

Table S1: Sperm whale detections from both summer and winter surveys of the Hellenic Trench grouped based on temporal proximity to assess the possibility of one whale being detected multiple times within a group.

Survey	Detection ID	Group	Encounter start	Encounter end	Comment
1	2	1	20/08/2021 10:13	20/08/2021 10:27	Overlapped trains
1	3	1	20/08/2021 10:14	20/08/2021 10:29	Overlapped trains
1	4	1	20/08/2021 10:21	20/08/2021 10:22	Overlapped trains
1	5	1	20/08/2021 10:42	20/08/2021 10:50	20 min since previous train ended. Vessel continues to move in same direction at 10.5 knts, next group of clicks detected in front of vessel first. Likely different whales in same group.
1	6	1	20/08/2021 10:46	20/08/2021 10:58	Overlapped trains
1	7	1	20/08/2021 11:04	20/08/2021 11:13	Overlapped trains
1	8	1	20/08/2021 11:06	20/08/2021 11:17	Overlapped trains
1	9	1	20/08/2021 11:07	20/08/2021 11:08	Overlapped trains
1	10	1	20/08/2021 11:13	20/08/2021 11:14	Overlapped trains
1	12	2	21/08/2021 17:28	21/08/2021 17:33	Over 24 hours since last train
1	22	3	23/08/2021 07:28	23/08/2021 07:29	Over 24 hours since last train
1	23	3	23/08/2021 07:31	23/08/2021 07:36	2 minutes since end of previous train. Vessel continues to move in same direction at 9.9 knts, next group of clicks detected in front of vessel first. Likely different whales, in same group.
1	24	3	23/08/2021 07:32	23/08/2021 07:35	Overlapped trains
1	26	3	23/08/2021 07:35	23/08/2021 07:36	Overlapped trains
1	27	3	23/08/2021 07:36	23/08/2021 07:36	Overlapped trains
1	31	4	24/08/2021 05:05	24/08/2021 05:58	Almost 24 hours since last train
1	39	5	25/08/2021 23:49	26/08/2021 00:03	Over 24 hours since last train

Survey	Detection ID	Group	Encounter start	Encounter end	Comment
1	40	5	26/08/2021 00:07	26/08/2021 00:24	4 minutes since end of last train. Vessel continues to move in same direction at 9.2 knts, next group of clicks detected in front of vessel first. Likely different whales in same group
1	41	5	26/08/2021 00:28	26/08/2021 00:35	Overlapped trains
1	42	5	26/08/2021 00:34	26/08/2021 00:37	Overlapped trains
1	43	5	26/08/2021 00:35	26/08/2021 00:41	Overlapped trains
1	55	6	30/08/2021 18:22	30/08/2021 18:29	Over 24 hours since last train. Overlapped trains
1	56	6	30/08/2021 18:28	30/08/2021 18:55	Overlapped trains
1	57	6	30/08/2021 18:38	30/08/2021 18:56	Overlapped trains
1	58	6	30/08/2021 18:41	30/08/2021 18:43	Overlapped trains
1	59	6	30/08/2021 18:41	30/08/2021 19:01	Overlapped trains
1	61	6	30/08/2021 19:06	30/08/2021 19:17	5 minutes since last train ended. Vessel continues to move in same direction at 9.1 knts, next group of clicks detected in front of vessel first. Likely different whales in same group
1	62	6	30/08/2021 19:16	30/08/2021 19:19	Overlapped trains
1	65	7	30/08/2021 23:27	30/08/2021 23:31	over 4 hours since last train ended. Overlapped trains
1	66	7	30/08/2021 23:27	30/08/2021 23:36	Overlapped trains
1	73	8	01/09/2021 19:08	01/09/2021 20:09	Almost 24 hours since last train
1	101	9	10/09/2021 04:59	10/09/2021 05:32	Over 24 hours since last train
1	111	10	11/09/2021 17:03	11/09/2021 17:06	Over 24 hours since last train, overlapped trains
1	112	10	11/09/2021 17:07	11/09/2021 17:13	Overlapped trains
1	113	10	11/09/2021 17:09	11/09/2021 17:18	Overlapped trains
2	18	1	19/02/2022 04:26	19/02/2022 05:24	First detection of survey
2	33	2	21/02/2022 16:07	21/02/2022 17:07	over 24 hours since previous train

Survey	Detection ID	Group	Encounter start	Encounter end	Comment
2	34	3	24/02/2022 09:15	24/02/2022 10:15	over 24 hours since previous train, overlapped trains
2	35	3	24/02/2022 09:18	24/02/2022 09:30	Overlapped trains
2	36	3	24/02/2022 09:27	24/02/2022 09:50	Overlapped trains
2	37	3	24/02/2022 09:36	24/02/2022 09:49	Overlapped trains
2	38	3	24/02/2022 09:38	24/02/2022 09:50	Overlapped trains
2	39	3	24/02/2022 09:39	24/02/2022 09:42	Overlapped trains
2	40	3	24/02/2022 09:48	24/02/2022 10:06	Overlapped trains
2	41	3	24/02/2022 09:53	24/02/2022 10:04	Overlapped trains
2	42	3	24/02/2022 10:03	24/02/2022 10:16	Overlapped trains
2	43	3	24/02/2022 10:24	24/02/2022 10:43	8 minutes silence since previous train ended. Vessel continues to move in same direction at 7.5 knts, next group of clicks detected in front of vessel first. Likely different whales in same group further ahead.
2	44	3	24/02/2022 10:34	24/02/2022 11:17	Overlapped trains
2	150	4	27/03/2022 16:24	27/03/2022 18:12	over 24 hours since previous train