

Supplementary material

Appendix 1

Year	band #	PTT #	Date fitted	Attachment method	Mass (g)	Mass gain after bath (g)	wing (mm)	date first landed on water	time elapsed (d)	distance from colony (km)	last location	duration transmission (h)
2017	FX20999	166566	06/04/2017 16:00	Tape	380		277	08/04/2017 22:35	2.27	117	09/05/2017 12:12	733.62
2017	FX25035	166567	07/04/2017 09:30	Harness	440		292					
2017	FX25036	166568	06/04/2017 17:00	Tape	510		274	18/04/2017 02:18	11.39	80	22/05/2017 16:00	829.70
2017	FX25042	166569	06/04/2017 17:15	Tape	420		287	09/04/2017 03:52	2.44	124	13/06/2017 10:32	1566.67
2017	FX25017	166570	06/04/2017 17:30	Tape	510		271	15/04/2017 11:46	8.76	38	16/04/2017 16:43	28.95
2017	FX25115	166571	07/04/2017 07:30	Tape	570		274	20/04/2017 10:48	13.14	68	20/04/2017 16:48	6.00
2017	FX25116	166572	07/04/2017 08:00	Harness	400		294	09/04/2017 04:47	1.87	77	15/09/2017 14:53	3826.10
2017	FX25040	166573	07/04/2017 08:25	Tape	440		284	10/04/2017 06:05	2.90	59	11/04/2017 18:14	36.15
2017	FX25016	162074	07/04/2017 09:15	Tape	600		272	20/04/2017 10:48	13.06	46	20/04/2017 12:27	1.65
2018	FX24858	162072	04/04/2018 12:00	Harness	398.2	1	279	09/04/2018 11:39	4.99	334	24/09/2018 06:22	4026.72
2018	FX24813	162073	04/04/2018 12:30	Harness	474.6	0.9	285	11/04/2018 22:30	7.42	123	31/10/2018 12:00	4861.50
2018	FX24865		04/04/2018 12:40		496.8	6.1	295					
2018	FX24816	162071	04/04/2018 13:30	Harness	446.6	2.2	296	09/04/2018 12:56	4.98	50	12/04/2018 04:37	63.68
2018	FX24819	162070	04/04/2018 14:00	Harness	423.2	1.6	291	10/04/2018 14:39	6.03	60	11/07/2018 14:45	2208.10
2018	FX24867		04/04/2018 14:30		383.2	26.7	282					
2018	FX24818	166562	04/04/2018 15:00	Harness	419.8	5.5	285	07/04/2018 01:31	2.44	59	07/04/2018 01:31	0.00
2018	FX24872	166565	04/04/2018 15:30	Harness	450.4	1.8	297	10/04/2018 13:07	5.90	108	31/10/2018 12:00	4894.88
2018	FX24821	166564	04/04/2018 16:00	Harness	430.3	0.1	292	13/04/2018 00:00	8.33	118	19/05/2018 06:15	870.25
2018	FX24810	166563	04/04/2018 16:30	Harness	447.5	0.7	285	08/04/2018 05:50	3.56	117	31/10/2018 12:00	4950.17
2018	FX24851		05/04/2018 08:30		498.4	20	294					
2018	FX24878	166561	05/04/2018 09:00	Harness	425.9	1.3	295	12/04/2018 00:05	6.63	89	31/10/2018 12:00	4859.92

Table A1 – Details of equipment with PTTs of juvenile Barau’s petrels caught in their burrow before fledging, with information on the duration of transmissions.