

NOAA Fisheries Southeast Fisheries Science Center  
Shrimp Trawl Observer Program, April-June 2017 Sea Turtle Interactions

Interaction	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Gear Type	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	Otter Trawl	
Species	Kemp's Ridley	Kemp's Ridley	Kemp's Ridley	Kemp's Ridley	Kemp's Ridley	Kemp's Ridley	Kemp's Ridley	Kemp's Ridley	Kemp's Ridley	Loggerhead	Green	Kemp's Ridley	Unidentified Hardshell	Kemp's Ridley	Kemp's Ridley	Kemp's Ridley	Kemp's Ridley	Kemp's Ridley	Kemp's Ridley	
Method of Capture	TED Net	TED Net	Try Net	Try Net	Try Net	Try Net	Try Net	TED Net	TED Net	Try Net	TED Net	TED Net	TED Net	TED Net	TED Net	TED Net	TED Net	TED Net	TED Net	
Condition at Time of Capture	Comatose, Unresponsive	Fresh Dead	Alive, Responsive	Alive, Responsive	Alive, Responsive	Alive, Responsive	Comatose, Unresponsive	Alive, Responsive	Comatose, Unresponsive	Alive, Responsive	Fresh Dead, Comatose, Unresponsive	Alive, Responsive	Alive, Responsive	Fresh Dead	Comatose, Unresponsive	Comatose, Unresponsive	Alive, Responsive	Comatose, Unresponsive	Comatose, Unresponsive	
External Injuries	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	Previous flipper lesion
Month	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5
Day	15	19	20	22	26	27	27	28	28	2	2	3	7	12	13	16	16	16	27	13
Year	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Depth	62	80.1	58	72.2	63.8	54	48	62	50	45	59	64.7	8.6	49	42.9	56.6	56.6	56.6	48.7	33.6
State	LA	LA	LA	LA	LA	LA	LA	TX	LA	FL	TX	LA	LA	LA	LA	LA	LA	LA	LA	LA
Lat (deg)	28	28	28	28	28	28	29	29	29	26	29	28	29	29	29	29	29	29	29	28
Lat (min)	59	57	53	51	53	59	0	10	3	8	0	57	10	3	3	1	1	1	3	55
Long (deg)	89	92	90	90	90	89	89	93	89	82	94	90	91	91	91	91	91	91	91	90
Long (min)	32	12	23	18	24	31	30	47	34	6	6	11	3	55	50	54	54	54	53	55
Condition at Time of Release	Alive, Responsive*	Dead, Carcass Retained	Alive, Responsive	Alive, Responsive	Alive, Responsive	Alive, Responsive	Alive, Responsive*	Alive, Responsive	Alive, Responsive*	Alive, Responsive	Dead, Carcass Retained	Alive, Responsive	Alive, Responsive	Dead, Carcass Retained	Alive, Responsive*	Alive, Responsive*	Alive, Responsive	Alive, Responsive*	Alive, Responsive*	Alive, Responsive*
CCL (cm)	21.9	20.7		87.5	67.1	60.4	20.6		31.1	87.6	31.2	20.4		21	22.9	25.2	20.2	19.4	25	
CCW (cm)	21.8	21		63.4	68.9	60.1	21.7		30.6	81.3	29	21		21.3	23.5	25.8	20.5	19.7	24	
SCL (cm)	20.7	18.7		53.5	62.2	57.4	19.9		29.6	87.4	29.2	18.4		18.2	20.4	24.2	19.6	18.9	22	
SCW (cm)	18.9	16.6		54.4	62.1	54.4	18.3		28.3	64.3	25.2	16.6		17.2	19.4	22	17.3	17.6	20	
SCLn-n (cm)	20.5	18.6		52.2	59.2	57.2	19.6		29.2	85.1	28.5	18.2		17.9	20.1	24	19.5	18.7	21	

CCL - curved carapace length, CCW - curved carapace width; measured with a flexible measuring tape  
SCL - maximum straight carapace length, SCW - straight carapace width, SCLn-n - straight carapace length notch to notch; measured with callipers

Unknown - turtle was not brought on board, escaped gear, or was released before observer was able to assess condition or injury status

\* Observer assisted in resuscitation, potentially impacting release condition

Definitions of terms used in this table can be found in the SEFSC Sea Turtle Observer Manual:  
[http://www.sefsc.noaa.gov/turtles/TM\\_589\\_Beiskis\\_et.al\\_STLHF.pdf](http://www.sefsc.noaa.gov/turtles/TM_589_Beiskis_et.al_STLHF.pdf)

Interaction	Gear Type	Species	Method of Capture	Condition at Time of Capture	External Injuries	Month	Day	Year	Depth	State	Lat (deg)	Lat (min)	Long (deg )		Condition at Time of Release	CCL (cm)	CCW (cm)	SCL (cm)	SCW (cm)	SCLn-n (cm)
1	Otter Trawl	Kemp's Ridley	TED Net	Comatose, Unresponsive	None	4	15	17	62	LA	28	59	89	32	Alive, Responsive*	21.9	21.8	20.7	18.9	20.5
2	Otter Trawl	Kemp's Ridley	TED Net	Fresh Dead	None	4	19	17	80.1	LA	28	57	92	12	Dead, Carcass Retained	20.7	21	18.7	16.6	18.6
3	Otter Trawl	Kemp's Ridley	Try Net	Alive, Responsive	None	4	20	17	58	LA	28	53	90	23	Alive, Responsive					
4	Otter Trawl	Kemp's Ridley	Try Net	Alive, Responsive	None	4	22	17	72.2	LA	28	51	90	18	Alive, Responsive	87.5	63.4	53.5	54.4	52.2
5	Otter Trawl	Kemp's Ridley	Try Net	Alive, Responsive	None	4	26	17	63.8	LA	28	53	90	24	Alive, Responsive	67.1	68.9	62.2	62.1	59.2
6	Otter Trawl	Kemp's Ridley	Try Net	Alive, Responsive	None	4	27	17	54	LA	28	59	89	31	Alive, Responsive	60.4	60.1	57.4	54.4	57.2
7	Otter Trawl	Kemp's Ridley	Try Net	Comatose, Unresponsive	None	4	27	17	48	LA	29	0	89	30	Alive, Responsive*	20.6	21.7	19.9	18.3	19.6
8	Otter Trawl	Kemp's Ridley	TED Net	Alive, Responsive	None	4	28	17	62	TX	29	10	93	47	Alive, Responsive					
9	Otter Trawl	Kemp's Ridley	TED Net	Comatose, Unresponsive	None	4	28	17	50	LA	29	3	89	34	Alive, Responsive*	31.1	30.6	29.6	28.3	29.2
10	Otter Trawl	Loggerhead	Try Net	Alive, Responsive	None	5	2	17	45	FL	26	8	82	6	Alive, Responsive	87.6	81.3	87.4	64.3	85.1
11	Otter Trawl	Green	TED Net	Fresh Dead, Comatose, Unresponsive	None	5	2	17	59	TX	29	0	94	6	Dead, Carcass Retained	31.2	29	29.2	25.2	28.5
12	Otter Trawl	Kemp's Ridley	TED Net	Alive, Responsive	None	5	3	17	64.7	LA	28	57	90	11	Alive, Responsive	20.4	21	18.4	16.6	18.2
13	Otter Trawl	Unidentified Hardshell	TED Net	Alive, Responsive	None	5	7	17	8.6	LA	29	10	91	3	Alive, Responsive					
14	Otter Trawl	Kemp's Ridley	TED Net	Fresh Dead	None	5	12	17	49	LA	29	3	91	55	Dead, Carcass Retained	21	21.3	18.2	17.2	17.9
15	Otter Trawl	Kemp's Ridley	TED Net	Comatose, Unresponsive	None	5	13	17	42.9	LA	29	3	91	50	Alive, Responsive*	22.9	23.5	20.4	19.4	20.1
16	Otter Trawl	Kemp's Ridley	TED Net	Comatose, Unresponsive	None	5	16	17	56.6	LA	29	1	91	54	Alive, Responsive*	25.2	25.8	24.2	22	24
17	Otter Trawl	Kemp's Ridley	TED Net	Alive, Responsive	None	5	16	17	56.6	LA	29	1	91	54	Alive, Responsive	20.2	20.5	19.6	17.3	19.5
					Previous															
18	Otter Trawl	Kemp's Ridley	TED Net	Comatose, Unresponsive	flipper lesion	5	27	17	48.7	LA	29	3	91	53	Alive, Responsive*	19.4	19.7	18.9	17.6	18.7
19	Otter Trawl	Kemp's Ridley	TED Net	Comatose, Unresponsive	None	6	13	17	33.6	LA	28	55	90	55	Alive, Responsive*	25	24	22	20	21

\* Observer assisted in resuscitation, potentially impacting release condition