



Mean ( $\pm$ SD)	7.56 (2.90)	8.59 (4.58)	5.99 (1.99)	10.76 (4.50)	8.26 (3.46)	4.77 (3.56)	0.89 (0.55)	1.47 (2.09)
Range	4.51 - 15.37	3.65 - 16.87	3.65 - 11.54	4.59 - 17.62	4.22 - 15.19	0.64 - 11.42	0.16 - 3.15	0.00 - 10.00
CV	38.39	53.33	33.22	41.77	41.83	74.64	62.41	141.86
<b>MS6 NTS-Night</b>								
<i>n</i>	207	207	207	207	207	207	207	207
Mean ( $\pm$ SD)	6.51 (2.52)	7.67 (4.06)	5.62 (2.16)	9.29 (4.38)	6.67 (2.85)	3.68 (2.93)	0.71 (0.30)	0.63 (0.87)
Range	3.61 - 15.21	3.79 - 17.44	3.36 - 14.84	4.62 - 17.44	2.86 - 17.06	0.42 - 10.74	0.18 - 2.16	0.00 - 5.00
CV	38.79	52.93	38.38	47.16	42.75	79.56	42.66	137.83
<b>MS6 TS-Day</b>								
<i>n</i>	72	72	72	72	72	72	72	72
Mean ( $\pm$ SD)	7.85 (3.54)	8.68 (3.16)	6.47 (1.96)	12.95 (3.93)	9.18 (3.25)	6.48 (3.06)	0.88 (0.41)	1.29 (1.26)
Range	0.87 - 18.17	3.66 - 17.49	0.87 - 11.32	4.76 - 18.88	1.13 - 17.01	0.29 - 13.22	0.23 - 2.01	0.00 - 7.00
CV	45.07	36.41	30.29	30.37	35.36	47.28	46.88	97.62
<b>MS6 TS-Night</b>								
<i>n</i>	46	46	46	46	46	46	46	46
Mean ( $\pm$ SD)	5.26 (0.23)	6.58 (2.65)	4.66 (0.28)	8.04 (4.51)	5.01 (0.23)	3.38 (4.41)	0.83 (0.22)	0.72 (0.68)
Range	4.83 - 6.23	4.06 - 16.41	4.06 - 4.97	4.97 - 20.06	4.50 - 5.72	0.47 - 15.09	0.45 - 1.40	0.00 - 2.00
CV	4.32	40.35	6.02	56.18	4.62	130.53	26.69	95.96

**Table S2.** Descriptive statistics of chirp parameters at the MS5 Susak and MS6 Lošinj during the day and night in the NTS and TS.

Statistics	Start freq (kHz)	End freq (kHz)	Min freq (kHz)	Max freq (kHz)	Peak freq (kHz)	Freq range (kHz)	Duration (s)
<b>MS5 NTS-Day</b>							
<i>n</i>	91	91	91	91	91	91	91
Mean ( $\pm$ SD)	1.93 (0.63)	2.40 (0.46)	1.77 (0.51)	2.53 (0.46)	2.09 (0.44)	0.76 (0.37)	0.07 (0.02)
Range	0.26 - 5.02	1.56 - 4.41	0.83 - 4.41	1.56 - 5.02	1.13 - 4.59	0.26 - 1.91	0.02 - 0.10
CV	32.69	19.07	28.73	18.02	21.28	48.93	30.56
<b>MS5 NTS-Night</b>							
<i>n</i>	13	13	13	13	13	13	13
Mean ( $\pm$ SD)	2.63 (1.07)	2.97 (0.81)	2.40 (0.91)	3.03 (0.82)	2.65 (0.94)	0.62 (0.23)	0.06 (0.02)
Range	1.43 - 5.50	2.30 - 5.50	1.43 - 4.87	2.30 - 5.50	1.69 - 5.25	0.25 - 1.14	0.04 - 0.08
CV	40.72	27.43	37.72	26.91	35.31	37.35	25.90
<b>MS5 TS-Day</b>							
<i>n</i>	20	20	20	20	20	20	20
Mean ( $\pm$ SD)	1.70 (0.70)	2.29 (0.62)	1.55 (0.55)	2.36 (0.58)	2.00 (0.58)	0.81 (0.30)	0.07 (0.02)
Range	1.01 - 4.26	1.52 - 4.34	0.92 - 3.46	1.64 - 4.34	1.41 - 4.13	0.31 - 1.41	0.03 - 0.10
CV	41.08	26.89	35.12	24.43	29.20	36.78	29.68
<b>MS5 TS-Night</b>							
<i>n</i>	16	16	16	16	16	16	16
Mean ( $\pm$ SD)	1.66 (1.07)	2.08 (1.00)	1.57 (1.05)	2.19 (1.01)	1.89 (1.00)	0.63 (0.44)	0.08 (0.01)
Range	0.82 - 5.48	0.96 - 5.32	0.82 - 5.32	1.35 - 5.64	1.13 - 5.44	0.26 - 1.80	0.05 - 0.10
CV	64.60	48.17	66.77	45.91	52.77	69.94	19.50
<b>MS6 NTS-Day</b>							
<i>n</i>	9	9	9	9	9	9	9
Mean ( $\pm$ SD)	1.66 (0.25)	2.17 (0.69)	1.46 (0.46)	2.33 (0.39)	1.91 (0.27)	0.88 (0.34)	0.08 (0.02)

Range	1.16 – 2.01	0.51 – 2.73	0.51 – 2.01	1.70 – 2.73	1.31 – 2.16	0.44 – 1.35	0.05 – 0.10
CV	14.88	31.68	31.01	16.70	13.91	38.89	22.16
<b>MS6 NTS-Night</b>							
<i>n</i>	12	12	12	12	12	12	12
Mean ( $\pm$ SD)	1.70 (0.18)	2.10 (0.25)	1.63 (0.20)	2.13 (0.18)	1.92 (0.18)	0.50 (0.21)	0.08 (0.02)
Range	1.27 – 2.01	1.37 – 2.33	1.27 – 1.84	1.66 – 2.33	1.50 – 2.16	0.29 – 1.06	0.05 – 0.10
CV	10.69	12.02	12.44	8.42	9.19	42.56	21.05
<b>MS6 TS-Day</b>							
<i>n</i>	18	18	18	18	18	18	18
Mean ( $\pm$ SD)	2.25 (1.81)	2.74 (1.52)	2.11 (1.69)	2.82 (1.70)	2.40 (1.75)	0.72 (0.29)	0.06 (0.02)
Range	1.04 – 8.75	1.74 – 8.14	1.04 – 8.14	1.74 – 9.02	1.31 – 8.72	0.38 – 1.38	0.03 – 0.10
CV	80.65	55.53	80.51	60.17	73.14	39.91	34.80
<b>MS6 TS-Night</b>							
<i>n</i>	1	1	1	1	1	1	1
Mean ( $\pm$ SD)	1.63	0.94	0.94	1.63	1.41	0.69	0.03
Range	-	-	-	-	-	-	-
CV	-	-	-	-	-	-	-

**Table S3.** Descriptive statistics of LFN sound parameters at the MS5 Susak and MS6 Lošinj during the day and night in the NTS and TS.

Statistics	Min freq (kHz)	Max freq (kHz)	Peak freq (kHz)	Freq range (kHz)	Duration (s)	Harmonics ( <i>n</i> )
<b>MS5 NTS-Day</b>						
<i>n</i>	45	45	45	45	45	45
Mean ( $\pm$ SD)	0.38 (0.09)	0.75 (0.12)	0.56 (0.10)	0.36 (0.10)	0.04 (0.02)	0.13 (0.34)
Range	0.18 – 0.59	0.52 – 1.04	0.28 – 0.75	0.21 – 0.66	0.02 – 0.08	0.00 – 1.00
CV	23.11	16.54	18.46	26.60	38.49	257.83
<b>MS5 NTS-Night</b>						
<i>n</i>	12	12	12	12	12	12
Mean ( $\pm$ SD)	0.47 (0.06)	0.97 (0.11)	0.64 (0.10)	0.49 (0.09)	0.06 (0.01)	0.00 (0.00)
Range	0.37 – 0.56	0.73 – 1.16	0.47 – 0.75	0.35 – 0.66	0.04 – 0.07	0.00 – 0.00
CV	13.22	11.79	16.31	17.97	14.85	-
<b>MS5 TS-Day</b>						
<i>n</i>	173	173	173	173	173	173
Mean ( $\pm$ SD)	0.35 (0.09)	0.66 (0.11)	0.50 (0.09)	0.32 (0.08)	0.03 (0.01)	0.02 (0.15)
Range	0.21 – 0.62	0.50 – 1.20	0.38 – 0.84	0.19 – 0.89	0.01 – 0.13	0.00 – 1.00
CV	26.55	15.89	18.09	23.87	51.36	651.89
<b>MS5TS-Night</b>						
<i>n</i>	233	233	233	233	233	233
Mean ( $\pm$ SD)	0.36 (0.09)	0.71 (0.11)	0.53 (0.09)	0.34 (0.10)	0.03 (0.01)	0.06 (0.25)
Range	0.17 – 0.62	0.44 – 0.99	0.28 – 0.75	0.18 – 0.81	0.01 – 0.10	0.00 – 1.00
CV	23.43	14.89	16.84	28.05	44.73	382.05
<b>MS6 NTS-Day</b>						
<i>n</i>	64	64	64	64	64	64
Mean ( $\pm$ SD)	0.25 (0.06)	0.68 (0.07)	0.42 (0.06)	0.43 (0.07)	0.06 (0.02)	0.16 (0.57)
Range	0.11 – 0.41	0.41 – 0.85	0.28 – 0.56	0.25 – 0.62	0.02 – 0.12	0.00 – 4.00

CV	23.43	10.99	14.28	17.24	38.42	364.52
<b>MS6 NTS-Night</b>						
<i>n</i>	83	83	83	83	83	83
Mean ( $\pm$ SD)	0.27 (0.06)	0.63 (0.09)	0.45 (0.07)	0.36 (0.09)	0.05 (0.02)	0.11 (0.31)
Range	0.17 – 0.57	0.50 – 0.91	0.28 – 0.75	0.22 – 0.70	0.02 – 0.12	0.00 – 1.00
CV	20.46	13.65	14.69	25.52	50.31	288.49
<b>MS6 TS-Day</b>						
<i>n</i>	200	200	200	200	200	200
Mean ( $\pm$ SD)	0.32 (0.11)	0.74 (0.20)	0.50 (0.13)	0.42 (0.18)	0.05 (0.03)	0.08 (0.28)
Range	0.15 – 0.72	0.48 – 1.58	0.28 – 1.03	0.18 – 1.22	0.01 – 0.19	0.00 – 2.00
CV	35.25	26.48	25.90	42.03	64.85	376.59
<b>MS6 TS-Night</b>						
<i>n</i>	10	10	10	10	10	10
Mean ( $\pm$ SD)	0.26 (0.04)	0.59 (0.04)	0.41 (0.05)	0.33 (0.03)	0.05 (0.01)	0.00 (0.00)
Range	0.23 – 0.32	0.52 – 0.66	0.38 – 0.47	0.28 – 0.38	0.03 – 0.07	0.00 – 0.00
CV	13.73	7.33	11.74	9.84	20.87	-

**Table S4.** Statistical tests for differences in whistle parameters between diel (day vs night) and seasonal (NTS vs TS) periods at the MS5 Susak (Statistically significant results are highlighted in bold).

Start freq (kHz)	End freq (kHz)	Min freq (kHz)	Max freq (kHz)	Peak freq (kHz)	Freq range (kHz)	Duration (s)	IP ( <i>n</i> )
<b>Day vs Night NTS</b>							
one-way ANOVA	Kruskal Wallis	one-way ANOVA	one-way ANOVA	one-way ANOVA	one-way ANOVA	one-way ANOVA	Kruskal Wallis
F (1,248) = 1.51	H (1) = 0.09	F (1,248) = 0.54	F (1,248) = 1.00	F (1,248) = 0.06	F (1,248) = 2.32	F (1,248) = 0.20	H (1) = 0.14
p = 0.221	p = 0.766	p = 0.462	p = 0.317	p = 0.811	p = 0.129	p = 0.653	p = 0.709
<b>Day vs Night TS</b>							
Kruskal Wallis	one-way ANOVA	one-way ANOVA	Kruskal Wallis	one-way ANOVA	one-way ANOVA	one-way ANOVA	one-way ANOVA
H (1) = 0.56	F (1,33) = 5.32	F (1,33) = 0.92	H (1) = 0.19	F (1,33) = 1.03	F (1,33) = 0.09	F (1,33) = 2.04	F (1,33) = 0.26
p = 0.814	<b>p = 0.027</b>	p = 0.344	p = 0.666	p = 0.317	p = 0.765	p = 0.162	p = 0.613
<b>NTS vs TS</b>							
one-way ANOVA	one-way ANOVA	one-way ANOVA	one-way ANOVA	one-way ANOVA	one-way ANOVA	one-way ANOVA	one-way ANOVA
F (1,283) = 14.21	F (1,283) = 26.91	F (1,283) = 3.36	F (1,283) = 10.46	F (1,283) = 9.27	F (1,283) = 4.58	F (1,283) = 0.52	F (1,283) = 4.79
<b>p = 0.000</b>	<b>p = 0.000</b>	p = 0.068	<b>p = 0.001</b>	<b>p = 0.003</b>	<b>p = 0.033</b>	p = 0.469	<b>p = 0.029</b>

**Table S5.** Statistical tests for differences in chirp parameters between diel (day vs night) and seasonal (NTS vs TS) periods at the MS5 Susak (Statistically significant results are highlighted in bold).

Start freq (kHz)	End freq (kHz)	Min freq (kHz)	Max freq (kHz)	Peak freq (kHz)	Freq range (kHz)	Duration (s)
<b>Day vs Night NTS</b>						
Kruskal Wallis	one-way ANOVA	Kruskal Wallis	one-way ANOVA	Kruskal Wallis	Kruskal Wallis	one-way ANOVA
H (1) = 7.46	F (1,102) = 13.86	H (1) = 8.84	F (1,102) = 10.58	H (1) = 6.15	H (1) = 1.06	F (1,102) = 0.64
<b>p = 0.006</b>	<b>p = 0.000</b>	<b>p = 0.003</b>	<b>p = 0.002</b>	<b>p = 0.013</b>	p = 0.302	p = 0.425

*Day vs Night TS*

one-way ANOVA						
F (1,34) = 0.02	F (1,34) = 0.59	F (1,34) = 0.00	F (1,34) = 0.40	F (1,34) = 0.16	F (1,34) = 2.19	F (1,34) = 2.31
p = 0.889	p = 0.446	p = 0.964	p = 0.528	p = 0.685	p = 0.147	p = 0.138

*NTS vs TS*

one-way ANOVA						
F (1,138) = 5.05	F (1,138) = 5.41	F (1,138) = 5.30	F (1,138) = 6.87	F (1,138) = 2.99	F (1,138) = 0.05	F (1,138) = 0.70
<b>p = 0.026</b>	<b>p = 0.021</b>	<b>p = 0.023</b>	<b>p = 0.010</b>	p = 0.086	p = 0.809	p = 0.401

**Table S6.** Statistical tests for differences in LFN sound parameters between diel (day vs night) and seasonal (NTS vs TS) periods at the MS5 Susak (Statistically significant results are highlighted in bold).

Min freq (kHz)	Max freq (kHz)	Peak freq (kHz)	Freq range (kHz)	Duration (s)	Harmonics (n)
<i>Day vs Night NTS</i>					
one-way ANOVA	one-way ANOVA	one-way ANOVA	one-way ANOVA	Kruskal Wallis	Kruskal Wallis
F (1,55) = 10.84	F (1,55) = 31.47	F (1,55) = 6.35	F (1,55) = 18.23	H (1) = 12.91	H (1) = 1.75
<b>p = 0.002</b>	<b>p = 0.000</b>	<b>p = 0.015</b>	<b>p = 0.000</b>	<b>p = 0.000</b>	p = 0.185
<i>Day vs Night TS</i>					
one-way ANOVA	one-way ANOVA	one-way ANOVA	Kruskal Wallis	one-way ANOVA	Kruskal Wallis
F (1,404) = 3.37	F (1,404) = 15.80	F (1,404) = 6.14	H (1) = 5.92	F (1,404) = 1.44	H (1) = 3.77
p = 0.067	<b>p = 0.000</b>	<b>p = 0.014</b>	<b>p = 0.015</b>	p = 0.230	p = 0.052
<i>NTS vs TS</i>					
one-way ANOVA	Kruskal Wallis	one-way ANOVA	Kruskal Wallis	Kruskal Wallis	Kruskal Wallis
F (1,461) = 13.77	H (1) = 28.26	F (1,461) = 19.10	H (1) = 18.34	H (1) = 56.52	H (1) = 3.33
<b>p = 0.000</b>	<b>p = 0.000</b>	<b>p = 0.000</b>	<b>p = 0.000</b>	<b>p = 0.000</b>	p = 0.068

**Table S7.** Statistical tests for differences in whistle parameters between diel (day vs night) and seasonal (NTS vs TS) periods at the MS6 Lošinj (Statistically significant results are highlighted in bold).

Start freq (kHz)	End freq (kHz)	Min freq (kHz)	Max freq (kHz)	Peak freq(kHz)	Freq range (kHz)	Duration (s)	IP (n)
<i>Day vs Night NTS</i>							
one-way ANOVA	Kruskal Wallis	one-way ANOVA	one-way ANOVA	Kruskal Wallis	Kruskal Wallis	Kruskal Wallis	Kruskal Wallis
F (1,260) = 7.13	H (1) = 0.65	F (1,260) = 1.36	F (1,260) = 4.86	H (1) = 3.92	H (1) = 6.65	H (1) = 3.00	H (1) = 5.43
<b>p = 0.008</b>	p = 0.419	p = 0.245	<b>p = 0.028</b>	<b>p = 0.048</b>	<b>p = 0.010</b>	p = 0.083	<b>p = 0.020</b>
<i>Day vs Night TS</i>							
Kruskal Wallis	one-way ANOVA	Kruskal Wallis	one-way ANOVA	Kruskal Wallis	one-way ANOVA	Kruskal Wallis	one-way ANOVA
H (1) = 48.68	F (1,116) = 13.96	H (1) = 42.39	F (1,116) = 39.96	H (1) = 49.40	F (1,116) = 20.30	H (1) = 0.78	F (1,116) = 8.00
<b>p = 0.000</b>	<b>p = 0.000</b>	<b>p = 0.000</b>	<b>p = 0.000</b>	<b>p = 0.000</b>	<b>p = 0.000</b>	p = 0.377	<b>p = 0.006</b>
<i>NTS vs TS</i>							
one-way ANOVA	Kruskal Wallis	Kruskal Wallis	Kruskal Wallis	one-way ANOVA	Kruskal Wallis	one-way ANOVA	one-way ANOVA
F (1,378) = 0.13	H (1) = 3.63	H (1) = 9.13	H (1) = 13.17	F (1,378) = 2.56	H (1) = 9.21	F (1,378) = 7.67	F (1,378) = 3.75
p = 0.723	p = 0.057	<b>p = 0.003</b>	<b>p = 0.000</b>	p = 0.111	<b>p = 0.002</b>	<b>p = 0.006</b>	p = 0.053

**Table S8.** Statistical tests for differences in chirp parameters between diel (day vs night) and seasonal (NTS vs TS) periods at the MS6 Lošinj (Statistically significant results are highlighted in bold).

Start freq (kHz)	End freq (kHz)	Min freq (kHz)	Max freq (kHz)	Peak freq (kHz)	Freq range (kHz)	Duration (s)
<i>Day vs Night NTS</i>						
one-way ANOVA	one-way ANOVA	one-way ANOVA	Kruskal Wallis	one-way ANOVA	one-way ANOVA	one-way ANOVA
F (1,19) = 0.159	F (1,19) = 0.11	F (1,19) = 1.32	H (1) = 1.82	F (1,19) = 0.02	F (1,19) = 9.71	F (1,19) = 0.00
p = 0.695	p = 0.743	p = 0.264	p = 0.177	p = 0.873	<b>p = 0.006</b>	p = 0.951
<i>Day vs Night TS</i>						
-	-	-	-	-	-	-
<i>NTS vs TS</i>						
Kruskal Wallis	Kruskal Wallis	Kruskal Wallis	Kruskal Wallis	Kruskal Wallis	one-way ANOVA	one-way ANOVA
H (1) = 0.026	H (1) = 0.16	H (1) = 0.00	H (1) = 0.70	H (1) = 0.22	F (1,38) = 0.31	F (1,38) = 13.48
p = 0.871	p = 0.685	p = 0.957	p = 0.401	p = 0.633	p = 0.576	<b>p = 0.001</b>

**Table S9.** Statistical tests for differences in LFN sound parameters between diel (day vs night) and seasonal (NTS vs TS) periods at the MS6 Lošinj (Statistically significant results are highlighted in bold).

Min freq (kHz)	Max freq (kHz)	Peak freq (kHz)	Freq range(kHz)	Duration (s)	Harmonics (n)
<i>Day vs Night NTS</i>					
one-way ANOVA	one-way ANOVA	one-way ANOVA	one-way ANOVA	one-way ANOVA	one-way ANOVA
F (1,145) = 3.27	F (1,145) = 14.78	F (1,145) = 7.39	F (1,145) = 24.36	F (1,145) = 16.38	F (1,145) = 0.42
p = 0.073	<b>p = 0.000</b>	<b>p = 0.007</b>	<b>p = 0.000</b>	<b>p = 0.000</b>	p = 0.518
<i>Day vs Night TS</i>					
Kruskal Wallis	Kruskal Wallis	one-way ANOVA	Kruskal Wallis	Kruskal Wallis	one-way ANOVA
H (1) = 4.27	H (1) = 9.98	F (1,208) = 4.37	H (1) = 2.64	H (1) = 1.82	F (1,208) = 0.70
<b>p = 0.039</b>	<b>p = 0.002</b>	<b>p = 0.038</b>	p = 0.104	p = 0.177	p = 0.403
<i>NTS vs TS</i>					
Kruskal Wallis	Kruskal Wallis	Kruskal Wallis	Kruskal Wallis	one-way ANOVA	Kruskal Wallis
H (1) = 28.69	H (1) = 15.38	H (1) = 18.85	H (1) = 0.00	F (1,355) = 5.65	H (1) = 1.98
<b>p = 0.000</b>	<b>p = 0.000</b>	<b>p = 0.000</b>	p = 0.998	<b>p = 0.018</b>	p = 0.158