
217	0713	27 49.133 97 00.600	0753	27 49.194 97 00.713		41.7	N-S 2.5	NO	(7) crabs Sarsassum	
218	0758	27 49.075 97 00.835	0838	27 49.420 97 01.330		41.3	N 2.5	NO	clean	
219	0843	27 49.305 97 01.087	0923	27 49.278 97 00.775		37.2	S 2.5	NO	Clean	
220	0926	27 49.338 97 00.992	1006	27 49.350 97 00.940		38.1	N-S 2.5	NO	clean	

Date Apr / 01 / 2007 Dredge Site Aransas Pass/Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V Two Dicios Biologist(s) Terrance Todd Capt Stephan Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.4 ○ C

Air Temp 22.0 ○ C Wind Spd / Dir 5-10 NE Wave Ht 1-5 Bottom Type Sand Station #'s 120+00 → 240+00

Sh. Ft SE 10-20

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
221	1012	27 49.443 97 01.130	1052	27 49.561 97 01.065		33.6	N-S 2.5	NO	(1) Bonnethead (1) cownose ray (4) Blue crabs Sargassum	
222	1059	27 49.223 97 00.970	1139	27 49.193 97 01.172		34.51	N-S 2.5	NO	Clean	
223	1143	27 49.165 97 01.069	1145	27 49.277 97 00.905		44.5	S 2.5	NO	—	Shackle Broke Fixed and replaced
224	1144	27 49.276 97 00.763	1223	27 49.444 97 00.997		33.4	S-N 2.5	NO	(1) Atlantic Sharpnose (1) Cownose ray (2) Crabs	
225	1231	27 49.371 97 00.735	1311	27 49.739 97 01.428		30.0	N 2.5	NO	Clean	H2O 21.4, Air 22.0 SE 10-20 Seas 2-5
226	1314	27 49.641 97 01.374	1354	27 49.170 97 00.618		39.7	S 2.5	NO	(1) Black Tip (1) cownose ray (1) Bonnethead (1) Butterfish	
227	1402	27 49.405 97 00.931	1442	27 49.053 97 00.091		44.4	N-S 2.5	NO	clean	
228	1445	27 49.025 97 00.465	1525	27 48.571 97 01.277		37.3	N 2.5	NO	clean	
229	1533	27 49.645 97 01.260	1613	27 48.766 97 00.362		39.3	S 2.5	NO	clean	
230	1615	27 48.855 97 00.334	1656	27 49.051 97 00.643		40.6	N-S 2.5	NO	clean	
231	1658	27 49.114 97 00.572	1738	27 49.056 97 00.717		39.1	N-S 2.5	NO	(1) ling (1) cownose ray (4) crabs	

Date Apr 1 01 / 07 Dredge Site Aransas Pass/Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V Two Dicks Biologist(s) Terrance Todd Capt Stephan Kotruljc

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.2 ○ C

Air Temp 24 ○ C Wind Spd / Dir 5-10 SE Wave Ht 2-5 Bottom Type Sand Station #'s 120 100 → 240 100

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
232	1747	27 49.299 97 00.920	1827	27 49.268 97 01.084		38.2	S-N 2.5	NO	clean	
233	1831	27 49.205 97 01.001	1911	27 49.195 97 00.976		40.2	S 2.5	NO	clean	
234	1914	27 49.123 97 00.872	1954	27 49.084 97 00.683		43.6	N-S 2.5	NO	(1) cownose ray (1) Atlantic sharpnose (6) crabs	
235	2001	27 49.112 97 00.589	2041	27 49.132 97 00.527		39.3	N-S 2.5	NO	(3) crabs	Loggerhead Turtle on surface @ N27 49.35, W97 01.238 ON Red side swimming
236	2044	27 49.174 97 00.620	2123	27 49.198 97 00.614		37.2	N-S 2.5	NO	clean	
237	2126	27 49.250 97 00.747	2206	27 49.223 97 01.052		42.6	N 2.5	NO	clean	
238	2208	27 49.392 97 01.121	2248	27 48.909 97 00.026		38.7	S 2.5	NO	clean	
239	2244	27 48.944 97 00.104	2324	27 48.264 97 00.784		39.1	N-S 2.5	NO	clean	
240	2326	27 49.320 97 00.892	0006	27 49.348 97 00.964		42.3	N-S 2.5	NO	(1) cownose ray (3) crabs	
241	0009	27 49.266 97 01.034	0049	27 49.276 97 00.963		44.5	S 2.5	NO	Clean	
242	0100	27 49.358 97 01.193	0140	27 49.350 97 01.135		43.7	S-N 2.5	NO	Clean	

Apr 02, 2007

Date Apr 1 02 1 2007 Dredge Site Aransas Pass / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V Two Dicks Biologist(s) Terrance Todd Capt Stephen Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.2 ○ C

Air Temp 20.5 ○ C Wind Spd / Dir 5-10 SE Wave Ht 1-3 Bottom Type Sand Station #'s 120 too → 240 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
243	0150	27 49.409 97 01.385	0230	27 48.409 97 01.247		44.1	S-N 2.5	NO	clean	
244	0235	27 49.415 97 01.307	0315	27 49.286 97 00.280		42.8	S 2.5	NO	clean	
245	0325	27 49.307 97 01.210	0405	27 49.467 97 01.349		44.1	N-S 2.5	NO	(1) cownose rays (5) crabs	
246	0420	27 49.520 97 01.383	0500	27 49.421 97 01.014		35.6	N-S 2.5	NO	clean	
247	0510	27 49.350 97 01.270	0550	27 49.437 97 01.413		39.0	N-S 2.5	NO	(6) crabs	
248	0600	27 49.476 97 01.362	0640	27 49.148 97 01.303		45.7	N-S 2.5	NO	clean	
249	0650	27 49.352 97 01.281	0725	27 49.254 97 00.941		44.0	S 2.5	NO	clean	Foggy Sea 1-3 H2O 21.2, Air 20.5
250	0732	27 49.438 97 01.113	0811	27 49.412 97 01.118		45.0	S-N 2.5	NO	Jellyfish, (7) crabs (1) cownose ray (1) Atlantic Stingaree Butterfish	
251	0818	27 49.344 97 01.141	0858	27 49.168 97 00.865		40.4	S 2.5	NO	clean	
252	0902	27 49.067 97 00.685	0942	27 49.265 97 00.839		40.7	N-S 2.5	NO	(2) cownose rays (3) crabs Sea-sassing	
253	0949	27 49.202 97 00.951	1029	27 49.132 97 00.779		40.9	N-S 2.5	NO	(2) cownose rays	

Date Apr / 02 / 07 Dredge Site Aransas Pass / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V Two Didos Biologist(s) Terrance Todd Capt Stephan Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.7 ○ C

Air Temp 25 ○ C Wind Spd / Dir 5-10 SE Wave Ht 0-2 Bottom Type Sand Station #'s 120 too → 240 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
254	1037	27 49.155 97 06.620	1117	27 49.230 97 00.730		40.4		No	Clean	
255	1120	27 49.300 97 00.872	1200	27 49.415 97 01.059		37.8		No	(2) cownose rays (4) crabs	
256	1210	27 49.289 97 01.186	1250	27 49.055 97 00.625		41.7		No	clean	
257	1253	27 49.129 97 00.649	1333	27 49.156 97 00.641		42.6		No	(15) crabs	
258	1341	27 49.389 97 01.100	1421	27 49.071 97 00.741		39.5		No	clean	
259	1424	27 49.077 97 00.613	1503	27 49.046 97 00.633		40.8		No	(5) crabs (1) cownose ray (1) stur fish	
260	1509	27 49.240 97 00.742	1549	27 49.318 97 00.989		43.5		No	clean	
261	1555	27 49.286 97 01.184	1635	27 49.282 97 01.091		39.1		No	clean	
262	1642	27 49.150 97 00.763	1722	27 49.097 97 00.656		44.0		No	(1) cownose ray Jellyfish (2) crabs	Starboard door flipped
263	1810	27 49.300 97 01.094	1850	27 49.510 97 01.470		40.4		No	Clean	
264	1854	27 49.550 97 01.345	1934	27 49.161 97 00.859		40.3		No	clean	

Date Apr / 02 / 07 Dredge Site Aransas Pass / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V Two Didos Biologist(s) Terrance Todd Capt Stephan Kotvaljs

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.7 ° C

Air Temp 23 ° C Wind Spd / Dir SE 5-10 Wave Ht 1 - 2 Bottom Type Sand Station #'s 120 100 → 240 100

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
265	1937	27 49.107 97 00.744	2016	27 49.004 97 00.692		39.2	N-S 2.5	NO	(4) Crabs (1) Cownose ray (1) Brown shrim Butterfish	
266	2023	27 49.164 97 00.561	2103	27 49.255 97 00.675		36.9	N-S 2.5	NO	Jelly fish (3) crabs (1) cownose ray	
267	2109	27 49.431 97 00.975	2149	27 49.348 97 01.102		43.0	N 2.5	NO	clean	
268	2154	27 49.306 97 01.207	2234	27 49.188 97 00.985		37.4	S 2.5	NO	clean	
269	2236	27 49.135 97 00.858	2316	27 49.170 97 00.516		37.4	N-S 2.5	NO	clean	
270	2319	27 49.263 97 00.691	2359	27 49.440 97 01.023		33.6	N 2.5	Kemps	(1) Red fish (3) Crabs (1) cownose ray	
271	0006	27 49.298 97 01.080	0046	27 49.237 97 00.974		42.8	S 2.5	NO	clean	
272	0048	27 49.160 97 00.859	0128	27 49.153 97 00.586		41.1	N-S 2.5	NO	(1) Atlantic Sharpnose (4) crabs	
273	0135	27 49.319 97 00.963	0215	27 49.429 97 01.191		46.2	N 2.5	NO	clean	
274	0218	27 49.350 97 01.223	0258	27 49.206 97 01.096		36.7	S-N 2.5	NO	clean	
275	0306	27 49.126 97 00.981	0340	27 49.203 97 00.932		40.9	N-S 2.5	NO	clean	

April 03, 2007

Date Apr /03 / 07 Dredge Site Aransas Pass / Corpus Christi Ship Channel Dredge M/V Columbia

Trawler F/V Two Didos Biologist(s) Terrance Todd / Capt Stephan Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.7 ° C

Air Temp 21.2 ° C Wind Spd / Dir 5 - 10 SE Wave Ht 1 - 3 Bottom Type Sand Station #'s 120 too → 240 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
276	0344	27 49.073 97 00.734	0424	27 49.205 97 00.866		44.8	N-S 2.5	NO	Clean	
277	0426	27 49.150 97 00.761	0506	27 49.208 97 00.551		37.2	N-S 2.5	NO	clean	
278	0508	27 49.316 97 00.665	0548	27 49.288 97 00.860		42.1	N-S 2.5	NO	(4) crabs (1) whiteshrimp	
279	0555	27 49.324 97 01.066	0635	27 49.324 97 00.954		41.1	S-N 2.5	NO	(1) Bonnethead	Air 21.2, H2O 21.7 Seas 1-3 SE 5-10
280	0638	27 49.300 97 01.060	0718	27 49.208 97 00.740		44.01	S-N 2.5	NO	Clean	
281	0721	27 49.335 97 00.835	0736	27.49.288 97.01.068		42.8	N 2.5	NO	(1) cownose Ray (7) crabs (1) Burrfish	Slight Haze
282	0907	27 48.978 97 00.369	0930	2749320 9701097		41	N 2.5	NO	(2) RAYS (1) CRAB	GIS FRYE REPLACED TERRANCE TODD
283	0947	49.188 00.793	1027	49.170 00.761		45	2.7	NO	1 - RAY STARFISH	
284	1034	49.311 00.789	1114	49.351 00.937		38	2.9	NO	1 - TRIPLETAIL 4 - COWNOSE RAYS BUTTERFISH	
285	1123	49.419 01.248	1203	49.164 00.971		38	2.6	NO	1 - RAY 5 - BLUE CRABS	
286	1213	49.115 00.831	1253	49.156 00.807		44	2.4	NO	1 - CN. RAY	

Date 04/03/07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) Fritz Frye Capt KROTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 22 o C

Air Temp ____ o C Wind Spd / Dir SSE 5-10 Wave Ht 2-3' Bottom Type SAND Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
287	1258	27° 49.092 97° 00.639	1338	27° 49.251 97° 00.994		44	2.4	NO	1 - RAY	
288	1341	49.197 00.867	1421	49.218 01.049		38	2.9	NO	2 - SHARKS 5 - RAYS 3 - BLUE CRABS	
289	1427	49.134 00.770	1507	49.208 00.967		40	2.7	NO	Ø	
290	1511	49.175 00.842	1551	49.189 60.959		39	2.4	NO	2 - RAYS 3 - BLUE CRABS	
291	1558	49.103 00.723	1638	49.137 00.529		43	2.7	C. CARETTA	1 - BLUE CRAB	
292	1645	49.345 00.851	1725	49.374 01.169		41	2.9	NO	Ø	
293	1728	49.311 01.688	1808	49.256 01.001		43	2.6	NO	Ø	
294	1811	49.067 00.652	1851	49.059 00.777		38	2.8	NO	3 - BLUE CRABS	
295	1854	49.177 00.693	1934	49.274 00.815		39	3.1	NO	Ø	
296	1937	49.326 00.902	2017	49.353 01.085		46	2.9	NO	1 - BLUE CRAB	
297	2020	49.211 01.033	2100	49.065 00.566		45	3.1	NO	1 - BLUE CRAB	

Date 04/05/07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) [illegible] Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 22 o C

Air Temp ____ o C Wind Spd / Dir SSE 5-10 Wave Ht 2-3' Bottom Type SAND Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
298	2103	27° 49.178 97° 00.574	2114	27° 49.339 97° 00.982		42	2.6	NO	Ø	CHECK GEAR
299	2118	49.177 00.996	2158	49.350 00.959		42	2.3	NO	4-BLUE CRABS STARFISH	
300	2203	49.396 01.152	2219	49.036 00.581		45	2.8	NO	Ø	RELOCATE TURTLE

Date 04 / 04 / 07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) MITS FRYE Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 22.0 C

Air Temp _____ o C Wind Spd / Dir SSE ~10 Wave Ht 2-3' Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
301	0010	27°49.059 97°00.507	0050	27°49.149 97°00.688		44	2.9	NO	1-SHARK 1-RAY 4-CRABS	
302	0054	49.274 00.840	0134	48.964 00.450		45	2.7	NO	1-RAY 2-BLUE CRABS	
303	0150	49.443 01.147	0230	49.207 01.177		36	2.6	NO	1-BLUE CRAB	NET REPAIR
304	0328	49.289 00.789	0408	48.806 00.309		41	2.6	NO	2-RAYS 6-BLUE CRABS	
305	0415	49.017 00.503	0455	49.216 00.671		40	2.8	NO	1-RAY 1-BLUE CRAB	
306	0504	49.305 00.907	0544	49.196 00.553		39	2.9	NO	Ø	
307	0550	49.192 00.734	0630	48.979 00.388		48	2.7	NO	Ø	
308	0635	49.210 00.627	0715	48.786 00.551		37	2.7	NO	1-SHARK BUTTERFISH	
309	0729	48.976 00.436	0809	49.201 00.941		41	2.8	NO	Ø	
310	0814	49.094 00.742	0854	49.008 00.547		45	2.6	NO	2-BLUE CRABS	UNFOUL GEAR
311	0927	49.053 00.452	1007	49.211 00.663		40	2.5	NO	1-RAY 5-BLUE CRABS	

Date 04/04/07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) Kits Frye Capt KORULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 22 ○ C

Air Temp _____ ○ C Wind Spd / Dir NE 10-15 Wave Ht 2-3' Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6"	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
312	1010	27° 49.273 97° 00.810	1050	27° 48.723 97° 00.214		40	2.3	NO	Ø	UNTANGLE GEAR
313	1123	48.918 00.642	1203	49.197 00.718		43	2.9	NO	Ø	
314	1206	49.260 00.885	1246	49.331 01.162		43	3.1	NO	2 - RAYS 1 - BLUE CRABS	T. TRUNCATUS ENTANGLED SEE REPORT
315	1314	49.103 00.654	1354	49.221 01.175		36	2.5	NO	1 - RAY 4 - BLUE CRABS	
316	1402	49.136 00.985	1437	49.186 00.945		39	2.7	NO	3 - BLUE CRABS	CREW BOAT
317	1523	49.376 01.310	1603	49.105 00.858		39	2.9	NO	Ø	
318	1606	49.044 00.719	1646	49.115 00.831		39	2.3	NO	1 - BLUE CRAB	
319	1650	49.083 00.648	1730	49.107 00.697		43	2.9	NO	9 - BLUE CRABS JELLYFISH	SEA GRASS
320	1737	49.106 00.501	1817	49.229 00.712		40	2.7	NO	JELLYFISH	
321	1822	49.114 00.837	1902	49.182 01.033		39	2.4	NO	1 - RAY BUTTERFISH	
322	1910	49.092 00.808	1950	49.379 01.130		44	2.7	NO	1 - HAMMERHEAD 1 - RAY 2 - BLUE CRABS	

Date 04/04/07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) [illegible] Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.8 o C

Air Temp _____ o C Wind Spd / Dir NE ~15-20 Wave Ht 3-4' Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
323	2005	27°49.319 97°00.836	2045	27°49.297 97°01.593		36	2.8	NO	1 - BONNETHEAD 3 - BLUE CRABS	
324	2050	49.289 01.268	2130	49.429 01.228		46	2.6	NO	BUTTERFISH	
325	2134	49.434 01.548	2214	49.172 00.664		43	2.8	NO	Ø	
326	2217	49.137 00.526	2257	49.009 00.625		40	2.4	NO	BUTTERFISH	

Date 04/05/07 Dredge Site Corpus Christi, TX Dredge Columbia

Trawler Two Didos Biologist(s) Tib Frye Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.8 ° C

Air Temp _____ ° C Wind Spd / Dir NE 15-20 Wave Ht 3-5' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
327	0202	27° 48.869 97° 00.194	0242	27° 49.655 97° 00.700		40	2.5	No	Ø	Repairs completed
328	0245	49.098 00.667	0325	49.327 01.242		38	2.7	No	1-Ray 3-Blue Crabs	
329	0331	49.192 01.060	0411	49.016 00.611		39	2.5	No	1-Shark 1-Ray 1-Catfish	
330	0427	49.255 01.328	0507	49.154 00.867		41	2.9	No	Ø	
331	0510	49.106 00.777	0550	49.288 00.851		45	2.7	No	Harvestfish	
332	0553	49.341 00.956	0633	49.223 01.060		39	2.6	No	Ø	
333	0636	49.149 00.942	0716	49.004 00.647		42	2.8	No	Ø	
334	0719	49.123 00.572	0759	49.196 00.728		45	2.5	No	4-Rays 2-Blue Crabs	
335	0805	49.115 00.857	0845	49.111 00.547		44	2.8	No	Ø	
336	0848	49.196 00.689	0928	49.429 01.146		47	2.9	No	2-Rays 3-Blue Crabs	
337	0943	49.556 01.142	1023	49.067 00.820		38	2.5	No	Ø	

Date 04 / 05 / 07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) [illegible] Capt KOTRULJIA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 22.1 ○ C

Air Temp _____ ○ C Wind Spd / Dir NE 20-25 Wave Ht 4-6' Bottom Type SAND/SILT Station #'s 120+00 – 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
338	1026	27° 49.118 97° 00.829	1106	27° 49.611 97° 01.230		35	3.1	NO	1-SHARK	UNTANGLE NET
339	1155	48.939 00.442	1235	49.004 00.558		43	2.3	NO	Ø	
340	1239	49.063 00.491	1319	49.022 00.447		48	2.4	NO	HARVESTFISH	
341	1324	49.167 00.503	1404	49.310 00.804		36	2.8	NO	HARVESTFISH	
342	1410	49.386 00.928	1450	49.084 00.605		45	2.6	NO	2-RAYS 3-BLUE CRABS	
343	1458	49.350 00.793	1558	49.133 00.667		44	2.6	NO	HARVESTFISH STAR FISH	
344	1543	49.266 00.858	1621	49.378 01.040		43	2.7	NO	Ø	
345	1625	49.326 01.217	1705	49.214 01.013		38	2.5	NO	Ø	
346	1708	49.138 00.833	1748	49.011 00.636		41	2.6	L. kempi	2-BLUE CRABS	
347	1801	49.194 00.745	1841	49.282 00.828		40	2.9	NO	1-RAY 5-BLUE CRABS	
348	1849	49.274 01.120	1929	49.060 00.394		42	2.4	NO	1-SHEEPHEAD 2-BLUE CRABS	

Date 04 / 05 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) Stis Frye Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 22.20 C

Air Temp _____ ° C Wind Spd / Dir NE 15-20 Wave Ht 3-4' Bottom Type Sand / Silt Station #'s 125+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
349	1935	27° 48.936 97° 00.654	2015	27° 49.152 97° 00.644		45	2.1	No	Ø	
350	2018	49.242 00.785	2058	49.276 01.066		39	2.5	No	1 - Black Drum 2 - Rays 14 - Blue Crabs	
351	2114	49.027 00.733	2154	49.125 00.609		44	2.7	No	Ø	
352	2157	49.221 00.762	2219	49.164 00.854		39	2.8	No	2 - Rays 1 - Burrfish 5 - Blue Crabs	Relocate Turtle

Date 04/06/07 Dredge Site Corpus Christi, TX Dredge Columbia

Trawler Two Didos Biologist(s) Rits Frye Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 22.1 ○ C

Air Temp _____ ○ C Wind Spd / Dir NE 10-15 Wave Ht 2-4' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
353	0001	27° 48.922 97° 00.639	0041	27° 49.126 97° 00.517		39	2.8	No	1 - Ray 4 - Blue Crabs	
354	0045	48.986 00.393	0125	49.169 00.527		37	2.6	No	2 - Ray 1 - Shark 7 - Blue Crabs	
355	0133	48.942 00.275	0213	49.103 00.527		45	2.9	No	5 - Rays 2 - Blue Crabs	
356	0221	48.019 00.530	0301	49.037 00.522		46	3.0	No	1 - Redfish Harvestfish Butterfish	
357	0309	49.051 00.725	0349	49.118 00.353		38	2.6	No	Ø	
358	0355	49.016 00.688	0435	48.976 00.461		47	2.6	No	Ø	
359	0440	49.064 00.692	0520	49.047 00.377		42	2.7	No	1 - Shark 2 - Rays 4 - Blue Crabs	
360	0530	49.012 00.556	0610	49.112 00.506		45	2.7	No	Ø	
361	0615	49.009 00.679	0655	48.971 00.397		47	2.7	No	Harvestfish Butterfish	
362	0703	49.403 00.616	0743	49.318 01.168		42	2.4	No	Ø	
363	0747	49.312 01.143	0827	49.160 00.961		38	2.5	No	Ø	

Date 04/06/07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) STIB FRYE Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.9 ○ C

Air Temp _____ ○ C Wind Spd / Dir NE 10-15 Wave Ht 2-4 Bottom Type SAND/SILT Station #'s 120+00 – 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
364	0851	27° 49.069 97° 00.791	0911	27° 49.101 97° 00.652		45	2.7	NO	Ø	
365	0915	49.245 00.849	0955	49.364 00.957		39	2.7	NO	STARFISH	
366	1000	49.272 01.094	1040	49.399 01.201		46	2.4	NO	1-RAY ~200-BLUE CRABS	
367	1048	49.349 00.989	1054	49.235 00.857		45	2.6	NO	SQUID	CAUGHT SNAG REPLACE STBD NET
368	1153	49.321 01.229	1233	48.800 00.465		40	2.3	NO	1-SHARK 1-RAY 7-BLUE CRABS	SHIP TRAFFIC
369	1250	48.960 00.457	1330	49.172 00.599		41	3.2	NO	Ø	
370	1333	49.256 00.770	1413	49.211 00.692		43	2.7	NO	Ø	
371	1416	49.293 00.806	1456	49.208 00.729		42	2.8	NO	Ø	
372	1459	49.314 00.896	1539	49.379 00.993		39	2.8	NO	1-SHARK SQUID	
373	1546	49.378 00.982	1626	49.331 00.985		44	2.4	NO	Ø	SHIP TRAFFIC
374	1632	49.261 00.753	1712	49.354 00.882		36	3.0	NO	Ø	

Date 04/06/07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) TED FRYE Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.9 ○ C

Air Temp _____ ○ C Wind Spd / Dir NE ~10 Wave Ht 2-4 Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
375	1718	27° 49.254 97° 00.673	1758	27° 49.340 97° 00.933		39	2.8	NO	Ø	
376	1804	49.507 01.031	1844	49.399 00.845		34	2.9	NO	1 - SHARK HARVESTFISH 3 - BLUE CRABS	
377	1850	49.200 00.689	1930	48.964 00.242		45	2.7	NO	Ø	
378	1933	49.071 00.337	2013	49.298 00.573		36	2.8	L. KEMPI	1 - RAY 2 - BLUE CRABS	
379	2024	49.512 01.024	2104	49.294 00.729		36	2.7	NO	1 - RAY	
380	2113	49.169 00.584	2153	49.295 00.772		36	2.7	NO	2 - RAYS HARVESTFISH	
381	2202	49.148 00.430	2242	49.545 01.100		32	2.9	NO	Ø	
382	2248	49.654 01.122	2328	49.419 00.945		33	2.4	NO	1 - RAY	RELOCATE TURTLE

Date 04 / 07 / 07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) Fitz Fryle Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.9 ○ C

Air Temp _____ ○ C Wind Spd / Dir NE 20-25 Wave Ht 5-6' Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
383	0115	27° 48.975 97° 00.329	0155	27° 49.038 97° 00.395		44	2.6	NO	Ø	
384	0159	49.030 00.307	0239	49.071 00.412		41	2.9	NO	Ø	
385	0242	49.115 00.492	0322	49.320 00.841		38	2.6	NO	1-RAY	
386	0328	49.388 00.941	0408	49.074 00.363		40	2.6	NO	Ø	
387	0412	49.074 00.356	0452	49.242 00.657		39	2.8	NO	Ø	
388	0455	49.277 00.763	0505	49.354 00.881		39	2.7	NO	Ø	TRAWLING SUSPENDED DUE TO WEATHER

Date 04 / 08 / 07 Dredge Site Corpus Christi, TX Dredge Columbia

Trawler Two Didos Biologist(s) [illegible] Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 18.00 C

Air Temp _____ ° C Wind Spd / Dir NE 20-25 Wave Ht 6-8' Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
389	1946	27° 49.337 97° 01.164	2026	27° 49.085 97° 00.550		47	2.8	No	Ø	WEATHER CONDITIONS TOO ADVERSE FOR SAFE OPERATION. TRAWLER TO ANCHOR.

Date 04/09/07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) MITS FRYE Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 18.0 ○ C

Air Temp _____ ○ C Wind Spd / Dir NE 20-25 Wave Ht 4-6' Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
390	0730	27°48.734 97°00.343	0810	27°49.315 97°01.165		40	3.0	NO	Ø	RESUMED TRAWLING
391	0813	49.260 01.051	0853	49.391 01.014		39	2.9	NO	5 - RAYS 2 - BLACK DRUM 4 - BLUE CRABS	
392	0905	49.350 01.126	0945	49.427 01.181		49	2.9	NO	8 - RAYS	
393	0953	49.558 01.491	1033	49.085 00.294		41	2.8	NO	Ø	
394	1037	49.173 00.396	1117	48.932 00.220		45	2.5	NO	14 - RAYS 1 - BLACK DRUM 2 - BLUE CRABS	
395	1127	48.806 00.012	1207	49.243 00.636		42	2.6	NO	2 - RAYS 3 - BLUE CRABS	
396	1214	49.307 00.622	1254	49.102 00.361		42	3.1	NO	3 - RAYS 8 - BLUE CRABS	
397	1303	49.314 00.655	1343	49.472 01.015		35	3.0	NO	1 - RAY	
398	1348	49.583 01.182	1428	49.486 00.952		34	3.3	NO	2 - RAYS 5 - BLUE CRABS BUTTERFISH	
399	1436	49.616 01.197	1516	49.331 00.946		44	2.4	NO	Ø	
400	1519	49.317 00.851	1559	49.553 01.222		39	3.1	NO	Ø	

Date 04 / 09 / 07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) TIM FRYE Capt KORULJIA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 18.0 ○ C

Air Temp _____ ○ C Wind Spd / Dir E 20-25 Wave Ht 5-7 Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
401	1603	27°49.638 97°01.303	1643	27°49.418 97°00.931		34	2.7	NO	Ø	
402	1647	49.447 00.942	1727	49.559 01.108		36	2.3	NO	4- RAYS CUTLASSFISH	
403	1734	49.411 00.911	1814	49.499 01.022		34	2.5	NO	Ø	
404	1817	49.432 00.890	1857	49.592 01.176		34	2.9	NO	Ø	
405	1901	49.514 01.072	1941	49.530 01.057		31	2.7	NO	CUTLASSFISH	
406	1945	49.395 00.931	2025	49.539 00.980		33	2.5	NO	Ø	
407	2028	49.389 00.822	2108	49.368 00.844		35	2.8	NO	Ø	
408	2111	49.356 00.692	2151	49.351 00.726		36	2.9	NO	Ø	
409	2154	49.331 00.599	2234	49.202 00.554		36	2.7	NO	1- REDFISH	
410	2239	49.262 00.537	2319	49.363 00.819		35	2.7	NO	4- RAYS 1- BURRFISH	

Date 04 / 10 / 07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) [illegible] Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 17.0 ° C

Air Temp _____ ° C Wind Spd / Dir E ~15 KTS Wave Ht 4-6' Bottom Type SAND / SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
411	2327	27° 49.332 97° 00.738	0007	27° 49.265 97° 00.663		39	3.1	NO	Ø	
412	0011	49.135 00.481	0051	49.107 00.410		39	3.0	NO	1 - STINGRAY 2 - CATFISH 1 - BLUE CRAB	
413	0057	49.019 00.248	0137	49.018 00.333		45	2.7	NO	Ø	
414	0145	49.093 00.250	0225	49.044 00.184		40	3.0	NO	6 - RAYS 5 - BLUE CRABS BUTTERFISH	
415	0235	48.995 00.297	0315	49.260 00.474		36	2.7	NO	2 - RAYS 1 - BLACK DRUM 3 - BLUE CRABS	
416	0324	49.088 00.428	0404	48.961 00.147		43	2.9	NO	2 - RAYS 5 - CATFISH BUTTERFISH	
417	0416	49.025 00.046	0456	49.195 00.497		38	2.6	NO	10 - RAYS 1 - CATFISH	
418	0512	48.947 00.266	0552	48.990 00.327		45	2.9	NO	Ø	
419	0557	49.063 00.220	0637	49.262 00.501		39	2.9	NO	3 - RAYS 2 - CATFISH HARVESTFISH	
420	0648	48.971 00.124	0728	49.348 00.602		37	3.0	NO	1 - RAY LOOKDOWNS CUTLASSFISH	
421	0735	49.278 00.433	0815	49.529 00.783		35	2.9	NO	2 - RAYS BUTTERFISH	

Date 04 / 10 / 07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) KIRS FRYE Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 17.0 ○ C

Air Temp _____ ○ C Wind Spd / Dir SE ~ 5-10 Wave Ht 1' Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
422	0822	27° 49.207 97° 00.401	0902	27° 49.474 97° 00.808		37	2.8	NO	Ø	
423	0906	49.304 00.652	0946	49.437 00.777		36	2.9	NO	1 - RAY CUTLASSFISH	
424	0950	49.279 00.607	1030	49.264 00.556		39	2.6	NO	4 - RAYS 3 - CATFISH 3 - BLUE CRABS	* SHRIMP TRAWLER TOWING GEAR ~3 KTS NNE OF CHANNEL
425	1037	49.280 00.509	1117	49.219 00.515		39	2.8	NO	Ø	
426	1120	49.291 00.612	1200	49.070 00.304		40	2.5	NO	1 - TRIPLETAIL 2 - RAYS CUTLASSFISH	
427	1208	49.333 00.608	1248	49.215 00.456		38	3.0	NO	Ø	
428	1251	49.321 00.635	1331	49.330 00.664		36	2.9	NO	Ø	
429	1334	49.421 00.851	1414	49.275 00.644		39	2.8	NO	2 - SHARKS 3 - RAYS CUTLASSFISH	
430	1423	49.527 00.965	1503	49.557 00.961		33	2.6	NO	1 - RAY CUTLASSFISH	
431	1508	49.443 00.831	1548	49.374 00.695		37	2.9	NO	1 - BLUE CRAB HARVESTFISH LOOKDOWNS	
432	1557	49.200 00.485	1637	49.434 00.591		37	2.7	NO	Ø	

Date 04 / 10 / 07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) STIS FRYE Capt KOSTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 19.2 ○ C

Air Temp _____ ○ C Wind Spd / Dir S 5-10 KTS Wave Ht 1-2' Bottom Type SAND / SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
433	1641	27° 49.265 97° 00.440	1721	27° 49.654 97° 00.906		33	2.7	NO	HARVESTFISH BUTTERFISH	
434	1726	49.412 00.672	1806	49.514 00.847		36	2.9	NO	CUTLASSFISH HARVESTFISH BUTTERFISH	
435	1812	49.557 00.114	1852	49.371 00.732		36	3.1	NO	Ø	
436	1857	49.500 00.876	1937	49.024 00.413		46	2.8	NO	6 - RAYS BUTTERFISH	
437	1946	49.287 00.828	2026	49.154 59.975		41	2.9	NO	BUTTERFISH	TWO DIDOS TO ANCHOR FOR MAINTENANCE AND NET REPAIR.

Date 04 / 11 / 07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) MS FRYE Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.20 C

Air Temp _____ ○ C Wind Spd / Dir SE 10-15 Wave Ht 1-3' Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6'	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
438	0924	27° 49.586 97° 01.023	1004	27° 49.416 97° 00.525		37	2.8	NO	Ø	RESUMED TRAWLING
439	1007	49.490 00.617	1047	48.955 00.099		41	3.1	NO	Ø	
440	1051	49.096 00.154	1131	49.259 00.539		38	2.6	NO	Ø	
441	1135	49.099 00.395	1215	49.557 01.242		36	2.5	NO	1 - RAY BUTTERFISH	
442	1221	49.447 00.971	1301	49.107 00.347		40	2.8	NO	BUTTERFISH	REPAIR SUGARLINE
443	1308	49.212 00.631	1348	49.261 00.663		38	2.7	NO	Ø	
444	1351	49.038 00.530	1430	49.606 01.047		32	2.4	NO	1 - RAY 1 - BLUE CRAB BUTTERFISH	BOARDED BY COAST GUARD
445	1517	49.189 00.312	1557	48.963 00.289		45	2.6	NO	2 - RAYS 1 - BLUE CRAB CUTLASSFISH	
446	1603	49.119 00.264	1643	48.974 00.234		42	2.7	NO	Ø	
447	1647	49.075 00.309	1727	49.007 00.263		41	2.6	NO	Ø	
448	1731	49.087 00.210	1811	49.249 00.581		37	2.7	NO	CUTLASSFISH	

Date 04 / 11 / 07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) MITS FRYE Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.6 ○ C

Air Temp _____ ○ C Wind Spd / Dir SE 10-15 Wave Ht 1-3' Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
449	1815	27° 49.417 97° 00.992	1855	27° 49.069 97° 00.405		41	2.8	NO	1-SHARK 2-RAYS CUTLASSFISH	
450	1904	49.324 00.848	1944	49.027 00.259		40	2.6	NO	Ø	
451	1947	49.126 00.495	2027	48.879 00.094		46	2.8	NO	Ø	
452	2030	49.004 00.091	2110	49.029 00.407		47	2.8	NO	3-RAY 12-BLUE CRABS	
453	2119	49.161 00.566	2159	48.806 59.936		45	2.7	NO	Ø	
454	2202	48.930 59.957	2242	49.120 00.553		45	2.8	NO	Ø	
455	2245	48.997 00.406	2325	49.123 00.551		45	2.7	NO	BUTTERFISH	

Date 04 / 12 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) Kris Frye Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.3 ° C

Air Temp _____ ° C Wind Spd / Dir SE 5-10 Wave Ht 1' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
456	2329	27° 49.012 97° 00.342	0009	27° 49.315 97° 00.579		36	2.7	No	Ø	
457	0012	49.242 00.459	0042	49.226 00.620		37	2.6	No	1-Ray	
458	0046	49.361 00.798	0126	48.751 00.008		46	2.8	No	Ø	
459	0130	48.775 59.797	0210	49.474 00.742		34	2.7	No	1-Ray 4-Blue Crabs	
460	0218	49.174 00.152	0258	49.623 00.894		32	2.8	No	Butterfish Jellyfish	
461	0305	49.507 00.912	0345	49.068 00.346		39	3.0	L. Kempi	2-Rays 1-Catfish 1-Blue Crab	
462	0353	49.140 00.443	0433	48.882 00.003		40	3.0	No	1-Ray 5-Blue Crabs Jellyfish	
463	0445	48.581 59.581	0525	49.653 00.932		36	2.6	No	Jellyfish	
464	0530	49.354 00.616	0610	49.336 00.578		35	2.5	No	4-Rays ~20-Blue Crabs Jellyfish	
465	0619	49.434 00.687	0659	48.968 59.997		40	2.9	No	Butterfish Jellyfish	
466	0705	48.974 59.855	0745	49.312 00.630		36	2.4	No	Ø	

Date 04/12/07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) KIRS, FRYE Capt KOTRULJIA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 19.8 ○ C

Air Temp _____ ○ C Wind Spd / Dir E 5-10 Wave Ht 2-4' Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
467	0750	27°49.228 97°00.424	0830	27°49.411 97°00.979		36	2.6	NO	Ø	RELOCATE TURTLE
468	1013	48.589 59.903	1053	49.181 00.887		44	2.7	NO	Ø	ADJUST PORT NET
469	1109	49.109 00.963	1149	49.164 00.890		41	2.9	NO	Ø	
470	1152	49.253 01.077	1232	49.427 01.129		45	2.6	NO	Ø	
471	1235	49.338 00.917	1315	49.258 00.714		39	2.8	NO	Ø	
472	1319	49.202 00.887	1359	49.179 00.640		43	3.1	NO	Ø	
473	1403	49.289 00.848	1443	49.418 01.009		37	2.9	NO	1-BONNET-HEAD SHARK	
474	1449	49.475 00.984	1529	49.689 01.374		33	2.9	NO	Ø	
475	1534	49.689 01.278	1614	48.859 00.076		47	2.7	NO	Ø	
476	1617	48.972 00.228	1657	49.238 00.802		43	2.4	NO		
477	1702	49.199 00.667	1742	49.595 01.209		34	3.2	NO	1-RAY 6-BLUE CRABS	

Date 04 / 12 / 07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) TITS FIGS Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.0 ○ C

Air Temp _____ ○ C Wind Spd / Dir E ~ 10-15 Wave Ht 3-4' Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
478	1748	27°49.562 97°01.412	1828	27°48.712 97°59.821		49	2.5	NO	1 - RAY ~30 - BLUE CRAB	
479	1836	48.595 59.701	1916	49.492 01.416		42	2.6	NO	Ø	
480	1919	49.429 01.347	1959	48.609 59.568		45	2.9	NO	Ø	
481	2003	48.623 59.459	2043	49.669 01.098		31	2.7	NO	Ø	
482	2046	49.570 01.166	2126	48.615 59.549		44	2.7	NO	Ø	
483	2132	48.701 59.555	2212	49.642 01.255		34	2.5	NO	Ø	
484	2217	49.617 01.128	2257	49.235 00.437		39	2.4	NO	1 - RAY 1 - BLUE CRAB	
485	2304	49.423 00.849	2344	48.833 00.142		49	2.4	NO	Ø	

Date 04/13/07 Dredge Site Corpus Christi, TX Dredge Columbia

Trawler Two Didos Biologist(s) Chris Frye Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.20 C

Air Temp _____ o C Wind Spd / Dir E 15-20 kts Wave Ht 4-5' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
486	2348	27° 48.936 97° 00.616	0028	27° 49.223 97° 00.752		41	2.7	No	Ø	
487	0031	49.277 00.835	0111	49.004 00.224		39	2.9	No	Ø	
488	0114	49.073 00.349	0154	48.982 00.289		45	2.4	No	3-Blue Crabs	
489	0157	48.934 00.157	0237	49.104 00.630		44	2.6	C. Carrita	1-Ray 1-Burr Fish	
490	0246	49.249 00.511	0326	48.959 00.219		45	2.4	No	1-Bonnet Head Shark 2-Rays 6-Blue Crabs	Relocate Turtle
										Two Didos to Dock for Fuel, Water, and
										Supplies. Adverse Weather Conditions
										Delayed Trawling.

Date 04 / 14 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) Jim Frye Capt Kotrulsia

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.0 ° C

Air Temp _____ ° C Wind Spd / Dir N 25-30 kts Wave Ht 3-5' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
491	1209	27° 49.529 97° 01.415	1249	27° 49.268 97° 00.507		38	2.2	No	Ø	
492	1252	49.323 00.637	1332	49.233 00.617		37	2.6	No	2 - Rays Jelly Fish	
493	1340	49.266 00.849	1420	49.168 00.402		38	2.1	No	Ø	
494	1424	49.259 00.472	1504	48.912 00.311		46	2.8	No	1 - Cobia 1 - Bonnet-Head Shark 2 - Blue Crabs	
495	1520	48.696 59.809	1600	49.462 00.963		34	2.9	No	1 - Ray Jelly Fish	
496	1605	49.268 00.597	1645	48.903 00.141		45	2.8	No	3 - Spotted Eagle Rays 1 - Black Drum 1 - Blue Crabs	UNFLIP DOORS
497	1717	49.134 00.339	1757	49.174 00.369		38	2.9	No	Ø	
498	1801	49.188 00.445	1841	48.992 00.243		41	3.0	No	Ø	
499	1844	49.046 00.340	1924	49.027 00.319		39	2.4	No	1 - Bonnet-Head Shark Jelly Fish	
500	1930	49.095 00.386	2010	49.009 00.197		38	2.9	No	Ø	
501	2013	49.185 00.147	2053	49.011 00.292		41	3.0	No	1 - Ray Jelly Fish	

Date 04 / 14 / 07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) KITS FRYE Capt KOSRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.7 ○ C

Air Temp _____ ○ C Wind Spd / Dir N 25-30 Wave Ht 4-6' Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
502	2058	27° 48.966 97° 00.170	2138	27° 49.348 97° 00.815		34	2.3	NO	Ø	
503	2141	49.444 00.893	2221	49.205 00.614		38	2.4	NO	Ø	
504	2225	49.251 00.699	2305	49.314 00.706		37	2.3	NO	Ø	
505	2308	49.241 00.658	2348	49.335 00.729		33	2.1	NO	1 - BONNET - HEAD SHARK	TO ANCHOR DUE TO SEA CONDITIONS
										N 30+ 7'+ SEAS

Date 04 / 15 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) Fitts Frye Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.3 ○ C

Air Temp _____ ○ C Wind Spd / Dir S 5-10 Wave Ht 1-2' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
506	0635	27° 48.726 97° 59.941	0715	27° 49.501 97° 00.851		34	2.5	NO	1 - Cow Nose Ray	
507	0724	49.081 00.464	0804	49.335 00.805		35	2.8	NO	Ø	
508	0808	49.270 00.651	0848	49.299 00.751		37	2.7	NO	1 - Spotted Eagle Ray	
509	0854	49.071 00.349	0934	49.133 00.495		39	2.7	NO	Ø	
510	0937	49.047 00.290	1017	49.265 00.661		37	3.0	NO	Ø	
511	1020	49.184 00.526	1100	49.235 00.648		36	2.7	NO	Cutlassfish	
512	1103	49.129 00.440	1143	48.807 00.292		40	2.9	NO	Ø	
513	1146	48.909 00.195	1226	49.369 00.812		35	2.7	NO	Ø	3 Trawlers dragging 1-2 kts NNW of channel
514	1229	49.442 00.962	1309	49.315 00.771		36	2.6	NO	Ø	
515	1313	49.439 00.927	1353	49.502 01.044		32	2.9	NO	Ø	
516	1356	49.557 00.956	1436	49.546 01.029		31	2.6	NO	1 - Shark 3 - Blue Crabs Cutlassfish	

Date 04 / 15 / 07 Dredge Site Corpus Christi, TX Dredge Columbia

Trawler Two Didos Biologist(s) Kits Frye Capt Kotrulsa

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.4 ° C

Air Temp _____ ° C Wind Spd / Dir SE 5-10 Wave Ht 1-2' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
517	1442	27° 49.555 97° 00.803	1522	27° 49.457 97° 00.834		33	2.6	No	2-Rays 1-Blue Crab Butterfish	
518	1529	49.178 00.544	1609	49.134 00.646		44	3.0	No	Ø	
519	1614	49.045 00.456	1654	49.222 00.561		36	2.7	No	Ø	
520	1657	49.291 00.709	1737	49.433 00.749		33	2.8	No	2-Sharks 3-Blue Crabs Cutlassfish	2-Trawlers Dragging 1-2 kts NNW of Channel
521	1750	49.317 01.119	1830	49.221 00.913		44	2.9	No	Ø	1-White w/ Red Outriggers 1-Navy Blue w/ White
522	1834	49.133 00.731	1914	49.269 01.037		44	3.1	No	Ø	
523	1917	49.164 00.820	1957	49.114 00.658		43	2.9	No	Ø	
524	2000	48.991 00.467	2040	49.015 00.530		46	2.9	No	1-Ray Cutlassfish	
525	2046	49.064 00.293	2126	49.073 00.543		45	3.0	No	Ø	
526	2129	49.290 00.610	2209	49.134 00.324		37	3.3	No	Ø	
527	2213	49.239 00.476	2253	49.345 00.647		34	2.8	No	Ø	

Date 04 / 15 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) Kib Frye Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.0 ° C

Air Temp _____ ° C Wind Spd / Dir SE 10-15 Wave Ht 2-4' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +C	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
528	2257	27° 49.455 97° 00.984	2337	27° 49.482 97° 01.079		33	2.7	No	Ø	

Date 04/16/07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) KIRS FIRE Capt KOTRULSIA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.00 C

Air Temp _____ ○ C Wind Spd / Dir S 10-15 Wave Ht 2-3' Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
529	2342	27° 49.258 97° 01.073	0022	27° 49.470 97° 01.209		43	2.7	NO	Ø	
530	0025	49.394 01.136	0105	49.079 00.520		42	2.6	NO	4-RAYS 2-BLUE CRABS CUTLASSFISH	
531	0112	49.218 00.669	0152	49.170 00.872		41	2.8	NO	Ø	
532	0155	49.284 00.888	0235	49.233 00.575		39	2.6	NO	Ø	
533	0238	49.227 00.713	0318	49.408 01.114		40	3.0	NO	Ø	
534	0321	49.318 01.083	0401	49.220 00.914		44	2.7	C. CARETTA	1-RAY 2-BLUE CRABS BUTTERFISH	
535	0410	49.124 00.694	0450	49.209 00.546		36'	2.6	NO	Ø	
536	0453	49.243 00.694	0533	48.994 00.652		38	2.4	NO	Ø	
537	0536	49.075 00.776	0552	49.309 00.955		45	2.9	NO	Ø	RELOCATE TURTLE
538	0801	48.960 00.273	0841	49.150 00.626		44	3.0	NO	1-RAY 6-BLUE CRABS BUTTERFISH	
539	0850	49.125 00.314	0930	49.035 00.502		46	2.5	NO	3-RAYS 11-BLUE CRABS BUTTERFISH	

Date 04 / 16 / 07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) HTS TRYE Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.8 ○ C

Air Temp _____ ○ C Wind Spd / Dir ESE 15-20 Wave Ht 4-5' Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth FG	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
540	0937	27° 49.105 97° 00.294	1017	27° 49.181 97° 00.697		43	2.3	NO	Ø	SHIP TRAFFIC
541	1023	49.215 00.628	1103	49.012 00.529		46	2.5	NO	1-BLACK DRUM 1-RAY ~20-BLUE CRABS	
542	1111	48.980 00.301	1151	49.081 00.593		44	2.4	NO	Ø	
543	1156	49.139 00.411	1236	49.076 00.692		41	2.2	L. KEMPI	1-RAY 1-SHARK ~100-BLUE CRABS	
544	1247	49.144 00.333	1327	49.043 00.645		40	2.2	NO	Ø	
545	1330	49.052 00.495	1410	49.080 00.674		47	2.5	NO	Ø	
546	1415	49.035 00.524	1455	48.952 00.186		40	2.2	NO	Ø	
547	1459	49.235 00.442	1539	49.042 00.464		44	2.3	NO	1-SHARK 2-RAYS ~50-BLUE CRABS	
548	1545	49.286 00.500	1625	49.302 01.037		44	2.5	NO	1-BLACK DRUM	
549	1631	49.174 00.859	1711	48.896 00.390		37	2.2	NO	Ø	RELOCATE TURTLE
550	1846	48.952 00.224	1926	48.909 00.604		36	2.6	NO	Ø	

Date 04 / 16 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) Aib Frye Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20 50 C

Air Temp _____ ° C Wind Spd / Dir ESE ~ 20-25 Wave Ht 4-6' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6"	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
551	1931	27° 49.035 97° 00.441	2011	27° 49.228 97° 00.684		37	2.4	No	2 - Cobia 5 - Blue Crabs Cutlassfish	
552	2023	49.251 00.972	2103	49.137 00.814		37	2.9	No	Ø	
553	2106	49.093 00.694	2146	49.228 00.679		39	3.0	No	Ø	
554	2150	49.343 00.915	2230	49.353 01.154		43	2.6	No	Ø	
555	2235	49.262 00.973	2315	49.190 00.904		41	2.4	No	1 - Shark (Bull) ~200 - Blue Crabs	

Date 04 / 17 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) Aits Frye Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.5 ° C

Air Temp _____ ° C Wind Spd / Dir ESE ~ 20 - 25 Wave Ht 5-7' Bottom Type Sand / Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
556	2327	27°49.343 97°01.069	0007	27°49.145 97°00.391		38	2.7	No	Ø	
557	0012	49.026 00.478	0052	49.080 00.590		44	2.2	No	Ø	
558	0057	49.254 00.617	0137	48.931 00.189		45	2.5	C. Caretta	1 - Redfish 1 - Bonnethead Shark 7 - Blue Crabs	
559	0155	49.385 01.242	0235	49.249 00.868		44	2.7	No	2 - Rays 4 - Blue Crabs	Untwist STBD Net
560	0258	49.152 00.606	0338	49.049 00.579		45	2.7	No	1 - Ray ~30 - Blue Crabs	
561	0345	49.057 00.285	0425	49.067 00.524		46	2.7	No	Ø	
562	0430	49.217 00.641	0500	49.364 00.890		38	2.9	No	Ø	
563	0505	49.252 00.734	0545	49.134 00.661		44	2.5	No	1 - Redfish 3 - Blue Crabs	
564	0554	49.159 00.529	0634	49.242 00.526		37	2.7	No	Ø	
565	0640	49.339 00.755	0720	49.478 01.119		34	2.7	No	1 - Shark 1 - Ray Harvestfish	
566	0729	49.478 01.224	0809	49.374 01.121		47	2.6	No	Ø	Relocate Turtle

Date 04 / 17 / 07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) KIB FRYE Capt KOTKULJIA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.5 ○ C

Air Temp _____ ○ C Wind Spd / Dir ESE 10-15 Wave Ht 3-5' Bottom Type SAND / SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
567	1019	27° 48.889 97° 00.230	1059	27° 48.929 97° 00.599		36	2.4	NO	Ø	
568	1105	49.025 00.454	1145	49.312 00.862		37	3.2	C. CARETTA	2 - RAYS HARVEST FISH ~30 - BLUE CRABS	
569	1157	49.151 00.847	1237	49.018 00.647		37	2.5	NO	Ø	CREW BOAT
570	1329	49.341 01.178	1409	49.180 00.821		45	2.4	NO	1 - TRIPLETAIL 1 - REDFISH 1 - RAY	
571	1416	49.221 00.680	1426	49.357 01.102		46	2.7	NO	~20 - BLUE CRABS	RELOCATE TURTLE
572	1606	48.948 00.322	1646	49.021 00.458		46	2.8	NO	9 - RAY 2 - BLUE CRABS	
573	1654	49.072 00.575	1731	48.877 00.516		37	2.7	NO	Ø	
574	1734	49.064 00.550	1814	49.139 00.732		43	2.8	NO	1 - RAY ~40 - BLUE CRABS	
575	1824	49.359 01.142	1904	49.244 00.972		44	2.8	NO	1 - SHARK 1 - BLACK DRUM ~20 - BLUE CRABS	
576	1919	49.052 00.594	1959	49.093 00.722		43	2.7	NO	Ø	
577	2004	49.181 00.843	2044	49.187 00.873		44	2.6	NO	Ø	

Date 04 / 17 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) Tib Frye Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.6 ° C

Air Temp _____ ° C Wind Spd / Dir S ~10 kts Wave Ht 2-4' Bottom Type Sand / Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
578	2050	27° 49.342 97° 01.017	2130	27° 49.194 97° 00.756		43	2.7	No	5 - Rays ~20 - Blue Crabs	
579	2141	49.375 00.932	2221	49.297 01.193		33	2.1	No	1 - Shark Jellyfish	
580	2230	49.108 01.046	2310	49.181 00.996		38	2.0	No	Ø	
581	2314	49.142 00.767	2354	49.062 00.632		45	2.8	No	1 - Redfish 3 - Rays 8 - Blue Crabs	

Date 04 / 18 / 07 Dredge Site Corpus Christi, TX Dredge Columbia

Trawler Two Didos Biologist(s) Tits Frye Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.4 ° C

Air Temp _____ ° C Wind Spd / Dir SSW 10-15 Wave Ht 2-4' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
582	0003	27° 48.944 97° 00.629	0043	27° 49.291 97° 00.871		44	2.9	No	Ø	
583	0046	49.358 00.985	0126	49.172 00.744		43	2.9	No	1-Shark 3-Rays ~20-Blue Crabs	
584	0137	49.078 00.746	0217	49.375 00.986		39	2.6	No	Ø	
585	0220	49.327 01.051	0300	49.086 00.758		40	2.8	No	Ø	
586	0304	49.231 00.700	0344	49.373 01.127		44	3.0	No	1-Shark ~50-Blue Crabs	
587	0353	49.150 00.886	0433	49.203 00.812		45	2.8	No	Ø	
588	0436	49.173 00.661	0516	49.111 00.754		47	3.0	No	Ø	
589	0519	49.219 00.906	0559	49.319 01.083		44	2.7	No	Ø	
590	0603	49.262 00.905	0643	49.077 00.506		48	2.7	No		
591	0649	48.964 00.576	0729	49.284 00.862		46	2.7	No	Ø	
592	0734	49.273 00.986	0814	49.102 00.601		45	2.6	No	1-Burrfish ~50-Blue Crabs	

Date 04 / 18 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) Kits Frye Capt Kotrulsa

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 20.5 ° C

Air Temp _____ ° C Wind Spd / Dir NW ~10 Wave Ht 1-2' Bottom Type Sand / Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
593	0826	27° 48.919 97° 00.039	0906	27° 48.970 97° 00.544		41	2.8	No	Ø	
594	0909	49.007 00.706	0949	49.211 00.892		46	2.9	No	Ø	
595	0952	49.366 01.052	1032	49.347 01.259		40	2.7	No	1 - Shark 5 - Blue Crabs	
596	1039	49.193 00.944	1119	48.990 00.412		46	2.8	No	Butterfish Jellyfish	
597	1126	49.020 00.463	1206	49.132 00.401		39	2.7	No	7 - Rays ~30 - Blue Crabs Butterfish	
598	1220	49.382 01.143	1300	49.026 00.358		45	2.8	No	Ø	
599	1303	49.084 00.467	1343	49.188 00.636		39	2.7	C. Caretta	1 - Burrfish ~20 - Blue Crabs	
600	1350	49.098 00.588	1430	49.061 00.735		39	2.8	No	Ø	
601	1433	49.026 00.596	1513	48.960 00.363		45	2.8	No	1 - Shark 3 - Blue Crabs	
602	1522	48.820 00.133	1602	48.673 59.741		46	3.2	No	Ø	
603	1605	48.784 59.805	1645	48.926 00.314		46	2.6	No	Ø	

Date 04 / 18 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) [illegible] Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.7 ° C

Air Temp _____ ° C Wind Spd / Dir E ~10 kts Wave Ht 1-2' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
604	1649	27° 48.821 97° 00.174	1715	27° 49.019 97° 00.481		47	2.9	No	Ø	Relocate turtle
605	1838	48.512 59.882	1918	49.052 00.429		44	2.8	No	1 - Ray 2 - Blue crabs	
606	1924	49.079 00.603	2004	48.833 00.386		38	2.9	No	Ø	
607	2008	48.767 00.185	2048	48.925 00.238		45	2.9	No	8 - Blue crabs Jellyfish	
608	2051	49.044 00.381	2131	49.133 00.531		37	2.5	No	Ø	
609	2135	49.064 00.550	2215	48.926 00.418		39	2.5	L. Kempi	~40 - Blue crabs Butterfish	
610	2225	48.852 00.119	2305	49.107 00.679		40	2.6	No	Ø	
611	2310	48.971 00.449	2350	49.177 00.678		43	2.3	No	Ø	

Date 04 / 19 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) [illegible] Capt Kotrulsa

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.5 ° C

Air Temp _____ ° C Wind Spd / Dir E ~10-15 Wave Ht 1-2' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
612	2353	27° 49.243 97° 00.789	0033	27° 48.671 97° 00.039		41	3.0	No	1-Ray ~20-Blue Crabs	
613	0040	48.788 00.120	0120	49.168 00.894		38	2.8	No	Ø	
614	0125	49.021 00.695	0205	48.944 00.385		43	2.9	No	Ø	
615	0210	48.730 00.172	0250	49.132 00.903		37	2.7	No	~50-Blue Crabs Jellyfish	
616	0257	49.011 00.480	0337	49.398 00.937		35	2.6	No	1-Shark ~20-Blue Crabs	Untwist Net
617	0353	49.408 01.198	0433	49.236 00.701		38	2.8	No	Jellyfish	
618	0440	49.347 00.855	0520	48.898 00.165		46	2.9	No	8-Blue Crabs	Caught Snag Net Repair
619	0555	49.450 01.072	0635	49.240 00.820		45	2.8	No	1-Ray Butterfish Jellyfish	
620	0647	49.354 00.998	0700	49.187 00.880		45	2.8	No	Ø	Relocate Turtle
621	0839	48.730 00.033	0919	49.136 00.589		47	3.0	No	Ø	
622	0923	49.108 00.497	1003	49.181 00.657		47	3.0	No	Ø	

Date 04 / 19 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) [illegible] Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.4 ° C

Air Temp _____ ° C Wind Spd / Dir E 5-10 kts Wave Ht 1-2' Bottom Type Sand / Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
623	1006	27° 49.266 97° 00.817	1046	27° 49.079 97° 00.450		44	3.1	No	Ø	
624	1049	49.182 00.645	1129	48.883 00.079		43	3.2	No	Ø	
625	1133	48.994 00.253	1213	49.331 01.038		45	2.3	No	1-Shark 3-Blue Crabs Sea Grass	
626	1221	49.194 00.937	1301	49.273 00.867		45	3.0	No	1-Ray Harvestfish Jellyfish	
627	1309	49.219 00.951	1317	49.088 00.556		46	2.8	No	Jellyfish	Unflip Doors
628	1341	49.289 00.668	1421	49.157 00.610		44	3.1	No	Ø	
629	1424	49.225 00.709	1504	48.916 00.178		46	3.1	No	Ø	
630	1507	48.989 00.298	1547	48.891 00.284		47	2.4	No	~30-Blue Crabs Jellyfish Sea Grass	
631	1552	48.884 00.187	1632	48.817 00.215		42	2.2	No	Ø	
632	1636	48.890 00.065	1716	49.052 00.524		47	2.7	No	Ø	
633	1719	48.953 00.419	1759	49.106 00.657		44	2.7	No	1-Shark 2-Rays ~20-Blue Crabs	

Date 04/19/07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Dios Biologist(s) Fitz Fry/2 Capt Kotruljia

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.4 ○ C

Air Temp _____ ○ C Wind Spd / Dir E 10-15 Wave Ht 2-3' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth ft	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
634	1809	27° 48.916 97° 00.210	1849	27° 48.979 97° 00.442		46	2.9	NO	Cutlassfish Jellyfish	
635	1854	48.762 00.191	1934	49.046 00.586		45	2.7	NO	Ø	
636	1937	48.992 00.425	2017	49.183 00.904		39	3.0	NO	Ø	
637	2020	49.076 00.704	2100	49.359 00.924		35	2.8	NO	Harvestfish Jellyfish	
638	2105	49.234 01.003	2145	49.134 00.520		37	2.1	NO	Ø	
639	2149	49.188 00.600	2229	48.827 00.207		44	3.0	L. Kempi	1-Shark 1-Electric Ray. ~20-Blue Crabs	
640	2244	48.815 59.962	2324	49.060 00.733		37	3.0	NO	1-Shark 6-Blue Crabs	

Date 04 / 20 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) Tas Freye Capt Kotrulsa

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.3 ○ C

Air Temp _____ ○ C Wind Spd / Dir E 10-15 kts Wave Ht 2-3' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
641	2331	27° 49.012 97° 00.221	0011	27° 49.220 97° 00.980		37	2.4	No	Ø	
642	0015	49.130 00.683	0055	49.307 00.941		41	2.7	No	1 - Redfish 4 - Blue Crabs	
643	0102	49.325 00.997	0142	49.080 00.761		44	3.0	No	Ø	
644	0147	49.078 00.531	0227	49.387 01.040		43	2.8	No	Jellyfish	
645	0234	49.253 00.883	0314	49.234 00.965		44	2.6	No	1 - Redfish ~ 30 - Blue Crabs	
646	0322	49.060 00.561	0402	49.151 00.647		46	2.4	No	Ø	
647	0405	49.198 00.713	0445	49.037 00.439		47	2.7	No	Ø	
648	0448	49.079 00.554	0528	49.265 01.013		45	2.9	No	Ø	
649	0531	49.184 00.896	0611	49.296 00.851		42	2.7	No	Ø	
650	0614	49.204 00.877	0644	49.070 00.518		47	3.0	No	Ø	Relocate turtle
651	0834	48.878 00.254	0914	48.807 00.246		42	3.0	No	Cutlassfish	

Date 04 / 20 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) Kits Frye Capt Kotrulsia

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.2 ○ C

Air Temp _____ ○ C Wind Spd / Dir E 10-15 Wave Ht 2-3' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
652	0919	27° 48.894 97° 00.102	0959	27° 49.144 97° 00.769		47	2.5	No	Ø	
653	1002	49.097 00.645	1042	49.393 01.086		45	3.3	No	Ø	
654	1046	49.310 01.205	1126	49.256 00.823		46	3.2	No	Lookdowns Cutlassfish Sea Grass	
655	1133	49.400 01.221	1213	49.119 00.568		46	3.0	No	Ø	
656	1216	49.213 00.725	1256	49.028 00.363		45	2.8	No	Cutlassfish	
657	1300	49.106 00.529	1340	48.870 00.285		45	2.7	No	Ø	
658	1343	48.698 00.156	1423	49.265 01.163		37	2.7	No	Ø	
659	1426	49.182 01.004	1506	49.227 00.863		45	3.1	No	1-Shark Lookdowns Jellyfish	
660	1513	49.326 01.212	1553	49.107 00.422		39	3.1	No	Ø	
661	1557	49.188 00.584	1637	48.794 00.101		48	2.6	No	Ø	
662	1640	48.862 00.104	1720	49.120 00.811		39	2.6	No	Ø	

Date 04 / 20 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) [illegible] Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.7 ° C

Air Temp _____ ° C Wind Spd / Dir E 10-15 Wave Ht 2-3' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
663	1723	27° 49.209 97° 00.792	1803	27° 49.160 97° 00.820		46	2.5	No	Ø	
664	1806	49.217 00.962	1846	48.986 00.344		46	2.6	No	Ø	
665	1849	49.097 00.490	1929	48.867 00.252		47	2.3	No	Ø	
666	1932	48.937 00.274	2012	49.337 01.025		42	3.0	No	~20 - Blue Crabs Jelly Fish	
667	2018	49.286 01.050	2058	49.343 01.185		43	2.9	No	Ø	
668	2101	49.269 01.095	2141	49.160 00.627		43	2.7	No	Ø	
669	2144	49.231 00.781	2224	48.786 00.172		41	2.5	No	Ø	
670	2227	48.909 00.279	2307	49.288 00.872		43	2.6	No	Ø	
671	2310	49.354 01.019	2350	48.957 00.361		45	2.3	No	6 - Blue Crabs Jelly Fish	

Date 04 / 21 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) [illegible] Capt Kotrulsia

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.5 ° C

Air Temp _____ ° C Wind Spd / Dir E 10-15 Wave Ht 2-3' Bottom Type Sand / Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
672	2354	27° 49.112 97° 00.516	0034	27° 48.764 97° 00.253		40	2.8	No	Ø	
673	0040	48.796 00.176	0120	49.062 00.507		45	2.7	No	Ø	
674	0125	48.974 00.290	0205	49.175 00.926		38	2.8	No	~50 - Blue Crabs Jelly Fish	
675	0212	49.133 00.569	0252	49.169 01.122		35	2.8	No	1 - Shark 1 - Ray 3 - Blue Crabs	
676	0300	49.132 00.905	0340	49.462 00.975		36	2.6	No	1 - Shark 2 - Blue Crabs Butterfish	
677	0349	49.230 01.037	0429	49.520 00.144		34	2.8	No	Ø	
678	0435	49.348 00.848	0515	49.482 00.947		32	2.6	No	Ø	
679	0520	49.294 00.941	0600	49.223 00.720		41	2.9	No	Ø	
680	0605	49.458 00.962	0645	48.968 00.287		46	2.8	No	Ø	
681	0650	49.037 00.492	0730	48.815 00.298		41	2.8	No	Ø	
682	0735	48.801 00.168	0815	49.163 00.804		48	2.9	No	Butterfish Jelly Fish	

Date 04 / 21 / 07 Dredge Site Corpus Christi, TX Dredge Columbia

Trawler Two Didos Biologist(s) Tib Tryle Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.5 ○ C

Air Temp _____ ○ C Wind Spd / Dir E ~ 10-15 Wave Ht 2-3' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth ft	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
683	0819	27° 49.073 97° 00.601	0859	27° 49.318 97° 00.968		46	2.9	No	Ø	
684	0905	49.264 01.074	0945	49.127 00.644		45	2.9	No	Ø	
685	0951	49.308 00.929	1031	48.845 00.146		47	2.5	No	Ø	
686	1036	48.834 00.175	1116	49.064 00.651		48	2.4	No	Ø	
687	1120	49.185 00.711	1200	48.937 00.170		43	2.9	No	Ø	
688	1204	49.017 00.334	1244	48.896 00.207		48	2.6	No	Ø	
689	1248	48.982 00.233	1328	49.125 00.578		48	2.4	No	Ø	
690	1332	49.061 00.444	1412	49.101 00.720		47	2.4	No	Ø	
691	1416	49.061 00.619	1456	49.035 00.567		47	2.7	No	Ø	
692	1500	49.199 00.665	1540	48.974 00.298		47	3.1	No	Ø	
693	1543	49.067 00.451	1623	49.213 00.614		36	2.7	No	Ø	

Date 04 / 21 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Pidos Biologist(s) Sis Frye Capt Kottulsia

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.6 o C

Air Temp _____ o C Wind Spd / Dir E 10-15 Wave Ht 2-3 Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
694	1626	27° 49.301 97° 00.744	1706	27° 49.005 97° 00.429		48	2.8	No	Ø	
695	1709	48.953 00.329	1749	49.094 00.675		46	2.7	No	1-Shark Cutlassfish	
696	1755	49.013 00.457	1835	49.239 01.088		37	2.8	No	Ø	
697	1838	49.177 00.960	1918	49.182 00.970		36	2.7	No	Ø	
698	1921	49.134 00.851	2001	49.445 01.308		43	2.7	No	Ø	
699	2004	49.277 01.187	2044	49.236 01.004		42	2.7	No	Ø	
700	2048	49.160 00.819	2128	49.444 01.103		37	2.8	No	Ø	
701	2133	49.338 01.197	2213	49.087 00.470		44	3.1	No	Ø	
702	2217	49.181 00.616	2257	48.728 00.063		40	2.6	No	~20 - Blue Crabs Cutlassfish Jellyfish	
703	2303	48.821 00.075	2343	48.947 00.302		45	2.9	No	1 - Ray Butterfish ~50 - Blue Crabs	

Date 04 / 22 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) [illegible] Capt Kotrulsia

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.5° C

Air Temp _____ ° C Wind Spd / Dir ESE 15-20 Wave Ht 3-4' Bottom Type Sand / Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6"	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
704	2354	27° 48.672 97° 00.192	0034	27° 49.098 97° 00.683		45	2.6	NO	Ø	
705	0038	49.151 00.667	0118	49.397 01.117		44	3.0	NO	Ø	
706	0121	49.323 01.135	0201	49.354 00.948		37	2.8	NO	Ø	
707	0205	49.473 00.961	0245	49.153 00.669		43	2.7	NO	Ø	
708	0248	49.267 00.839	0328	48.960 00.322		44	2.7	NO	Ø	
709	0331	49.059 00.434	0411	49.179 00.730		44	2.9	NO	1 - RAY BUTTERFISH	
710	0421	49.229 00.975	0501	49.272 01.083		40	2.8	NO	Ø	
711	0505	49.247 00.908	0545	49.316 00.884		41	2.7	NO	1 - ELECTRIC RAY 3 - BLUE CRABS	
712	0555	49.287 00.992	0635	49.397 01.020		39	2.9	NO	Ø	
713	0638	49.330 01.069	0718	49.152 00.740		47	2.6	NO	Ø	
714	0721	49.135 00.632	0801	49.361 01.122		48	2.8	NO	Ø	

Date 04 / 22 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) Kris Frye Capt Koruljia

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.5 ○ C

Air Temp _____ ○ C Wind Spd / Dir ESE 10-15 Wave Ht 2-3' Bottom Type Sand/Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
715	0804	27° 49.308 97° 01.020	0844	27° 49.318 97° 01.077		45	2.4	No	1- Ray ~ 20- Blue Crabs	
716	0852	49.243 00.727	0932	49.397 01.068		46	2.6	No	Ø	
717	0936	49.350 01.211	1016	49.166 00.583		40	3.0	No	Ø	
718	1019	49.277 00.750	1059	49.239 00.809		45	2.8	No	3- Rays Butterfish 7- Blue Crabs	
719	1108	49.320 01.187	1148	49.246 00.620		37	2.7	No	Ø	
720	1151	49.321 00.781	1231	49.031 00.413		48	2.9	No	Ø	
721	1235	49.173 00.579	1315	48.723 00.120		44	2.7	No	Ø	
722	1318	48.827 00.046	1358	49.115 00.714		47	2.6	No	1 - Ray 4- Blue Crabs	
723	1406	49.080 00.796	1446	49.104 00.730		48	2.6	No	1- Shark 1- Ray 3- Blue Crabs	
724	1452	49.073 00.472	1532	49.208 01.011		41	2.5	No	Ø	
725	1535	49.183 00.886	1615	49.257 00.832		47	2.8	No	1- Shark Cutlassfish	

Date 04 / 22 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) [illegible] Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.7 ° C

Air Temp _____ ° C Wind Spd / Dir E ~ 10-15 Wave Ht 2-3' Bottom Type Sand / Silt Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
726	1636	27° 49.350 97° 00.813	1716	27° 49.141 97° 00.794		47	2.4	No	Ø	
727	1719	49.081 00.643	1759	49.064 00.582		48	2.9	No	1-Ray 2-Blue Crabs	
728	1804	48.971 00.397	1844	48.987 00.406		46	2.8	No	Ø	
729	1848	49.008 00.385	1928	49.054 00.433		45	2.8	No	4-Rays Butterfish	Unflip Door
730	1949	49.299 01.116	2029	49.202 00.921		45	2.3	No	2-Rays ~20-Blue Crabs Butterfish	
731	2037	49.076 00.628	2117	49.071 00.543		46	2.4	No	Ø	
732	2120	49.026 00.404	2200	49.290 00.986		45	2.6	No	Ø	
733	2203	49.207 00.844	2243	49.023 00.572		46	2.8	No	1-Shark 1-Ray 5-Blue Crabs	
734	2254	49.310 00.874	2334	49.301 01.004		45	2.5	No	Ø	

Date 04 / 23 / 07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) [illegible] Capt KOTOULSIA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.3 ○ C

Air Temp _____ ○ C Wind Spd / Dir ESE 10-15 Wave Ht 2-4 Bottom Type SAND/SILT Station #'s 120+00 - 240+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth ft	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
735	2338	27° 49.193 97° 00.836	0018	27° 49.424 97° 01.180		49	2.6	NO	1-SHARK CUTLASSFISH JELLYFISH	
736	0025	49.193 00.950	0105	49.349 00.923		39	2.7	NO	~40 - BLUE CRABS JELLYFISH	
737	0115	49.289 01.166	0155	49.305 00.715		36	2.6	NO	1-BLACK DRUM 1-RAY ~20-BLUE CRABS	
738	0206	49.370 01.096	0246	49.046 00.469		44	2.7	NO	Ø	
739	0252	49.201 00.658	0332	48.658 00.062		42	2.6	NO	1-BLACK DRUM CUTLASSFISH 5-BLUE CRABS	
740	0341	48.955 00.121	0421	48.746 00.267		42	2.8	NO	2-BLACK DRUM 1-RAY BUTTERFISH	
741	0430	48.972 00.288	0510	48.943 00.137		47	2.6	NO	Ø	UNFLIP DOOR
742	0534	49.222 00.156	0614	49.043 00.268		40	2.7	NO	1-RAY 1-CATFISH CUTLASSFISH	CHECK ENGINE
743	0655	49.117 00.475	0735	48.884 00.025		40	2.7	NO	Ø	
744	0740	48.860 00.119	0820	49.327 00.983		46	2.6	NO	Ø	MOVED TO STATIONS 84+00 - 120+00
745	0824	49.410 01.222	0904	49.488 01.427		42	2.7	NO	Ø	

Date 04 / 23 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Dido Biologist(s) Kris Fryk Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.5 ○ C

Air Temp _____ ○ C Wind Spd / Dir E ~10 Wave Ht 1-3' Bottom Type Sand/Silt Station #'s 84+00 - 120+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
746	0909	27° 49.613 97° 01.681	0949	27° 49.641 97° 01.690		48	2.4	No	Ø	
747	0954	49.704 01.529	1034	49.689 01.527		39	2.5	No	Ø	Ship Traffic
748	1049	49.387 01.358	1129	49.790 01.683		38	2.4	No	1-Ray 1-Catfish 8-Blue Crabs	
749	1137	49.604 01.338	1217	49.464 01.489		40	2.9	No	1-Ray Cutlassfish Jellyfish	
750	1223	49.605 01.747	1303	49.312 01.047		46	2.6	No	Ø	
751	1308	49.450 01.192	1348	49.324 01.174		41	2.4	No	2-Black Drum 1-Ray Mantis Shrimp	
752	1356	49.407 01.199	1436	49.685 01.681		52	2.8	No	Ø	
753	1439	49.625 01.591	1519	49.573 01.567		45	2.7	No	1-Black Drum 1-Shark 1-Ray	
754	1528	49.433 01.284	1608	49.741 01.857		58	2.3	No	Ø	
755	1613	49.590 01.651	1653	49.548 01.535		44	2.8	No	Ø	
756	1656	49.447 01.401	1736	49.241 01.212		36	2.5	No	1-Sheepshead 1-Ray 6-Blue Crabs	

Date 04/23/07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) Tib Frye Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.8 ° C

Air Temp _____ ° C Wind Spd / Dir ESE 15-20 Wave Ht 3-5' Bottom Type Sand/Silt Station #'s 84+00 - 120+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
757	1742	27° 49.400 97° 01.053	1822	27° 49.744 97° 01.655		39	2.6	No	1 - Black Drum 2 - Rays Jelly Fish	
758	1830	49.694 01.815	1910	49.819 01.822		43	2.9	No	Ø	
759	1914	49.628 01.766	1954	49.668 01.749		49	2.8	No	1 - Ray 1 - Catfish 6 - Blue Crabs	
760	2000	49.390 01.396	2040	49.281 01.118		39	2.5	No	Ø	
761	2044	49.374 01.012	2124	49.265 01.178		37	2.4	No	Ø	
762	2129	49.261 01.128	2209	49.241 00.982		48	2.5	No	Ø	
763	2215	49.261 00.863	2255	49.154 01.111		35	2.7	No	1 - Ray 2 - Blue Crabs Butterfish	Ship Traffic
764	2306	49.432 01.142	2346	49.191 00.904		44	2.4	No	1 - Black Drum 1 - Burrfish 4 - Blue Crabs	

Date 04 / 24 / 07 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) JIM FRYE Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.8 ○ C

Air Temp _____ ○ C Wind Spd / Dir E 15-20 Wave Ht 3-4' Bottom Type SAND/SILT Station #'s 84+00 - 120+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
765	2358	27° 49.377 97° 01.086	0038	27° 49.195 97° 00.907		45	2.7	NO	Ø	
766	0041	49.280 00.861	0121	49.221 01.067		36	2.8	NO	1-BLACK DRUM 5-BLUE CRABS	
767	0127	49.188 00.879	0207	49.234 00.921		46	2.7	NO	1-SHARK 7-BLUE CRABS	
768	0212	49.321 00.903	0252	49.292 01.098		39	2.9	NO	Ø	
769	0255	49.178 00.937	0335	49.602 01.439		41	2.6	NO	Ø	
770	0339	49.712 01.554	0419	49.660 01.534		40	2.2	NO	Ø	
771	0422	49.552 01.523	0502	49.572 01.549		43	2.6	NO	Ø	
772	0505	49.401 01.385	0545	49.560 01.504		46	2.4	NO	Ø	
773	0548	49.432 01.329	0628	49.492 01.417		41	2.9	NO	Ø	
774	0631	49.402 01.298	0711	49.385 01.131		44	2.7	NO	1-SPOTTED EAGLE RAY 2-COWNOSE RAYS 2-CATFISH	
775	0728	49.592 01.543	0757	49.704 01.570		37	2.7	NO	Ø	TO ANCHOR DUE TO SEA CONDITIONS

Date 04 / 25 / 07 Dredge Site Corpus Christi, Tx Dredge Columbia

Trawler Two Didos Biologist(s) Travis Tobey Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 22.4 ° C

Air Temp 27.2 ° C Wind Spd / Dir NE@5-10K Wave Ht 3'-5' Bottom Type Sand/Silt Station #'s 84+00 - 120+00

	Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth +6	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
4/25	776	1753	27° 49.512 97° 01.546	1833	27° 49.505 97° 01.527		46	2.4	No	2-Cownose Ray	
	777	1921	49.295 01.096	2001	49.416 01.195		51	2.9	No	1-Cownose Ray	Delay to fix net broken combination cable
	778	2007	49.587 01.507	2047	49.653 01.604		51	2.8	No	Ø	
	779	2053	49.599 01.630	2133	49.826 01.718		50	2.9	No	Ø	
	780	2141	49.567 01.706	2221	49.430 01.384		36	2.7	No	Stingrays	
	781	2226	49.315 01.204	2306	49.490 01.489		40	2.5	No	Ø	
	782	2315	49.242 00.903	2355	49.395 01.336		39	2.6	No	Ø	
4/26	783	2358	49.296 01.130	0038	49.320 01.027		45	2.5	No	Burr Fish Ray Blue Crabs	Torn tail bag
	784	0053	49.436 01.281	0133	49.423 01.293		46	2.7	No	Ø	
	785	0136	49.482 01.373	0216	49.598 01.558		44	2.4	No	Ø	
	786	0221	49.377 01.360	0301	49.365 01.214		46	2.6	No	Stingray Blue Crabs	Busted lazy line

Date 04/26/2007 Dredge Site CORPUS CHRISTI, TX Dredge COLUMBIA

Trawler TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 22.8 ° C

Air Temp 24.8 ° C Wind Spd / Dir NNE 1-5 K Wave Ht 2-4' Bottom Type SAND/SILT Station #'s 84too → 120too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
787	0329	27° 49.328 97° 00.906	0409	27° 49.193 97° 00.361		47	2.9	No	STINGRAY DRUM	
788	0415	49.283 00.847	0455	49.452 01.272		43	2.7	No	Ø	
789	0458	49.542 01.343	0538	49.622 01.494		42	2.4	NO	Ø	
790	0541	49.996 01.448	0521	49.331 01.183		40	2.9	No	Ø	
791	0625	49.308 01.086	0705	49.593 01.605		45	2.6	NO	Ø	
792	0708	49.463 01.396	0748	49.313 01.111		50	2.8	N	Ø	
793	0751	49.384 01.251	0831	49.493 01.539		51	2.7	N	Ø	
794	0838	49.674 01.554	0918	49.617 01.404		47	2.8	Y	Lepidochelys kempi	
795	0930	49.515 01.135	1010	49.448 01.143		40	2.9	N	Ø	
796	1014	49.314 00.912	1039	49.591 01.727		51	2.6	N	Ø	PICKED UP EARLY DUE TO SHIP TRAFFIC
797	1046	49.616 01.671	1126	49.715 01.698		50	2.7	N	Ø	

Date 4/26/2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRU LWA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 23.0 o C

Air Temp 27.2 o C Wind Spd / Dir E @ 5-10 Wave Ht 2-4 Bottom Type SAND/SILT Station #'s 84 TOO → 120 TOO

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
798	1130	27° 49.600 97° 01.462	1210	27° 49.756 97° 01.653		46	2.8	NO	Ø	
799	1215	49.633 01.474	1255	49.625 01.565		47	2.6	NO	3-BLUE CRABS	
800	1300	49.502 01.338	1340	49.292 00.942		51	2.7	NO	Ø	
801	1345	49.178 01.108	1425	49.214 00.907		43	2.8	NO	Ø	
802	1431	49.285 01.164	1511	49.299 01.189		44	2.7	NO	1 - TRIPLE TAIL 6 - BUTTERFISH	
803	1520	49.562 01.626	1600	49.482 01.386		49	2.8	NO	Ø	
804	1608	49.627 01.536	1614	49.492 01.206		50	2.9	NO	Ø	HEADED TO DROP OFF TURTLE
805	1751	49.185 00.981	1831	49.374 01.053		45	2.4	NO	Ø	
806	1838	49.308 01.160	1918	49.336 01.152		49	2.8	NO	Ø	
807	1922	49.404 01.332	2002	49.205 00.571		47	2.6	NO	SHARK	
808	2010	49.134 00.709	2050	49.291 01.070		52	2.7	NO	Ø	

Date 4 / 26 / 2007 Dredge Site CORPUS CHRISTI Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 23.2 o C

Air Temp 21.3 o C Wind Spd / Dir E @ 10-15 K Wave Ht 2-4' Bottom Type SILT/SAND Station #'s 84 too → 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
809	2056	27°49.312 97°01.001	2136	27°49.050 97°00.562		51	2.3	No	1 - CATFISH 1 - COWNOSE RAY 3 - HARVESTFISH	
810	2149	49.275 00.822	2229	49.399 01.180		45	2.5	NO	Ø	
811	2238	49.360 01.057	2313	49.448 01.357		48	2.6	NO	Ø	
812	2317	49.421 01.270	2357	49.148 00.644		46	2.7	NO	Ø	
4/27 813	0003	49.121 00.558	0043	49.177 00.922		39	2.8	YES	Lepidochelys	kempi
814	0055	49.285 01.261	0135	49.319 00.871		39	2.8	NO	Ø	
815	0147	49.183 00.603	0227	49.386 00.922		36	2.4	NO	BLUE CRABS STINGRAY	
816	0235	49.259 00.607	0315	49.318 00.623		35	2.8	NO	Ø	
817	0325	49.318 00.789	0405	49.401 00.943		35	2.6	NO	BLUE CRABS DRUM	
818	0416	48.211 00.314	0456	49.090 00.443		43	2.8	NO	STINGRAY	
819	0507	49.392 00.860	0547	49.452 01.180		45	2.7	NO	Ø	

Date 4 / 27 / 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTROLJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 23.4 o C

Air Temp 21.7 o C Wind Spd / Dir EE Wave Ht 2-4 Bottom Type SAND/SILT Station #'s 84 too → 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
820	0555	27° 49.357 97° 01.120	0635	27° 49.336 97° 00.888		37	2.8	NO	Ø	
821	0640	49.166 00.630	0720	48.993 00.406		46	2.5	NO	Ø	HEAD TO DROP OFF TURTLE
822	0848	49.019 00.522	0928	49.115 00.749		52	2.9	NO	1-COWNOSE RAY 10-BLUE CRABS	
823	0934	49.238 00.990	1014	49.49 01.096		50	2.6	NO	Ø	
824	1017	49.325 00.859	1057	49.197 00.630		44	2.4	NO	Ø	
825	1102	49.114 00.784	1142	49.296 01.100		47	2.6	NO	1-COWNOSE RAY	
826	1150	49.386 01.068	1230	49.323 00.859		51	2.7	NO	1-CATFISH	
827	1234	49.266 00.704	1314	49.211 00.694		45	2.6	NO	Ø	
828	1319	49.135 00.764	1359	49.356 00.977		52	2.7	NO	Ø	
829	1404	49.528 01.050	1444	49.312 00.941		46	2.4	NO	2-COWNOSE RAY 1-SPOTTED EAGLE RAY 13-BLUE CRABS	
830	1451	49.306 00.703	1531	49.345 00.934		44	2.5	NO	8-COWNOSE RAYS 16-BLUE CRABS 1-BURR FISH	

Date 4/27/2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULIA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 23.4 o C

Air Temp 29.6 o C Wind Spd / Dir SE 5-10 K Wave Ht 4-6 Bottom Type SAND/SILT Station #'s 84 too → 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
831	1539	27° 49.559 97° 01.525	1619	27° 49.258 97° 00.580		49	2.9	No	3-COWNOSE RAYS 1-BLUE CRAB	
832	1627	49.206 00.523	1707	49.287 00.895		45	2.4	NO	Ø	
833	1711	49.214 00.707	1751	49.730 01.450		53	2.5	NO	10-COWNOSE RAYS 20-BLUE CRABS	
834	1801	49.418 01.247	1841	49.476 00.949		51	2.4	NO	3-COWNOSE RAYS ~50 BLUE CRABS 3 CUTLASS FISH	
835	1850	49.285 00.784	1930	49.393 01.310		44	2.8	NO	3-COWNOSE RAY	
836	1934	49.243 01.035	2014	49.387 01.078		48	2.8	NO	Ø	
837	2025	48.990 00.629	2105	48.923 00.336		50	2.7	NO	1-COWNOSE RAY 2-BLUE CRABS	
838	2112	49.098 00.370	2152	49.140 00.496		39.	2.3	NO	STING RAY	
839	2204	49.080 00.293	2242	49.094 00.334		40	3.0	NO	Ø	
840	2250	49.211 00.486	2330	49.325 00.796		36	2.7	NO	COWNOSE RAY	
4/28 841	2340	49.321 00.793	0020	49.477 01.353		43	2.6	NO	Ø	

Date 4 / 28 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBOT Capt KOTROWA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 23.5 o C

Air Temp 22.7 o C Wind Spd / Dir ENE @ 10-15 Wave Ht 2-4' Bottom Type SAND / SILT Station #'s 84 TOW → 120 TOW

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
842	0023	27°49.388 97°01.244	0103	27°49.324 97°00.992		44	2.6	NO	Ø	
843	0107	49.258 00.810	0147	49.164 00.817		45	2.8	NO	Ø	
844	0150	49.270 00.965	0230	49.333 01.006		44	2.6	NO	Ø	
845	0233	49.262 00.970	0313	49.166 00.752		46	2.9	NO	Ø	
846	0320	49.344 00.848	0400	49.345 00.994		44	3.0	NO	STINGRAYS BLUE CRABS	
847	0405	49.307 00.904	0445	49.167 00.863		42	2.4	NO	Ø	
848	0447	49.107 00.793	0527	49.159 00.823		45	2.6	NO	Ø	
849	0530	49.252 00.911	0610	49.330 01.159		45	2.6	NO	Ø	
850	0614	49.387 01.164	0654	49.167 00.710		46	2.7	NO	Ø	
851	0656	49.264 00.789	0736	49.374 01.170		49	2.7	NO	Ø	
852	0741	48.255 01.030	0821	49.574 01.327		48	2.7	NO	BLUE CRABS	

Date 4/28/2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 23.5 °C

Air Temp 22.8 °C Wind Spd / Dir ENE @ 10-15k Wave Ht 2-4 Bottom Type SAND / SILT Station #'s 84 TOO → 120 TOO

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
853	0825	27° 49.508 97° 01.077	0905	27° 49.336 97° 00.850		41	2.5	No	3-COWNOSE RAYS 15-20 BLUE CRAB 10-15 BUTTERFISH	
854	0915	49.482 01.047	0955	49.563 01.091		42	2.6	No	Ø	
855	0959	49.385 01.013	1039	49.422 00.973		51	2.5	No	Ø	
856	1042	49.321 00.889	1122	49.134 00.908		47	2.7	No	Ø	
857	1130	49.010 00.670	1210	49.976 00.627		45	2.5	No	2-COWNOSE RAYS	
858	1214	49.068 00.414	1254	49.224 00.076		46	2.3	NO	1 SPOTTED EAGLE RAY BLUE CRABS HARVEST FISH	
859	1302	49.153 00.495	1342	49.274 01.202		44	2.6	No	Ø	
860	1347	49.154 00.947	1427	49.462 01.221		43	2.6	No	2-COWNOSE RAYS	
861	1436	49.689 01.202	1516	49.353 00.761		50	2.6	No	Ø	
862	1521	49.540 00.900	1601	49.308 00.817		43	2.6	No	1-COWNOSE RAY	
863	1608	49.436 01.275	1648	49.257 00.986		51	2.8	No	Ø	

Date 4 / 28 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBET Capt KOTROLIA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 23.4 ° C

Air Temp 26.2 ° C Wind Spd / Dir ENE @ 15 kt Wave Ht 2-4' Bottom Type SAND/SILT Station #'s 84 TOO → 120 TOO

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
864	1652	27° 49.385 97° 01.219	1732	27° 49.317 97° 00.885		51	2.6	No	Ø	
865	1736	49.403 01.027	1816	49.195 00.652		43	2.6	No	2-COWNOSE RAYS	
866	1829	49.182 00.829	1909	49.188 00.635		50	2.6	No	Ø	
867	1913	49.198 00.614	1953	48.880 00.081		44	2.7	No	2-COWNOSE RAYS 1-LING BLUE CRABS	
868	2003	49.059 00.193	2043	49.101 00.406		47	2.6	No	2-COWNOSE RAYS	
869	2051	48.927 00.654	2131	48.968 00.240		43	2.4	No	8-COWNOSE RAYS	
870	2136	49.041 00.304	2216	49.060 00.413		46	2.9	No	Ø	
871	2227	49.132 00.562	2307	49.048 00.421		47	2.6	No	STINGRAYS	TORN BAG
872	2321	49.229 00.721	2324	49.318 00.801		35	2.6	NO	Ø	FLIPPED DOOR
873	2327	49.348 00.972	0007	49.213 00.872		46	2.8	NO	STINGRAYS	
874	0020	48.483 00.366	0100	49.079 00.561		46	2.9	NO	Ø	

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Date 4 / 29 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTROLIA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 23.3 ° C

Air Temp _____ ° C Wind Spd / Dir E@5-10K Wave Ht 1'-3' Bottom Type SAND/SILT Station #'s 84 TOO → 120 TOO

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
875	0105	27° 49.242 97° 00.472	0145	27° 49.197 97° 00.309		39	2.7	NO	STINGRAYS	
876	0155	49.088 00.458	0235	49.014 00.380		47	2.7	NO	BLUE CRABS STINGRAYS	
877	0247	49.977 00.597	0327	49.321 01.160		43	2.9	NO	Ø	
878	0335	49.469 00.968	0415	49.272 00.012		46	2.7	NO	Ø	
879	0420	49.109 00.784	0500	49.101 00.551		46	2.8	NO	STINGRAY	
880	0510	49.145 00.490	0550	49.078 00.402		39	2.6	NO	Ø	
881	0555	49.299 00.662	0635	49.185 00.840		46	2.7	NO	Ø	
882	0640	49.256 01.007	0720	49.284 00.724		36	2.8	NO	Ø	
883	0725	49.437 00.936	0805	49.484 01.055		42	2.9	NO	Ø	
884	0811	49.331 01.093	0851	49.340 01.160		51	2.5	NO	BLUE CRABS	
885	0926	49.080 00.829	1006	49.270 00.811		44	2.8	NO	Ø	

Date 4/29/2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULIA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 23.3 o C

Air Temp 24.1 o C Wind Spd / Dir ESE @ 5-10 K Wave Ht 1-3 Bottom Type SAND/SILT Station #'s 84 TOW → 120 TOW

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
886	1010	27° 49.430 97° 00.952	1050	27° 49.130 97° 00.720		41	2.6	No	Ø	
887	1054	49.064 00.531	1134	49.149 00.875		51	2.8	No	Ø	
888	1138	49.056 00.647	1218	49.300 00.832		51	2.6	No	BLUE CRABS	
889	1226	49.260 01.056	1306	49.285 00.919		46	2.6	No	Ø	
890	1310	49.115 00.793	1350	49.259 01.092		44	2.9	No	Ø	
891	1354	49.330 01.607	1434	49.102 00.768		51	2.9	No	Ø	
892	1441	49.020 00.490	1521	49.424 01.087		50	2.3	No	BLUE CRABS	
893	1525	49.288 00.943	1605	49.265 01.149		51	2.4	No	Ø	
894	1609	49.422 01.146	1649	49.512 01.160		51	2.8	No	Ø	
895	1654	49.460 01.260	1734	49.486 00.924		52	2.7	No	1-CATFISH 1-STINGRAY	
896	1743	49.231 00.493	1823	49.286 00.997		45	2.9	No	Ø	

Date 4/29/2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTROLIA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 23.6 o C

Air Temp 28.7 o C Wind Spd / Dir E 15-20 Wave Ht 2-4 Bottom Type SAND/SILT Station #'s 84 too → 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
897	1826	27° 49.142 97° 00.748	1906	27° 49.337 97° 01.158		51	2.7	No	Ø	
898	1910	49.177 00.992	1950	49.374 01.109		45	2.8	No	1-COWNOSE RAY	
899	1955	49.224 00.906	2035	49.248 01.032		51	2.7	No	Ø	
900	2042	49.145 00.561	2122	49.395 01.115		47	2.9	No	Ø	
901	2129	49.180 00.837	2211	49.225 00.783		44	2.9	No	Ø	
902	2215	49.077 00.551	2255	48.189 00.850		45	2.9	No	Ø	
903	2300	49.072 00.594	2340	48.859 00.280		46	2.7	No	Ø	
4/30 904	2350	48.809 00.109	0030	49.061 00.646		48	2.7	No	Ø	
905	0033	49.059 00.427	0113	49.060 00.634		46	2.8	NO	SHARK CRABS STINGRAYS	
906	0124	49.115 00.529	0204	49.372 01.036		46	2.7	No	Ø	
907	0207	49.328 01.092	0247	49.323 01.128		45	2.6	No	Ø	

Date 4 / 30 / 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTROLIA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 23.8 ○ C

Air Temp 24.6 ○ C Wind Spd / Dir SE @ 10-15 Wave Ht 3-5 Bottom Type SAND/SILT Station #'s 84+00 → 120+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
908	0251	27° 49.272 97° 01.688	0331	27° 49.310 97° 01.032		45	2.8	NO	Ø	
909	0335	49.360 01.027	0415	49.357 00.998		44	2.7	NO	Ø	
910	0418	49.425 01.193	0458	48.841 00.170		43	2.6	NO	Ø	
911	0502	48.961 00.241	0542	49.048 00.538		46	2.3	NO	Ø	
912	0546	49.073 00.494	0626	49.390 01.159		46	2.8	NO	Ø	
913	0629	49.508 01.338	0708	49.771 01.615		48	2.6	NO	Ø	
914	0715	49.801 01.234	0755	49.843 01.839		49	2.8	NO	Ø	
915	0801	49.760 01.670	0841 [redacted]	49.605 01.311		47	2.9	NO	Ø	
916	0847	49.451 01.393	0927	49.630 01.272		48	2.7	NO	Ø	
917	0931	49.777 04.478	1011	49.717 01.341		37	2.7	NO	BLUE CRABS 3-COWNOSE RAYS	TORN TAIL BAG
918	1026	49.913 01.760	1106	49.522 01.330		42	2.5	Y	lepidochelys kempi	

Date 4 / 30 / 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TORET Capt KOTRULA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 23.8 ○ C

Air Temp 28.2 ○ C Wind Spd / Dir SE@10-15K Wave Ht 2-4' Bottom Type SAND | SILT Station #'s 84 TOW → 120 TOW

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
919	1118	27°49.837 97°01.651	1198	27°49.567 97°01.216		42	2.7	NO	Ø	
920	1204	49.562 01.104	1244	49.523 01.089		39	2.9	NO	Ø	
921	1248	49.519 01.306	1328	49.455 01.720		46	2.9	NO	Ø	WINDS ESE @ 20-25 SEAS 4-6'
922	1333	49.667 01.690	1413	49.700 01.711		53	2.8	NO	Ø	BROKEN SUGAR LINE
923	1443	49.411 00.893	1523	49.465 01.062		42	2.7	NO	Ø	
924	1527	49.460 01.230	1607	49.619 01.169		51	2.8	NO	Ø	
925	1611	49.769 01.343	1651	49.568 01.582		45	2.8	NO	Ø	
926	1657	49.488 01.393	1737	49.625 01.452		47	2.4	NO	Ø	
927	1741	49.743 01.645	1821	49.678 01.611		46	2.3	NO	Ø	
928	1826	49.489 01.560	1837	49.657 01.466		46	2.3	NO	BLUE CRABS	HEAD TO DROP OFF TURTLE
929	2020	49.391 01.196	2100	49.668 01.762		51	2.6	NO	Ø	

Date 4 / 30 / 2007 Dredge Site Corpus Christi, Tx Ship Channel Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 23.9 o C

Air Temp 26.9 o C Wind Spd / Dir SE @ 10-15 kt Wave Ht 5-7' Bottom Type SAND / SILT Station #'s 84 too → 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
930	2106	27° 49.531 97° 01.561	2146	27° 49.470 97° 01.426		45	2.5	NO	Ø	
931	2149	49.547 01.551	2229	49.649 01.667		47	2.7	NO	Ø	HEAD TO ANCHOR DUE TO SEAS 6-8'
932	0725	49.525 01.298	0805	49.562 01.371		46	2.6	NO	Ø	
933	0808	49.621 01.452	0848	49.707 01.598		42	2.8	NO	Ø	
934	0851	49.633 01.459	0931	49.656 01.681		49	2.9	NO	Ø	
935	0934	49.683 01.574	1014	49.498 01.320		43	2.7	NO	Ø	
936	1018	49.336 01.340	1058	49.747 01.627		38	2.9	NO	Ø	
937	1102	49.662 01.487	1142	49.684 01.535		45	2.7	NO	Ø	
938	1147	49.565 01.390	1227	49.600 01.298		50	2.3	NO	Ø	
939	1231	49.570 01.470	1311	49.811 01.671		51	2.7	NO	3-COWNOSE RAYS BLUE CRABS LOOK DOWNS	
940	1323	49.484 01.326	1403	49.799 01.602		50	2.3	NO	Ø	

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Date 05 / 01 / 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 23.7 o C

Air Temp 27.2 o C Wind Spd / Dir SE @ 10-15 K Wave Ht 3'-5' Bottom Type SAND/SILT Station #'s 84+00 → 120+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
941	1408	27° 49.712 97° 01.707	1448	27° 49.472 97° 01.329		46	2.8	NO	Ø	
942	1452	49.356 01.148	1532	49.644 01.448		51	2.3	NO	Ø	CREW BOAT GARBAGE + PAPER WORK OFF
943	1646	49.885 01.563	1726	49.598 01.546		38	2.5	NO	BLUE CRABS	
944	1731	49.434 01.256	1811	49.533 01.322		50	2.6	NO	Ø	
945	1816	49.460 01.389	1856	49.691 01.771		47	2.5	NO	8-COWNOSE RAYS BLUE CRABS CUTLASS FISH	WINDS SE @ 15-20 SEAS 4'-7'
946	1910	49.902 01.685	1950	49.560 01.299		45	2.6	NO	1-BLACK TIP SHARK	
947	2001	49.397 01.248	2041	49.633 01.636		51	2.5	NO	Ø	
948	2048	49.841 01.625	2128	49.499 01.409		42	2.8	NO	Ø	
949	2136	49.659 01.664	2216	48.490 01.331		50	2.4	NO	BLUE CRABS	HEAD TO ANCHOR DUE TO SEAS 6'-8'
5/2 950	0710	49.603 01.531	0750	49.475 01.434		48	2.6	NO	Ø	
951	0754	49.590 01.376	0834	49.791 01.703		45	2.5	NO	2-RED DRUM LOOKDOWNS	

Date 5 / 2 / 2007 Dredge Site Corpus Christi, Tx Ship Channel Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRWLA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 24.2 o C

Air Temp 23.8 o C Wind Spd / Dir SE @ 10-15K Wave Ht 3-5' Bottom Type SAND / SILT Station #'s 84 to → 120 to

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
952	0841	27° 49.740 97° 01.326	0921	27° 49.577 97° 01.317		38	2.8	No	Ø	
953	0926	49.459 01.369	1006	49.537 01.402		47	2.8	NO	Ø	
954	1011	49.679 01.698	1051	49.553 01.923		52	2.9	No	Ø	
955	1055	49.489 01.440	1135	49.538 01.321		48	2.6	NO	CUTLASS FISH BLUE CRABS	
956	1147	49.826 01.789	1227	49.654 01.765		49	2.6	YES	lepidochelys kempi	2 - COW NOSE RAYS 1 - BONNET HEAD
957	1239	49.497 01.320	1319	49.463 01.294		49	2.8	NO	Ø	DELAY TO FIX NET
958	1340	49.439 01.175	1420	49.528 01.116		51	2.5	NO	Ø	
959	1425	49.645 01.298	1505	49.337 01.040		42	2.9	NO	Ø	
960	1514	49.667 01.504	1554	49.519 01.461		43	2.6	No	Ø	
961	1559	49.480 01.385	1639	49.780 01.682		51	2.8	NO	1 - SPOTTED EAGLE RAY BLUE CRABS CUTLASS FISH	HOLE IN NET
962	1704	49.546 01.590	1744	49.490 01.430		48	2.5	NO	Ø	

Date 5 / 2 / 2007 Dredge Site CORPUS CHRISTI TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 24.2 o C

Air Temp 26.2 o C Wind Spd / Dir SE @ 10-15 Wave Ht 3-5' Bottom Type SAND/SILT Station #'s 84 TOW → 120 TOW

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
963	1752	27° 49.550 97° 01.340	1832	27° 49.570 97° 01.520		44	2.6	NO	1 - BLACKTIP	
964	1840	49.503 01.318	1920	49.763 01.595		49	2.2	NO	Ø	
965	1928	49.428 01.401	2008	49.418 01.166		45	2.8	NO	Ø	SEAS ~~[illegible]~~ 4-6' WIND SE @ 15-20
966	2013	49.572 01.294	2022	49.743 01.579		44	2.0	NO	Ø	HEADED TO ANCHOR DUE TO SEAS SEAS 6-8'
967	0801	49.094 00.89	0841	49.504 01.513		48	2.5	NO	Ø	AIR - 23.9 water - 24.2°C
968	0849	49.679 01.584	0928	49.679 01.650		49	2.7	NO	Ø	WIND SE @ 10-15 SEAS 3-5'
969	0932	49.594 01.496	1012	49.529 01.322		50	2.5	NO	Ø	
970	1016	49.400 01.374	1056	49.513 01.490		46	2.6	NO	Ø	
971	1059	49.624 01.640	1139	49.600 01.469		51	2.8	NO	Ø	
972	1147	49.469 01.405	1227	49.239 00.956		48	2.7	NO	BLUE CRABS BONNET HEAD SHARK VOCK DOLPHINS	
973	1231	49.317 01.120	1311	49.584 01.611		50	2.9	NO	Ø	

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Date 5 / 3 / 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULSA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 24.7 o C

Air Temp 30.1 o C Wind Spd / Dir SE 5-6 Wave Ht 1-3 Bottom Type SAND | SILT Station #'s 84+00 → 120+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
974	1317	27° 49.646 97° 01.511	1357	27° 49.410 97° 01.170		46	2.7	NO	Ø	
975	1401	49.488 01.400	1441	49.734 01.642		50	2.4	NO	BLUE CRABS CATFISH JELLYFISH	
976	1448	49.560 01.180	1528	49.550 01.530		42	2.6	NO	Ø	TURTLE SIGHTED RIGHT NEXT TO BUOY 6 JUST OUTSIDE OF CHANNEL (UNIDENTIFIED)
977	1533	49.640 01.510	1613	49.473 01.024		50	2.9	NO	BLUE CRABS	
978	1619	49.470 01.303	1659	49.524 01.593		46	2.8	NO	Ø	
979	1705	49.719 01.633	1745	49.739 01.606		51	2.8	NO	Ø	
980	1749	49.606 01.484	1829	49.500 01.388		50	2.9	NO	BONNETHEAD LOOKDOWNS BLUE CRABS	
981	1837	49.617 01.697	1917	49.546 01.605		50	2.4	NO	1-SPOTTED EAGLE RAY BLUE CRABS	
982	1926	49.759 01.609	2006	49.769 01.744		42	2.6	NO	Ø	
983	2012	49.647 01.497	2052	49.674 01.773		47	2.5	NO	SHARK	
984	2057	49.622 01.486	2137	49.642 01.344		46	2.6	NO	Ø	

Date 5 / 3 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTROLJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 24.9 ° C

Air Temp 26.1 ° C Wind Spd / Dir ESE @ 5-10 Wave Ht 2'-4' Bottom Type SAND/SILT Station #'s 84 too → 120 too

	Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
	985	2143	27° 49.555 97° 01.137	2223	27° 49.597 97° 01.511		41	2.7	NO	Ø	
	986	2230	49.491 01.250	2310	49.607 01.469		39	2.6	NO	Ø	
	987	2315	49.440 01.204	2355	49.365 01.132		44	2.7	NO	Ø	
5/4	988	2358	49.260 00.943	0038	49.710 01.708		51	2.3	NO	Ø	
989	[illegible]	0041	49.634 01.527	0121	49.415 01.345		46	2.7	NO	Ø	
990	[illegible]	0124	49.486 01.443	0204	49.672 01.730		52	2.4	NO	Ø	
991	[illegible]	0207	49.663 01.533	0249	49.592 01.536		46	2.6	NO	Ø	
992	[illegible]	0252	49.722 01.729	0332	49.660 01.525		44	2.5	NO	Ø	
993	[illegible]	0336	49.562 01.411	0416	49.464 01.352		45	2.6	NO	Ø	
994	[illegible]	0421	49.384 01.178	0501	49.419 01.128		47	2.7	NO	Ø	
995	[illegible]	0506	49.402 01.217	0546	47.611 01.654		49	2.8	NO	Ø	

Date 5 / 4 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULLA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.3 ○ C

Air Temp 25.2 ○ C Wind Spd / Dir SEE 5-10 K Wave Ht 2-4 Bottom Type SAND/SILT Station #'s 84 too → 170 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
997	0551	27° 49.694 97° 01.589	0631	27° 49.784 97° 01.742		49	2.8	NO	TWO SHARKS	
998	0645	49.456 01.347	0725	49.567 01.216		49	2.7	NO	Ø	
999	0729	49.446 01.193	0809	49.645 01.436		49	2.9	No	SCALLOPED HAMMERHEAD	
1000	0822	49.355 01.259	0902	49.311 01.019		45	2.9	No	Ø	
1001	0907	49.421 01.290	0947	49.475 01.450		50	2.5	NO	Ø	
1002	0951	49.586 01.636	1031	49.440 01.260		51	2.6	NO	SPOTTED EAGLE RAY BLUE CRABS	
1003	1038	49.640 01.640	1118	49.527 01.569		50	2.9	NO	Ø	SHORT DELAY TO CHECK ENGINE
1004	1224	49.360 01.260	1304	49.363 01.375		50	2.4	No	Ø	WINCH REPAIRS
1005	2024	49.638 01.290	2104	49.386 01.299		42	2.6	No	SPOTTED EAGLE RAY	
1006	2112	49.290 01.140	2152	49.450 01.446		43	2.3	NO	Ø	
1007	2156	49.524 01.530	2236	49.237 00.973		46	2.3	NO	Ø	

Date 5 / 5 / 2007 Dredge Site CORPUS CHRISTI / TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 24.3 ○ C

Air Temp 21.1 ○ C Wind Spd / Dir ESE @ 10-15K Wave Ht 3'-5' Bottom Type SAND / SLT Station #'s 84 too → 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1008	2239	27° 49.328 97° 01.093	2319	27° 49.606 97° 01.603		50	2.2	NO	Ø	SHORT DELAY TO FIX NETS
5/5 1009	2335	49.538 01.506	0015	49.620 01.696		45	2.5	NO	Ø	
1010	0025	49.780 01.546	0105	49.596 01.702		43	2.0	NO	2 STINGRAYS	
1011	0115	49.688 01.506	0155	49.611 01.674		46	2.5	NO	STINGRAY	
1012	0315	49.496 00.938	0355	49.464 01.185		47	2.5	NO	Ø	
1013	0400	49.402 01.248	0440	49.429 01.085		43	2.5	NO	Ø	
1014	0447	49.385 01.202	0527	49.397 01.158		47	2.3	NO	Ø	
1015	0535	49.465 01.494	0615	49.388 00.854		41	2.3	NO	Ø	
1016	0620	49.280 00.999	0700	49.456 01.140		46	2.2	NO	Ø	
1017	0705	49.399 01.326	0745	49.390 01.017		50	2.2	NO	Ø	
1018	0749	49.309 01.160	0829	49.892 01.707		45	2.8	NO	Ø	

Date 5 / 5 / 2007 Dredge Site CORPUS CHRISTI TX SHIP CHANNEL Dredge COLUMBIA

Trawler FV TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 21.5 ° C

Air Temp 26.1 ° C Wind Spd / Dir SE 15-20 Wave Ht 3'-5' Bottom Type SAND/SILT Station #'s 84 → 120

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1019	0833	27° 49.760 97° 01.594	0913	27° 49.734 97° 01.640		46	2.0	NO	Ø	
1020	0917	49.650 01.500	0957	49.670 01.540		47	2.1	NO	Ø	
1021	1001	49.560 01.390	1041	49.706 01.590		50	2.2	NO	BULL SHARK	
1022	1051	49.489 01.338	1131	49.721 01.767		50	2.4	NO	Ø	
1023	1136	49.752 01.720	1216	49.817 01.715		48	2.0	NO	Ø	
1024	1220	49.693 01.612	1300	49.822 01.691		49	2.5	NO	Ø	
1025	1304	49.702 01.580	1344	49.741 01.591		47	2.1	NO	Ø	SHIP TRAFFIC
1026	1359	49.549 01.501	1439	49.460 00.886		50	2.8	NO	Ø	HEADED TO DOCK FOR REPAIRS
1027	1443	49.565 01.597	1523	49.708 01.603		49	2.6	NO	Ø	AIR - 26.3°C SEAS -
5/7 1028	0904	49.597 01.628	0944	49.683 01.480		48	2.7	NO	Ø	WIND - SE @ 10-15 K WAVES - 3'-5'
1029	0949	49.632 01.648	1029	49.701 01.592		51	2.8	NO	Ø	

Date 5/7/2007 Dredge Site Corpus Christi, TX Ship Channel Dredge Columbia

Trawler F/V Two Dios Biologist(s) Travis Tobey Capt Kotrola

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.8 ° C

Air Temp 26.2 ° C Wind Spd / Dir SE 10-15 Wave Ht 3-5' Bottom Type Sand / Silt Station #'s 84 100 → 120 100

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1030	1034	27° 49.787 97° 01.659	1114	27° 49.660 97° 01.396		46	2.7	No	Ø	
1031	1118	49.719 01.620	1158	49.673 01.736		49	2.9	Yes	lepidochelys kempi	
1032	1206	49.570 01.650	1245	49.604 01.523		49	2.5	No	Ø	
1033	1249	49.490 01.365	1329	49.385 01.207		51	2.5	No	Ø	
1034	1333	49.460 01.271	1413	49.706 01.572		50	2.9	No	Ø	
1035	1419	49.724 01.815	1459	49.647 01.484		52	2.8	No	Ø	
1036	1506	49.600 01.651	1546	49.430 01.600		51	2.7	No	Ø	
1037	1552	49.492 01.534	1632	49.685 01.771		48	2.7	NO	Ø	DELAY TO FIX BROKEN SUGAR LINE
1038	1650	49.426 01.308	1730	49.461 01.273		48	2.8	NO	Ø	
1039	1736	49.429 01.401	1816	49.476 01.475		47	2.4	No	Ø	
1040	1827	49.670 01.601	1833	49.570 01.360		50	2.8	NO	Ø	HEAD TO DROP OFF TURTLE

Date 05/07/2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS LOBEY Capt KOTRULIA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.8 o C

Air Temp 23.4 o C Wind Spd / Dir SE @15 20K Wave Ht 3-5' Bottom Type SAND / SILT Station #'s 84 to → 120 to

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1041	2028	27° 49.396 97° 01.245	2108	27° 49.59 97°		48	2.5	NO	Ø	
1042	2114	49.646 01.510	2154	49.526 01.586		47	2.6	NO	Ø	SEAS -4'-6'
1043	2200	49.674 01.711	2240	49.305 01.198		37	2.3	NO	STINGRAY BLUE CRABS	
1044	2248	49.561 01.484	2328	49.470 01.433		41	2.4	NO	Ø	
1045	2332	49.563 01.583	0012	49.687 01.530		45	2.3	NO	Ø	
1046	0020	49.666 01.599	0100	49.542 01.383		45	2.7	NO	Ø	HEAD TO ANCHOR DUE TO SEAS
1047	0630	49.624 01.640	0710	49.600 01.469		46	2.8	NO	Ø	
1048	0715	49.324 00.992	0755	49.343 01.158		44	2.6	NO	Ø	
1049	0759	49.459 01.355	0829	49.331 01.091		46	2.5	NO	Ø	
1050	0832	49.381 01.231	0912	49.377 01.024		45	2.4	NO	Ø	
1051	0918	49.373 01.192	0958	49.454 01.401		43	2.5	NO	Ø	

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Date 5 / 8 / 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.8 o C

Air Temp 32.4 o C Wind Spd / Dir SE @ 10-15K Wave Ht 3'-5' Bottom Type SAND/SILT Station #'s 84 TOW → 120 TOW

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1052	1001	27° 49.573 97° 01.571	1041	27° 49.452 97° 01.420		47	2.4	NO	Ø	
1053	1046	49.413 01.443	1126	49.502 01.487		46	2.2	NO	Ø	
1054	1137	49.416 01.281	1217	49.473 01.447		51	2.8	NO	SHARK STINGRAYS CRABS, LOOKDOWNS	
1055	1227	49.500 01.415	1307	49.685 01.640		49	2.7	NO	Ø	
1056	1311	49.590 01.521	1351	49.580 01.437		49	2.4	NO	Ø	
1057	1355	49.500 01.364	1435	49.480 01.39		49	2.5	NO	Ø	
1058	1439	49.466 01.496	1519	49.486 01.430		46	2.7	NO	Ø	
1059	1524	49.629 01.672	1604	49.759 01.817		48	2.6	NO	STINGRAY CATFISH BLUE CRABS	
1060	1611	49.781 01.662	1637	49.619 01.746		42	2.8	NO	JELLYFISH LOOKDOWNS BLACKTIP SHARK	SHIP TRAFFIC
1061	1648	49.560 01.654	1728	49.626 01.712		50	2.8	NO	Ø	
1062	1733	49.777 01.699	1813	49.841 01.701		49	2.7			

Date 5 / 8 /2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULLA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.8 o C

Air Temp 28.1 o C Wind Spd / Dir SE @ 5-10 Wave Ht 2-4 Bottom Type SAND / SILT Station #'s 84 → 120

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1063	1816	27° 49.680 97° 01.600	1856	27° 49.494 97° 01.335		50	2.6	NO	SHARK	
1064	1901	49.434 01.200	1941	49.402 01.363		49	2.5	NO	Ø	
1065	1945	49.537 01.596	2025	49.627 01.713		49	2.6	NO	Ø	
1066	2030	49.802 01.702	2110	49.638 01.596		49	2.7	NO	Ø	
1067	2115	49.511 01.410	2155	49.420 01.055		48	2.6	NO	Ø	
1068	2200	49.388 00.861	2240	49.415 01.438		36	2.7	NO	Ø	
1069	2250	49.521 01.594	2330	49.596 01.698		42	2.7	NO	Ø	
1070	2340	49.745 01.511	0020	49.680 01.605		44	2.7	NO	Ø	
1071	0025	49.612 01.527	0105	49.403 01.256		47	2.7	NO	Ø	
1072	0109	49.386 01.367	0149	49.062 01.447		39	1.9	NO	Ø	
1073	0152	49.647 01.679	0232	49.421 01.369		38	2.1	NO	Ø	

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Date 5 / 9 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.9 ° C

Air Temp 23.4 ° C Wind Spd / Dir SE @5-10 Wave Ht 3-5' Bottom Type SAND/SILT Station #'s 84 TOW → 120 TOW

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1074	0236	27° 49.529 97° 01.433	0316	27° 49.579 97° 01.613		43	2.4	NO	Ø	
1075	0320	49.564 01.393	0400	49.424 01.305		46	2.5	NO	Ø	
1076	0404	49.502 01.467	0444	49.709 01.565		38	2.6	NO	SHARK	
1077	0451	49.515 01.344	0531	49.590 01.427		45	2.0	NO	Ø	
1078	0535	49.488 01.328	0615	49.402 01.249		45	2.3	NO	Ø	
1079	0621	49.433 01.303	0701	49.511 01.357		46	2.4	NO	Ø	
1080	0701	49.366 01.239	0741	49.660 01.577		42	2.4	NO	BLUE CRABS LOOKDOWNS RED FISH	
1081	0756	49.573 01.184	0836	49.326 01.163		40	2.3	NO	Ø	
1082	0840	49.507 01.385	0920	49.435 01.216		50	2.7	NO	BLUE CRABS	DELAY TO FIX NETS
1083	0942	49.620 01.490	1022	49.790 01.670		51	2.6	NO	Ø	
1084	1026	49.713 01.548	1106	49.699 01.758		46	2.7	NO	Ø	

Date 5 / 9 / 2007 Dredge Site Corpus Christi, Tx Ship Channel Dredge Columbia

Trawler F/V Two Didos Biologist(s) Travis Tobey Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.9 o C

Air Temp 26.4 o C Wind Spd / Dir SSE 5-10 Wave Ht 3-5' Bottom Type Sand / Silt Station #'s 84 to → 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1085	1110	27° 49.613 97° 01.364	1180	27° 49.658 97° 01.721		43	2.4	NO	BLUE CRABS STINGRAY	
1086	1201	49.720 01.510	1241	49.464 01.212		43	2.5	NO	Ø	
1087	1246	49.366 01.040	1326	49.483 01.280		48	2.4	NO	COWNOSE RAY	
1088	1330	49.370 01.100	1410	49.495 01.446		50	2.4	NO	CRABS JELLY FISH SHARK	
1089	1419	49.265 01.070	1459	49.400 01.114		48	2.6	NO	COWNOSE RAY	
1090	1507	49.423 01.300	1547	49.210 01.117		46	2.8	NO	Ø	
1091	1550	49.354 01.295	1630	49.490 01.431		44	2.6	NO	Ø	
1092	1644	49.613 01.455	1714	49.331 01.240		46	2.7	NO	Ø	
1093	1718	49.466 01.417	1758	49.740 01.674		48	2.5	NO	Ø	
1094	1802	49.620 01.520	1842	49.426 01.359		50	2.6	NO	BLUE CRABS SHARK CUTLASS FISH	
1095	1952	49.500 01.541	1932	49.445 01.455		50	2.5			

Date 5 / 9 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIPOS Biologist(s) TRAVIS LOBET Capt KOTROLJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.9 o C

Air Temp 22.7 o C Wind Spd / Dir SE @ 5-10K Wave Ht 2-4' Bottom Type SAND / SILT Station #'s 84 two & 120 two

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1096	1940	27° 49.653 97° 01.586	2020	27° 49.400 97° 01.108		51	2.5	NO	BLUE CRABS	
1097	2030	49.505 01.540	2110	49.405 01.389		46	2.1	NO	Ø	
1098	2116	49.620 01.350	2150	49.635 01.743		42	2.5	NO	Ø	DELAY TO FIX TORN NET
1099	2307	49.301 01.197	2347	49.240 00.832		44	2.7	NO	Ø	
5/10 1100	2351	49.411 01.889	0031	49.471 01.407		42	2.0	NO	BLUE CRABS CAT FISH	
1101	0040	49.608 01.494	0120	49.624 01.641		47	1.5	NO	Ø	
1102	0126	49.724 01.367	0206	49.550 01.542		43	1.3	NO	Ø	
1103	0211	49.650 01.687	0251	49.650 01.655		46	1.5	NO	Ø	
1104	0300	49.721 01.583	0340	49.736 01.241		30	2.4	NO	2 STINGRAYS	
1105	0350	49.799 01.478	0430	49.446 01.498		37	2.1	NO	Ø	
1106	0435	49.583 01.565	0515	49.575 01.653		42	2.2	NO	Ø	

Date 5 / 10 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DUDES Biologist(s) TRAVIS TOBEY Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.0 o C

Air Temp 23.3 o C Wind Spd / Dir NW @ 15-20 K Wave Ht 2'-4' Bottom Type SAND / SILT Station #'s 84 to → 120 to

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1107	0527	27° 49.643 97° 01.461	0607	27° 49.860 97° 01.449		39	2.4	NO	Ø	
1108	0615	49.627 01.474	0655	49.418 01.176		42	2.7	NO	BLUE CRABS SHARK CAT FISH	
1109	0705	49.295 00.715	0745	49.366 01.101		46	2.8	NO	Ø	
1110	0748	49.318 01.145	0828	49.479 01.383		50	2.4	NO	BLUE CRABS	
1111	0837	49.480 01.250	0856	49.503 01.389		48	2.8	NO	Ø	NET HUNG
1112	0900	49.627 01.536	0940	49.506 01.402		48	2.5	NO	Ø	
1113	0944	49.690 01.539	1024	49.294 00.727		43	2.5	NO	Ø	
1114	1029	49.350 00.621	1109	49.507 01.032		44	2.8	NO	Ø	
1115	1113	49.310 00.907	1153	49.520 01.085		48	2.5	NO	BLUE CRABS	
1116	1156	49.383 00.876	1236	49.628 01.231		45	2.9	NO	COWNOSE RAYS	
1117	1243	49.359 00.901	1323	49.589 01.184		46	2.6	NO	Ø	

Date 5 / 10 / 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBBET Capt

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.0 o C

Air Temp 27.3 o C Wind Spd / Dir SE @ 15 K Wave Ht 1 Bottom Type SAND / SILT Station #'s 84 to 120 to

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1118	1327	27° 49.390 97° 01.080	1407	27° 49.520 97° 01.323		51	2.3	NO	Ø	
1119	1416	49.420 01.256	1456	49.837 01.460		48	2.9	NO	Ø	
1120	1500	49.700 01.373	1546	49.756 01.549		41	2.2	NO	Ø	
1121	1544	49.815 01.470	1624	49.824 01.590		39	2.8	NO	Ø	
1122	1628	49.769 01.615	1708	49.090 01.381		44	2.9	NO	Ø	
1123	1711	49.445 01.214	1751	49.697 01.231		47	2.8	NO	Ø	
1124	1755	49.759 01.391	1835	49.625 01.070		42	2.6	NO	Ø	
1125	1840	49.747 01.730	1920	49.750 01.640		51	2.5	NO	Ø	
1126	1925	49.898 01.550	2005	49.890 01.626		42	2.5	NO	Ø	
1127	2009	49.786 01.615	2049	49.829 01.596		43	2.6	NO	Ø	
1128	2053	49.702 01.415	2133	48.888 01.475		43	2.3	NO	Ø	

Date 5 / 10 / 2007 Dredge Site Corpus Christi, TX Ship Channel Dredge Columbia

Trawler F/V Two Didos Biologist(s) Travis Tobey Capt Kotrolsa

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.0 ° C

Air Temp 26.4 ° C Wind Spd / Dir NW @ 10-15 Wave Ht 2'-4' Bottom Type Sand/Silt Station #'s 84 too → 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1129	2145	27° 49.785 97° 01.474	2225	27° 49.788 97° 01.695		36	2.7	NO	Ø	
1130	2230	49.687 01.677	2310	49.973 01.515		30	2.5	NO	Ø	
1131	2315	49.759 01.972	2355	49.808 01.432		37	2.2	NO	Ø	
5/11 1132	2400	49.803 01.474	0040	49.632 01.495		46	2.6	NO	SHARK BLUE CRABS	
1133	0049	49.366 01.194	0129	49.723 01.662		44	2.4	NO	Ø	
1134	0135	49.537 01.364	0215	49.623 01.468		46	2.7	NO	STINGRAYS SHARK BLUE CRABS	
1135	0225	49.414 01.186	0305	49.625 01.428		41	2.4	NO	DRUM BLUE CRABS	
1136	0314	49.463 01.304	0354	49.383 01.175		46	2.3	NO	Ø	
1137	0358	49.485 01.278	0438	49.423 01.064		39	2.6	NO	Ø	
1138	0441	49.449 01.258	0521	49.632 01.468		44	2.3	NO	Ø	
1139	0525	49.554 01.431	0605	49.649 01.501		43	2.6	NO	Ø	

Date 5 / 11 / 2007 Dredge Site Corpus Christi, Tx, Ship Channel Dredge Columbia

Trawler F/V Two Dios Biologist(s) Travis Torbert Capt Kotrolsa

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.8 ○ C

Air Temp 30.1 ○ C Wind Spd / Dir NE 5-10K Wave Ht 1-2 Bottom Type Sand / Silt Station #'s 84 too > 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1140	0609	27° 49.564 97° 01.431	0649	27° 49.573 97° 01.382	L	46	2.3	NO	BLACKTIP	SHORT DELAY TO FIX NET
1141	0651	49.298 01.057	0739	49.341 00.717		42	2.5	NO	Ø	
1142	0743	49.441 00.699	0823	49.496 01.047		41	2.4	NO	Ø	
1143	0826	49.350 00.869	0906	49.631 01.269		42	2.4	NO	STINGRAY	
1144	0910	49.482 01.015	0950	49.715 01.247		40	2.9	NO	Ø	
1145	0954	49.547 01.009	1034	49.835 01.692		40	2.6	NO	STINGRAY CUTLASS FISH CATFISH	HAMMERHEAD
1146	1041	49.601 01.354	1121	49.217 00.895		43	2.5	NO	Ø	
1147	1125	49.290 00.917	1205	49.436 00.989		51	2.7	NO	Ø	
1148	1209	49.333 00.786	1249	49.586 01.471		43	2.8	NO	BLUECRABS	
1149	1253	49.459 01.260	1333	49.650 01.527		48	2.7	NO	Ø	
1150	1337	49.526 01.355	1417	49.841 01.758		46	2.5	NO	Ø	

Date 5 / 11 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIOS Biologist(s) TRAVIS TOBEY Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.9 ○ C

Air Temp 30.3 ○ C Wind Spd / Dir E @ 5-10 K Wave Ht 1'-2' Bottom Type SAND / SILT Station #'s 84 tow → 120 tow

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1151	1422	27° 49.672 97° 01.600	1502	27° 49.722 97° 01.720		51	2.4	NO	Ø	
1152	1506	49.655 01.528	1546	49.829 01.852		50	2.5	NO	Ø	
1153	1550	49.703 01.701	1630	49.655 01.303		49	2.6	NO	SPOTTED EAGLE RAY	
1154	1641	49.603 01.092	1721	49.494 00.921		42	2.6	NO	Ø	
1155	1724	49.572 01.807	1804	49.571 00.993		39	2.5	NO	Ø	
1156	1808	49.634 01.227	1848	49.446 00.860		40	2.6	NO	SHARK	
1157	1851	49.554 01.068	1931	49.564 01.119		40	2.6	NO	BLACKTIP SHARK HAMMERHEAD CONNOSE RAYS	LOOKDOWNS
1158	1945	49.602 01.148	2025	49.543 01.103		40	2.9	NO	Ø	
1159	2028	49.432 00.942	2108	49.497 01.030		41	2.5	NO	Ø	
1160	2113	49.570 01.012	2153	49.385 00.907		39	2.6	NO	Ø	
1161	2158	49.491 01.008	2238	49.543 00.984		33	2.8	NO	Ø	

Date 5 / 12 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler FN TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTROLSA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.9 ○ C

Air Temp 26.1 ○ C Wind Spd / Dir SE @ 5-10 Wave Ht 1-2' Bottom Type SAND / SILT Station #'s 84 too → 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1162	2242	27° 49.593 97° 01.123	2322	27° 49.580 97° 01.173		36	2.8	NO	SHARK STINGRAY	
5/12 1163	2329	49.675 01.389	0009	49.475 00.956		32	2.4	NO	Ø	
1164	0015	49.622 01.040	0055	49.448 00.737		34	2.5	NO	STINGRAY BLUE CRABS	
1165	0112	49.486 00.789	0152	49.433 00.879		33	2.7	NO	Ø	
1166	0200	49.316 00.647	0240	49.809 01.483		32	2.6	NO	Ø	
1167	0247	49.703 01.387	0327	49.858 01.458		28	2.7	NO	Ø	
1168	0335	49.733 01.466	0415	49.616 01.558		31	2.6	NO	STINGRAY SHARK	
1169	0420	49.688 01.289	0500	48.421 00.776		34	2.7	NO	Ø	DELAY TO CHECK ENGINE
1170	0600	49.425 00.715	0640	49.580 01.119		31	2.6	NO	Ø	
1171	0645	49.467 00.836	0725	49.585 01.533		34	2.5	NO	Ø	
1172	0732	49.267 01.229	0812	49.687 01.349		33	2.6	NO	Ø	

Date 5 / 12 / 2007 Dredge Site Corpus Christi, Tx Ship Channel Dredge Columbia

Trawler F/V Two Dudos Biologist(s) Travis Tobey Capt Kotrolja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.9 C

Air Temp 24.3 C Wind Spd / Dir SSE 5-10 Wave Ht 1-1.5 Bottom Type Sand/Silt Station #'s 84 too → 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1173	0817	27° 49.654 97° 01.205	0857	27° 49.728 97° 01.546		37	2.4	NO	HAMMERHEAD STINGRAYS BLUE CRABS	
1174	0906	49.657 01.168	0946	49.575 01.137		32	2.6	NO	Ø	
1175	0930	49.395 00.875	1030	49.506 01.046		41	2.5	NO	BONNETHEAD	
1176	1036	49.565 01.007	1116	49.477 00.875		42	2.8	NO	Ø	
1177	1120	49.559 01.068	1200	49.596 01.118		40	2.6	NO	SPOTTED EAGLE RAY	
1178	1213	49.681 01.232	1253	49.672 01.275		41	2.6	NO	Ø	
1179	1257	49.502 01.128	1337	49.649 01.371		40	2.7	NO	SPOTTED EAGLE RAY	
1180	1341	49.623 01.107	1421	49.775 01.460		41	2.7	NO	BONNETHEAD	
1181	1427	49.618 01.222	1507	49.682 01.346		39	2.7	NO	Ø	
1182	1510	49.612 01.231	1550	49.686 01.381		41	2.8	NO	Ø	
1183	1554	49.617 01.213	1634	49.701 01.537		42	2.8	NO	Ø	

Date 5 / 12 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRU WA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.9 ○ C

Air Temp 29.2 ○ C Wind Spd / Dir E@5-10K Wave Ht 1-1.5 Bottom Type SAND/SILT Station #'s 84 +00 → 120 +00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1184	1638	27° 49.644 97° 01.291	1718	27° 49.702 97° 01.308		40	2.8	NO	STINGRAY	
1185	1721	49.790 01.577	1801	49.705 01.437		39	2.9	NO	STINGRAY	
1186	1806	49.783 01.609	1846	49.843 01.660		40	2.9	NO	Ø	
1187	1853	49.696 01.581	1933	49.902 01.539		48	2.8	NO	Ø	
1188	1939	49.763 01.654	2019	49.661 01.306		44	2.9	NO	Ø	
1189	2022	49.744 01.497	2102	49.677 01.386		40	2.4	NO	SPOTTED EAGLE RAY BONNET HEAD	
1190	2115	49.873 01.562	2155	48.769 01.421		34	2.6	NO	Ø	
1191	2205	49.860 01.531	2245	49.721 01.160		30	2.5	NO	Ø	
1192	2253	49.798 01.326	2333	49.344 00.731		35	2.7	NO	Ø	
5/13 1193	2340	49.563 00.890	0020	49.540 00.857		33	2.6	NO	Ø	
1194	0024	49.545 00.998	0104	49.293 00.871		44	2.8	NO	SHARK STINGRAY	

Date 5 / 13 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTROLJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.1 ○ C

Air Temp 26.4 ○ C Wind Spd / Dir SE @ 5-10 Wave Ht 1 Bottom Type SAND/SILT Station #'s 84 → 120

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1195	0115	27° 49.616 97° 01.205	0155	27° 49.399 97° 00.859		35	2.7	NO	Ø	
1196	0159	49.519 01.026	0239	49.362 00.922		36	2.8	NO	SHARK DRUM	
1197	0247	49.508 01.051	0327	49.445 00.733		34	2.6	NO	Ø	
1198	0332	49.384 00.801	0412	49.519 00.998		32	2.7	NO	Ø	
1199	0415	49.441 00.881	0455	49.654 01.249		33	2.8	NO	Ø	
1200	0459	49.569 01.124	0539	49.735 01.526		36	2.7	NO	STINGRAY BLUECRABS	
1201	0545	49.636 01.252	0625	49.926 01.574		33	2.6	NO	STING RAY BLUE CRABS	
1202	0636	49.719 01.264	0716	49.799 01.340		27	2.8	NO	REDFISH	
1203	0722	49.556 01.026	0802	49.697 01.321		31	2.7	NO	25-30 REDFISH	
1204	0820	49.322 00.562	0900	49.329 01.089		43	3.3	NO	Ø	
1205	0905	49.329 00.581	0945	49.552 00.941		31	2.9	NO	Ø	

Date 5 / 13 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTROLIA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.1 ○ C

Air Temp 27.4 ○ C Wind Spd / Dir LIGHT Wave Ht <1 Bottom Type SAND/SILT Station #'s 84 too + 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1206	0955	27° 49.453 97° 00.734	1035	27° 49.626 97° 01.321		35	3.0	NO	REDFISH.	
1207	1050	49.234 00.471	1130	49.563 00.996		43	2.8	NO	Ø	
1208	1134	49.407 00.945	1214	49.505 01.281		41	2.8	NO	Ø	
1209	1218	49.693 01.465	1258	49.543 01.451		40	2.5	NO	Ø	
1210	1304	49.505 01.503	1329	49.660 01.637		45	3.0	NO	Ø	CREW BOAT ALONG SIDE FOR SAMPLE
1211	1336	49.782 01.466	1416	49.562 01.377		36	2.9	NO	Ø	
1212	1419	49.375 01.214	1459	49.419 01.213		60	2.8	NO	Ø	
1213	1503	49.545 01.382	1543	49.850 01.642		51	2.8	NO	Ø	
1214	1546	49.763 01.666	1626	49.644 01.521		46	2.6	NO	BACKTIP	
1215	1629	49.403 01.382	1709	49.399 01.244		48	2.9	NO	Ø	
1216	1713	49.306 01.040	1753	49.326 00.956		50	2.9	NO	Ø	

Date 5 / 13 / 2007 Dredge Site CORPUS CHRIST, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DADDS Biologist(s) TRAVIS TOBBY Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.1 ○ C

Air Temp 31.2 ○ C Wind Spd / Dir SBE 5-10 K Wave Ht 1 Bottom Type SAND | SILT Station #'s 84 to → 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1217	1757	27° 49.510 97° 01.059	1837	27° 49.472 97° 01.358		38	2.3	NO	Ø	
1218	1841	49.326 01.152	1921	49.405 00.900		46	2.9	NO	STINGRAY	
1219	1926	49.846 00.923	2006	49.271 00.950		38	2.2	NO	Ø	
1220	2040	49.327 00.956	2050	49.329 01.091		50	2.3	NO	Ø	
1221	2058	49.471 01.350	2138	49.458 01.382		50	2.8	NO	Ø	
1222	2142	49.550 01.532	2222	49.480 01.397		43	2.7	NO	Ø	
1223	2232	49.572 01.429	2312	49.706 01.632		43	2.6	NO	Ø	
1224	2317	49.713 01.353	2357	49.809 01.423		28	2.3	NO	Ø	
1225	0007	49.580 01.049	0047	49.345 01.167		46	2.7	NO	Ø	
1226	0055	49.303 01.007	0135	49.588 00.866		34	2.7	NO	Ø	
1227	0145	49.403 00.991	0225	49.320 01.020		46	2.7	NO	Ø	

5/14

Date 5 / 14 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.5 ○ C

Air Temp 23.6 ○ C Wind Spd / Dir NW@5-10K Wave Ht 1-1.5 Bottom Type SAND/SILT Station #'s 84+00 → 120+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1228	0228	27° 49.259 97° 00.798	0308	27° 49.724 97° 01.344		31	2.4	NO	Ø	
1229	0315	49.626 01.118	0355	49.362 01.524		46	2.6	NO	Ø	
1230	0400	49.266 00.782	0440	49.368 00.363		36	2.7	NO	Ø	
1231	0450	49.532 00.687	0530	49.369 01.089		46	2.6	NO	Ø	
1232	0536	49.383 00.898	0616	49.465 00.948		33	2.7	NO	Ø	
1233	0622	49.560 00.945	0702	49.243 00.735		42	2.8	NO	SHARK	
1234	0707	49.194 00.788	0747	49.524 00.960		44	2.7	NO	Ø	
1235	0750	49.353 00.806	0830	49.407 01.150		42	2.8	NO	Ø	
1236	0836	49.402 01.084	0916	49.313 00.806		51	2.8	NO	Ø	
1237	0920	49.398 00.993	1000	49.749 01.394		42	2.8	NO	Ø	
1238	1004	49.631 01.198	1044	49.809 01.418		39	2.7	NO	Ø	

Date 5 / 14 / 2007 Dredge Site Corpus Christi, Tx Ship Channel Dredge Columbia

Trawler F/V Two Didos Biologist(s) Travis Tobey Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.5 ○ C

Air Temp 28.3 ○ C Wind Spd / Dir NW @ 1-5 Wave Ht <1 Bottom Type Sand/Silt Station #'s 84 to 120

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1239	1047	27° 49.689 97° 01.261	1127	27° 49.682 97° 01.334		37	2.7	No	Blue Crabs	
1240	1135	49.574 00.965	1215	49.678 01.299		39	2.9	No	Ø	
1241	1218	49.626 01.179	1258	49.690 01.328		38	2.6	No	Ø	
1242	1301	49.625 01.175	1341	49.950 01.540		40	2.9	No	Ø	
1243	1344	49.847 01.420	1424	49.696 01.601		34	2.8	No	Ø	
1244	1428	49.724 01.496	1508	49.585 01.604		41	2.8	No	Shark	
1245	1512	49.696 01.527	1552	49.795 01.408		43	2.9	No	Ø	
1246	1555	49.688 01.272	1635	49.512 01.282		37	2.8	No	Ø	
1247	1640	49.458 01.150	1720	49.595 01.241		41	2.9	Yes	caretta caretta	
1248	1730	49.493 01.268	1810	49.627 01.240		51	2.9	No	Ø	
1249	1817	49.731 01.267	1857	49.601 01.142		34	2.2	No	Ø	

Date 5 / 14 / 2007 Dredge Site Corpus Christi, TX Ship Channel Dredge Columbia

Trawler F/V Two Dudes Biologist(s) Travis Tobey Capt Kotrulsa

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.5 ○ C

Air Temp 24.2 ○ C Wind Spd / Dir SE @ 5-10 K Wave Ht < 1 Bottom Type Sand/Silt Station #'s 84 TRO → 120 TRO

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1250	1900	27°49.694 97°01.200	1930	27° 49.457 97° 00.782		34	2.3	NO	2 SHARKS	SHIP TRAFFIC
1251	1952	49.301 01.218	2032	49.427 00.750		42	2.5	NO	Ø	
1252	2035	49.485 00.840	2115	49.518 00.891		39	2.6	NO	Ø	
1253	2127	49.284 00.789	2207	49.350 00.941		42	2.8	NO	Ø	
1254	2215	49.251 00.757	2255	49.608 01.206		32	2.6	NO	Ø	
1255	2300	49.484 00.964	2340	49.487 01.350		45	2.7	NO	Ø	
5/15 1256	2345	49.453 01.185	0025	49.643 01.193		36	2.4	NO	Ø	
1257	0034	49.543 01.017	0114	49.428 01.147		46	2.6	NO	Ø	
1258	0120	49.463 01.283	0200	49.820 01.470		28	2.2	NO	Ø	DELAY TO FIX NET
1259	0220	49.754 01.410	0300	49.763 01.387		32	2.4	NO	Ø	
1260	0305	49.678 01.299	0345	49.903 01.545		30.	2.6	NO	CRABS 2-RAYS	HEAD TO PROP OFF TURTLE

Date 5 / 15 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler FN TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.4 ○ C

Air Temp 27.6 ○ C Wind Spd / Dir SE 5-10 K Wave Ht 1-1.5 Bottom Type SAND/SILT Station #'s 84+00 → 120+00

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1261	0548	27° 49.251 97° 00.854	0628	27° 49.587 97° 01.055		37	2.7	NO	SHARK RAY	
1262	0637	49.704 01.249	0717	49.788 01.458		31	2.6	NO	Ø	
1263	0720	49.732 01.365	0800	49.809 01.451		2.8	2.6	NO	Ø	
1264	0803	49.724 01.398	0843	49.432 01.024		34	2.8	NO	Ø	
1265	0850	49.438 01.112	0930	49.479 00.513		36	2.6	NO	Ø	
1266	0935	49.412 00.894	1015	49.437 01.181		47	2.9	NO	BLUE CRABS	
1267	1020	49.386 00.973	1100	49.836 01.550		36	2.7	NO	Ø	
1268	1105	41.881 01.691	1145	49.419 01.073		39	3.0	NO	Ø	
1269	1154	49.588 01.163	1234	49.745 01.258		40	2.8	NO	Ø	
1270	1238	49.687 01.341	1318	49.584 01.107		39	2.7	NO	Ø	
1271	1323	49.765 01.290	1403	49.479 01.241		36	2.8	NO	Ø	

Date 5 / 15 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTROLIA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.4 ○ C

Air Temp 28.6 ○ C Wind Spd / Dir SE@10-15K Wave Ht 1-2 Bottom Type SAND/SILT Station #'s 84 tow → 120 tow

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1272	1407	27° 49.637 97° 01.371	1447	27° 49.427 97° 01.256		40	2.9	NO	Ø	
1273	1450	49.587 01.404	1530	49.683 01.252		50	2.7	NO	Ø	
1274	1533	49.547 01.145	1613	49.603 01.116		41	2.7	NO	Ø	
1275	1620	49.578 01.375	1700	49.622 01.181		44	2.8	NO	Ø	
1276	1706	49.660 01.017	1746	49.802 01.344		36	2.4	NO	Ø	SEAS 1-3' WIND SE@10-15K
1277	1749	49.658 01.145	1829	49.762 01.428		37	2.9	NO	CUTLASS FISH	
1278	1831	49.651 01.302	1911	49.055 01.494		38	2.6	NO	1-CONNOSE RAY	
1279	1915	49.717 01.397	1955	49.690 01.308		39	3.0	NO	Ø	
1280	2000	49.616 01.228	2040	49.643 01.369		42	2.7	NO	Ø	
1281	2044	49.418 01.246	2124	49.793 01.348		50	2.9	NO	Ø	
1282	2128	49.697 01.198	2208	49.572 01.066		31	2.3	NO	Ø	DOORS CROSSED

Date 5 / 16 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DUDES Biologist(s) TRAVIS TOBEY Capt KOTROLJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.9 ° C

Air Temp 26.3 ° C Wind Spd / Dir NE @ 5-10 k Wave Ht 1 Bottom Type SAND / SILT Station #'s 84 too → 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1283	2272	27° 49.698 97° 01.182	2302	27° 49.436 97° 01.295		47	2.8	NO	Ø	
1284	2305	49.377 01.151	2345	49.582 01.095		37	2.8	NO	CRABS	
5/16 1285	2349	49.522 00.877	0029	49.629 01.306		34	3.0	NO	Ø	
1286	0035	49.576 01.033	0115	49.566 01.197		47	2.8	NO	Ø	
1287	0120	49.366 01.228	0200	49.429 00.760		36	2.7	NO	RAY	
1288	0207	49.387 00.803	0247	49.492 00.675		36	2.8	NO	Ø	
1289	0300	49.562 00.798	0340	49.411 00.898		35	2.6	NO	Ø	
1290	0350	49.463 00.784	0430	49.355 01.196		48	2.5	NO	Ø	
1291	0435	49.505 01.333	0515	49.345 00.648		36	2.6	NO	LOOKDOWNS RAY	
1292	0520	49.477 00.693	0600	49.577 00.901		34	2.4	NO	Ø	
1293	0607	49.526 00.778	0647	49.451 01.463		39	2.7	NO	Ø	

Date 5 / 16 / 2007 Dredge Site Corpus Christi, Tx Ship Channel Dredge Columbia

Trawler F/V Two Dudes Biologist(s) Travis Tobey Capt Kotrulja

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.9 ○ C

Air Temp 24.2 ○ C Wind Spd / Dir Light Wave Ht <1 Bottom Type Sand/Silt Station #'s 84 too → 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1294	0707	27° 49.867 97° 01.571	0747	27° 49.878 97° 01.380		38	2.7	No	Ø	
1295	0752	49.875 01.543	0832	49.826 01.678		36	2.5	No	Ø	
1296	0836	49.800 01.530	0916	49.674 01.353		38	2.6	No	Ø	Crew boat to get trash + printer
1297	0929	49.569 00.941	1009	49.459 00.956		39	2.8	No	Ø	
1298	1014	49.549 01.110	1054	49.565 01.179		40	2.7	No	Cownose Ray	
1299	1057	49.620 01.290	1137	49.540 01.442		42	2.5	No	Ø	
1300	1140	49.630 01.602	1220	49.680 01.355		52	2.8	No	Ø	
1301	1223	49.710 01.504	1303	49.622 01.629		43	2.7	No	Ø	
1302	1306	49.700 01.604	1346	49.721 01.526		50	2.5	No	Blacktip Shark	
1303	1349	49.674 01.381	1429	49.905 01.567		42	2.5	No	Ø	
1304	1436	49.672 01.280	1516	49.295 00.984		41	2.8	No	Ø	

Date 5 / 16 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.9 ○ C

Air Temp 30.6 ○ C Wind Spd / Dir NE 6-10 Wave Ht 1 Bottom Type SAND/SILT Station #'s 94 to → 120 to

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1305	1520	27° 49.407 97° 01.047	1600	27° 49.433 97° 01.195		49	2.6	NO	Ø	
1306	1603	49.470 01.328	1643	49.407 00.970		50	2.5	NO	10-15 COWNOSE RAYS	
1307	1651	49.713 01.127	1731	49.446 01.288		36	2.5	NO	Ø	
1308	1734	49.535 01.339	1814	49.557 00.978		51	2.6	NO	Ø	
1309	1817	49.627 01.019	1857	49.326 01.071		36	2.3	NO	Ø	
1310	1901	49.172 00.784	1941	49.792 01.547		50	2.9	NO	Ø	
1311	1945	49.715 01.519	2025	49.477 01.300		41	2.8	NO	Ø	
1312	2028	49.560 01.311	2108	49.232 00.660		42	2.6	NO	Ø	
1313	2121	49.434 00.704	2201	49.652 01.283		40	1.8	NO	RAY	
1314	2240	49.737 01.354	2250	49.365 00.904		35	2.0	NO	Ø	
1315	2255	49.369 01.016	2335	49.603 01.348		35	2.1	NO	Ø	

Date 5 / 17 / 2007 Dredge Site Corpus Christi, Tx Ship Channel Dredge Columbia

Trawler FN Two Dos Biologist(s) Travis Tobey Capt Kotrulsa

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.9 ○ C

Air Temp 24.6 ○ C Wind Spd / Dir NE @ 5-10 Wave Ht 2-4 Bottom Type Sand/Silt Station #'s 84+00 → 120+00

	Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
5/17	1316	2340	27° 49.335 97° 01.091	0020	27° 49.774 97° 01.370		36	2.1	NO	SHARK	
	1317	0024	49.752 01.299	0104	49.507 01.379		45	2.6	NO	Ø	
	1318	0108	49.407 01.207	0148	49.557 01.078		32	2.4	NO	SHARK 2 - STING RAYS	
	1319	0156	49.386 00.837	0236	49.369 00.913		36	2.8	NO	Ø	
	1320	0240	49.482 00.984	0320	49.416 00.745		35	2.5	NO	Ø	
	1321	0335	49.548 00.960	0415	49.605 01.099		32	2.6	NO	Ø	
	1322	0419	49.717 01.343	0459	49.356 00.943		40	2.7	NO	Ø	
	1323	0504	49.571 01.130	0544	49.340 00.866		39	2.6	NO	Ø	
	1324	0548	49.411 00.904	0628	49.623 01.182		40	2.5	NO	SHARKS DRUM	
	1325	0636	49.643 01.195	0716	49.136 00.982		43	2.6	NO	BLUE CRABS	
	1326	0720	49.117 00.465	0800	49.561 01.130		40	2.9	NO	Ø	

Date 5 / 17 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KOTRULSA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.9 ○ C

Air Temp 23.1 ○ C Wind Spd / Dir NE @ 10-15K Wave Ht 4-6' Bottom Type SAND / SILT Station #'s 84 two → 120 two

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1327	0804	27° 49.420 97° 00.965	0844	27° 49.667 97° 0.463		40	2.3	NO	Ø	
1328	0847	49.593 01.315	0927	49.840 01.730		42	2.4	NO	CUTLASS FISH	
1329	0933	49.710 01.624	1013	49.694 01.419		50'	2.5	NO	Ø	
1330	1019	49.828 01.718	1059	49.486 01.019		41	2.8	NO	BLUE CRABS	
1331	1102	49.533 01.160	1142	49.399 00.841		42	2.3	NO	Ø	
1332	1145	49.396 01.070	1225	49.455 01.034		42	2.2	NO	Ø	
1333	1228	49.422 00.937	1308	49.667 01.429		40	2.8	NO	BUTTERFISH	
1334	1312	49.634 01.276	1352	49.859 01.675		42	2.1	NO	Ø	
1335	1355	49.748 01.567	1435	49.721 01.597		41	2.8	NO	Ø	
1336	1439	49.806 01.753	1519	49.431 01.275		42	2.6	NO	Ø	
1337	1522	49.540 01.470	1602	49.337 00.773		50	2.8	NO	Ø	

Date 5 / 17 / 2007 Dredge Site CORPUS CHRISTI, TX SHIP CHANNEL Dredge COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) TRAVIS TOBEY Capt KORCULA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.9 ○ C

Air Temp 26.2 ○ C Wind Spd / Dir NE @ 10-15 K Wave Ht 2-4 Bottom Type SAND / SILT Station #'s 84 to → 120 too

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1338	1606	27° 49.335 97° 00.621	1646	27° 49.509 97° 00.953		44	1.9	NO	BONNET HEAD	
1339	1654	49.622 01.142	1734	49.593 01.591		46	2.8	NO	Ø	
1340	1737	49.662 01.500	1817	49.655 01.390		43	1.7	NO	Ø	
1341	1821	49.629 01.270	1901	49.792 01.555		40	2.4	YES	caretta caretta	
1342	1913	49.700 01.255	1953	49.580 01.149		36	2.5	NO	HAMMERHEAD	
1343	1959	49.390 01.006	2039	49.407 00.860		39	2.5			
1344										
1345										
1346										
1347										
1348										

Date 5 / 17-18 / 2007 Dredge Site ~~AGA~~ CORPUS CHRISTI SHIP CHANNEL Dredge MV COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) _____ Capt KORTULSA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26.9° C

Air Temp 26.2° C Wind Spd / Dir _____ Wave Ht _____ Bottom Type SAND/SILT Station #'s _____

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1344	2042	49.394 00.805	2122	49485 00887		37	2.7		shark stingray	
45	2130	49450 00777	2210	49621 01168		33	2.4			
46	2211	49531 01077	2151	49667 01232		37	2.6			
47	2256	49594 01056	2336	49761 01352		29	2.6			
48	2341	49696 01273	0021	49801 01600		33	27			
5/18 49	0025	49688 01441	0105	49847 01405		30	25			
50	0120	48605 01590	0200	48735 00864		44	26		Rels Turtle	
51	0420	49242 00837	0500	48548 01090		34	24			
52	0510	49423 00933	0550	48507 01384		46	26			
53	0555	49363 01162	0635	49584 01556		46	23			
54	0640	49502 01381	0720	48752 01838		61	30			

Date 5 / 18 / 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge M/V COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) _____ Capt KORTULJA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.7 / 26.4 o C

Air Temp 24 / 25.7 o C Wind Spd / Dir _____ Wave Ht _____ Bottom Type SAND/SILT Station #'s _____

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1349										
1350										
1351										
1352										
1353										
1354	0640							NO	SPOTTED EAGLE RAY	
1355	0729	49.492 01.517	0851	49.529 01.322		45	2.5			
1356	0838	49342 01684	0919	49577 01545		46	2.7			
1357	0922	49531 01442	1002	49645 01219		35	2.4			
1358	1006	49582 01080	1046	49702 01321		33	2.1			
1359	1050	49649 01221	1130	49677 01181		32				Picked up to get out of way of ship

Date 5 / 18 / 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge M/V COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) _____ Capt KORTULA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.7 / 26.6 ○ C

Air Temp 24 / 25.7 ○ C Wind Spd / Dir _____ Wave Ht _____ Bottom Type SAND/SILT Station #'s _____

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1360	1122	49543 01348	1202	49454 00538		36	2.4			
61	1207 #	49584 01072	1247	49655 01216		33	2.6			
62	1252	49756 01393	1332	49741 01323		34	2.7			
63	1336	49809 01522	1416	49540 01139		36	2.7			
64	1420	49642 01244	1500	49644 01180		34	2.8			
65	1504	49731 01334	1544	49842 01506		29	2.6		Shark Catfish	
66	1553	49504 01421	1633	49618 01455		48	28			
67	1640	49683 01190	1720	49748 01698		46	29			
68	1724	49.550 01.588	1804	49.567 01.604		41.5	3.1			
69	1814	49628 01192	1854	49760 01543		33	25			
70	1900	49800 01456	1940	49570 01496		45	27			

Date 5 / 18-19 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge M/V COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) _____ Capt KORTULA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26 ○ C

Air Temp 24 ○ C Wind Spd / Dir _____ Wave Ht _____ Bottom Type SAND/SILT Station #'s _____

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1371	1950	49663 01563	2030	49730 01486		30	25			
1372	2040	49788 01570	2120	49885 01650		28	27	YES (L.C.)	TORLO	
1373	2132	49850 01510	2212	49808 01494		27	28			
1374	2220	49780 01618	2300	49641 01066		30	27			
75	2305	49754 01239	2345	49272 00657		39	25			
76	2350	49292 00841	0030	49396 00923		41	2.6			
5/19 77	0034	49425 00939	0114	49399 00821		35	2.4			
78	0119	49448 00859	0159	49578 01066		38	2.9	turtle (L.K.)		
79	0212	49661 01169	0252	49525 00531		22	2.5			
80	0257	49659 01163	0337	49383 00786		37	2.7			
81	0342	49449 00843	0422	49525 01012		36	2.5		2 Stingray	

Date 5 / 19 / 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge M/V COLUMBIA

Trawler F/V TWO DIDDS Biologist(s) _____ Capt KORTULSA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26 ○ C

Air Temp 24 ○ C Wind Spd / Dir _____ Wave Ht _____ Bottom Type SAND/SILT Station #'s _____

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
82	0428	49390 00809	0508	49690 01315		34	2.6			turtle drop
83	0702	49368 00875	0742	49446 00935		36	2.4			
84	0746	49497 00942	0826	49845 01064		46	27			
85	0830	49276 01074	0910	49505 01376		47	26			
86	0915	49431 01211	0955	49706 01677		49	24			
87	1000	49579 01461	1040	49810 01833		50	26			
88	1045	49715 01691	1125	49561 01467		49	29			
89	1133	49672 01689	1213	49330 01233		40	30			
90	1220	49455 01398	1300	49137 00828		41	25			
91	1305	49270 00908	1345	49357 01232		41	26			
13 92	1350	49295 01072	1430	49508 01013		32	28			

Date 5 / 19 / 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge M/V Columbia

Trawler Two Dudos Biologist(s) _____ Capt KORTUNA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 26 ○ C

Air Temp 29 ○ C Wind Spd / Dir _____ Wave Ht _____ Bottom Type SAND/SILT Station #'s _____

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1393	1435	49315 00868	1515	49486 01381		46	26			
94	1522	49427 01156	1602	49246 01532		37	2.4			
95	1605	49675 01403	1645	48829 01450		30	2.6			
96	1649	49760 01398	1729	49818 01497		31	2.7			
97	1732	49731 01377	1812	49661 01302		33	2.6			
98	1816	49580 01149	1856	49728 01342		30	2.4			
99	1901	49632 01248	1941	49682 01319		33	2.6			
1400	1945	49611 01191	2025	49635 01369		34	2.7			
01	2031	49749 01520	2117	49422 00934		33	2.6			
02	2116	49535 01059	2156	49416 00822		36	2.1			
03	2200	49394 00837	2240	49510 01038		32	2.4			

Date 5 /19-20 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge MN COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) _____ Capt KORTULSA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.4 ○ C

Air Temp 24 ○ C Wind Spd / Dir _____ Wave Ht _____ Bottom Type SANDISILT Station #'s _____

	Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
14	04	2248	49495 00969	2328	49433 00912		33	2.4			
	05	2331	49319 00853	0011	49644 01573		46	25			
5/20	06	0020	49405 01202	0100	49253 01113		37	30			
	07	0110	49365 00795	0150	49483 00803		33	28			
	08	0205	49507 00925	0245	49232 00720		35	28			
	09	0255	49363 00703	0335	49509 01004		32	30			
	10	0345	48266 00887	0425	49708 01236		35	27			
	11	0430	49546 01092	0510	49777 01272		36	30			
	12	0515	49605 01060	0555	49942 01760		34	25			
	13	0600	49954 01571	0640	49437 01296		43	28			
	14	0645	49664 01679	0725	49684 01331		35	27		Stin. Rej Cob. tripod tel	

Date 5 / 20 /2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge M/V COLUMBIA

Trawler F/V TWO BROS Biologist(s) _____ Capt KORTESA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.4 ○ C

Air Temp 24 ○ C Wind Spd / Dir _____ Wave Ht _____ Bottom Type SAND/SILT Station #'s _____

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1415	0740	49794 01528	0820	49640 01528		46	2.7			
16	0824	49774 01545	0904	49538 00942		34	2.6			
17	0907	49601 01161	0947	49447 00680		37	2.4			
18	0951	49346 00757	1031	49276 00859		47	2.5			
19	1034	49368 00998	1114	49492 01330		48	2.9			
20	1118	49640 01277	1158	49525 01133		39	2.4			
21	1202	49621 01274	1242	49424 01217		48	2.6			
22	1246	49521 01377	1326	49049 00435		47	2.5			
23	1330	49341 00821	1410	49311 01115		45	2.4			
24	1417	49432 01184	1457	49281 00862		47	2.7			
25	1501	49376 01038	1541	~~49376 01038~~ 49786 [illegible]		48	2.6			

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Date 5/20-21/2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge M/V COLUMBIA

Trawler FIV TWO GIDDS Biologist(s) _____ Capt KORTULSA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 24.3 / 25 ○ C

Air Temp 24 / 25.3 ○ C Wind Spd / Dir _____ Wave Ht _____ Bottom Type SAND/SILT Station #'s _____

Tow # /	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1426	1545	49292 00978	1625	48288 00766		37	28			
27	1630	49285 00728	1710	49139 00434		39	25			
28	1725	48153 00431	1805	49095 00626		46	27			
29	1810	48975 00426	1850	49507 00466		46	25			
30	1857	49081 00560	1937	49157 00671		47	25			
31	1943	49200 00738	2023	48961 00218		43	25			
32	2040	49156 00576	2120	49408 01286		46	28			
33	2125	48220 01118	2205	49095 00618		46	30			
34	2210	49042 00460	2250	49143 00675		45	27			
35	2256	49084 00349	2336	48281 00683		41	28			
36	2345	49108 00282	0025	49380 01147		47	2.0			

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Date 5 / 21 / 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge M/V COLUMBIA

Trawler F/V TWO BIDDOS Biologist(s) _____ Capt KORTULSA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 24.3 25 ○ C

Air Temp 24 25.3 ○ C Wind Spd / Dir _____ Wave Ht _____ Bottom Type SANDSILT Station #'s _____

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1437	0630 ~~0629~~	49400 00922	0710	49019 00374		46	2.6		Stingrays Shark crab	torn bag
38	0130	49017 00370	0210	49079 00540		47	2.5			
39	0215	48969 00411	0255	49383 00904		37	2.4			
40	0259	49278 00791	0339	49511 00873		39	2.6			
41	0344	49385 00799	0424	49428 00875		38	2.3			
42	0429	49492 01085	0509	49309 00891		46	2.7			
43	0514	49418 01091	0554	49431 00759		36	2.6			
44	0602	48574 00794	0642	49356 01043		48	2.7			
45	0646	49414 00997	0726	49485 01016		37	2.8			
46	0731	49626 00965	0816	49559 00873		35	2.6			
47	0820	49222 01105	0900	49601 01270		43	2.6			

Date 5 / 21 / 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge M/V COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) _____ Capt KORTULSA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 24.3 25 ° C

Air Temp 24 25.3 ° C Wind Spd / Dir _____ Wave Ht _____ Bottom Type SAND/SILT Station #'s _____

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
48	0905	49656 01049	0945	49251 00634		47	3.0		Stir Ray	
49	0950	49380 00809	1030	49107 00201		41	2.4			
50	1035	49016 00308	1115	49375 00707		44	26		Crops shark	
51	1125	49253 00801	1205	49481 01324		57	27		catfish	
52	1215	49456 01198	1255	49404 01279		54	27			
53	1305	49445 01170	1345	49481 00951		49	21			
54	1352	49228 00890	1432	49654 01417		43	27			
55	1438	49717 01307	1518	49302 00712		42	30		Stir. Ray shark	
56	1550	49527 00820	1630	49512 00920		41	2.6		—	cek Inzia
57	1634	49402 00837	1714	49354 00752		39	2.4			
58	1720	49247 00651	1800	49430 00824		43	2.5			

Date 5 /21-22 2004 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge M/V COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) _____ Capt KORTUNA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 24.3 25 ○ C

Air Temp 24 25.3 ○ C Wind Spd / Dir _____ Wave Ht _____ Bottom Type SAND/SILT Station #'s _____

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1459	1803	49378 00687	1843	49361 00745		43	2.6			
60	1849	49249 00552	1929	49491 00959		41	2.3			
61	1933	49371 00838	2013	49504 00844		42	2.5			tree on Lady Line
62	2020	49458 00691	2100	49473 00990		39	2.2			
63	2104	49535 00949	2144	49492 00938		40	2.6			
64	2149	49404 00944	2229	49409 00972		41	2.4			
65	2234	49452 00866	2314	49009 00355		49	2.3			
66	2319	49154 00482	2359	49114 00544		46	2.6			
67	0002	49213 00748	0042	49321 00424		35	24			
68	0050	49060 00293	0130	48587 01076		36	27			
69	0135	48454 00816	0215	48513 01046		35	28			

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Date 5 / 22 / 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge MIV COLUMBIA

Trawler FIV TWO DIDDS Biologist(s) _____ Capt KORTUSA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25 ° C

Air Temp 25 ° C 25.7 Wind Spd / Dir _____ Wave Ht _____ Bottom Type SAND/SILT Station #'s _____

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
14 70	0220	49570 01149	0300	49110 00045		39	27		Shark 2 Reg	
71	0305	49241 00295	0345	49258 00757		43	29			
72	0350	49185 00534	0430	49454 00897		41	25			
73	0435	49451 00936	0515	49279 00517		39	24		Reg Drops Catfish	
74	0520	48314 00610	0600	49181 00442		43	28			
75	0605	49131 00188	0645	49569 01143		46	25			
76	0650	49486 01251	0730	49508 00828		39	28			
77	0740	49367 01090	0820	49492 00948		37	2.6			
78	0826	49357 00903	0906	49532 01320		48	2.7			
79	0914	49404 01201	0954	49166 00701		47	2.5			
80	0958	49304 00902	1038	49194 00694		46	2.3			

Date 5 / 22 / 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge MV COLUMBIA

Trawler FV TWO DIDDS Biologist(s) _____ Capt KORTULA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25 ○ C

Air Temp 25 ○ C Wind Spd / Dir _____ Wave Ht _____ Bottom Type SAND/SILT Station #'s _____

25.7

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1481	1042	49356 01007	1122	49102 00791		42	2.7			
82	1127	49246 00945	1207	49043 00482		47	2.3			
83	1211	48955 00277	1251	49374 01021		49	2.6			
84	1256	49229 00357	1336	49507 00802		37	2.5			
85	1341	49397 00729	1421	49652 01171		36	2.6			
86	1425	49543 01084	1505	49539 00901		33	2.4			
87	1509	49441 00803	1549	49584 00920		37	2.6			Flipped door
88	1555	49525 00752	1635	49546 00932		36	2.7			
89	1647	49558 00141	1727	49284 00576		37	28			
90	1735	49319 00778	1815	48547 01516		38	26			
91	1830	49602 01035	1910	49481 00883		33	30			

Date 5 /22-23 2007 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge M/V COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) _____ Capt KORTULA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.7 ○ C

Air Temp 25.3 ○ C Wind Spd / Dir _____ Wave Ht _____ Bottom Type SAND/SILT Station #'s _____
25.9

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
92	2240	49460 00866	2320	49706 01351		31	2.9			
93	2330	49685 01322	0010	49584 00985		37	2.6			
5/23 94	0014	49462 00782	0054	49410 00791		39	2.8			
95	0102	49269 00543	0142	49221 00530		43	2.6			
96	0148	49316 00607	0228	49156 00893		39	2.4			
97	0233	49310 00649	0313	49258 00441		38	2.6			
98	0318	49377 00626	0358	49322 00554		37	27			
99	0403	49442 00741	0453	49542 00963		32	2.4			
1500	0459	49501 00876	0539	49476 00824		34	2.6			
1	546	49329 00565	626	49371 00969		46	2.7			
2	0630	49238 00888	710	49533 01067		37	2.6			

Date 5 / 23 / 07 Dredge Site CORPUS CHRISTI SHIP CHANNEL Dredge M/V COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) _____ Capt KORTULA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.7 ○ C

Air Temp 25.3 ○ C Wind Spd / Dir _____ Wave Ht _____ Bottom Type SAND/SILT Station #'s _____

25.7

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1503	0714	49442 00923	0754	49560 01007		39	2.5			
04	0759	49389 00838	0835	49267 01084		40	26			
05	0845	49378 01266	0925	49186 00783		48	30			
06	0930	49341 01013	1010	49223 00554		40	25			
07	1015	49277 00682	1055	49247 00531		41	24			
08	1100	49477 00484	1140	49461 01486		45	29			
09	1225	49728 01474	1305	49356 00875		55	29			
10	1310	49446 01026	1350	49356 01123		55	30			
11	1400	49472 01230	1440	49180 00963		55	26			
12	1450	49273 01118	1530	49191 00659		45	26			
13	1535	49094 00446	1615	49173 00803		48	2.7			

Date 5 / 23 / 2007 Dredge Site ~~ARANSAS PASS~~ CORPUS CHRISTI SHIP CHANNEL Dredge MV COLUMBIA

Trawler F/V TWO DIDOS Biologist(s) _____ Capt KORTULA

Tide (Time, High Or Low): _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L _____ Hrs, H / L Water Temp 25.7 ○ C

Air Temp 25.3 ○ C 25.7 Wind Spd / Dir _____ Wave Ht _____ Bottom Type SAND/SILT Station #'s _____

Tow #	Start Time	Start Lat / Long dd mm.mm	Stop Time	Stop Lat / Long dd mm.mm	Tide: Ebb / Flood	Water Depth	Vessel Heading / Speed	Turtles ? Sturgeon ? Species ?	By - Catch	Comments (change in weather or water temp, net damage, etc.)
1514	1619	49125 00648	1659	49419 01121		52	2.4			
1515	1703	49307 00979	1723 ~~1743~~	49 314 00877		53	2.8			