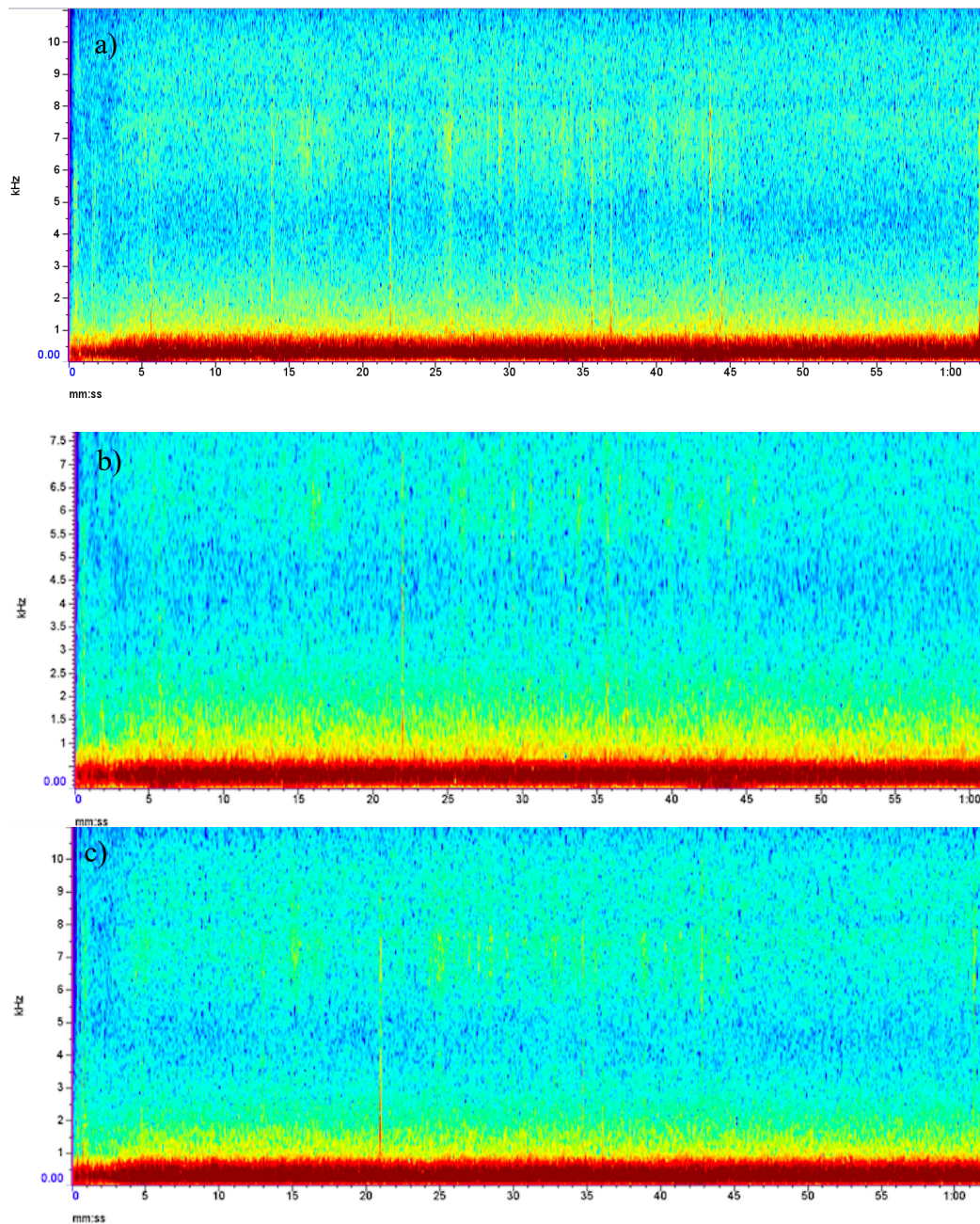
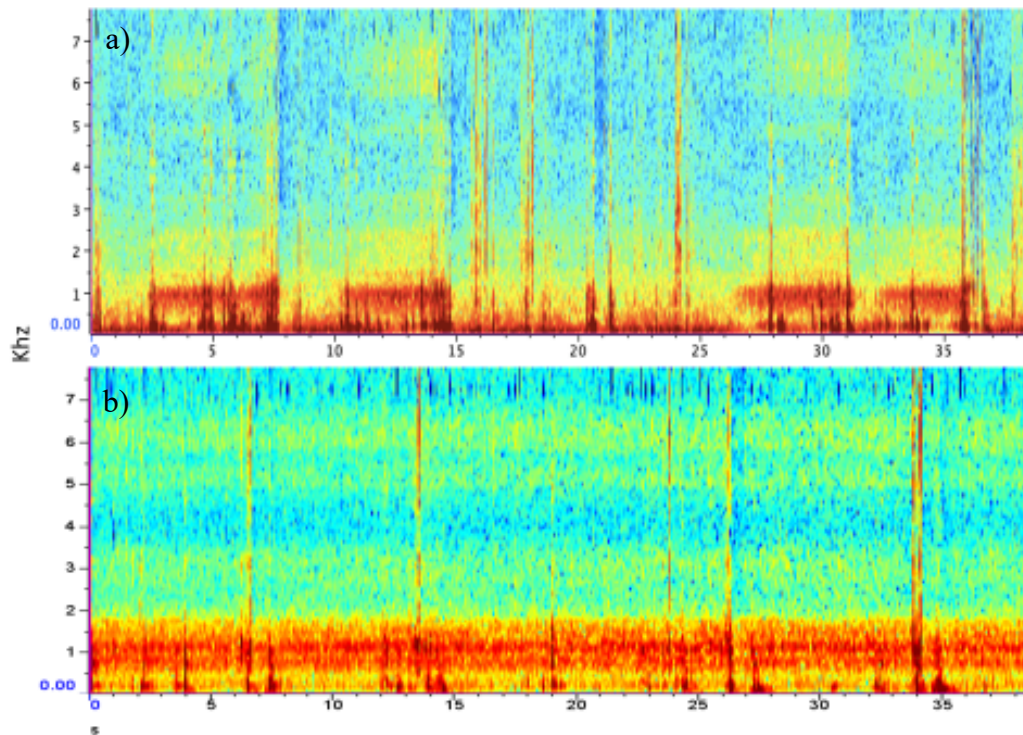


**Figure S1.** The diagram illustrates the pelagic drift setting structure, featuring three security buoys for each BRUV (yellow), three BRUV rigs, two signalling position tracking buoys (WAMBLEE, W880 Longline HF Radio Buoy) (red), a main rope (green) connecting BRUVs to the security buoy and additional ropes connecting the BRUV rigs (yellow).



**Figure S2.** Spectrograms of white noise captured by three synchronised GoPro cameras (a, b, c). The recordings were made simultaneously under identical conditions to assess the recording capacity of the cameras. Spectrogram (FFT 256, Hanning window, frequency scale linear to between 7500-10000 kHz) was made using the Raven software.



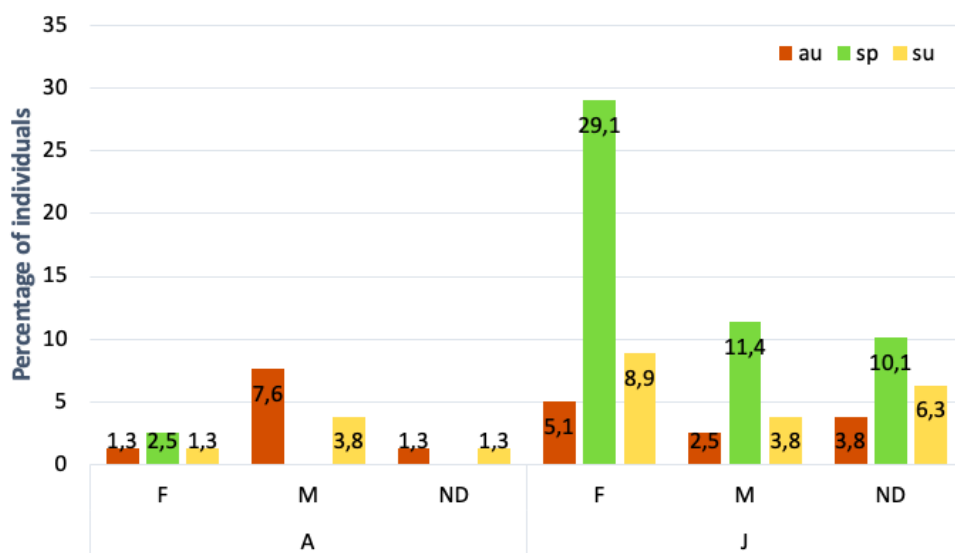
**Figure S3.** Example of boat sound categories, (a) intermittent and (b) continuous, found in the videos. The spectrograms (FFT 256, Hanning window, frequency scale linear to 7 KHz) were made using the Raven software.

**Table S1.** Acoustic characteristics of boat noises that appear in the 23 individuals of 15 videos with presence of sharks and boats. Identification number (ID) of the 23 individuals are present in the first column. Frequency 25% (Hz), frequency 75% (Hz), boat sound duration (hour:minutes:seconds) independent of shark presence, and sound types (continuous or intermittent) are described in the table. Sounds were recorded by the GoPro Hero 5 black cameras that registered the videos, using raw audio mode.

<b>ID</b> <i>P. glauca</i>	<b>Freq 25% (Hz)</b>	<b>Freq 75% (Hz)</b>	<b>Boat sound duration (h:m:s)</b>	<b>Sound type</b>
ID_1	172 266	430 664	02:57:00	intermittent
ID_10	602 930	861 328	01:10:48	continuous
ID_11	602 930	861 328	01:10:48	continuous
ID_12	258 398	775 195	01:10:48	continuous
ID_18	258 398	1 205 859	00:17:42	intermittent
ID_19	258 398	1 205 859	00:17:42	intermittent
ID_20	344 531	1 119 727	00:17:42	continuous
ID_21	775 195	1 205 859	01:06:48	continuous
ID_22	775 195	1 205 859	01:02:48	continuous
ID_26	689 062	1 119 727	00:04:42	continuous
ID_27	172 266	1 119 727	00:14:42	intermittent
ID_30	258 398	861 328	00:10:42	intermittent
ID_39	861 328	1 378 125	00:13:42	continuous
ID_4	689 062	947 461	01:10:48	continuous
ID_56	775 195	1 291 992	00:47:06	continuous
ID_58	258 398	1 205 859	00:05:18	continuous
ID_63	258 398	1 033 594	00:56:30	intermittent
ID_64	258 398	861 328	00:36:06	intermittent
ID_66	258 398	1 378 125	00:53:06	intermittent
ID_70	172 266	1 033 594	00:48:06	intermittent
ID_74	689 062	861 328	00:42:06	intermittent
ID_75	602 930	1 205 859	00:10:42	intermittent
NID_2	258 398	861 328	00:10:42	intermittent

**Table S2.** Table displaying identification codes for sharks (ID), including duration time (hours:minutes:seconds) of footage for the control individuals and individuals exposed to boat noise. For the boat noise group, the three different periods in relation with exposure timing are specified as follows: before noise (BN), during noise (DN), after noise (AN). Total video duration is also shown. \*Indicates individuals with time in BN and DN periods used for paired analyses.

ID control	Total duration	ID noise	BN duration	DN duration	AN duration	Total duration
ID17	0:28:40	ID10	0:00:00	0:10:41	0:00:00	0:10:41
ID35	0:09:30	ID12	0:00:00	0:17:25	0:00:00	0:17:25
ID34	0:09:50	ID18*	0:05:03	0:04:38	0:03:00	0:12:41
ID41	0:31:30	ID27*	0:02:58	0:10:32	0:00:00	0:11:30
ID42	0:10:28	ID30	0:00:00	0:08:14	0:00:00	0:08:14
ID45	0:10:04	ID58*	0:12:15	0:02:02	0:00:00	0:14:17
ID47	0:10:07	ID63*	0:03:24	0:05:18	0:14:42	0:23:24
ID49	0:10:50	ID66	0:02:23	0:04:12	0:01:02	0:07:37
ID52	0:11:19	ID64*	0:05:10	0:07:15	0:08:49	0:21:14
ID57	0:09:11	ID70*	0:02:18	0:12:14	0:00:00	0:14:32
ID60	0:04:04	ID4	0:00:00	0:09:16	0:01:43	0:10:59
ID71	0:10:13	NID2	0:00:00	0:06:01	0:00:00	0:06:01



**Figure S4.** Blue shark (*Prionace glauca*) population breakdown by life stage (adults and juveniles), sex (F - Female, M - Male, ND - No identified), and season (autumn, spring, summer). From the total of 79 individuals, juveniles accounted for 81%, while adults made up 19% of the population. Juveniles were more prevalent in spring (50.6%), while adults were more common in autumn (10.2%).

**Table S3.** The table displays the identification code (ID), life stage, total length in mm, sex, age, and duration of analysis for each of the 79 blue sharks in the study. The start and end time of interaction, and the duration of footage for each individual are also included in the table.

Individual	Sex	Age	Stage	Average	N°beh	Duration analyses	beh/min	Average beh/min
ID_1	ND	1+	J	0,89	8	0:05:30	1,45	0,05
ID_10	F	3+	A	5,78	52	0:18:40	2,80	0,31
ID_11	F	0+	J	7,11	64	0:46:40	1,37	0,15
ID_12	F	0+	J	7,78	70	0:26:40	2,63	0,29
ID_13	F	0+	J	2,22	20	0:12:58	1,54	0,17
ID_14	F	0+	J	1,11	10	0:14:51	0,67	0,07
ID_15	F	0+	J	1,22	11	0:22:00	0,50	0,06
ID_16	F	1+	J	1,67	15	0:29:30	0,51	0,06
ID_17	M	0+	J	8,22	74	0:28:40	2,59	0,29
ID_18	M	0+	J	10,89	98	0:35:20	2,78	0,31
ID_19	ND	0+	J	0,67	6	0:01:50	3,16	0,37
ID_2	F	1+	J	1,22	11	0:15:10	0,73	0,08
ID_20	F	1+	J	2,78	25	0:18:22	1,37	0,15
ID_21	ND	1+	J	1,89	17	0:13:22	1,29	0,14
ID_22	F	0+	J	3,56	32	0:09:50	3,23	0,36
ID_23	F	0+	J	2,44	22	0:12:40	1,75	0,20
ID_24	F	0+	J	2,89	26	0:17:10	1,52	0,17
ID_25	F	1+	J	0,33	3	0:01:20	2,50	0,18
ID_26	ND	0+	J	0,22	2	0:02:30	0,80	0,10
ID_27	M	1+	J	14,22	128	0:47:30	2,71	0,30
ID_28	F	0+	J	2,22	20	0:08:30	2,35	0,26
ID_29	ND	0+	J	0,56	5	0:02:40	1,92	0,23
ID_3	F	1+	J	6,00	54	1:21:22	0,67	0,07
ID_30	M	0+	J	6,78	61	0:33:30	1,82	0,20
ID_31	F	0+	J	1,56	14	0:12:50	1,09	0,12
ID_32	F	0+	J	2,44	22	0:29:30	0,75	0,08
ID_33	F	0+	J	1,33	12	0:05:20	2,31	0,26
ID_34	F	0+	J	5,00	45	0:17:00	2,65	0,29

ID_35	M	0+	J	2,67	24	0:09:30	2,53	0,28
ID_36	F	1+	J	2,78	25	0:19:49	1,28	0,14
ID_37	F	0+	J	1,67	15	0:03:50	3,85	0,43
ID_38	F	0+	J	10,78	97	0:50:40	1,92	0,21
ID_39	F	1+	J	3,78	34	0:26:40	1,29	0,14
ID_4	M	0+	J	0,89	8	0:24:00	0,33	0,04
ID_40	M	0+	J	10,22	92	0:38:00	2,42	0,27
ID_41	M	0+	J	1,78	16	0:30:20	0,53	0,06
ID_42	M	0+	J	5,89	53	0:14:47	3,56	0,41
ID_43	ND	0+	J	1,11	10	0:05:20	1,92	0,21
ID_44	F	0+	J	10,44	94	0:51:00	1,84	0,20
ID_45	F	1+	J	2,11	19	0:30:20	0,63	0,07
ID_47	M	3+	A	7,56	68	0:52:00	1,31	0,15
ID_49	ND	1+	J	7,11	64	0:18:20	3,52	0,39
ID_5	M	0+	J	4,11	37	0:46:07	0,80	0,09
ID_51	F	1+	J	9,67	87	0:38:00	2,29	0,25
ID_52	M	2+	J	22,89	206	1:33:04	2,21	0,25
ID_53	F	1+	J	5,33	48	0:37:04	1,30	0,14
ID_54	F	0+	J	5,22	47	0:17:20	2,73	0,30
ID_55	ND	0+	J	0,11	1	0:00:10	2,00	0,11
ID_56	ND	3+	A	0,11	1	0:00:10	2,00	0,11
ID_57	M	3+	A	3,67	33	0:09:10	3,63	0,40
ID_58	F	0+	J	50,00	450	2:11:50	3,42	0,38
ID_59	F	0+	J	3,00	27	0:09:40	2,87	0,32
ID_6	F	0+	J	1,00	9	0:40:30	0,22	0,02
ID_60	F	3+	A	2,44	22	0:16:00	1,38	0,15
ID_61	ND	1+	J	0,11	1	0:00:10	2,00	0,11
ID_62	ND	1+	J	0,22	2	0:04:00	0,50	0,06
ID_63	ND	0+	J	4,11	37	0:33:10	1,12	0,12
ID_64	ND	1+	J	7,56	68	0:27:50	2,52	0,27
ID_65	M	3+	A	2,89	26	0:09:40	2,71	0,30

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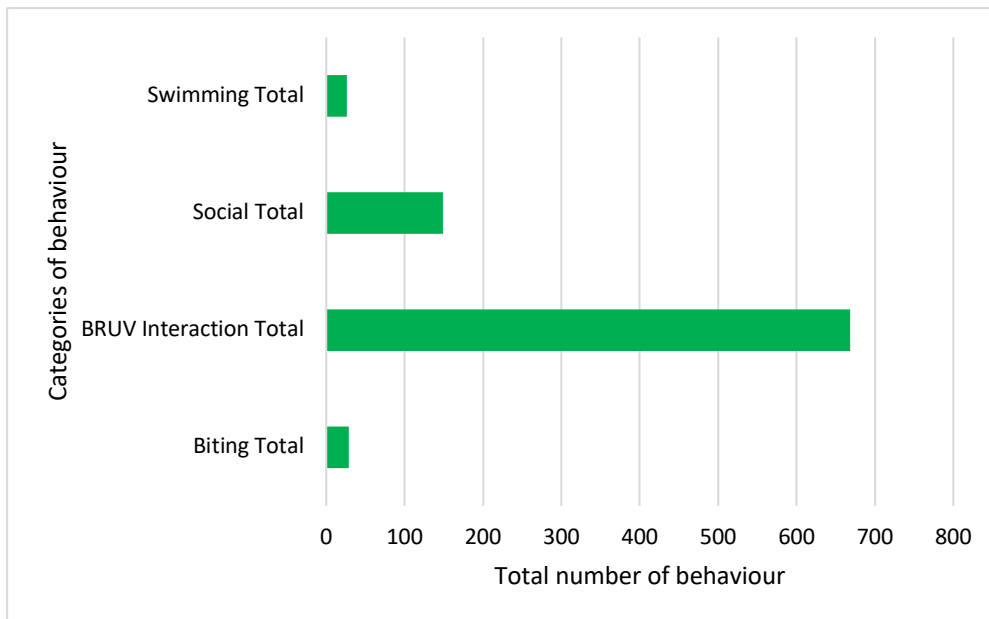
ID_66	F	2+	J	2,78	25	0:08:00	3,13	0,35
ID_67	M	3+	A	2,56	23	0:16:50	1,36	0,15
ID_68	M	1+	J	1,89	17	0:13:50	1,26	0,14
ID_69	F	3+	A	1,78	16	0:05:10	3,14	0,35
ID_7	M	0+	J	0,22	2	0:00:30	0,40	0,44
ID_70	ND	0+	J	5,33	48	0:12:40	3,87	0,42
ID_71	F	0+	J	5,78	52	0:14:20	3,66	0,41
ID_72	F	1+	J	4,89	44	0:15:00	2,93	0,33
ID_73	M	1+	J	4,00	36	0:19:00	1,89	0,21
ID_74	M	/	A	0,22	2	0:00:40	0,33	0,37
ID_75	M	3+	A	16,89	152	0:44:20	3,44	0,38
ID_76	M	5+	A	0,67	6	0:01:20	5,45	0,56
ID_77	M	6+	A	0,11	1	0:00:10	2,00	0,11
ID_78	M	5+	A	1,89	17	0:05:20	3,27	0,36
ID_79	ND	5+	A	0,22	2	0:10:40	0,19	0,02
ID_8	F	3+	A	0,22	2	0:00:21	10,00	0,22
ID_80	ND	1+	J	1,33	12	0:09:40	1,25	0,14
ID_9	F	0+	J	0,44	4	0:05:10	0,78	0,09
N.ID_1	ND	2+	J	4,22	38	0:25:20	1,51	0,17
NID_2	ND	0+	J	1,44	13	0:19:40	0,66	0,07

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**Table S4.** Interactions between blue sharks involved social behaviours that occurred within different interaction groups. The information provided includes the life stage of the shark (only ID10 is an adult), sex, age, and duration of the interaction for each group of sharks.

ID <i>P. glauca</i>	Stage	Sex	Age	Duration	
<b>Group 1</b>	ID_10	A	F	3+	0:26:34
	ID_11	J	F	0+	0:40:10
	ID_12	J	F	0+	0:13:15
<b>Group 2</b>	ID_13	J	F	0+	0:07:40
	ID_14	J	F	0+	0:07:40
	ID_16	J	F	1+	0:00:11
<b>Group 3</b>	ID_20	J	F	1+	0:08:21
	ID_21	J	ND	1+	0:08:27
<b>Group 4</b>	ID_30	J	M	0+	0:13:41
	NID_2	J	F	0+	0:13:47
<b>Group 5</b>	ID_32	J	F	0+	0:03:02
	ID_33	J	F	1+	0:03:05
<b>Group 6</b>	ID_36	J	F	0+	0:04:22
	ID_37	J	M	0+	0:04:00
<b>Group 7</b>	ID_42	J	ND	0+	0:01:36
	ID_43	J	M	2+	0:01:43
<b>Group 8</b>	ID_52	J	F	1+	0:10:29
	ID_53	J	ND	0+	0:10:25



**Figure S5.** Total number of behaviours per category presented for blue sharks during social interactions.