

Using drifting passive echolocation loggers to study harbour porpoises in tidal-stream habitats

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Supplement. Drifting Porpoise Detector data

Table S1. Summary of Drifting Porpoise Detector (DPD) data. Travel directions: N: north, S: south, E: east, W: west. Dates are given as dd/mm/yyyy. PPM: Porpoise Positive Minutes

Date	Deployment code	Duration (min)	Distance travelled (m)	Travel direction	Tidal phase	Avg. (max) speed (m s ⁻¹)	No. of PPM	No. of encounters	Encounter duration (min)	Avg. detection rate (PPM km ⁻¹)	Avg. detection rate (Encounters km ⁻¹)
18/05/2010	0670_100518_D1	22	1810	N to S	Falling	1.4 (2.3)	0	0	–	–	–
18/05/2010	0670_100518_D2	23	2232	N to S	Falling	1.6 (2.8)	2	1	2	0.90	0.45
18/05/2010	0670_100518_D3	27	2772	N to S	Falling	1.7 (3.2)	0	0	–	–	–
18/05/2010	0670_100518_D4	37	3162	N to S	Falling	1.4 (3.1)	0	0	–	–	–
18/05/2010	0670_100518_D5	42	3129	N to S	Falling	1.2 (2.5)	0	0	–	–	–
18/05/2010	0670_100518_D6	39	2188	N to S	Falling	0.9 (1.5)	0	0	–	–	–
18/05/2010	0671_100518_D1	10	669	N to S	Falling	1.1 (1.3)	0	0	–	–	–
18/05/2010	0671_100518_D2	24	1971	N to S	Falling	1.4 (2.1)	0	0	–	–	–
18/05/2010	0671_100518_D3	27	1236	N to S	Falling	0.8 (2.4)	0	0	–	–	–
18/05/2010	0671_100518_D4	33	2893	N to S	Falling	1.5 (2.8)	1	1	1	0.35	0.35
18/05/2010	0671_100518_D5	7	97	N to S	Falling	0.2 (0.4)	0	0	–	–	–
18/05/2010	0671_100518_D6	29	1715	N to S	Falling	1.0 (2.0)	0	0	–	–	–
18/05/2010	0671_100518_D7	48	2611	N to S	Falling	0.9 (2.6)	1	1	1	0.38	0.38
18/05/2010	0671_100518_D8	41	1951	N to S	Falling	0.8 (1.5)	0	0	–	–	–

20/05/2010	0670_100520_D1	54	1672	S to N to	Rising*	0.5 (0.9)	0	0	-	-	-	-	-
20/05/2010	0670_100520_D2	51	2097	N to S	Falling	0.7 (1.9)	0	0	-	-	-	-	-
20/05/2010	0670_100520_D3	51	4196	N to S	Falling	1.4 (2.5)	0	0	-	-	-	-	-
20/05/2010	0670_100520_D4	40	3611	N to S	Falling	1.5 (2.3)	0	0	-	-	-	-	-
20/05/2010	0670_100520_D5	66	2877	N to S	Falling	0.7 (1.1)	0	0	-	-	-	-	-
20/05/2010	0671_100520_D1	114	3620	S to N to	Rising*	0.5 (1.9)	0	0	-	-	-	-	-
20/05/2010	0671_100520_D2	82	3755	N to S	Falling	0.8 (1.9)	0	0	-	-	-	-	-
20/05/2010	0671_100520_D3	46	3586	N to S	Falling	1.3 (2.2)	0	0	-	-	-	-	-
20/05/2010	0671_100520_D4	88	3320	N to S	Falling	0.6 (1.2)	0	0	-	-	-	-	-
02/08/2011	1652_110802_D1	77	2930	N to S	Falling	0.6 (2.0)	7	2	4,9	2.39	0.68	0.33	0.68
02/08/2011	1652_110802_D2	62	6098	N to S	Falling	0.8 (3.5)	2	2	1	0.33	0.33	0.33	0.33
02/08/2011	1652_110802_D3	47	6420	N to S	Falling	1.3 (3.5)	5	1	9	0.78	0.16	0.16	0.16
02/08/2011	1652_110802_D4	77	4784	N to S	Falling	0.5 (1.8)	10	2	2, 16	2.09	0.42	0.42	0.42
02/08/2011	1652_110802_D5	56	1131	W to E	Falling	0.1 (0.2)	0	0	-	-	-	-	-
02/08/2011	1652_110802_D6	88	6927	S to N	Rising	1.1 (3.4)	0	0	-	-	-	-	-
02/08/2011	1663_110802_D1	60	1075	N to S	Falling	0.3 (0.7)	4	2	1, 13	3.72	1.86	1.86	1.86
02/08/2011	1663_110802_D2	60	2136	N to S	Falling	0.6 (3.4)	17	2	3, 24	7.96	0.94	0.94	0.94
02/08/2011	1663_110802_D3	50	3959	N to S	Falling	1.3 (3.5)	1	1	1	0.25	0.25	0.25	0.25
02/08/2011	1663_110802_D4	77	3432	N to S	Falling	0.7 (2.4)	3	1	12	0.87	0.29	0.29	0.29
02/08/2011	1663_110802_D5	51	619	N to S	Falling	0.2 (0.4)	1	1	1	1.61	1.61	1.61	1.61
02/08/2011	1663_110802_D6	59	1161	S to N	Rising	0.3 (1.2)	2	2	1	1.72	1.72	1.72	1.72
02/08/2011	1663_110802_D7	37	4227	S to N	Rising	1.9 (3.6)	0	0	-	-	-	-	-
02/08/2011	1664_110802_D1	68	2395	N to S	Falling	0.6 (2.0)	10	2	7, 10	4.18	0.84	0.84	0.84
02/08/2011	1664_110802_D2	52	3479	N to S	Falling	1.1 (3.5)	1	1	1	0.29	0.29	0.29	0.29
02/08/2011	1664_110802_D3	63	3267	N to S	Falling	0.9 (3.3)	2	1	2	0.61	0.31	0.31	0.31
02/08/2011	1664_110802_D4	73	4250	N to S	Falling	1.0 (2.1)	3	1	11	0.71	0.24	0.24	0.24
02/08/2011	1664_110802_D5	67	612	W to E	Falling	0.2 (0.6)	0	0	-	-	-	-	-
02/08/2011	1664_110802_D6	67	639	S to N	Rising	0.2 (0.4)	0	0	-	-	-	-	-
02/08/2011	1664_110802_D7	29	4404	S to N	Rising	2.5 (3.5)	0	0	-	-	-	-	-
03/08/2011	1652_110803_D1	76	7469	S to N to	Rising*	0.7 (1.7)	0	0	-	-	-	-	-
03/08/2011	1652_110803_D2	52	3198	N to S	Falling	0.5 (1.1)	5	2	1, 8	1.56	0.63	0.63	0.63
03/08/2011	1652_110803_D3	48	4677	N to S	Falling	1.0 (2.8)	2	2	1	0.43	0.43	0.43	0.43
03/08/2011	1652_110803_D4	47	3035	N to S	Falling	0.6 (1.6)	2	1	2	0.66	0.33	0.33	0.33
03/08/2011	1652_110803_D5	35	2127	N to S	Falling	0.6 (0.9)	0	0	-	-	-	-	-

03/08/2011	1652_110803_D6	62	1338	N to S	Falling	0.2 (0.3)	1	1	1	0.75	0.75
03/08/2011	1652_110803_D7	202	5584	S to N	Rising	0.3 (3.0)	0	0	-	-	-
03/08/2011	1663_110803_D1	63	2113	S to N to	Rising*	0.6 (1.5)	0	0	-	-	-
03/08/2011	1663_110803_D2	69	2981	N to S	Falling	0.7 (1.9)	0	0	-	-	-
03/08/2011	1663_110803_D3	47	3557	N to S	Falling	1.3 (2.9)	0	0	-	-	-
03/08/2011	1663_110803_D4	51	1962	N to S	Falling	0.6 (1.8)	3	1	3	1.53	0.51
03/08/2011	1663_110803_D5	45	794	N to S	Falling	0.3 (0.7)	3	1	17	3.78	1.26
03/08/2011	1663_110803_D6	62	610	W to E	Falling	0.2 (0.3)	1	1	1	1.64	1.64
03/08/2011	1663_110803_D7	73	1214	N to S	Falling	0.3 (0.5)	4	2	3	3.29	1.65
03/08/2011	1663_110803_D8	100	3285	S to N	Rising	0.5 (3.6)	0	0	-	-	-
03/08/2011	1664_110803_D1	142	6637	S to N to	Rising*	0.8 (1.8)	1	1	1	0.15	0.15
03/08/2011	1664_110803_D2	55	3074	N to S	Falling	0.9 (2.0)	1	1	1	0.33	0.33
03/08/2011	1664_110803_D3	62	2350	N to S	Falling	0.6 (1.9)	0	0	-	-	-
03/08/2011	1664_110803_D4	54	510	W to E	Falling	0.2 (0.5)	1	1	1	1.96	1.96
03/08/2011	1664_110803_D5	89	2219	N to S	Falling	0.4 (1.6)	1	1	1	0.45	0.45
03/08/2011	1664_110803_D6	43	413	W to E	Rising	0.2 (0.3)	0	0	-	-	-
03/08/2011	1664_110803_D7	33	518	W to E	Rising	0.3 (0.5)	0	0	-	-	-
03/08/2011	1664_110803_D8	70	3088	S to N	Rising	0.7 (3.5)	0	0	-	-	-