

APPENDIX 1

Microsatellites (pink) and primers (yellow) for whale sharks sampled at Ningaloo Reef in April-May of 2006 and 2007.

Whale Shark A101

Primer Pair # 5 Product Length: 207 Topt: 56.6 ✓
 Forward: Tm: 56.0 5'-AAA-AAT-TGA-CGA-CTC-AAC-AGT-C-'3
 Reverse: Tm: 55.3 5'-AAA-TGA-TTA-CTG-GCC-TGT-AGA-G-'3
 AAAAAAGGTTNTTAAACCAAAGTTTTACAACCTGTCAGGAATATTTCAGATGACAAGTTTTCTTGNTTAGTTT
 AAAAAAAATTGACGACTCAACAGTCAAAGATATATGCAACTACACCCCGTCTCTCTCTCTCTCACACACA
 CACACACACACACACAAACACACA AAGGAAATATTGTATTTATAGGAGTAGCATGCTGTTTTTATCATTT
 AAGATTTCAAGAATACTTTTGTTCATGTGCCTTTCTTTGGGTTGAAGA CTCTACAGGCCAGTAATCATTT
 TCTTCTTGGTCTTCAATGGAAAGAGCCAGGAGTTTTAGGAACATGTATTTACTGTTTTATGTTTTGCTGCA
 AGAAATCTTTGAATGGTCCACACCAATTAAGGTGCAATAGAGAAGCCAAATGCAAAGTCCAGTACAG
 TTCCTCAGGTAGAGATCAAAGTCAACCTAAGTCCCTGCTACTGTTTTTCTCTATGGCAGGGTCTTT
 TGCTTACAGTTTACATGTTTTCTGATCTATATGCTCCAGTAATAACAATGATTAAATCTTCTGATGAGAA
 ANCTTGGTTTTGATCATGTGAN CAGANCATCTCTTTCCATTATCTTTCCTAAATAN

Sequence : Whale Shark A102

Primer Pair # 7 Product Length: 192 Topt: 56.4 ✓
 Forward: Tm: 55.6 5'-CCT-TTA-CCA-AGT-CCC-ACT-G-'3
 Reverse: Tm: 55.1 5'-GCC-GAA-TCT-ATT-AGC-GTT-C-'3
 CTCCCTAAGGAGTTGTAATTATTACTATCATGCAATAAATCTTATTATAATCTAAGAACAGTGTCTCTAA
 GTGGTATATATTTTACTACCAGACACTAGATAGGCCAAAGACAAAAGCAAGGATGAAGGCAGGTTAGTCGC
 AGCAAAACA CCTTTACCAAGTCCCCTGTACAAGGCAAAATACCAAAAAGATGTAAGCAATAGTCATCTGG
 GGAAGTACCACAAAACG CACACACACACACACACACACA CTTGTTGCAAGTTGTTTCAGGGCTGGGTGA
 CTACTGTAGCAATCTTCGATATTACATTTGTCACAAGTAAAAT GAACGCTAATAGATTCCGGCCAGTCCTA
 GTAGGGATTGCCGCTCCAAATTCACACAACCTACAGAATTTACAGAAAATAGTGAAGCTATAACAATGGGACG
 TGGTGAGAAAACAATTTCTTTTGAAT

Sequence : Whale Shark A104

Primer Pair # 6 Product Length: 310 Topt: 58.1 ✓
 Forward: Tm: 58.6 5'-CGG-AAG-GGT-TGA-TCT-AAA-GG-'3
 Reverse: Tm: 57.7 5'-TGA-TCT-GAT-CCC-AGT-TAC-ACT-G-'3
 CTGGGTTTTGATGCTTTTCTGTGACTTTTCTGTCATGCTGTGTCTTTTGCATGGGC CGGAAGGGTTGAT
 CTAAAGGGGATCTTTGACATGTGCGCGTGCA CACACACACACAATCACGTGCGCACACAGATACACAATAC
 CGCTCACAGACACACACACACA CGTGCACGATTGAGCAGACACACATACTCACACAGACACAAACACAC
 ACACACACACACACACAATCATGTGCGCACACA GATACACAATACCGCTCACAGACACACACATGTGC
 ACGATTGAACAGACACACATACTCACACACACA CCACACACACACACACACA CGTGCA CAGTG
 TAACTGGGATCAGATCAATCCATTTCTTTTGAAGGTGAAGGACAGTCCCTTTTACCTTACCTGCTCCTG
 TCCCCTGGGGGAAGAAGGACACAGTTGAAATTTTTGCCCCCTCGGAACCCCTCCTTGCCTCTGCTCGACA
 TTTTCTTTGAAACCAAAAAGGGAATATGAAATCTACTAAACATTAAGTTTGTCTGGAGAATGCGCATTGCT
 AGA

Sequence : Whale Shark A105

Primer Pair # 1 Product Length: 359 Topt: 56.6 ✓
 Forward: Tm: 53.0 5'-TGT-AGG-CTG-TAC-TGA-CAG-AAC-'3
 Reverse: Tm: 52.2 5'-CAC-AAT-GTG-GTA-ATG-AGT-TG-'3
 ANAATATNTTCTCTCCATACTTCTGTTTTGTTACTACTTGTPTTCCAGTNTTAGATTGTTTTTTCTTCAA
 TTGACCACA TGTAGGCTGTACTGCAGAACATACAGAATGGTTAACACACACATGTACAGACAGACAGAC
 AGA CACACACACACACACACA GACACACATACACACGCACATACACACACAAATATAAA G
 GCACACCGACACATGCACACACTTGGCACA AAA CACACACAGACATACACACA TAGACATACACACAC
 ACACACACACACACA CGCACATACAGACACATAATCATTTGACACACACACA GATGGAGACAGACACAC
 ACACAGACACA GGCAGACGCGCACGCATACACACATAGACACATACAGGCACACAGTCCAAAACAGAA CA
 ACTCATTACCACATTTGTGCCAAAACATAAAAATGGGCAAGCCAG

Sequence : Whale Shark A108

Primer Pair # 6 Product Length: 258 Topt: 57.8 ✓

Forward: Tm: 58.0 5'-CCG-AGC-CTG-AGT-TGA-CTG-'3

Reverse: Tm: 57.6 5'-GTA-ACC-CAA-TCT-TGT-GGT-CTT-C-'3

CTCTTGTGTTTTTTGGAGTCATTGAGGAGGCTGTGGTTCTGTTAGAAGGAAAACCTCCCCAAAAACTGA
ATCCTGTAACCATGGCAGATCCAGGCCATGTGGTGGTCAGAAAAGGAGAAGGGGTTT CAGAAGGAAGGGCAG
ACCTTATCACTCATCGTCTTTTACCCTTCTGACACCTGCTGCTTTGATCTGATATCGTTTACCTTTGGT
CGAGATCCC CCGAGCCTGAGTTGACTGGA CACACACACACACACACACACACAC CACACA GA CACA GACA
CAGACACAGATGCACAGACACAGACAGACACACACACACACGTGCCTCTTGCCCTGAGGCTGAGTTATTC
CTGTAGCAATAAGATGAGACCCTCATATGTCCCTTACCTCAGGAGCCTCCATTGGTGGATTGATAATGAA
TCTGCCCTCTCTGAACTTGATTCTGGTGGAGGCTG GAAGACCACAAGATTGGGTTAC TGCTCTCCAAGCTA
GCAGCAGCCAGAACGAATGGACGTCTTTTTGTGCACGGAGTTATTTCAATCTGGTTACACCCGAGTAAAA
GTAGAGATGGAAGCGGATTC AATTGTAATGTTGAAAGGGAATGAGATACATTGTTAAAGAAGGGGAAC
TTGCAGAAAAGANGGAAGGTACACTAATTGGATTGCTCCTTCAGTAGCAATGGGGTTCACAGGGACCTCT
GGTCTGTGCCGTTTTGGTTTTCTGGTGAATCTGGTTTTAATAAAACACACANGGGGTTTT

Sequence : Whale Shark A109

Primer Pair # 8 Product Length: 217 Topt: 56.7 ✓

Forward: Tm: 55.7 5'-CAT-TGC-ATT-ACA-AAG-GAT-GAC-'3

Reverse: Tm: 55.5 5'-TGA-AAA-GAT-GAC-ATT-GAC-AGA-G-'3

AAAACATAGTTTGTAGAATTACAAGTTAAAAATACCCACAGCACCTTGAAGTTCTGACCTTGNITGGGTCA
TGTACTTCACCGTCATGACAAAATGAAATAAGATTCAGTTTT CATTGCAATTACAAAAGGATGAC AAAATAATTA
AATATTATATAAAAAATGTATATTTGCATTTATAAAAAACAACACAAAACATGCCCGCGTGCACGC CACA CGCAC
GCGCGCG CACACACACACACA CGCAGACAAA CACACACACACACACACATACACACACACACACAC
ACACACACACACACA CGTACACACA CTCTGTCAATGTCATCTTTTCA GTTCTAACTGCATCTCTATCAGT
TTGTTTAGTTTTTTGGGGCGAAATATTTAATTGATCAATTGTTGATTTATATCCTTGAGAAGACTAGCTGG
AGCCTCACTTATTTACAACATATGGTTTTGGATGAGGAGAGTAAAGGTACTGTAG

Sequence : Whale Shark A110

Primer Pair # 6 Product Length: 271 Topt: 57.2 ✓

Forward: Tm: 55.4 5'-CGG-CAG-TGG-AGT-ATG-GTA-'3

Reverse: Tm: 56.3 5'-GCG-TGA-GTG-TAT-GTG-CTT-G-'3

CTCAGNTTTTCCCTTCTGATAAGATTGCTTGTCTAATCGGATCCGGGGTCTTCCCATTTCCANTCACGCG
CTGTGACAGGTCCAGTAACTGTGTGAACCGTGTCCGTTAAAACCGGTAAATATACCAGTAGTAACTTCCG
GCAGTGGAGTATGGTAAAACGTTTACAGAACCAGCAA CACACACACAGACACACATTTACACAAAATACAC
ACATACAGACACTATACACACTTACGCATGCACA CTTACTCATAGACACCCACACAATTACACCGAAAAC
CGCACA CCA CACACAAACTCACA GA CACACAAAGA CACA CGCACA CTTACACACATAGACACCACCACAC
AGACACAAAGGCGGATACATACACATACACTGAAACC CAAGCACATACACTCACGC ACATACACACA
CGCAGACACAAATCAGACTAATCTCGTTCAGACACATAGACTCACAAAACCGACTCCGAGACTATCTGTC
TCTGTATTGAAACAAACTCGCTCTGAGTGGGATTAGTTTTCTCATCGCCCTGCTCTCCACCAGCAGCCACAT
ATTGATCACTTTTTTCACTCTTTCAGCACTTGATAATGGGGAAATATTTGGTAACTGGTTTTCTCTTGGCC
GGTCATGCTCAGCGCAGATTGGGATCATTTTTCTCAATGGTCTTGCTTTTATTACTGGTTATATTATGATTC
ACATTTTTGGTTTTTA

Sequence : Whale Shark A111

Primer Pair # 8 Product Length: 287 Topt: 57.3 ✓

Forward: Tm: 56.1 5'-TGA-GGG-TAA-TCA-TCT-CGT-TG-'3

Reverse: Tm: 55.4 5'-GGT-GTG-AGG-TCT-TGC-TTA-GA-'3

AAAGGTTTTGGCAGTTGTTTTGAAGGCAAGAAATGGAGGCGTAGGGGAAGATCGTGG TGAGGGTAATCATCTC
GTTGACGATGTGTTGAAGGGTGCAGAAACATGGCATAGTTTTCTCTGCTCCGGGGAAGTACTGGATGATG
AAGGTACCTTATTTGTTGTATCTCATGTCTGTCTTCT CACA CTCTCTCAAACACAAA CACACACACACA
CACACACACACACACACA AATTGTTTTTCAATCCAAGATGTTTGTGTAGTTGCAGATACATTCTGTTTTGC
TCCAGAAAAAAAACCTGACCCAGTTTTAAAAATAGACAGAT TCTAAGCAAGACCTCACACC TAAAAATGCA
TTGTCTGACCTGAGAAATCACCTCTTGTATACATTGATAAAAACCTCTAATTTATCTCAGGATAATGACTTG
AGAGGAATCTGGATTTTGCATTTTAATCAGTAGTCTCTTCTAATGATTAAAGATTAAAAATCACAGGT
TATAGACACGAGATTATAGTTCAACAGGTTTATTTGAAGACACAAG

TATTTTGGGTTCGGTGGCTNCCTTTAAAAAGAAGGANGGTAACCTTGGCCTGGTGGANGGTTNAAGCCTTTGCA
 ATTGNCCTGCAGGGTCAACTCCTTAAAAANGGANTCCCCGGGGTTACCGAAGCTCGAAATTCCTACTGGC
 CCGGCC

Sequence : Whale Shark A120

Primer Pair # 1 Product Length: 279 Topt: 57.3 ✓
 Forward: Tm: 56.3 5'-CCA-GGC-TGC-CAA-AGT-TAT-'3
 Reverse: Tm: 55.8 5'-ACC-ACT-GGT-CCT-GTG-TAG-G-'3
 AAATATCAGAGGGAAAAGTAAAAATAGGAAGAACTGGGATTCCTAACAATAATTTCTTACTAATAATTTAG
 TAACTTGTGTGTTTATGTATCAAGGCAAAAAGCAGGCAAGTTAAAAACTCTTGCCCTCCAATTGCATCTTCT
 ACCTCATGTTTCTCAGTTTCTACAATAGTAATTCCTGAATTCCTGTATACTGTTGTACTTAGTATGTATTG
 TCATGATCATGTACTAAAATTTGATCCTAAACCTGAAATTTGCAAATTCACCAGGTGCCAAAACAATATC
 AAAGAATAATTTAGGCCATTAATAACAGTAACAATGATAGTCTCATTCCATTTCACTTCATTAAAACTT
 CTAAATATGGAGTAACTACCTTGTGAACCTGATTCCAGGCTGCCAAAAGTTATGTTAAGATCTAACTAAG
 ACTAATCATTACTTAAAGTGAGAAAATCCAGAACTTTATTTAAGAGAATAAAAGCTGTGAGATTAAGATTTTG
 AACAAAACAATAAATTTCACTTAACTAAAAGCAGTAAAATAGTCTCATACACACACACACACACACACAC
 AC
 ATTCCTTAGCCTCACCTACACAGGACCAGTGGTTTCAGTTATCTTTCTCAGCAGCCACTTTATCCTGGCG
 TGGGAGTTTATTCCTCTACTCCTCACCCCGTACTATCAGAATTCAAAAGTTAACTAANTTAG

Sequence : Whale Shark A121

Primer Pair # 8 Product Length: 185 Topt: 57.3 ✓
 Forward: Tm: 58.6 5'-CAA-TTT-ACC-TGA-CGT-TCA-GAC-C-'3
 Reverse: Tm: 58.7 5'-GCC-TAT-ACG-TGA-CTC-CAG-ACC-'3
 AAAGGGTACACACTGGTGCCCAATTTACCTGACGTTTCAGACCAGNGNTTGATAGAAAAGTCCCTTCTTCT
 TTANTAAC
 CACACCGGCCCCAGAGGGCAGTTAAGTGTCAATCACATTGCTGTGGTCTGGAGTCACGTATAGGCAGAGA
 CCAGGTAAGGATGGCGGTTTTCTTTCTTAAAGGGTATTAATAAAACCACACAAGTTTTTCAACAATCAACA
 ATGATTCATAGTCATTATCAGACTCCTAATTCAGATGTTTATTGAATACAAATTCACAATCTCCATA
 GCAGGGTTCAAACCAGGGTCCCATCAGAACATTACCAGGGTCTCTGGATTACTAGTCTAGCAATAATAC
 CACTAGGCCATCACCTCCAATATATGGATGAACTCCAG

Sequence : Whale Shark A122

Primer Pair # 1 Product Length: 280 Topt: 58.5 ✓
 Forward: Tm: 59.6 5'-CAC-CCT-GTC-TCC-TGC-CAT-A-'3
 Reverse: Tm: 59.5 5'-GCC-ATC-ACT-GCT-CTC-TTG-G-'3
 AAATGACAAAACAAAAGTAAGTCCAGCACCGATCCCTGNTGGATCACTGCTAATCACAGGCCTTCCNAGNT
 TGAGAACAATCCTCCATGACCACCTGTCTCTCTGCCATAAAGCAAAAATAACACACACACACACACACAC
 CAC
 GGTTACGGTGAGAAAGCAAGAGAATTGTTTTGAGAAACATGTCAAGCATAATCGAACAGCAGAGCAGACT
 TGATGGGCCAAAATGGATAACTCTGCTCCAACCTTCTCATGCTGTCTGGTCTGAAGGTATCAGGATTATTTT
 CCAAGAGAGCAGTGATGGCTGAGATTATAAATACTGAACTGAACAGAGTCGATCGGAATGTGGAGTAG
 GTTTGAGGGAATGAATGGCTACATCTGCTCCTATTGTTGTGCTCCTTAAAGAGGAGGTAACCTTGCTGT
 GAGGTTAACACACTTCAANGGAGTTCTCTCAATAAACNTTGGAGAATAAGAAATGGTTTTCTTCCCCCTTT
 AAAAAATGGNGCCGGCGGTATGGTCCCCATNCCCAGGGACC

Sequence : Whale Shark A123

Primer Pair # 8 Product Length: 224 Topt: 58.0 ✓
 Forward: Tm: 59.3 5'-CTT-CCG-TTT-TGC-ATT-CAG-TG-'3
 Reverse: Tm: 59.3 5'-AGG-TGC-TTC-AAG-GGC-ATA-AG-'3
 CTGCTCACACTGNITTTGTTCTCCTTTCTCTGNTTTCTTTCTTCCGTTTTGCATTCAGTGGCCTGNITAC
 GAGAAC
 CATACCTACCTACCTACCGCTTTTTTGGGCAAACTCGTTTTCTTTACTTTTGCCATTTCCGAGCTCCTTTG
 CCTTTGCATCATGAAACCCTCTGTTGTTTTCATCTCTTATGCCCCTTGAAGCACCTTCAACAGACCTTTCCC
 TCTTGATCTGTGACCGTCACTCCCACCCGTTCACTCACTCAAAAATCTATTACATCTCTGCTTTTTCTG
 AGTTCGTGATGAAGAACCATTACCCAACCTGCAATGCTCCTCTTATTATCTCTCCCAGATGCTGCTGAG
 TAATCCGAGCATATTTCTGCTTTTATTTTCAGATTTCCGGCACCTGCGGTGTTTTGCTTCTGGTTTTCTGATC
 CTAATTGCAATCAATATCACTATCATTGAGACCCGAAGATGAGGAGACATCCATTACTTTTATGAATCCA
 GGAAGATTGACCAATGGTCTTTCATTTTGAAGTGGCTCTTGTGAGCGTCTTCTGGTTAAAGTCAGAGCA
 GTTAAAGTCAAGCCTACAGCACTAAACATACCAACCGGTAATAANCAATGGG

Sequence : Whale Shark E125

Primer Pair # 3 Product Length: 133 Topt: 56.7 ✓

Forward: Tm: 59.8 5'-GGA-CTG-TTC-CTG-TGC-TGT-ACT-G-'3

Reverse: Tm: 59.7 5'-CCA-CTC-TTT-CCC-CAT-TAC-ATT-C-'3

ACGCCTCGGGTCAGTGACCTCCCTCAGAATGGAAGCAGATGGGATTAGTTTAGAAAATGGGTTATAAAATTA
GCACAGACATGTGGGCCGACA **GGACTGTTCTGTGCTGTACTG**TTCTGTGTTCTATGAAGCA **GAGAGAGA**
GATTGGGACA **GAGAGAGAGAGAGA**GGCA **GAGAGA**AA **GAGAGAGAGAGA**GTGTGAGTCAAAGA **GAATGTAA**
TGGGAAAGAGTGGGAGAGACAGGGAAAGTGAAGCCGACGTTGGGAAGCAGAGAAAACAGAAACACAGAGA
GAGAGAGAGAGATGCACAAAAAGAAAGAGAGAGACAGAGAGAACTATGTGCCAGACGGAGACAGTGAGC
GTGAGCCAGAGAGACTCTGGGTCTGACAGTGTGAGAAAGATGAGAGAGACAGGAAAAGATTTGTATGCAGGG
AGGGGTGACAATTGAGAGTTGGAGTGAATGAGCAGTTTTAATCGAAGATCCGGAAGAGAACAGAGTGCTG
GTGTCCAGTTACACATCCAGGCGTAATACATTTGTTCTGATGTTTGCAGAG

Sequence : Whale Shark E128

Primer Pair # 3 Product Length: 153 Topt: 56.4 ✓

Forward: Tm: 57.3 5'-GGT-CTG-TTT-CCT-TGC-TGT-ATG-'3

Reverse: Tm: 57.9 5'-TCT-GTT-TGT-CTC-TCC-ATC-TGT-G-'3

AGACATCTGCATGGGTACATGAATAGGAAGGGTTTATAGGGATATGGGCCAAATGCTGGGGCCAAATGAGA
CTAGATTAATTTAGGATATCTGGTCAGCATGGATGAGTTAGACCAGAG **GGTCTGTTTCTTGCTGTATGA**
CTCCATGACTCTAGAACCTCTCCCTTTCTCCTCTTTAAAAACACTTGTGAAAACGCTCCGAACTTCACTT
TGAGAGAGACA **GAGAGA**CA **GAGA**GT **GAGAGA**CAGAAAGA **CACAGATGGAGAGACAAACAGA**GAGAGGCAG
AGACAGAAAAGAGACAGAGAGAGAGAGAGACAGAGAGGGAGACAGAGAAAAGACAGAGAGACAGAAAAGATAG
AGAGACAGATGGAGAGAGAAAAACAGAGAAAAGGTAGAGAGCAAGAGACAAGGAGGAGAGTGGGAGAGAGA
GGGAGAGAAAAGAGAAGGAGAGAGAAANCAGAGAAAAGAGACNGAGAGAGAGATNGAGAGATAGATAGAGAGA
GGGAGAGAGAGACAGGGNCCCAGAGAGTGANACAGAGAGACACNGNCCCAGAGAGTGAGATCGNCCGA
NNGACGAGAANCTTTGNNTTGCCCTGCAGGGTGCAGT

APPENDIX 2

Summary of satellite tag deployments at Ningaloo Reef, WA from 2004-2007.

PTT#	Tag Type	Deployment Latitude (East)	Deployment Longitude (South)	Deployment Date	Deployment Time	Shark Sex	Shark Length (m)
-	PSAT	22°38.2'	113°36.7'	03/05/2004	10:42	Male	4.5
-	PSAT	22°40.1'	113°37.3'	03/05/2004	12:50	Female	8.5
-	PSAT	22°38.2'	113°36.7'	03/05/2004	13:30	Female	7.5
-	PSAT	22°38.2'	113°38.7'	04/05/2004	10:20	Female	4.7
-	PSAT	22°30.0'	113°40.3'	04/05/2004	10:47	Female	4.5
-	PSAT	22°30.0'	113°40.3'	04/05/2004	10:58	Female	11
-	PSAT	22°37.6'	113°36.3'	04/05/2004	12:30	Female	7.3
-	PSAT	22°37.5'	113°41.8'	05/05/2004	11:09	Unknown	4.7
-	PSAT	22°38.7'	113°38.5'	05/05/2004	13:52	Female	7.6
-	PSAT	22°31.8'	113°38.9'	07/05/2004	13:29	Female	5.6
-	PSAT	22°41.7'	113°38.2'	07/05/2004	14:50	Female	7.6
-	PSAT	22°29.7'	113°39.5'	08/05/2004	12:47	Female	6.2
-	PSAT	22°25.9'	113°47.7'	08/05/2004	13:15	Male	7
-	PSAT	22°24.7'	113°43.1'	08/05/2004	13:35	Female	7
-	PSAT	22°40.5'	113°37.6'	09/05/2004	10:45	Female	5.3
4220	PSAT	22°39.432'	113°34.206'	28/04/2005	10:55	Female	4-5
57012	PSAT	22°39.176'	113°34.437'	28/04/2005	12:25	Female	4-5
11616	PSAT	22°39.766'	113°35.593'	05/05/2005	11:05	Male	4-4.5
57014	PSAT	22°39.044'	113°35.90'	05/05/2005	10:30	Male	4-4.5
57210	SPLASH	22°39.044'	113°35.90'	05/05/2005	10:45	Male	4-4.5
57013	PSAT	22°44.559'	113°34.20'	05/05/2005	12:10	Unknown	7-8
57214	SPLASH	22°44.559'	113°34.20'	05/05/2005	12:10	Unknown	7-8
57015	PSAT	22°44.439'	113°36.740'	05/05/2005	13:55	Male	~8
57016	PSAT	22°43.165'	113°36.730'	06/05/2005	12:25	Female	4-4.5
57209	SPLASH	22°43.165'	113°36.730'	06/05/2005	12:25	Female	4-4.5
11617	PSAT	22°42.175'	113°34.617'	07/05/2005	10:35	Female	6-7
11618	PSAT	22°41.764'	113°35.032'	07/05/2005	10:45	Unknown	5-6
57211	SPLASH	22°42.015'	113°35.578'	01/05/2005	13:45	Unknown	3-4
57212	SPLASH	22°42.569'	113°37.182'	05/05/2005	13:45	Unknown	4-5
57213	SPLASH	22°35.667'	113°37.449'	06/05/2005	10:45	Female	~4
11619	PSAT	22°38.133'	113°35.370'	28/04/2006	11:25	Male	6-7
9156	PSAT	22°37.810'	113°35.595'	28/04/2006	11:56	Unknown	3-5
65811	SPLASH	22°38.295'	113°36.243'	29/04/2006	10:45	Female	4.5
9157	PSAT	22°44.193'	113°38.013'	29/04/2006	12:32	Female	3-4
65813	SPLASH	22°42.831'	113°38.382'	29/04/2006	12:47	Unknown	4
66000	PSAT	22°35.375'	113°35.822'	02/05/2006	14:15	Male	5-6
65810	SPLASH	22°35.213'	113°35.465'	02/05/2006	14:55	Unknown	7
66001	PSAT	22°35.430'	113°35.322'	02/05/2006	15:05	Unknown	4

PTT#	Tag Type	Deployment Latitude (East)	Deployment Longitude (South)	Deployment Date	Deployment Time	Shark Sex	Shark Length (m)
65809	SPLASH	22° 36.558'	113° 37.267'	03/05/2006	10:50	Female	5-6
65812	SPLASH	22° 36.160'	113° 37.357'	03/05/2006	11:13	Unknown	5-6
65816	SPOT	22° 40.816'	113° 37.402'	03/05/2006	13:25	Unknown	5-6
-	SPOT	22° 41.387'	113° 37.766'	03/05/2006	13:55	Male	6.5
65818	SPOT	22° 37.346'	113° 37.002'	04/05/2006	10:35	Male	5.5
65813	SPLASH	22° 49.622'	113° 40.806'	02/05/2007	15:50	Unknown	3.5
75378	SPLASH	22° 44.403'	113° 36.650'	29/05/2007	12:29	Unknown	5
65817	SPOT	22° 44.987'	113° 36.972'	29/05/2007	13:00	Unknown	6.5
75376	SPLASH	22° 49.351'	113° 40.372'	30/05/2007	13:00	Male	4.5
75377	SPLASH	22° 49.234'	113° 40.680'	30/05/2007	15:15	Unknown	3
75379	SPOT	22° 47.005'	113° 40.545'	31/05/2007	10:30	Unknown	4

APPENDIX 3

List of publications that are included in this report and/or supplied as supplementary information on CD.

1. Castro ALF, Stewart BS, Wilson SG, Hueter RE, Meekan MG, Motta PJ, Bowen BW, Karl SA (2007) Population genetic structure of Earth's largest fish, the whale shark (*Rhincodon typus*). *Molecular Ecology* 16: 5183-5192.
2. Bradshaw CJA, Mollet HF, Meekan MG (2007) Inferring population trends for the world's largest fish from mark-recapture estimates of survival. *Journal of Animal Ecology* 76: 480-489.
3. Fitzpatrick B, Meekan M, Richards A (2006) Shark attacks on a whale shark (*Rhincodon typus*) at Ningaloo Reef, western Australia. *Bulletin of Marine Science* 78: 397-402.
4. Meekan MG, Bradshaw CJA, Press M, McLean C, Richards A, Quasnichka S, Taylor JG (2006) Population size and structure of whale sharks (*Rhincodon typus*) at Ningaloo Reef, Western Australia. *Marine Ecology Progress Series* 319: 275-285.
5. Rowat D, Meekan M, Engelhardt U, Pardigon B, Vely M (2007) Aggregations of juvenile whale sharks (*Rhincodon typus*) in the Gulf of Tadjoura, Djibouti. *Environmental Biology of Fishes* 80:465-472.
6. Sleeman JC, Meekan MG, Wilson SG, Jenner CKS, Jenner MN, Boggs GS, Steinberg CC, Bradshaw CJA (2007) Biophysical correlates of relative abundances of marine megafauna at Ningaloo Reef, Western Australia. *Marine and Freshwater Research* 58: 608-623.
7. Speed CW, Meekan M, Bradshaw CJA (2007) Spot the match - wildlife photo-identification using information theory. *Frontiers in Zoology* 4:2.
8. Speed CW, Meekan MG, Rowat D, Pierce S, Marshall AD, Bradshaw CJA (2008) Scarring patterns and relative mortality rates of Indian Ocean whale sharks. *Journal of Fish Biology* DOI: 10.1111/j.1095-8649.2008.01810.x
9. Speed CW, Meekan MG, Russell BC, Bradshaw CJA (2008) Recent whale shark (*Rhincodon typus*) beach strandings in Australia. *Journal of the Marine Biological Association of the UK*. Biodiversity Records. Published online.
10. Wilson SG, Polovina JJ, Stewart BS, Meekan MG (2006) Movements of whale sharks (*Rhincodon typus*) tagged at Ningaloo Reef, Western Australia. *Marine Biology* 148: 1157-1166.
11. Wilson SG, Stewart BS, Polovina JJ, Meekan MG, Stevens JD, Galuardi B (2007) Accuracy and precision of archival tag data: a multiple-tagging study conducted on a whale shark (*Rhincodon typus*) in the Indian Ocean. *Fisheries Oceanography* 16:547-554.