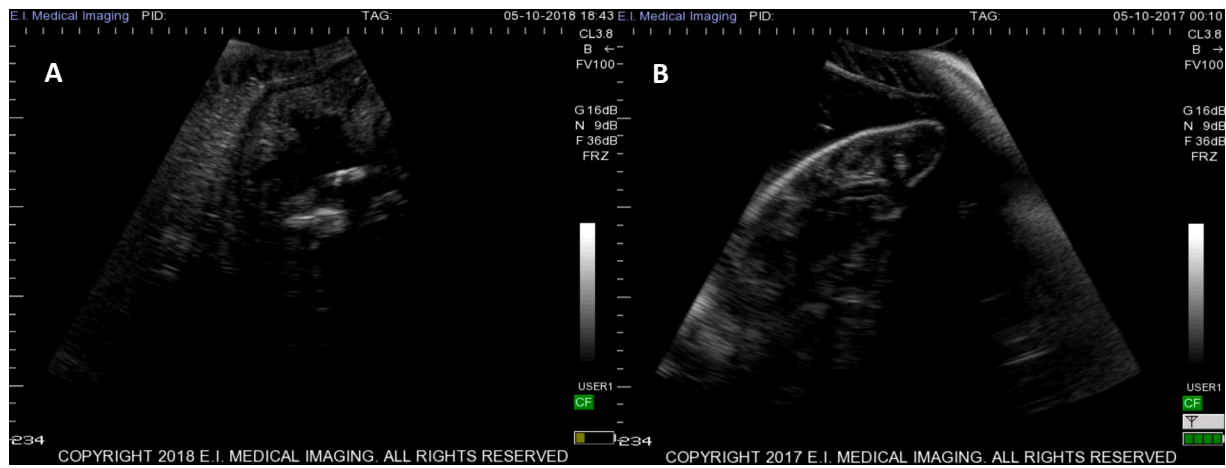


Supplemental Material:

Supplemental Table S1: Tag identification, fork length cm (FL), total length cm (TL), and ultrasonography results for tiger sharks *Galeocerdo cuvier* sampled near Bimini, The Bahamas.

Acoustic ID	PTT ID	Date Sampled	FL	TL	Reproductive Status
14751	NA	9-May-17	286	379	Gravid
16732	NA	10-May-17	272	353	Gravid
17556	174072	10-May-18	285	371	Recently postpartum
17559	174074	24-Jun-18	302	340	Gravid
12746	174073	26-Jun-18	285	334	Non-gravid
NA	NA	10-Nov-18	318	374	Gravid
NA	174071	16-Jan-19	303	356	Gravid
NA	NA	9-Feb-19	264	310	Gravid
10145	179470	9-Dec-19	267	319	Gravid



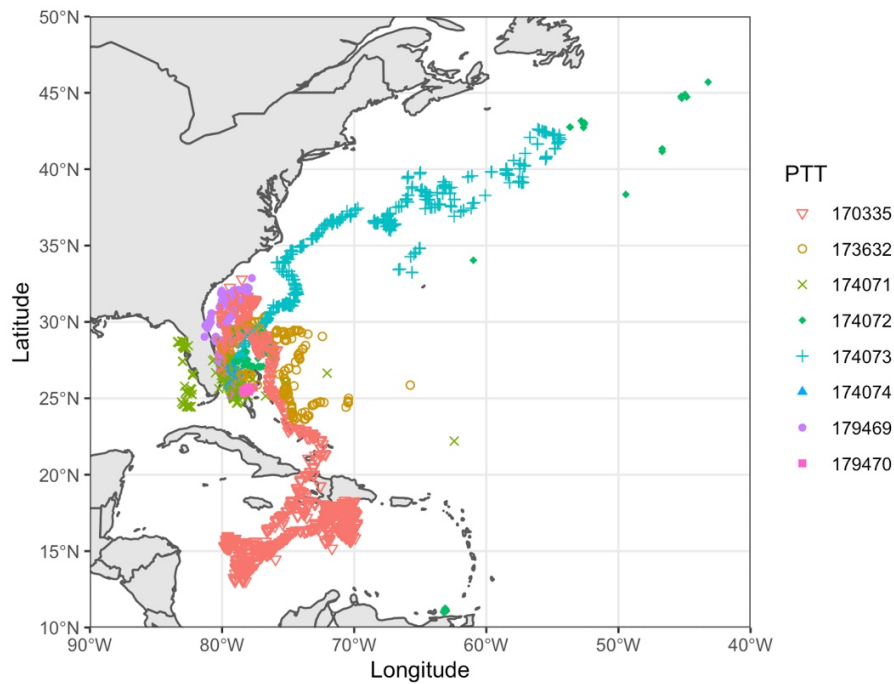
Supplemental Figure S1: Ultrasound images from tiger sharks *Galeocerdo cuvier* sampled near Bimini, The Bahamas. (A) Recently postpartum female with distention and folds in uterine wall, suggesting recent pregnancy and pupping. (B) A near-term pup with noticeable cranium and jaw structure.

Supplemental Table S2: Summary information of tiger sharks *Galeocerdo cuvier* tagged with acoustic transmitters near Bimini, The Bahamas.

Acoustic.ID	Sex	Fork Length (cm)	Class	Days at Liberty	Days Detected in Bimin	Days of Bimini Longevity	Bimini Residency	Days of Overall Longevity
18329	Female	67	Small Juvenile	1556	0	0	0.00	0
18945	Male	68	Small Juvenile	1555	1	3	0.00	3
17540	Female	71	Small Juvenile	1539	4	33	0.00	33
17544	Female	74	Small Juvenile	1524	7	14	0.00	14
18951	Male	79	Small Juvenile	1555	0	0	0.00	0
17543	Female	80	Small Juvenile	1525	1	1	0.00	1
18946	Female	81	Small Juvenile	1580	2	1	0.00	106
23164	Female	82	Small Juvenile	1910	1	0	0.00	0
22262	Female	87	Small Juvenile	1828	0	0	0.00	0
22261	Male	91	Small Juvenile	1828	0	0	0.00	0
22273	Female	91	Small Juvenile	1761	8	527	0.00	971
14765	Male	92	Small Juvenile	1129	0	0	0.00	0
22263	Male	94	Small Juvenile	1760	0	0	0.00	0
12751	Female	94	Small Juvenile	1029	0	0	0.00	0
12753	Female	95	Small Juvenile	1037	1	0	0.00	135
22260	Female	95	Small Juvenile	1837	1	0	0.00	0
14768	Male	96	Small Juvenile	1129	1	0	0.00	0
14764	Male	100	Small Juvenile	1037	1	0	0.00	9
14753	Female	102	Small Juvenile	1254	0	0	0.00	0
20183	Female	102	Small Juvenile	1716	5	45	0.00	45
22268	Female	102	Small Juvenile	1808	12	166	0.01	166
16953	Male	103	Small Juvenile	1410	1	4	0.00	4
23792	Female	103	Small Juvenile	2033	1	1	0.00	1
12757	Male	104	Small Juvenile	1029	2	193	0.00	193
14747	Female	105	Small Juvenile	1189	0	0	0.00	0
23798	Male	107	Small Juvenile	2026	1	0	0.00	0
16734	Male	107	Small Juvenile	1279	1	1	0.00	139
16739	Male	108	Small Juvenile	1327	2	0	0.00	0
16737	Female	109	Small Juvenile	1336	3	7	0.00	7
16957	Male	112	Small Juvenile	1335	1	70	0.00	70
14746	Female	117	Small Juvenile	1190	2	1	0.00	103
23793	Female	124	Small Juvenile	2009	1	0	0.00	0
12749	Male	197	Large Juvenile	949	1	0	0.00	0
12756	Female	212	Large Juvenile	949	8	714	0.01	714
16951	Male	217	Large Juvenile	1410	11	532	0.01	532
12745	Female	225	Large Juvenile	810	32	297	0.04	297
12758	Female	228	Large Juvenile	966	111	773	0.11	773
14757	Female	230	Large Juvenile	1128	2	642	0.00	642
18957	Female	233	Large Juvenile	1659	0	0	0.00	1074
17542	Male	234	Large Juvenile	1505	22	289	0.01	294
12755	Female	240	Large Juvenile	1033	3	2	0.00	564
10135	Female	246	Large Juvenile	1	1	0	1.00	0
17557	Female	246	Large Juvenile	827	1	0	0.00	14
16954	Male	261	Mature	1418	5	733	0.00	1059
12750	Female	264	Mature	965	0	0	0.00	37
14766	Female	265	Mature	1079	0	0	0.00	0
10145	Female	267	Mature	297	15	274	0.05	274
10139	Female	276	Mature	470	3	59	0.01	73
22276	Female	278	Mature	1755	12	70	0.01	70
17539	Female	282	Mature	1513	2	15	0.00	15
17559	Female	282	Mature	830	28	643	0.03	645
12746	Female	285	Mature	828	5	684	0.01	684
16961	Female	289	Mature	1400	17	818	0.01	818
19683	Female	290	Mature	1643	0	0	0.00	1283
23154	Female	291	Mature	1978	223	1773	0.11	1773
16732	Female	294	Mature	1241	3	159	0.00	159
19689	Female	302	Mature	1672	0	0	0.00	324
16959	Female	305	Mature	1399	3	421	0.00	421
19692	Female	310	Mature	1607	65	768	0.04	768
17556	Female	310	Mature	875	121	764	0.14	764
16736	Male	319	Mature	1333	62	1153	0.05	1153
22267	Female	322	Mature	1716	27	1137	0.02	1137
14751	Female	333	Mature	1241	4	745	0.00	745
16741	Female	333	Mature	1326	1	1065	0.00	1065

Supplemental Table S3: Recapture of tiger sharks *Galeocerdo cuvier* through the NOAA Cooperative Shark Tagging Program. Sharks originally tagged near Bimini, The Bahamas and recaptured outside of the study site.

Tag	Sex	FL at Release (cm)	Release Date	Recapture Date	Days at Liberty	Horizontal Displacement (km)
104804	Female	160	13-May-86	26-Aug-86	105	448
256840	Female	183	17-Nov-99	22-Mar-03	1221	59
256846	Female	143	27-Sep-00	5-Mar-02	524	539
268837	Female	201	28-Jun-02	2-Sep-03	431	1107
262996	Male	201	21-Aug-03	6-Aug-05	716	3532
288090	Female	144	30-Jan-04	19-Jun-04	141	1761
292965	Female	222	4-Nov-05	18-Sep-07	683	3234
310777	Female	134	26-Aug-06	1-Apr-09	949	1007
312191	Female	150	11-Nov-06	3-Apr-10	1239	952
310817	Female	185	13-Jun-07	20-Feb-11	1348	46
316461	Female	120	28-Sep-07	15-Oct-08	383	1341
323641	Female	195	16-Jun-08	19-Sep-08	95	39
339298	Male	202	31-Mar-10	16-Jul-13	1203	3130
354372	Female	220	25-Jan-13	24-Jun-17	1611	156
352935	Female	223	12-May-13	5-May-14	358	144
359498	Male	239	19-Feb-14	NA	NA	328
359468	Female	168	4-Jul-14	18-Feb-15	229	2921
363913	Female	141	31-Aug-14	16-Oct-16	777	1017
373598	Female	214	14-Oct-15	12-Jan-22	2282	139
373627	Female	91	8-Dec-15	26-Aug-17	627	150
373659	Female	113	21-Jan-16	15-Nov-16	299	785
377788	Male	261	13-Nov-16	11-Jun-21	1671	200
382523	Female	164	27-Jul-17	19-Oct-17	84	80
385113	Female	111	26-Feb-18	2-Oct-19	583	1174
398150	Female	223	30-Oct-20	13-Jun-21	226	157



Supplemental Figure S2: Raw data locations from Smart Position and Temperature (SPOT) satellite tags deployed on tiger sharks *Galeocerdo cuvier* near Bimini, The Bahamas.