



2012 All Sighting Numbers, raw

				Sighting Number	Time Code	Species / Vessel Type		
Feb 13 Day 1 of 98								
	CCvr	Bft	Horizon - Viz					
Poor	90%	4	Fuzzy / 3	01	9:43:00 PST	17:43-GMT SD Tt Bottlenose dolphin Position: 212° / 2260 m Dir: West; Behavior: Moderate travel	Total 4	0 Calves at sighting
Poor	90%	4	Sharp / 3	02	9:56:00 PST	17:56-GMT V Oil services-Crew boat-- ● Position: 244° / 3088 m Dir: North	1 vessel	
Poor	10%	5	Sharp / 3	03	12:00:00 PST	20:00-GMT V Oil services-Crew boat-- ● Position: 244° / 3088 m Dir: South	1 vessel	OFF-EFFORT
Poor	10%	5	Sharp / 3	04	12:11:00 PST	20:11-GMT SD Tt Bottlenose dolphin Position: 179° / 539 m Dir: East; Behavior: Milling	Total 5	0 Calves at sighting
Feb 14 Day 2 of 98								
	CCvr	Bft	Horizon - Viz					
Good	0%	2	Sharp / 3	01	9:10:00 PST	17:10-GMT V Oil services-Crew boat-- ● Position: 277° / 3528 m Dir: North	1 vessel	
Good	0%	2	Sharp / 3	02	9:11:00 PST	17:11-GMT SD D sp Common dolphin species Position: 144° / 2749 m Dir: East; Behavior: Foraging	Total 200	0 Calves at sighting
Good	0%	2	Sharp / 3	03	9:29:00 PST	17:29-GMT SP Pv Harbor seal Position: 101° / 735 m Dir: No direction; Behavior: in kelp	Total 1	0 Pups at sighting
Good	0%	2	Sharp / 3	04	9:36:00 PST	17:36-GMT V Oil services-Work-boat-- ● Position: 135° / 2749 m Dir: West	1 vessel	
Excellent	0%	2	Sharp / 3	05	11:07:00 PST	19:07-GMT V Oil services-Crew boat-- ● Position: 276° / 3088 m Dir: South	1 vessel	
Good	10%	3	Sharp / 3	06	11:38:00 PST	19:38-GMT V Oil services-Crew boat-- ● Position: 280° / 3088 m Dir: South	1 vessel	
Poor	10%	5	Sharp / 3	07	12:17:00 PST	20:17-GMT V Oil services-Crew boat-- ● Position: 245° / 3088 m Dir: South	1 vessel	OFF-EFFORT
Feb 15 Day 3 of 98								
	CCvr	Bft	Horizon - Viz					
Poor	100	1	NV / 2	01	9:25:00 PST	17:25-GMT V Oil services-Crew boat-- ● Position: 240° / 3088 m Dir: ni	1 vessel	
Poor	100	1	NV / 2	02	9:25:00 PST	17:25-GMT V Oil services-Crew boat-- ● Position: 236° / 3088 m Dir: ni	1 vessel	

part of 2012 Gray Whales Count, Survey Report © Gray Whales Count, 2016,
prepared by Michael H Smith, Project Coordinator, Gray Whales Count, Santa Barbara, California, USA.

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2012 All Sighting Numbers, raw

				Sighting Number	Time	Species / Vessel Type	
					Code		
Poor	100	1	NV / 2	03	9:33:00 PST	17:33-GMT Research---UCSB • Cormorant Position: 98° / 3528 m Dir: ni	1 vessel
Good	30%	3	Fuzzy / 3	04	10:48:00 PST	18:48-GMT unidentified vessel--- • Position: 136° / 3088 m Dir: West	1 vessel
Fair	20%	4	Sharp / 3	05	11:07:00 PST	19:07-GMT Oil services-Crew boat-- • Position: 236° / 3088 m Dir: South	1 vessel

Feb 16 Day 4 of 98

CCvr	Bft	Horizon	Viz				
Excellent	10%	0	Sharp / 3	01	9:11:00 PST	17:11-GMT SD Tt Bottlenose dolphin Position: 186° / 269 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Excellent	10%	0	Sharp / 3	02	9:14:00 PST	17:14-GMT SP Pv Harbor seal Position: 173° / 194 m Dir: West; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Excellent	10%	0	Sharp / 3	03	9:22:00 PST	17:22-GMT V Fish Commercial-Net-- • Position: 263° / 2749 m Dir: No direction	1 vessel
Excellent	10%	0	Sharp / 3	04	9:25:00 PST	17:25-GMT V Fish Commercial-Lobster/Crab-- • L13127 Position: 109° / 2749 m Dir: West	1 vessel
Excellent	10%	0	Sharp / 3	05	9:34:00 PST	17:34-GMT V Airship--Helicopter- • Position: 174° / 300 m Dir: East	1 vessel
Excellent	10%	0	Sharp / 3	06	9:35:00 PST	17:35-GMT V Research---UCSB • Comorant Position: 97° / 3528 m Dir: No direction	1 vessel
Excellent	10%	0	Sharp / 3	07	9:42:00 PST	17:42-GMT V Fish Commercial-Net-- • Tytan F690689 Position: 113° / 3528 m Dir: West	1 vessel
Excellent	10%	0	Sharp / 3	08	9:43:00 PST	17:43-GMT V Oil services-Crew boat-- • Position: 270° / 3528 m Dir: North	1 vessel
Excellent	10%	1	Sharp / 3	09	10:22:00 PST	18:22-GMT SD D sp Common dolphin species Position: 225° / 2749 m Dir: East; Behavior: Moderate travel	Total 75 — 0 Calves at sighting
Excellent	10%	1	Sharp / 3	10	10:27:00 PST	18:27-GMT V Fish Commercial-Lobster/Crab-- • Ocean Pearl Position: 119° / 2260 m Dir: West	1 vessel
Excellent	10%	2	Sharp / 3	11	10:57:00 PST	18:57-GMT V Airship--Helicopter- • Position: 174° / 1000 m Dir: East	1 vessel
Excellent	10%	2	Sharp / 3	12	11:04:00 PST	19:04-GMT V Kelp harvester--- • Ocean Rose Position: 222° / 550 m Dir: East	1 vessel
Excellent	10%	2	Sharp / 3	13	11:05:00 PST	19:05-GMT V Oil services-Crew boat-- • Position: 253° / 3088 m Dir: South	1 vessel
Excellent	10%	1	Sharp / 3	14	11:14:00 PST	19:14-GMT V Fish Commercial-Line-- • FG06805 Position: 101° / 1331 m Dir: No direction	1 vessel
Excellent	10%	1	Sharp / 3	15	11:31:00 PST	19:31-GMT SP Pv Harbor seal Position: 229° / 212 m Dir: No direction; Behavior: in surf zone • Slow travel	Total 1 — 0 Pups at sighting
Excellent	10%	1	Sharp / 3	16	11:49:00 PST	19:49-GMT SD Tt Bottlenose dolphin Position: 220° / 314 m Dir: East; Behavior: Slow travel	Total 7 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Excellent	10%	1	Sharp / 3	17	11:58:00 PST SD	19:58-GMT D sp Common dolphin species Position: 232° / 3528 m Dir: East; Behavior: Foraging	Total 50 — 0 Calves at sighting
Excellent	10%	1	Sharp / 3	18	11:58:00 PST V	19:58-GMT Airship--Helicopter- ● Position: 174° / 600 m Dir: ni	1 vessel
Excellent	10%	1	Sharp / 3	19	12:15:00 PST SD	20:15-GMT Images: 6284-6297 D sp Common dolphin species Position: 247° / 1331 m Dir: East; Behavior: Moderate travel	Total 1500 — 0 Calves at sighting
Excellent	10%	1	Sharp / 3	20	12:37:00 PST V	20:37-GMT Enforcement---Harbor Patrol ● Position: 187° / 1922 m Dir: West	1 vessel
Excellent	10%	1	Sharp / 3	21	12:39:00 PST SP	20:39-GMT Pv Harbor seal Position: 202° / 242 m Dir: West; Behavior: Slow travel	Total 2 — 0 Pups at sighting
Excellent	10%	1	Sharp / 3	22	13:00:00 PST SP	21:00-GMT Pv Harbor seal Position: 184° / 253 m Dir: East; Behavior: in kelp ● Slow travel	Total 1 — 0 Pups at sighting
Excellent	10%	1	Sharp / 3	23	13:04:00 PST SD	21:04-GMT Tt Bottlenose dolphin Position: 126° / 528 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Excellent	10%	1	Sharp / 3	24	13:24:00 PST S	21:24-GMT Er Gray whale (northbound) Position: 151° / 3528 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Excellent	10%	3	Sharp / 3	25	13:30:00 PST V	21:30-GMT Enforcement---Harbor Patrol ● Position: 175° / 1106 m Dir: East	1 vessel
Excellent	10%	3	Sharp / 3	26	13:52:00 PST SD	21:52-GMT Tt Bottlenose dolphin Position: 123° / 471 m Dir: West; Behavior: Slow travel	Total 8 — 1 Calf at sighting
Excellent	10%	0	Sharp / 3	27	14:40:00 PST V	22:40-GMT Oil services-Crew boat-- ● Position: 289° / 3528 m Dir: South	1 vessel
Good	10%	2	Sharp / 3	28	15:09:00 PST SD	23:09-GMT Tt Bottlenose dolphin Position: 184° / 388 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	10%	2	Sharp / 3	29	15:20:00 PST SP	23:20-GMT Pv Harbor seal Position: 167° / 287 m Dir: No direction; Behavior: in kelp ● Dive	Total 1 — 0 Pups at sighting
Good	10%	2	Fuzzy / 3	30	15:30:00 PST V	23:30-GMT Airship--Helicopter- ● SBOP Position: 174° / 300 m Dir: ni	1 vessel
Good	10%	2	Fuzzy / 3	31	15:43:00 PST SP	23:43-GMT Pv Harbor seal Position: 101° / 827 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	10%	2	Fuzzy / 3	32	15:53:00 PST SP	23:53-GMT Pv Harbor seal Position: 267° / 269 m Dir: No direction; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair	10%	2	Fuzzy / 3	33	15:53:00 PST SD	23:53-GMT Tt Bottlenose dolphin Position: 263° / 400 m Dir: East; Behavior: Slow travel	Total 6 — 1 Calf at sighting
Fair	10%	2	Fuzzy / 3	34	15:56:00 PST SD	23:56-GMT Tt Bottlenose dolphin Position: 129° / 455 m Dir: East; Behavior: Milling	Total 4 — 0 Calves at sighting
Fair	10%	2	Fuzzy / 3	35	16:01:00 PST V	0:01; 2/17/2012-GMT Oil services-Crew boat-- ● Position: 291° / 3528 m Dir: South	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	10%	2	Fuzzy / 3	36	16:06:00 PST V	0:06; 2/17/2012-GMT Fish Commercial-Net-- ● Cecilia 26218 Position: 154° / 1331 m Dir: East 1 vessel
Fair	10%	2	Fuzzy / 3	37	16:42:00 PST SP	0:42; 2/17/2012-GMT Pv Harbor seal Position: 121° / 280 m Dir: No direction; Behavior: in surf zone Total 2 — 0 Pups at sighting
Fair	10%	2	Fuzzy / 3	38	16:42:00 PST SP	0:42; 2/17/2012-GMT Pv Harbor seal Position: 107° / 539 m Dir: No direction; Behavior: in kelp Total 1 — 0 Pups at sighting
Fair	10%	2	Fuzzy / 3	39	16:47:00 PST SD	0:47; 2/17/2012-GMT Tt Bottlenose dolphin Position: 141° / 489 m Dir: East; Behavior: Slow travel Total 3 — 0 Calves at sighting
Fair	10%	2	Fuzzy / 3	40	16:49:00 PST SP	0:49; 2/17/2012-GMT Pv Harbor seal Position: 150° / 338 m Dir: No direction; Behavior: in open water Total 1 — 0 Pups at sighting

Feb 17 Day 5 of 98

CCvr	Bft	Horizon - Viz				
Fair	90%	0	Fuzzy / 3	01	9:12:00 PST SD	17:12-GMT Tt Bottlenose dolphin Position: 185° / 300 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	90%	0	Fuzzy / 3	02	9:14:00 PST SP	17:14-GMT Pv Harbor seal Position: 194° / 223 m Dir: East; Behavior: in surf zone Total 2 — 0 Pups at sighting
Fair	90%	0	Fuzzy / 3	03	9:57:00 PST SP	17:57-GMT Pv Harbor seal Position: 170° / 220 m Dir: No direction; Behavior: in surf zone Total 1 — 0 Pups at sighting
Fair	90%	0	Fuzzy / 3	04	10:02:00 PST V	18:02-GMT Airship--Helicopter- ● Position: 174° / 200 m Dir: East 1 vessel
Fair	90%	0	Fuzzy / 3	05	10:06:00 PST V	18:06-GMT Private-Sportfishing-- ● Position: 112° / 1331 m Dir: West 1 vessel
Fair	90%	0	Fuzzy / 3	06	10:13:00 PST V	18:13-GMT Airship--Helicopter- ● Position: 174° / 200 m Dir: West 1 vessel
Fair	90%	0	Fuzzy / 3	07	10:35:00 PST S	18:35-GMT Er Gray whale (northbound) Position: 180° / 735 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	90%	1	Fuzzy / 3	08	10:59:00 PST V	18:59-GMT Kelp harvester--- ● Ocean Rose Position: 274° / 661 m Dir: East 1 vessel
Fair	90%	1	Fuzzy / 3	09	11:08:00 PST V	19:08-GMT Enforcement---Harbor Patrol ● Position: 222° / 1106 m Dir: East 1 vessel
Fair	90%	1	Fuzzy / 3	10	11:15:00 PST SW	19:15-GMT Er Gray whale (southbound) Position: 188° / 913 m Dir: East; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	90%	1	Fuzzy / 3	11	11:20:00 PST V	19:20-GMT Fish Commercial-Lobster/Crab-- ● 07273-21605 Position: 107° / 1922 m Dir: West 1 vessel
Fair	90%	1	Fuzzy / 3	12	11:42:00 PST V	19:42-GMT Oil services-Crew boat-- ● Position: 266° / 3528 m Dir: South 1 vessel
Fair	90%	1	Fuzzy / 3	13	11:48:00 PST V	19:48-GMT Private-Sportfishing-Boston Whaler- ● CF Position: 286° / 1483 m Dir: East 1 vessel
Fair	80%	1	Fuzzy / 3	14	12:18:00 PST SD	20:18-GMT Tt Bottlenose dolphin Position: 132° / 539 m Dir: West; Behavior: Slow travel Total 7 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	80%	1	Fuzzy / 3	15	12:29:00 PST SD	20:29-GMT Tt Bottlenose dolphin Position: 114° / 946 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair	80%	1	Fuzzy / 3	16	12:43:00 PST V	20:43-GMT Touring-Whale watching-- • Condor Express Position: 116° / 13138 m Dir: West	1 vessel
Fair	80%	1	Fuzzy / 3	17	12:46:00 PST SP	20:46-GMT Pv Harbor seal Position: 115° / 913 m Dir: No direction; Behavior: Dive	Total 2 — 0 Pups at sighting
Fair	80%	1	Fuzzy / 3	18	13:16:00 PST V	21:16-GMT Fish Commercial--- • Position: 245° / 2260 m Dir: East	1 vessel
Fair	80%	1	Fuzzy / 3	19	13:36:00 PST SP	21:36-GMT Pv Harbor seal Position: 117° / 471 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	80%	1	Fuzzy / 3	20	14:25:00 PST V	22:25-GMT Fish Commercial--- • Cecilia 26218 Position: 264° / 827 m Dir: East	1 vessel
Fair	80%	1	Fuzzy / 3	21	14:31:00 PST V	22:31-GMT Private--- • Position: 294° / 827 m Dir: East	1 vessel
Fair	80%	1	Fuzzy / 3	22	14:33:00 PST V	22:33-GMT Oil services-Crew boat-- • Position: 286° / 3088 m Dir: South	1 vessel
Fair	80%	1	Fuzzy / 3	23	15:18:00 PST V	23:18-GMT Fish Commercial-Lobster/Crab-- • L13127 Position: 229° / 1674 m Dir: East	1 vessel
Fair	40%	1	Sharp / 3	24	16:03:00 PST V	0:03; 2/18/2012-GMT Airship--Helicopter- • SBOP Position: 174° / 200 m Dir: West	1 vessel
Fair	40%	1	Sharp / 3	25	16:18:00 PST SP	0:18; 2/18/2012-GMT Pv Harbor seal Position: 132° / 269 m Dir: East; Behavior: Dive • in kelp • in surf zone	Total 1 — 0 Pups at sighting

Feb 18 Day 6 of 98

CCvr	Bft	Horizon - Viz		Time	Species / Vessel Type		
Fair	20%	2	Fuzzy / 2	01	9:42:00 PST SP	17:42-GMT Pv Harbor seal Position: 156° / 220 m Dir: East; Behavior: Slow travel • in kelp	Total 1 — 0 Pups at sighting
Fair	10%	3	Fuzzy / 2	02	11:28:00 PST V	19:28-GMT Private--Sailboat- • USA 0626 Position: 159° / 3088 m Dir: West	1 vessel
Fair	10%	2	Fuzzy / 2	03	12:07:00 PST SD	20:07-GMT Tt Bottlenose dolphin Position: 115° / 1483 m Dir: West; Behavior: Moderate travel • Foraging	Total 10 — 0 Calves at sighting
Fair	10%	2	Fuzzy / 2	04	12:38:00 PST SP	20:38-GMT Pv Harbor seal Position: 123° / 264 m Dir: No direction; Behavior: in kelp • in surf zone	Total 1 — 0 Pups at sighting
Fair	10%	0	Fuzzy / 2	05	13:07:00 PST SD	21:07-GMT Tt Bottlenose dolphin Position: 137° / 280 m Dir: West; Behavior: Moderate travel	Total 3 — 1 Calf at sighting
Fair	90%	0	Fuzzy / 2	06	13:32:00 PST V	21:32-GMT Private-Cruising-- • Position: 108° / 3088 m Dir: West	1 vessel
Fair	90%	0	Fuzzy / 2	07	13:34:00 PST SD	21:34-GMT Tt Bottlenose dolphin Position: 140° / 382 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	90%	0	Fuzzy / 2	08	13:47:00 PST V	21:47-GMT Fish Commercial-Lobster/Crab-- • L726081 Position: 222° / 778 m Dir: East	1 vessel

2012 All Sighting Numbers, raw

Sighting Number	Time Code	Species / Vessel Type	
Fair 90% 0 Fuzzy / 2	09 14:15:00 PST	Tt Bottlenose dolphin Position: 129° / 471 m Dir: No direction; Behavior: Milling	Total 3 — 0 Calves at sighting
Fair 90% 0 Fuzzy / 2	10 14:21:00 PST	Tt Bottlenose dolphin Position: 212° / 388 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 90% 0 Fuzzy / 2	11 14:23:00 PST	D sp Common dolphin species Position: 170° / 2749 m Dir: West; Behavior: Moderate travel • Parade Line	Total 150 — 0 Calves at sighting
Fair 70% 0 Fuzzy / 2	12 14:37:00 PST	Tt Bottlenose dolphin Position: 245° / 550 m Dir: East; Behavior: Slow travel • Foraging • Moderate travel	Total 5 — 0 Calves at sighting
Fair 90% 0 Fuzzy / 2	13 14:57:00 PST	V Fish Commercial-Lobster/Crab-- • Kaylee J Position: 250° / 1403 m Dir: East	1 vessel
Poor 90% 0 Fuzzy / 2	14 15:16:00 PST	V Airship--Helicopter- • Position: 174° / 300 m Dir: East	1 vessel
Poor 90% 0 Fuzzy / 2	15 15:26:00 PST	V Airship--Helicopter- • SBOP Position: 174° / 150 m Dir: West	1 vessel
Poor 90% 0 Fuzzy / 2	16 15:29:00 PST	SD Tt Bottlenose dolphin Position: 191° / 539 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 40% 0 Fuzzy / 2	17 16:23:00 PST	SD Tt Bottlenose dolphin Position: 119° / 913 m Dir: West; Behavior: Milling	Total 3 — 0 Calves at sighting
Fair 40% 0 Fuzzy / 2	18 16:39:00 PST	SD Tt Bottlenose dolphin Position: 125° / 1208 m Dir: West; Behavior: Slow travel	Total 7 — 0 Calves at sighting
Fair 40% 0 Fuzzy / 2	19 16:42:00 PST	SP Pv Harbor seal Position: 133° / 883 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting

Feb 19 Day 7 of 98

CCvr	Bft	Horizon - Viz	Sighting Number	Time Code	Species / Vessel Type	
Fair	10%	2	Fuzzy / 3	01 9:19:00 PST	SW ULW unidentified large whale Position: 286° / 5027 m Dir: West; Behavior: No direction	Total 2 — 0 Calves at sighting
Fair	10%	3	Fuzzy / 3	02 9:20:00 PST	SD Tt Bottlenose dolphin Position: 155° / 382 m Dir: East; Behavior: Moderate travel	Total 2 — 0 Calves at sighting
Fair	10%	3	Fuzzy / 3	03 9:58:00 PST	SP Pv Harbor seal Position: 188° / 183 m Dir: East; Behavior: in surf zone • Slow travel	Total 1 — 0 Pups at sighting
Fair	10%	3	Fuzzy / 3	04 10:20:00 PST	SP Pv Harbor seal Position: 103° / 678 m Dir: No direction; Behavior: in kelp	Total 5 — 0 Pups at sighting
Fair	10%	3	Fuzzy / 3	05 10:26:00 PST	SP Pv Harbor seal Position: 230° / 204 m Dir: No direction; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair	30%	3	Fuzzy / 3	06 12:19:00 PST	S Er Gray whale (northbound) Position: 247° / 2260 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	30%	3	Fuzzy / 3	07 12:33:00 PST	V Private-Cruising-- • Guilty Position: 114° / 2749 m Dir: West	1 vessel
Fair	50%	3	Fuzzy / 3	08 12:35:00 PST	SD Tt Bottlenose dolphin Position: 121° / 366 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	60%	3	Fuzzy / 3	09 13:14:00 PST	21:14-GMT S Er Gray whale (northbound) Position: 128° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	60%	3	Fuzzy / 3	10 13:16:00 PST	21:16-GMT V Touring-Whale watching-- ● Position: 130° / 3088 m Dir: West	1 vessel
Fair	60%	4	Fuzzy / 3	11 13:38:00 PST	21:38-GMT V Private-Cruising-- ● Position: 253° / 946 m Dir: East	1 vessel
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Feb 20 Day 8 of 98						
	CCvr	Bft	Horizon - Viz			
Fair	30%	1	Fuzzy / 2	01 9:00:00 PST	17:00-GMT SD Tt Bottlenose dolphin Position: 232° / 489 m Dir: East	Total 4 — 0 Calves at sighting
Fair	30%	1	Fuzzy / 2	02 9:17:00 PST	17:17-GMT V Oil services-Crew boat-- ● Position: 276° / 3528 m Dir: South	1 vessel
Fair	30%	1	Fuzzy / 2	03 9:40:00 PST	17:40-GMT SP Pv Harbor seal Position: 174° / 178 m Dir: East; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair	30%	1	Fuzzy / 2	04 9:46:00 PST	17:46-GMT SP Pv Harbor seal Position: 204° / 188 m Dir: East; Behavior: in kelp	Total 3 — 0 Pups at sighting
Fair	30%	1	Fuzzy / 2	05 9:49:00 PST	17:49-GMT V Airship--Helicopter- ● Position: 174° / 150 m Dir: West	1 vessel
Fair	30%	1	Fuzzy / 2	06 9:51:00 PST	17:51-GMT SP Pv Harbor seal Position: 125° / 338 m Dir: East; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	30%	1	Fuzzy / 2	07 9:53:00 PST	17:53-GMT SP Pv Harbor seal Position: 121° / 489 m Dir: North; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	30%	2	Fuzzy / 2	08 9:56:00 PST	17:56-GMT SP Pv Harbor seal Position: 122° / 412 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	30%	2	Fuzzy / 2	09 10:14:00 PST	18:14-GMT SP Pv Harbor seal Position: 130° / 330 m Dir: No direction; Behavior: Dive	Total 1 — 0 Pups at sighting
Fair	30%	2	Fuzzy / 2	10 10:19:00 PST	18:19-GMT SP Pv Harbor seal Position: 129° / 356 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	30%	2	Fuzzy / 2	11 10:24:00 PST	18:24-GMT V Touring-Whale watching-- ● Condor Express Position: 203° / 2749 m Dir: West	1 vessel
Fair	30%	2	Fuzzy / 2	12 10:34:00 PST	18:34-GMT V Oil services-Crew boat-- ● Position: 264° / 3528 m Dir: South	1 vessel
Fair	30%	2	Fuzzy / 2	13 10:51:00 PST	18:51-GMT SP Pv Harbor seal Position: 218° / 220 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	30%	2	Fuzzy / 2	14 11:03:00 PST	19:03-GMT V Kelp harvester--- ● Ocean Rose Position: 280° / 1106 m Dir: East	1 vessel
Fair	30%	2	Fuzzy / 2	15 11:22:00 PST	19:22-GMT SP Pv Harbor seal Position: 233° / 188 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	30%	2	Fuzzy / 2	16 11:46:00 PST	19:46-GMT SP Pv Harbor seal Position: 117° / 539 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
CCvr	Bft	Horizon	Viz	Code		
Good	20%	2	Fuzzy / 2	17 12:26:00 PST	20:26-GMT SD D sp Common dolphin species Position: 250° / 1106 m Dir: East; Behavior: Moderate travel • Foraging	Total 500 — 0 Calves at sighting
Good	30%	0	Fuzzy / 3	18 13:14:00 PST	21:14-GMT SD D sp Common dolphin species Position: 184° / 2260 m Dir: East; Behavior: Moderate travel • Foraging • Leap	Total 25 — 0 Calves at sighting
Good	30%	2	Fuzzy / 3	19 14:06:00 PST	22:06-GMT V Fish Commercial-Lobster/Crab-- • L13127 Position: 244° / 1403 m Dir: East	1 vessel
Good	30%	2	Fuzzy / 3	20 14:43:00 PST	22:43-GMT V Oil services-Crew boat-- • Position: 256° / 3088 m Dir: South	1 vessel
Good	30%	2	Fuzzy / 3	21 15:24:00 PST	23:24-GMT V Oil services-Crew boat-- • Position: 274° / 3528 m Dir: South	1 vessel
Good	30%	2	Fuzzy / 3	22 15:31:00 PST	23:31-GMT V Airship--Helicopter- • SBOP Position: 174° / 300 m Dir: West	1 vessel
Good	30%	2	Fuzzy / 3	23 15:59:00 PST	23:59-GMT SP Pv Harbor seal Position: 104° / 778 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good	30%	2	Fuzzy / 3	24 16:10:00 PST	0:10; 2/21/2012-GMT V Airship--Helicopter- • SBOP Position: 174° / 200 m Dir: West	1 vessel
Good	30%	2	Fuzzy / 3	25 16:16:00 PST	0:16; 2/21/2012-GMT V Oil services-Crew boat-- • Position: 277° / 3528 m Dir: North	1 vessel
Fair	30%	2	Fuzzy / 3	26 16:50:00 PST	0:50; 2/21/2012-GMT V Research--RHIB- • Position: 106° / 2749 m Dir: North	1 vessel
Fair	30%	2	Fuzzy / 3	27 16:53:00 PST	0:53; 2/21/2012-GMT V Oil services-Crew boat-- • Position: 290° / 3528 m Dir: South	1 vessel

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CCvr	Bft	Horizon	Viz	Sighting Number	Time	Species / Vessel Type	
Good	70%	0	Fuzzy / 2	01	9:05:00 PST	17:05-GMT SD Tt Bottlenose dolphin Position: 218° / 314 m Dir: East; Behavior: Slow travel	Total 7 — 0 Calves at sighting
Good	70%	0	Fuzzy / 2	02	9:09:00 PST	17:09-GMT V Oil services-Barge+Tug-- • Tug- Pacific Falcon, Position: 216° / 1922 m Dir: East	1 vessel
Good	70%	0	Fuzzy / 2	03	9:14:00 PST	17:14-GMT V Oil services-Tug (little)-- • Delilah 567189 Position: 221° / 2260 m Dir: West	1 vessel
Good	70%	0	Fuzzy / 2	04	9:14:00 PST	17:14-GMT SD Tt Bottlenose dolphin Position: 179° / 242 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	70%	0	Fuzzy / 2	05	9:20:00 PST	17:20-GMT SD Tt Bottlenose dolphin Position: 251° / 221 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good	70%	0	Fuzzy / 2	06	9:23:00 PST	17:23-GMT SP Pv Harbor seal Position: 230° / 244 m Dir: East; Behavior: in kelp • in surf zone	Total 1 — 0 Pups at sighting
Good	70%	0	Fuzzy / 2	07	9:45:00 PST	17:45-GMT V Fish Commercial-Line-- • FG06805 Position: 177° / 778 m Dir: West	1 vessel
Good	70%	0	Fuzzy / 2	08	9:47:00 PST	17:47-GMT SD Tt Bottlenose dolphin Position: 207° / 266 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
CCvr	Bft	Horizon	Viz	Code		
Good	70%	0	Fuzzy / 2	09 9:54:00 PST	17:54-GMT SP Pv Harbor seal Position: 166° / 253 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good	70%	0	Fuzzy / 2	10 9:56:00 PST	17:56-GMT SP Pv Harbor seal Position: 124° / 356 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good	70%	0	Fuzzy / 2	11 10:14:00 PST	18:14-GMT SP Pv Harbor seal Position: 178° / 204 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good	70%	0	Fuzzy / 2	12 10:14:00 PST	18:14-GMT V Oil services-Crew boat-- ● Position: 279° / 3528 m Dir: South	1 vessel
Good	70%	0	Fuzzy / 2	13 10:25:00 PST	18:25-GMT SP Pv Harbor seal Position: 207° / 204 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good	70%	1	Fuzzy / 2	14 10:29:00 PST	18:29-GMT SP Pv Harbor seal Position: 129° / 204 m Dir: East; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good	70%	1	Fuzzy / 2	15 10:34:00 PST	18:34-GMT V Oil services-Obsevation-- ● L27574 Position: 110° / 3088 m Dir: West	1 vessel
Good	80%	1	Fuzzy / 2	16 11:14:00 PST	19:14-GMT S Er Gray whale (northbound) Position: 145° / 13138 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	80%	1	Fuzzy / 2	17 11:49:00 PST	19:49-GMT V Oil services-Crew boat-- ● Position: 271° / 3088 m Dir: South	1 vessel
Good	80%	1	Fuzzy / 2	18 12:07:00 PST	20:07-GMT V Airship--Helicopter- ● SBOP Position: 174° / 200 m Dir: West	1 vessel
Good	80%	1	Fuzzy / 2	19 12:39:00 PST	20:39-GMT V Touring-Whale watching-- ● Condor Express Position: 189° / 3088 m Dir: West	1 vessel
Good	80%	1	Fuzzy / 2	20 13:10:00 PST	21:10-GMT V Airship--Helicopter- ● Position: 174° / 300 m Dir: West	1 vessel
Fair	90%	1	Fuzzy / 2	21 14:22:00 PST	22:22-GMT V Fish Commercial-Urchin Diving-- ● 4431NW Position: 128° / 1922 m Dir: West	1 vessel
Fair	90%	1	Fuzzy / 2	22 14:50:00 PST	22:50-GMT V Airship--Airplane- ● Position: 174° / 100 m Dir: West	1 vessel
Fair	100	2	Fuzzy / 2	23 15:19:00 PST	23:19-GMT SD Tt Bottlenose dolphin Position: 178° / 388 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	100	2	Fuzzy / 2	24 15:34:00 PST	23:34-GMT V Airship--Helicopter- ● SBOP Position: 174° / 100 m Dir: West	1 vessel
Poor	100	2	Fuzzy / 2	25 16:39:00 PST	0:39; 2/22/2012-GMT SP Pv Harbor seal Position: 183° / 191 m Dir: No direction; Behavior: in kelp ● in surf zone	Total 1 — 0 Pups at sighting

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Good	20%	1	Fuzzy / 2	01 9:07:00 PST	17:07-GMT V Oil services-Barge+Tug-- ● Olympic Spirit and Position: 283° / 1106 m Dir: No direction	1 vessel
Good	20%	1	Fuzzy / 2	02 9:13:00 PST	17:13-GMT V Oil services-Obsevation-- ● L27574 Position: 289° / 1922 m Dir: No direction	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Good	20%	1	Fuzzy / 2	03 9:18:00 PST	17:18-GMT Pv Harbor seal	Total 1 — 0 Pups at sighting
				SP	Position: 160° / 183 m Dir: No direction; Behavior: in surf zone • Dive	
Good	20%	1	Fuzzy / 2	04 9:31:00 PST	17:31-GMT Oil services-Tug (little)-- • Delilah L44430	1 vessel
				V	Position: 277° / 1922 m Dir: No direction	
Good	20%	1	Fuzzy / 2	05 9:33:00 PST	17:33-GMT Oil services-Crew boat-- •	1 vessel
				V	Position: 280° / 3528 m Dir: North	
Good	20%	1	Fuzzy / 2	06 9:39:00 PST	17:39-GMT Pv Harbor seal	Total 1 — 0 Pups at sighting
				SP	Position: 188° / 183 m Dir: No direction; Behavior: in surf zone • Dive	
Good	10%	1	Fuzzy / 2	07 10:04:00 PST	18:04-GMT Pv Harbor seal	Total 1 — 0 Pups at sighting
				SP	Position: 241° / 212 m Dir: West; Behavior: Slow travel	
Good	10%	1	Fuzzy / 2	08 10:11:00 PST	18:11-GMT Pv Harbor seal	Total 1 — 0 Pups at sighting
				SP	Position: 160° / 1106 m Dir: No direction; Behavior: in open water	
Good	10%	1	Fuzzy / 2	09 10:12:00 PST	18:12-GMT Enforcement---Harbor Patrol •	1 vessel
				V	Position: 125° / 1922 m Dir: West	
Good	10%	1	Fuzzy / 2	10 10:17:00 PST	18:17-GMT D sp Common dolphin species	Total 200 — 0 Calves at sighting
				SD	Position: 223° / 1331 m Dir: East; Behavior: Moderate travel • Foraging	
Good	10%	1	Fuzzy / 2	11 10:27:00 PST	18:27-GMT Pv Harbor seal	Total 1 — 0 Pups at sighting
				SP	Position: 164° / 330 m Dir: No direction; Behavior: in kelp	
Good	10%	1	Fuzzy / 2	12 10:31:00 PST	18:31-GMT Pv Harbor seal	Total 1 — 0 Pups at sighting
				SP	Position: 176° / 212 m Dir: No direction; Behavior: Slow travel	
Good	10%	1	Fuzzy / 2	13 11:11:00 PST	19:11-GMT Pv Harbor seal	Total 1 — 0 Pups at sighting
				SP	Position: 168° / 280 m Dir: No direction; Behavior: in kelp • Dive	
Good	10%	1	Fuzzy / 2	14 11:16:00 PST	19:16-GMT Pv Harbor seal	Total 1 — 0 Pups at sighting
				SP	Position: 212° / 191 m Dir: No direction; Behavior: Slow travel • in kelp	
Good	10%	1	Fuzzy / 2	15 11:18:00 PST	19:18-GMT Airship--Helicopter- • SBOP	1 vessel
				V	Position: 174° / 100 m Dir: East	
Good	30%	1	Fuzzy / 2	16 11:41:00 PST	19:41-GMT Oil services-Crew boat-- •	1 vessel
				V	Position: 251° / 3528 m Dir: South	
Good	30%	1	Fuzzy / 2	17 11:42:00 PST	19:42-GMT Oil services-Crew boat-- •	1 vessel
				V	Position: 272° / 3528 m Dir: South	
Good	30%	1	Fuzzy / 2	18 12:05:00 PST	20:05-GMT Airship--Helicopter- • SBOP	1 vessel
				V	Position: 174° / 200 m Dir: West	
Good	30%	1	Fuzzy / 2	19 12:12:00 PST	20:12-GMT Pv Harbor seal	Total 1 — 0 Pups at sighting
				SP	Position: 141° / 508 m Dir: No direction; Behavior: Slow travel • in open water	
Good	30%	0	Fuzzy / 2	20 12:40:00 PST	20:40-GMT Pv Harbor seal	Total 1 — 0 Pups at sighting
				SP	Position: 263° / 212 m Dir: No direction; Behavior: Slow travel • Dive	
Good	30%	0	Fuzzy / 2	21 12:43:00 PST	20:43-GMT Fish Commercial-Urchin Diving-- • 443NW	1 vessel
				V	Position: 248° / 2260 m Dir: East	

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
Good	30%	0	Fuzzy / 2	Code		
Good	30%	0	Fuzzy / 2	22 12:56:00 PST	20:56-GMT V Research-Diving--UCSB • Position: 246° / 913 m Dir: East	1 vessel
Good	30%	0	Fuzzy / 2	23 13:23:00 PST	21:23-GMT V Oil services-Crew boat-- • Position: 274° / 3528 m Dir: South	1 vessel
Good	30%	0	Fuzzy / 2	24 13:38:00 PST	21:38-GMT V Private--- • Guilty Position: 165° / 1674 m Dir: West	1 vessel
Good	30%	0	Fuzzy / 2	25 13:40:00 PST	21:40-GMT V Research-Diving--UCSB • Position: 239° / 528 m Dir: East	1 vessel
Good	30%	0	Fuzzy / 2	26 14:06:00 PST	22:06-GMT S Er Gray whale (northbound) Position: 207° / 1674 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Good	30%	0	Fuzzy / 2	27 14:40:00 PST	22:40-GMT V Fish Commercial-Lobster/Crab-- • L13127 Position: 220° / 1331 m Dir: East	1 vessel
Good	30%	0	Fuzzy / 2	28 15:52:00 PST	23:52-GMT V Airship--Helicopter- • SBOP Position: 174° / 250 m Dir: West	1 vessel
Good	30%	0	Fuzzy / 2	29 15:58:00 PST	23:58-GMT SD Tt Bottlenose dolphin Position: 117° / 412 m Dir: West; Behavior: Milling • Slow travel	Total 3 — 0 Calves at sighting
Good	30%	0	Fuzzy / 2	30 16:02:00 PST	0:02; 2/23/2012-GMT V Fish Commercial-Net-- • New Hazard Position: 233° / 1403 m Dir: East	1 vessel
Fair	80%	0	Fuzzy / 3	31 16:04:00 PST	0:04; 2/23/2012-GMT V Fish Commercial-Lobster/Crab-- • L7216 Position: 219° / 600 m Dir: East	1 vessel
Fair	80%	0	Fuzzy / 3	32 16:25:00 PST	0:25; 2/23/2012-GMT S Er Gray whale (northbound) Position: 204° / 1922 m Dir: West; Behavior: Slow travel • Breach	Total 2 — 0 Calves at sighting
Fair	80%	0	Fuzzy / 3	33 16:32:00 PST	0:32; 2/23/2012-GMT SD Tt Bottlenose dolphin Position: 248° / 296 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	80%	0	Fuzzy / 3	34 16:34:00 PST	0:34; 2/23/2012-GMT V Oil services-Crew boat-- • Position: 278° / 5027 m Dir: West	1 vessel
Fair	80%	0	Fuzzy / 3	35 16:51:00 PST	0:51; 2/23/2012-GMT SD D sp Common dolphin species Position: 126° / 2749 m Dir: West; Behavior: Moderate travel	Total 40 — 0 Calves at sighting

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CCvr	Bft	Horizon	Viz			
Fair	10%	2	Fuzzy / 3	01 9:11:00 PST	17:11-GMT V Oil services-Crew boat-- • Position: 262° / 3088 m Dir: South	1 vessel
Fair	10%	2	Fuzzy / 3	02 9:25:00 PST	17:25-GMT SP Pv Harbor seal Position: 142° / 322 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	10%	2	Fuzzy / 3	03 9:27:00 PST	17:27-GMT V Private-Diving-RHIB- • 6432 Position: 113° / 1331 m Dir: West	1 vessel
Fair	10%	2	Fuzzy / 3	04 9:35:00 PST	17:35-GMT SP Pv Harbor seal Position: 151° / 528 m Dir: East; Behavior: Slow travel • in kelp	Total 2 — 0 Pups at sighting
Fair	10%	2	Fuzzy / 3	05 10:14:00 PST	18:14-GMT V Airship--Helicopter- • N618AC Position: 174° / 250 m Dir: ni	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	10%	2	Fuzzy / 3	06	10:18:00 PST S	18:18-GMT Er Gray whale (northbound) Position: 222° / 1208 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	10%	2	Fuzzy / 3	07	10:33:00 PST V	18:33-GMT Oil services-Crew boat-- ● Position: 288° / 3528 m Dir: South	1 vessel
Fair	10%	2	Fuzzy / 3	08	10:39:00 PST SD	18:39-GMT D sp Common dolphin species Position: 180° / 2749 m Dir: East; Behavior: Fast travel ● Leap	Total 100 — 0 Calves at sighting
Fair	10%	2	Fuzzy / 3	09	10:54:00 PST V	18:54-GMT Oil services-Crew boat-- ● Position: 288° / 3528 m Dir: South	1 vessel
Fair	10%	2	Fuzzy / 3	10	11:13:00 PST V	19:13-GMT Research-Diving--UCSB ● Position: 96° / 2260 m Dir: West	1 vessel
Fair	10%	2	Fuzzy / 3	11	11:19:00 PST V	19:19-GMT Fish Commercial-Lobster/Crab-- ● Ocean Pearl Position: 122° / 2749 m Dir: West	1 vessel
Fair	10%	2	Fuzzy / 3	12	11:27:00 PST V	19:27-GMT Fish Commercial-Lobster/Crab-- ● L72681 Position: 108° / 2260 m Dir: West	1 vessel
Fair	10%	2	Fuzzy / 3	13	11:29:00 PST V	19:29-GMT Enforcement---Harbor Patrol ● Position: 111° / 2749 m Dir: West	1 vessel
Good	10%	1	Fuzzy / 3	14	12:01:00 PST SD	20:01-GMT Tt Bottlenose dolphin Position: 232° / 275 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	10%	1	Fuzzy / 3	15	12:03:00 PST SP	20:03-GMT Pv Harbor seal Position: 166° / 293 m Dir: No direction; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Good	10%	1	Fuzzy / 3	16	12:08:00 PST V	20:08-GMT Fish Commercial-Urchin Diving-- ● 13143 Position: 114° / 2749 m Dir: West	1 vessel
Good	10%	1	Fuzzy / 3	17	12:16:00 PST SP	20:16-GMT Pv Harbor seal Position: 115° / 388 m Dir: North; Behavior: Dive ● in kelp	Total 1 — 0 Pups at sighting
Good	10%	1	Fuzzy / 3	18	12:38:00 PST V	20:38-GMT Oil services-Crew boat-- ● Position: 275° / 3528 m Dir: North	1 vessel
Good	10%	1	Fuzzy / 3	19	12:41:00 PST SP	20:41-GMT Pv Harbor seal Position: 242° / 275 m Dir: No direction; Behavior: Milling ● in kelp	Total 1 — 0 Pups at sighting
Good	10%	1	Fuzzy / 3	20	13:50:00 PST V	21:50-GMT Airship--Helicopter- ● SBOP Position: 174° / 300 m Dir: West	1 vessel
Good	10%	1	Fuzzy / 3	21	14:03:00 PST V	22:03-GMT Airship--Airplane-Military ● 8897 Position: 174° / 200 m Dir: West	1 vessel
Good	10%	0	Fuzzy / 2	22	14:09:00 PST V	22:09-GMT Airship--Airplane-Military ● 8897 Position: 174° / 30 m Dir: West	1 vessel
Good	10%	0	Fuzzy / 2	23	14:23:00 PST V	22:23-GMT Fish Commercial-Urchin Diving-- ● L58039 Position: 116° / 2749 m Dir: West	1 vessel
Good	10%	0	Fuzzy / 2	24	14:26:00 PST SD	22:26-GMT Tt Bottlenose dolphin Position: 117° / 661 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
Good	10%	0	Fuzzy / 2	Code			
Good	10%	0	Fuzzy / 2	25	14:31:00 PST V	22:31-GMT Oil services-Crew boat-- ● Position: 259° / 3088 m Dir: South	1 vessel
Good	10%	0	Fuzzy / 2	26	16:03:00 PST V	0:03; 2/24/2012-GMT Airship--Helicopter- ● SBOP Position: 174° / 300 m Dir: West	1 vessel
Good	10%	0	Fuzzy / 2	27	16:15:00 PST V	0:15; 2/24/2012-GMT Fish Commercial-Urchin Diving-- ● 40850 Position: 112° / 1331 m Dir: West	1 vessel
Good	10%	0	Fuzzy / 2	28	16:37:00 PST V	0:37; 2/24/2012-GMT Oil services-Crew boat-- ● Position: 275° / 3528 m Dir: South	1 vessel
Feb 24 Day 12 of 98							
	CCvr	Bft	Horizon - Viz				
Poor	100	2	NV / 1.7	01	9:39:00 PST V	17:39-GMT Research-Diving--UCSB ● Position: 266° / 1331 m Dir: No direction	1 vessel
Poor	30%	2	NV / 1.7	02	10:14:00 PST S	18:14-GMT Er Gray whale (northbound) Position: 110° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	30%	2	NV / 1.7	03	10:48:00 PST V	18:48-GMT Oil services-Crew boat-- ● Position: 279° / 3528 m Dir: South	1 vessel
Poor	30%	2	NV / 1.7	04	11:02:00 PST V	19:02-GMT Images: 5906-5911 Airship--Airplane- ● N5473N Position: 174° / 80 m Dir: East	1 vessel
Poor	50%	3	NV / 1.7	05	12:04:00 PST V	20:04-GMT Oil services-Crew boat-- ● Position: 286° / 3528 m Dir: South	1 vessel
Poor	50%	3	NV / 1.7	06	12:08:00 PST SD	20:08-GMT Tt Bottlenose dolphin Position: 126° / 600 m Dir: West; Behavior: Slow travel ● Milling	Total 5 — 0 Calves at sighting
Poor	60%	3	NV / 1.7	07	12:33:00 PST V	20:33-GMT Oil services-Crew boat-- ● Position: 146° / 3528 m Dir: West	1 vessel
Poor	60%	3	NV / 1.7	08	12:41:00 PST SD	20:41-GMT Tt Bottlenose dolphin Position: 136° / 600 m Dir: North; Behavior: Slow travel ● Milling	Total 2 — 0 Calves at sighting
Poor	60%	3	NV / 1.7	09	13:09:00 PST SD	21:09-GMT Tt Bottlenose dolphin Position: 167° / 314 m Dir: West; Behavior: Slow travel ● Milling	Total 5 — 0 Calves at sighting
Fair	80%	1	NV / 1	OFF-EFFORT 10	14:45:00 PST V	22:45-GMT Oil services-Crew boat-- ● Position: 285° / 3528 m Dir: South	1 vessel
Fair	80%	1	NV / 1	OFF-EFFORT 11	14:46:00 PST SD	22:46-GMT Tt Bottlenose dolphin Position: 236° / 412 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	80%	1	NV / 1	OFF-EFFORT 12	14:49:00 PST V	22:49-GMT Private-Cruising-- ● Position: 239° / 778 m Dir: East	1 vessel
Fair	90%	1	NV / 1	OFF-EFFORT 13	16:03:00 PST V	0:03; 2/25/2012-GMT Fish Commercial-Urchin Diving-- ● Position: 215° / 3088 m Dir: East	1 vessel
Fair	90%	1	NV / 1	OFF-EFFORT 14	16:11:00 PST V	0:11; 2/25/2012-GMT Fish Commercial-Lobster/Crab-- ● L13127 Position: 254° / 3088 m Dir: East	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
CCvr	Bft	Horizon	Viz	Code			
Feb 25 Day 13 of 98							
Fair	100	1	Fuzzy / 2	01	9:02:00 PST V	17:02-GMT Oil services-Crew boat-- ● Position: 240° / 3088 m Dir: No direction	1 vessel
Fair	100	1	Fuzzy / 2	02	9:08:00 PST SD	17:08-GMT Tt Bottlenose dolphin Position: 270° / 440 m Dir: East; Behavior: Moderate travel	Total 10 — 0 Calves at sighting
Fair	100	1	Fuzzy / 2	03	9:37:00 PST SD	17:37-GMT Tt Bottlenose dolphin Position: 102° / 1483 m Dir: South; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	100	1	Fuzzy / 2	04	9:39:00 PST SD	17:39-GMT Tt Bottlenose dolphin Position: 143° / 216 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	100	1	Fuzzy / 2	05	9:48:00 PST V	17:48-GMT Private--Jet-ski- ● Position: 204° / 244 m Dir: East	2 vessels
Fair	100	1	Fuzzy / 2	06	9:53:00 PST V	17:53-GMT Private-Cruising-- ● Position: 117° / 3088 m Dir: West	1 vessel
Fair	100	1	Fuzzy / 2	07	10:10:00 PST SP	18:10-GMT Pv Harbor seal Position: 152° / 300 m Dir: East; Behavior: Slow travel ● in kelp	Total 1 — 0 Pups at sighting
Fair	100	1	Fuzzy / 2	08	10:14:00 PST SD	18:14-GMT D sp Common dolphin species Position: 246° / 1483 m Dir: East; Behavior: Moderate travel	Total 200 — 0 Calves at sighting
Fair	100	1	Fuzzy / 2	09	10:39:00 PST SP	18:39-GMT Pv Harbor seal Position: 104° / 827 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	100	1	Fuzzy / 2	10	11:17:00 PST V	19:17-GMT Private-Cruising-RHIB- ● Position: 105° / 2749 m Dir: West	1 vessel
Fair	100	1	Fuzzy / 2	11	11:26:00 PST SP	19:26-GMT Pv Harbor seal Position: 99° / 827 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	100	1	Fuzzy / 2	12	11:35:00 PST SP	19:35-GMT Pv Harbor seal Position: 102° / 883 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	100	1	Fuzzy / 2	13	11:57:00 PST V	19:57-GMT Images: MHS 5972-5 Private-Line-RHIB- ● Position: 93° / 1483 m Dir: No direction	1 vessel
Fair	90%	1	Fuzzy / 2	14	12:01:00 PST V	20:01-GMT Oil services-Crew boat-- ● Position: 272° / 3528 m Dir: South	1 vessel
Fair	80%	1	Fuzzy / 2	15	12:14:00 PST SD	20:14-GMT Tt Bottlenose dolphin Position: 196° / 322 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	60%	2	Fuzzy / 3	16	12:23:00 PST SP	20:23-GMT Pv Harbor seal Position: 107° / 913 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good	60%	2	Fuzzy / 3	17	12:31:00 PST V	20:31-GMT Oil services-Crew boat-- ● Position: 268° / 3088 m Dir: South	1 vessel
Good	60%	2	Fuzzy / 3	18	12:46:00 PST SD	20:46-GMT D sp Common dolphin species Position: 265° / 1483 m Dir: East; Behavior: Moderate travel	Total 300 — 0 Calves at sighting
Good	10%	2	Fuzzy / 3	19	13:05:00 PST SD	21:05-GMT Tt Bottlenose dolphin Position: 174° / 1483 m Dir: West; Behavior: Moderate travel	Total 1 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
Good	10%	2	Fuzzy / 3	Code			
				20	13:44:00 PST SD	21:44-GMT Tt Bottlenose dolphin Position: 117° / 778 m Dir: West	Total 8 — 0 Calves at sighting
				21	14:20:00 PST SD	22:20-GMT Tt Bottlenose dolphin Position: 167° / 206 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
				22	14:41:00 PST SD	22:41-GMT Tt Bottlenose dolphin Position: 183° / 629 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
				23	14:58:00 PST V	22:58-GMT Fish Commercial-Lobster/Crab-- • Kaylee J Position: 256° / 1922 m Dir: East	1 vessel
				24	15:05:00 PST SD	23:05-GMT Tt Bottlenose dolphin Position: 119° / 827 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
				25	15:13:00 PST SD	23:13-GMT Tt Bottlenose dolphin Position: 135° / 600 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
				26	15:19:00 PST V	23:19-GMT Airship--Helicopter- • SBOP Position: 174° / 300 m Dir: West	1 vessel
				27	15:38:00 PST SD	23:38-GMT Tt Bottlenose dolphin Position: 102° / 1922 m Dir: East; Behavior: Milling	Total 2 — 0 Calves at sighting
				28	15:53:00 PST V	23:53-GMT Airship--Helicopter- • SBOP Position: 174° / 300 m Dir: West	1 vessel
				29	16:06:00 PST SP	0:06; 2/26/2012-GMT Pv Harbor seal Position: 143° / 338 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
				30	16:32:00 PST SP	0:32; 2/26/2012-GMT Pv Harbor seal Position: 186° / 264 m Dir: East; Behavior: in surf zone	Total 1 — 0 Pups at sighting

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CCvr Bft Horizon - Viz

23 void				PST	8-GMT		
				01	9:12:00 PST SD	17:12-GMT Tt Bottlenose dolphin Position: 142° / 550 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
				02	9:19:00 PST SD	17:19-GMT D sp Common dolphin species Position: 241° / 1483 m Dir: East; Behavior: Foraging	Total 300 — 0 Calves at sighting
				03	9:40:00 PST SP	17:40-GMT Pv Harbor seal Position: 99° / 913 m Dir: No direction; Behavior: in kelp	Total 4 — 0 Pups at sighting
				04	9:46:00 PST SD	17:46-GMT D sp Common dolphin species Position: 207° / 1106 m Dir: East; Behavior: Leap • Moderate travel	Total 1000 — 0 Calves at sighting
				05	9:57:00 PST SD	17:57-GMT Tt Bottlenose dolphin Position: 143° / 550 m Dir: West; Behavior: Milling	Total 3 — 0 Calves at sighting
				06	11:00:00 PST S	19:00-GMT Er Gray whale (northbound) Position: 135° / 2749 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
				07	11:07:00 PST V	19:07-GMT Oil services-Crew boat-- • Position: 249° / 3088 m Dir: South	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	50%	3	Fuzzy / 2	08 11:41:00 PST	19:41-GMT SW ULW unidentified large whale Position: 204° / 2749 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	50%	3	Fuzzy / 2	09 11:48:00 PST	19:48-GMT SD Tt Bottlenose dolphin Position: 139° / 440 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	50%	3	Fuzzy / 2	10 12:39:00 PST	20:39-GMT SD Tt Bottlenose dolphin Position: 233° / 366 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	50%	3	Fuzzy / 2	11 12:46:00 PST	20:46-GMT V Oil services-Crew boat-- ● Position: 163° / 3088 m Dir: West	1 vessel
Good	50%	3	Fuzzy / 2	12 12:50:00 PST	20:50-GMT SD D sp Common dolphin species Position: 125° / 2749 m Dir: West; Behavior: Foraging	Total 1000 — 0 Calves at sighting
Good	50%	3	Fuzzy / 2	13 12:52:00 PST	20:52-GMT S Er Gray whale (northbound) Position: 130° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	50%	3	Fuzzy / 2	14 13:28:00 PST	21:28-GMT SW Er Gray whale (southbound) Position: 252° / 735 m Dir: South; Behavior: Slow travel ● Fluke	Total 1 — 0 Calves at sighting
Good	50%	3	Fuzzy / 2	15 13:36:00 PST	21:36-GMT SD Tt Bottlenose dolphin Position: 121° / 440 m Dir: West; Behavior: Foraging	Total 3 — 0 Calves at sighting
Good	50%	3	Fuzzy / 2	16 13:51:00 PST	21:51-GMT SD D sp Common dolphin species Position: 135° / 1331 m Dir: West; Behavior: Foraging	Total 200 — 0 Calves at sighting
Good	50%	3	Fuzzy / 2	17 14:20:00 PST	22:20-GMT V Oil services-Crew boat-- ● Position: 198° / 3088 m Dir: East	1 vessel
Good	10%	1	Fuzzy / 2	18 14:50:00 PST	22:50-GMT SD Tt Bottlenose dolphin Position: 128° / 508 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	10%	1	Fuzzy / 2	19 14:55:00 PST	22:55-GMT SD Tt Bottlenose dolphin Position: 165° / 258 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	10%	2	Fuzzy / 2	20 15:10:00 PST	23:10-GMT S Er Gray whale (northbound) Position: 137° / 913 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	10%	2	Fuzzy / 2	21 15:16:00 PST	23:16-GMT S Er Gray whale (northbound) Position: 206° / 2749 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	10%	2	Fuzzy / 2	22 15:38:00 PST	23:38-GMT V Oil services-Crew boat-- ● Position: 282° / 3528 m Dir: South	1 vessel
Fair	10%	1	Fuzzy / 2	24 16:34:00 PST	0:34; 2/27/2012-GMT S Er Gray whale (northbound) Position: 159° / 3088 m Dir: West; Behavior: Slow travel ● Fluke	Total 3 — 0 Calves at sighting

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CCvr	Bft	Horizon - Viz		Time	Species / Vessel Type	
Fair	100	1	Sharp / 3	01 9:16:00 PST	17:16-GMT V Oil services-Crew boat-- ● Position: 239° / 3088 m Dir: No direction	1 vessel
Fair	100	1	Sharp / 3	02 9:42:00 PST	17:42-GMT SD D sp Common dolphin species Position: 174° / 946 m Dir: East; Behavior: Foraging	Total 300 — 0 Calves at sighting
Poor	100	2	Fuzzy / 2	03 10:14:00 PST	18:14-GMT V Oil services-Crew boat-- ● Position: 234° / 2749 m Dir: No direction	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Poor	90%	4	Fuzzy / 2	04	10:25:00 PST V	18:25-GMT Fish Commercial-Lobster/Crab-- • L26871 Position: 103° / 3088 m Dir: West 1 vessel
Fair	90%	3	Sharp / 3	05	11:07:00 PST V	19:07-GMT Oil services-Crew boat-- • Position: 289° / 3528 m Dir: South 1 vessel
Fair	90%	2	Sharp / 3	06	11:18:00 PST SD	19:18-GMT D sp Common dolphin species Position: 249° / 1922 m Dir: East; Behavior: Foraging Total 3000 — 0 Calves at sighting
Fair	90%	2	Sharp / 3	07	11:31:00 PST SP	19:31-GMT Pv Harbor seal Position: 97° / 1106 m Dir: No direction; Behavior: in kelp Total 1 — 0 Pups at sighting
Poor	90%	5	Fuzzy / 2 OFF-EFFORT	08	12:33:00 PST SD	20:33-GMT Tt Bottlenose dolphin Position: 226° / 455 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Feb 28 Day 16 of 98						
	CCvr	Bft	Horizon - Viz			
Fair	30%	3	Fuzzy / 3	01	9:24:00 PST SD	17:24-GMT Tt Bottlenose dolphin Position: 150° / 347 m Dir: West; Behavior: Slow travel Total 6 — 0 Calves at sighting
Fair	30%	3	Fuzzy / 3	02	9:37:00 PST SP	17:37-GMT Pv Harbor seal Position: 135° / 249 m Dir: No direction; Behavior: in kelp Total 1 — 0 Pups at sighting
Fair	30%	3	Fuzzy / 3	03	10:15:00 PST V	18:15-GMT Fish Commercial-Urchin Diving-- • Position: 102° / 3088 m Dir: West 1 vessel
Fair	30%	3	Fuzzy / 3	04	10:25:00 PST V	18:25-GMT Oil services-Crew boat-- • Position: 292° / 3528 m Dir: South 1 vessel
Fair	30%	3	Fuzzy / 3	05	10:28:00 PST V	18:28-GMT Oil services-Crew boat-- • Position: 279° / 3528 m Dir: South 1 vessel
Fair	30%	3	Fuzzy / 3	06	11:09:00 PST V	19:09-GMT Oil services-Crew boat-- • Position: 284° / 3088 m Dir: South 1 vessel
Fair	30%	3	Fuzzy / 3	07	11:36:00 PST SP	19:36-GMT Pv Harbor seal Position: 96° / 412 m Dir: No direction Total 1 — 0 Pups at sighting
Fair	20%	4	Fuzzy / 3	08	12:14:00 PST S	20:14-GMT Er Gray whale (northbound) Position: 143° / 629 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	20%	4	Fuzzy / 3	09	12:18:00 PST V	20:18-GMT Oil services-Crew boat-- • Position: 146° / 3088 m Dir: West 1 vessel
Fair	20%	4	Fuzzy / 3	10	12:23:00 PST V	20:23-GMT Oil services-Crew boat-- • Position: 292° / 3528 m Dir: South 1 vessel
Fair	20%	4	Fuzzy / 3	11	12:41:00 PST V	20:41-GMT Oil services-Crew boat-- • Position: 292° / 3528 m Dir: South 1 vessel
Fair	20%	4	Fuzzy / 3	12	13:01:00 PST V	21:01-GMT Airship--Helicopter- • SBOP Position: 174° / 150 m Dir: West 1 vessel

Feb 29 Day 17 of 98

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	10%	3	Sharp / " "	01	9:02:00 PST V	17:02-GMT Oil services-Crew boat-- • Position: 237° / 3528 m Dir: No direction 1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	10%	3	Sharp / 1 7	02 9:03:00 PST	17:03-GMT V Kelp harvester--- ● Position: 106° / 3528 m Dir: East	1 vessel
Fair	10%	3	Sharp / 1 7	03 9:09:00 PST	17:09-GMT SD D sp Common dolphin species Position: 164° / 1922 m Dir: West; Behavior: Moderate travel ● Leap	Total 2500 — 0 Calves at sighting
Fair	60%	3	Sharp / 3	04 9:35:00 PST	17:35-GMT SP Pv Harbor seal Position: 106° / 489 m Dir: No direction; Behavior: in kelp	Total 2 — 0 Pups at sighting
Fair	60%	3	Sharp / 3	05 9:45:00 PST	17:45-GMT V Oil services-Crew boat-- ● Position: 295° / 3528 m Dir: South	1 vessel
Fair	60%	3	Sharp / 3	06 9:50:00 PST	17:50-GMT V Oil services-Crew boat-- ● Position: 266° / 3528 m Dir: North	1 vessel
Fair	60%	3	Sharp / 3	07 10:02:00 PST	18:02-GMT SP Pv Harbor seal Position: 99° / 913 m Dir: No direction	Total 6 — 0 Pups at sighting
Fair	70%	3	Sharp / 3	08 10:17:00 PST	18:17-GMT SD Tt Bottlenose dolphin Position: 107° / 827 m Dir: No direction; Behavior: Moderate travel ● Milling	Total 6 — 0 Calves at sighting
Fair	70%	4	Sharp / 3	09 10:30:00 PST	18:30-GMT S Er Gray whale (northbound) Position: 166° / 5027 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	70%	4	Sharp / 3	10 10:40:00 PST	18:40-GMT V Oil services-Crew boat-- ● Position: 244° / 3528 m Dir: South	1 vessel
Fair	70%	4	Sharp / 3	11 10:43:00 PST	18:43-GMT V Oil services-Crew boat-- ● Position: 290° / 3528 m Dir: South	1 vessel
Fair	70%	4	Sharp / 3	12 11:05:00 PST	19:05-GMT S Er Gray whale (northbound) Position: 161° / 3528 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	70%	4	Sharp / 3	13 11:30:00 PST	19:30-GMT V Oil services--- ● Clean Ocean Position: 225° / 3528 m Dir: East	1 vessel
Fair	70%	4	Sharp / 3	14 12:13:00 PST	20:13-GMT SP Pv Harbor seal Position: 166° / 171 m Dir: West; Behavior: Slow travel ● in surf zone	Total 1 — 0 Pups at sighting
Fair	70%	4	Sharp / 3	15 12:19:00 PST	20:19-GMT V Airship--Helicopter- ● SBOP Position: 174° / 250 m Dir: East	1 vessel
Fair	70%	4	Sharp / 3	16 12:24:00 PST	20:24-GMT V Oil services-Crew boat-- ● Position: 284° / 3528 m Dir: South	1 vessel
Fair	70%	4	Sharp / 3	17 12:27:00 PST	20:27-GMT SD Tt Bottlenose dolphin Position: 176° / 212 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	70%	4	Sharp / 3	18 12:40:00 PST	20:40-GMT V Touring-Whale watching-- ● Condor Express Position: 139° / 1922 m Dir: West	1 vessel
Fair	70%	4	Sharp / 3	19 12:45:00 PST	20:45-GMT V Fish Commercial-Lobster/Crab-- ● Kaylee J Position: 293° / 3088 m Dir: East	1 vessel
Fair	70%	4	Sharp / 3	20 12:54:00 PST	20:54-GMT SD Tt Bottlenose dolphin Position: 174° / 253 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	70%	4	Sharp / 3	21	12:55:00 PST SD	20:55-GMT Tt Bottlenose dolphin Position: 135° / 382 m Dir: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Poor	100%	3	Fuzzy / 3	22	13:13:00 PST SD	21:13-GMT Tt Bottlenose dolphin Position: 154° / 382 m Dir: East; Behavior: Slow travel	Total 7 — 1 Calf at sighting
Poor	80%	3	Fuzzy / 2	23	14:34:00 PST V	22:34-GMT Airship--Helicopter- • SBOP Position: 174° / 200 m Dir: East	1 vessel
Fair	70%	2	Fuzzy / 2	24	14:38:00 PST V	22:38-GMT Fish Commercial-Lobster/Crab-- • L13127 Position: 239° / 1922 m Dir: East	1 vessel
Good	40%	2	Fuzzy / 3	25	14:41:00 PST S	22:41-GMT Er Gray whale (northbound) Position: 161° / 2749 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	40%	4	Fuzzy / 3	26	15:27:00 PST SW	23:27-GMT ULW unidentified large whale Position: 189° / 3528 m Dir: West	Total 3 — 0 Calves at sighting
Poor	40%	5	Fuzzy / 3 OFF-EFFORT	27	15:50:00 PST SD	23:50-GMT Tt Bottlenose dolphin Position: 164° / 3088 m Dir: East; Behavior: Moderate travel	Total 2 — 0 Calves at sighting
Poor	60%	5	Fuzzy / 2 OFF-EFFORT	28	15:59:00 PST S	23:59-GMT Er Gray whale (northbound) Position: 201° / 883 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	60%	5	Fuzzy / 2 OFF-EFFORT	29	16:03:00 PST V	0:03; 3/1/2012-GMT Oil services-Crew boat-- • Position: 259° / 3528 m Dir: South	1 vessel
Poor	60%	5	Fuzzy / 2 OFF-EFFORT	30	16:29:00 PST SD	0:29; 3/1/2012-GMT Tt Bottlenose dolphin Position: 129° / 334 m Dir: East; Behavior: Slow travel	Total 7 — 0 Calves at sighting
Poor	60%	5	Fuzzy / 2 OFF-EFFORT	31	16:36:00 PST V	0:36; 3/1/2012-GMT Oil services-Crew boat-- • Position: 277° / 3528 m Dir: South	1 vessel
Poor	60%	5	Fuzzy / 2 OFF-EFFORT	32	16:44:00 PST S	0:44; 3/1/2012-GMT Er Gray whale (northbound) Position: 192° / 2749 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Mar 01				Day 18 of 98			
	CCvr	Bft	Horizon - Viz				
Fair	0%	3	Sharp / 3	01	9:05:00 PST V	17:05-GMT Oil services-Crew boat-- • Position: 234° / 3088 m Dir: No direction	1 vessel
Fair	0%	4	Fuzzy / 3	02	9:11:00 PST SW	17:11-GMT ULW unidentified large whale Position: 154° / 2260 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0%	4	Fuzzy / 2	03	9:20:00 PST SP	17:20-GMT Pv Harbor seal Position: 170° / 258 m Dir: East; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Mar 02				Day 19 of 98			
	CCvr	Bft	Horizon - Viz				
Fair	10%	0	Fuzzy / 2	01	9:07:00 PST V	17:07-GMT Oil services-Crew boat-- • Position: 233° / 2749 m Dir: No direction	1 vessel
Fair	10%	0	Fuzzy / 2	02	9:28:00 PST S	17:28-GMT Er Gray whale (northbound) Position: 117° / 3528 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	03	9:57:00 PST V	17:57-GMT Fish Commercial-Urchin Diving-- • Position: 119° / 3528 m Dir: West	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	10%	0	Fuzzy / 2	04	10:00:00 PST V	18:00-GMT Oil services-Crew boat-- • Position: 277° / 3528 m Dir: South 1 vessel
Fair	10%	0	Fuzzy / 2	05	10:30:00 PST SP	18:30-GMT Pv Harbor seal Position: 149° / 528 m Dir: No direction; Behavior: Milling Total 1 — 0 Pups at sighting
Fair	10%	0	Fuzzy / 2	06	10:37:00 PST V	18:37-GMT Oil services-Crew boat-- • Position: 274° / 3528 m Dir: South 1 vessel
Fair	10%	0	Fuzzy / 2	07	10:42:00 PST SD	18:42-GMT Tt Bottlenose dolphin Position: 152° / 366 m Dir: West; Behavior: Slow travel Total 4 — 0 Calves at sighting
Good	10%	1	Fuzzy / 2	08	11:33:00 PST SP	19:33-GMT Pv Harbor seal Position: 101° / 778 m Dir: No direction; Behavior: in kelp Total 1 — 0 Pups at sighting
Good	10%	1	Fuzzy / 2	09	12:02:00 PST S	20:02-GMT Er Gray whale (northbound) Position: 193° / 3528 m Dir: West; Behavior: Slow travel • Fluke Total 4 — 0 Calves at sighting
Good	10%	1	Fuzzy / 2	10	12:08:00 PST SP	20:08-GMT Pv Harbor seal Position: 215° / 212 m Dir: No direction Total 1 — 0 Pups at sighting
Good	10%	1	Fuzzy / 2	11	12:22:00 PST V	20:22-GMT Airship--Helicopter- • SBOP Position: 174° / 150 m Dir: East 1 vessel
Good	10%	1	Fuzzy / 2	12	12:37:00 PST V	20:37-GMT Oil services-Crew boat-- • Position: 239° / 3088 m Dir: South 1 vessel
Good	10%	1	Fuzzy / 2	13	12:55:00 PST V	20:55-GMT Private-Cruising-- • Position: 104° / 3088 m Dir: West 1 vessel
Excellent	0%	1	Sharp / 3	14	13:16:00 PST V	21:16-GMT Airship--Helicopter- • SBOP Position: 174° / 150 m Dir: West 1 vessel
Excellent	0%	1	Sharp / 3	15	13:29:00 PST V	21:29-GMT Fish Commercial-Urchin Diving-- • L58309 Position: 108° / 2749 m Dir: West 1 vessel
Excellent	0%	1	Sharp / 3	16	13:34:00 PST S	21:34-GMT Er Gray whale (northbound) Position: 109° / 5027 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Excellent	0%	1	Sharp / 3	17	13:39:00 PST V	21:39-GMT Private--Sailboat motoring- • Position: 136° / 2749 m Dir: West 1 vessel
Excellent	0%	1	Sharp / 3	18	14:01:00 PST V	22:01-GMT Private-Sportfishing-- • Position: 124° / 2260 m Dir: West 1 vessel
Excellent	0%	1	Sharp / 3	19	14:29:00 PST V	22:29-GMT Touring-Whale watching-Sailboat motoring- • Position: 117° / 3088 m Dir: West 1 vessel
Excellent	0%	1	Sharp / 3	20	14:32:00 PST V	22:32-GMT Fish Commercial-Urchin Diving-- • Mary Ann Position: 116° / 1922 m Dir: West 1 vessel
Excellent	0%	1	Sharp / 3	21	14:59:00 PST S	22:59-GMT Er Gray whale (northbound) Position: 246° / 3528 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Excellent	0%	1	Sharp / 3	22	15:06:00 PST SD	23:06-GMT D sp Common dolphin species Position: 222° / 1403 m Dir: East; Behavior: Moderate travel Total 200 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Excellent	0%	1	Sharp / 3	23	15:09:00 PST V	23:09-GMT Fish Commercial-Lobster/Crab-- • Kaylee J Position: 260° / 2260 m Dir: East 1 vessel
Excellent	0%	1	Sharp / 3	24	15:36:00 PST SP	23:36-GMT Pv Harbor seal Position: 129° / 382 m Dir: North; Behavior: Dive • in kelp Total 1 — 0 Pups at sighting
Excellent	0%	1	Sharp / 3	25	15:38:00 PST V	23:38-GMT Fish Commercial-Urchin Diving-- • Position: 115° / 3088 m Dir: West 1 vessel
Excellent	0%	1	Sharp / 3	26	16:00:00 PST V	0:00; 3/3/2012-GMT Fish Commercial-Lobster/Crab-- • L13127 Position: 156° / 2749 m Dir: East 1 vessel
Excellent	0%	1	Sharp / 3	27	16:02:00 PST V	0:02; 3/3/2012-GMT Airship--Helicopter- • Position: 174° / 150 m Dir: West 1 vessel
Excellent	0%	1	Sharp / 3	28	16:05:00 PST V	0:05; 3/3/2012-GMT Oil services-Crew boat-- • Position: 270° / 3528 m Dir: North 1 vessel
Excellent	0%	1	Sharp / 3	29	16:27:00 PST S	0:27; 3/3/2012-GMT Er Gray whale (northbound) Position: 105° / 3528 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Excellent	0%	1	Sharp / 3	30	16:33:00 PST V	0:33; 3/3/2012-GMT Fish Commercial-Urchin Diving-- • 8827HK Position: 104° / 3088 m Dir: West 1 vessel
Excellent	0%	1	Sharp / 3	31	16:41:00 PST V	0:41; 3/3/2012-GMT Fish Commercial-Urchin Diving-- • Ocean Pearl Position: 249° / 1674 m Dir: East 1 vessel
Excellent	0%	1	Sharp / 3	32	16:43:00 PST V	0:43; 3/3/2012-GMT Oil services-Crew boat-- • Position: 268° / 3528 m Dir: South 1 vessel
Excellent	0%	1	Sharp / 3	33	16:44:00 PST V	0:44; 3/3/2012-GMT Fish Commercial-Urchin Diving-- • Sea Fever Position: 266° / 2749 m Dir: East 1 vessel
Excellent	0%	1	Sharp / 3	34	16:51:00 PST V	0:51; 3/3/2012-GMT Oil services-Crew boat-- • Position: 285° / 3528 m Dir: South 1 vessel

Mar 03 Day 20 of 98

CCvr	Bft	Horizon	Viz			
Fair	10%	0	Fuzzy / 3	01	8:54:00 PST S	16:54-GMT Er Gray whale (northbound) Position: 274° / 1483 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 3	02	9:12:00 PST V	17:12-GMT Private-Cruising-- • Position: 181° / 3088 m Dir: West 1 vessel
Fair	10%	0	Fuzzy / 3	03	9:14:00 PST S	17:14-GMT Er Gray whale (northbound) Position: 162° / 2260 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 3	04	9:15:00 PST V	17:15-GMT Oil services-Crew boat-- • Position: 165° / 2749 m Dir: West 1 vessel
Fair	10%	0	Fuzzy / 3	05	9:23:00 PST SD	17:23-GMT D sp Common dolphin species Position: 194° / 2260 m Dir: East; Behavior: Foraging • Moderate travel Total 300 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 3	06	9:37:00 PST V	17:37-GMT Touring-Whale watching-- • Condor Express Position: 127° / 2749 m Dir: West 1 vessel
Fair	10%	0	Fuzzy / 2	07	9:59:00 PST SD	17:59-GMT Tt Bottlenose dolphin Position: 212° / 227 m Dir: East; Behavior: Moderate travel Total 6 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	10%	0	Fuzzy / 2	08	10:13:00 PST V	18:13-GMT Private-Sportfishing-- ● Position: 147° / 3088 m Dir: West	1 vessel
Fair	10%	0	Fuzzy / 2	09	10:13:00 PST V	18:13-GMT Private-Sportfishing-- ● Position: 124° / 3088 m Dir: West	1 vessel
Fair	10%	0	Fuzzy / 2	10	10:17:00 PST V	18:17-GMT Oil services-Crew boat-- ● Position: 293° / 3528 m Dir: South	1 vessel
Fair	10%	0	Fuzzy / 2	11	10:18:00 PST SD	18:18-GMT Tt Bottlenose dolphin Position: 216° / 377 m Dir: East; Behavior: Moderate travel	Total 3 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	12	10:19:00 PST SD	18:19-GMT Tt Bottlenose dolphin Position: 247° / 508 m Dir: East; Behavior: Moderate travel	Total 6 — 0 Calves at sighting
Fair	10%	1	Fuzzy / 2	13	10:40:00 PST SP	18:40-GMT Pv Harbor seal Position: 143° / 322 m Dir: No direction; Behavior: in kelp	Total 2 — 0 Pups at sighting
Fair	10%	1	Fuzzy / 2	14	10:46:00 PST SP	18:46-GMT Pv Harbor seal Position: 201° / 200 m Dir: East; Behavior: Dive ● in kelp ● in surf zone	Total 1 — 0 Pups at sighting
Fair	10%	1	Fuzzy / 2	15	12:05:00 PST V	20:05-GMT Fish Commercial-Squid-- ● Trionfo Position: 174° / 2260 m Dir: East	1 vessel
Fair	10%	1	Fuzzy / 2	16	12:34:00 PST V	20:34-GMT Private-Cruising-Sailboat motoring- ● Position: 129° / 1331 m Dir: West	1 vessel
Fair	10%	1	Fuzzy / 2	17	12:35:00 PST V	20:35-GMT Oil services-Crew boat-- ● Position: 293° / 3528 m Dir: South	1 vessel
Fair	10%	1	Fuzzy / 2	18	12:37:00 PST V	20:37-GMT Private-Sportfishing-- ● 4737JV Position: 234° / 778 m Dir: East	1 vessel
Fair	10%	1	Fuzzy / 2	19	12:43:00 PST V	20:43-GMT Fish Commercial-Urchin Diving-- ● Position: 211° / 3528 m Dir: East	1 vessel
Fair	10%	1	Fuzzy / 2	20	12:49:00 PST V	20:49-GMT Private-Sportfishing-- ● Position: 245° / 1331 m Dir: East	1 vessel
Fair	10%	1	Fuzzy / 2	21	13:11:00 PST SD	21:11-GMT Tt Bottlenose dolphin Position: 213° / 300 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	10%	1	Fuzzy / 2	22	13:18:00 PST V	21:18-GMT Images: MHS 6066-6071 Airship--Blimp- ● Position: 174° / 80 m Dir: West	1 vessel
Fair	10%	1	Fuzzy / 2	23	13:21:00 PST V	21:21-GMT Fish Commercial-Net-- ● Sea Bird Position: 220° / 1403 m Dir: East	1 vessel
Fair	10%	1	Fuzzy / 2	24	13:24:00 PST V	21:24-GMT Images: MHS 6072-6076 Fish Commercial-Urchin Diving-- ● Position: 104° / 2749 m Dir: West	1 vessel
Fair	10%	1	Fuzzy / 2	25	13:34:00 PST SD	21:34-GMT Tt Bottlenose dolphin Position: 282° / 539 m Dir: East	Total 3 — 0 Calves at sighting
Good	10%	1	Fuzzy / 2	26	13:38:00 PST V	21:38-GMT Private-Sportfishing-Boston Whaler- ● Position: 104° / 2260 m Dir: West	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
CCvr	Bft	Horizon	Viz	Code		
Good	10%	1	Fuzzy / 2	27 13:45:00 PST	21:45-GMT S Er Gray whale (northbound) Position: 205° / 1483 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	10%	1	Fuzzy / 2	28 14:11:00 PST	22:11-GMT S Er Gray whale (northbound) Position: 182° / 2749 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	10%	2	Fuzzy / 2	29 14:54:00 PST	22:54-GMT S Er Gray whale (northbound) Position: 154° / 678 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	10%	2	Fuzzy / 2	30 15:13:00 PST	23:13-GMT SP Pv Harbor seal Position: 193° / 216 m Dir: East; Behavior: in surf zone • in kelp	Total 1 — 0 Pups at sighting
Good	10%	2	Fuzzy / 2	31 15:25:00 PST	23:25-GMT V Private-Cruising-RHIB- • Position: 120° / 1483 m Dir: West	1 vessel
Good	10%	2	Fuzzy / 2	32 15:31:00 PST	23:31-GMT SP Pv Harbor seal Position: 131° / 661 m Dir: No direction; Behavior: in open water	Total 1 — 0 Pups at sighting
Good	10%	2	Fuzzy / 2	33 15:34:00 PST	23:34-GMT V Airship--Airplane- • Position: 174° / 120 m Dir: West	1 vessel
Fair	10%	2	Fuzzy / 2	34 16:03:00 PST	0:03; 3/4/2012-GMT SP Pv Harbor seal Position: 99° / 528 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	10%	2	Fuzzy / 2	35 16:51:00 PST	0:51; 3/4/2012-GMT SP Pv Harbor seal Position: 125° / 366 m Dir: No direction; Behavior: in kelp	Total 2 — 0 Pups at sighting

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CCvr	Bft	Horizon	Viz	Code	Time	Species / Vessel Type	
Fair	10%	0	Fuzzy / 3	01	9:04:00 PST	17:04-GMT SD D sp Common dolphin species Position: 166° / 2260 m Dir: East; Behavior: Moderate travel	Total 100 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 3	02	9:08:00 PST	17:08-GMT SW ULW unidentified large whale Position: 147° / 5027 m Dir: No direction; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 3	03	9:16:00 PST	17:16-GMT V Airship--Helicopter- • SBOP Position: 174° / 600 m Dir: East	1 vessel
Fair	10%	0	Fuzzy / 3	04	9:26:00 PST	17:26-GMT V Private-Sportfishing-Boston Whaler- • Position: 121° / 3088 m Dir: West	1 vessel
Fair	10%	0	Fuzzy / 3	05	9:41:00 PST	17:41-GMT SP Pv Harbor seal Position: 247° / 264 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	10%	0	Fuzzy / 3	06	9:53:00 PST	17:53-GMT S Er Gray whale (northbound) Position: 171° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 3	07	9:58:00 PST	17:58-GMT SP Pv Harbor seal Position: 174° / 244 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	10%	0	Fuzzy / 3	08	10:15:00 PST	18:15-GMT SD Tt Bottlenose dolphin Position: 192° / 539 m Dir: East; Behavior: Milling	Total 3 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 3	09	10:41:00 PST	18:41-GMT SP Pv Harbor seal Position: 142° / 382 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	10%	0	Fuzzy / 3	10	11:17:00 PST	19:17-GMT V Airship--Helicopter- • Position: 174° / 100 m Dir: West	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	10%	1	Fuzzy / 3	11	11:40:00 PST SP	19:40-GMT Pv Harbor seal Position: 151° / 528 m Dir: No direction; Behavior: in open water	Total 1 — 0 Pups at sighting
Fair	10%	1	Fuzzy / 3	12	12:24:00 PST V	20:24-GMT Private-Sportfishing-- ● Position: 114° / 2260 m Dir: West	1 vessel
Fair	10%	1	Fuzzy / 3	13	12:26:00 PST V	20:26-GMT Private-Sportfishing-Boston Whaler- ● Position: 272° / 2749 m Dir: East	1 vessel
Fair	10%	2	Fuzzy / 3	14	12:41:00 PST S	20:41-GMT Er Gray whale (northbound) Position: 98° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	10%	2	Fuzzy / 3	15	12:47:00 PST V	20:47-GMT Oil services-Crew boat-- ● Position: 253° / 3528 m Dir: South	1 vessel
Fair	10%	2	Fuzzy / 3	16	13:04:00 PST V	21:04-GMT Touring-Whale watching-- ● Condor Express Position: 107° / 3088 m Dir: West	1 vessel
Fair	10%	2	Fuzzy / 3	17	13:37:00 PST V	21:37-GMT Oil services-Crew boat-- ● Position: 180° / 1922 m Dir: West	1 vessel
Fair	10%	2	Fuzzy / 3	18	13:39:00 PST V	21:39-GMT Oil services-Crew boat-- ● Position: 286° / 3528 m Dir: South	1 vessel
Good	30%	1	Fuzzy / 2	19	13:48:00 PST V	21:48-GMT Airship--Helicopter- ● SBOP Position: 174° / 150 m Dir: East	1 vessel
Good	30%	1	Fuzzy / 2	20	14:10:00 PST SD	22:10-GMT Tt Bottlenose dolphin Position: 194° / 314 m Dir: East; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Good	30%	1	Fuzzy / 2	21	14:22:00 PST V	22:22-GMT Oil services-Crew boat-- ● Position: 248° / 3088 m Dir: South	1 vessel
Good	30%	1	Fuzzy / 2	22	14:27:00 PST SP	22:27-GMT Pv Harbor seal Position: 245° / 307 m Dir: East; Behavior: Dive ● in kelp	Total 1 — 0 Pups at sighting
Good	30%	1	Fuzzy / 2	23	14:55:00 PST V	22:55-GMT Private-Sportfishing-- ● Position: 207° / 883 m Dir: East	1 vessel
Good	30%	2	Fuzzy / 2	24	15:16:00 PST SD	23:16-GMT Tt Bottlenose dolphin Position: 193° / 946 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	30%	2	Fuzzy / 2	25	15:18:00 PST V	23:18-GMT Fish Commercial-Lobster/Crab-- ● L72681 Position: 207° / 412 m Dir: East	1 vessel
Good	30%	2	Fuzzy / 2	26	15:20:00 PST SD	23:20-GMT Tt Bottlenose dolphin Position: 175° / 220 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	40%	2	Fuzzy / 2	27	15:37:00 PST V	23:37-GMT Fish Commercial-Sportfishing-Boston Whaler- ● Position: 278° / 2749 m Dir: East	1 vessel
Fair	40%	2	Fuzzy / 2	28	15:41:00 PST V	23:41-GMT Oil services-Crew boat-- ● Position: 284° / 3528 m Dir: North	1 vessel
Fair	40%	2	Fuzzy / 2	29	15:48:00 PST V	23:48-GMT Private-Sportfishing-- ● Position: 109° / 1922 m Dir: West	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	40%	2	Fuzzy / 2	30	16:07:00 PST V	0:07; 3/5/2012-GMT Airship--Helicopter- • SBOP Position: 174° / 100 m Dir: West 1 vessel
Fair	40%	2	Fuzzy / 2	31	16:24:00 PST V	0:24; 3/5/2012-GMT Oil services-Crew boat-- • Position: 274° / 3528 m Dir: South 1 vessel
Fair	40%	2	Fuzzy / 2	32	16:24:00 PST V	0:24; 3/5/2012-GMT Oil services-Crew boat-- • Position: 284° / 3528 m Dir: South 1 vessel
Fair	40%	2	Fuzzy / 2	33	16:32:00 PST S	0:32; 3/5/2012-GMT Er Gray whale (northbound) Position: 144° / 1483 m Dir: West; Behavior: Slow travel • Fluke Total 1 — 0 Calves at sighting
Fair	40%	2	Fuzzy / 2	34	16:55:00 PST SD	0:55; 3/5/2012-GMT Tt Bottlenose dolphin Position: 194° / 338 m Dir: East; Behavior: Slow travel Total 9 — 0 Calves at sighting
Fair	40%	2	Fuzzy / 2	35	16:57:00 PST V	0:57; 3/5/2012-GMT Oil services-Crew boat-- • Position: 269° / 3528 m Dir: South 1 vessel
Fair	40%	2	Fuzzy / 2	36	16:59:00 PST SD	0:59; 3/5/2012-GMT Tt Bottlenose dolphin Position: 230° / 249 m Dir: East; Behavior: Moderate travel Total 4 — 0 Calves at sighting
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				Mar 05	Day 22 of 98	
	CCvr	Bft	Horizon - Viz			
Fair	90%	0	Fuzzy / 2	01	9:01:00 PST V	17:01-GMT Oil services-Crew boat-- • Position: 286° / 3528 m Dir: North 1 vessel
Fair	90%	0	Fuzzy / 2	02	9:03:00 PST V	17:03-GMT Fish Commercial-Net-- • Position: 271° / 3088 m Dir: West 1 vessel
Fair	90%	0	Fuzzy / 2	03	9:05:00 PST V	17:05-GMT Fish Commercial-Net-- • Position: 130° / 3528 m Dir: West 1 vessel
Fair	90%	0	Fuzzy / 2	04	9:07:00 PST SD	17:07-GMT D sp Common dolphin species Position: 124° / 1922 m Dir: West; Behavior: Foraging Total 30 — 0 Calves at sighting
Fair	90%	0	Fuzzy / 2	05	9:11:00 PST V	17:11-GMT Airship--Helicopter- • SBOP Position: 174° / 300 m Dir: ni 1 vessel
Fair	90%	0	Fuzzy / 2	06	9:21:00 PST SD	17:21-GMT D sp Common dolphin species Position: 262° / 1922 m Dir: North; Behavior: Leap • Moderate travel Total 500 — 0 Calves at sighting
Fair	90%	0	Fuzzy / 2	07	9:35:00 PST SP	17:35-GMT Pv Harbor seal Position: 156° / 280 m Dir: West; Behavior: Slow travel • in open water Total 1 — 0 Pups at sighting
Fair	90%	0	Fuzzy / 2	08	9:40:00 PST SP	17:40-GMT Pv Harbor seal Position: 182° / 183 m Dir: East; Behavior: Slow travel • in surf zone Total 1 — 0 Pups at sighting
Fair	90%	0	Fuzzy / 2	09	9:52:00 PST SP	17:52-GMT Pv Harbor seal Position: 209° / 183 m Dir: East; Behavior: Slow travel • in kelp Total 2 — 0 Pups at sighting
Fair	90%	0	Fuzzy / 2	10	10:28:00 PST V	18:28-GMT Oil services-Crew boat-- • Position: 256° / 3088 m Dir: South 1 vessel
Fair	80%	0	Fuzzy / 2	11	10:39:00 PST V	18:39-GMT Private-Sportfishing-- • Position: 263° / 3088 m Dir: East 1 vessel
Fair	80%	0	Fuzzy / 2	12	10:43:00 PST S	18:43-GMT Er Gray whale (northbound) Position: 127° / 778 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	80%	0	Fuzzy / 2	13	11:19:00 PST SP	19:19-GMT Pv Harbor seal Position: 140° / 356 m Dir: West; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Fair	80%	0	Fuzzy / 2	14	11:22:00 PST S	19:22-GMT Er Gray whale (northbound) Position: 154° / 696 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	80%	0	Fuzzy / 2	15	11:37:00 PST V	19:37-GMT Research-Obsevation-RHIB- ● Position: 188° / 1483 m Dir: West	1 vessel
Fair	80%	0	Fuzzy / 2	16	11:52:00 PST SD	19:52-GMT D sp Common dolphin species Position: 181° / 946 m Dir: West; Behavior: Moderate travel ● Foraging	Total 20 — 0 Calves at sighting
Fair	80%	0	Fuzzy / 2	17	11:56:00 PST SD	19:56-GMT D sp Common dolphin species Position: 115° / 2749 m Dir: West; Behavior: Moderate travel ● Leap ● Parade Line	Total 1500 — 0 Calves at sighting
Fair	70%	1	Fuzzy / 2	18	12:02:00 PST V	20:02-GMT Fish Commercial-Line-- ● Position: 267° / 2749 m Dir: North	1 vessel
Fair	70%	1	Fuzzy / 2	19	12:23:00 PST V	20:23-GMT Oil services-Crew boat-- ● Position: 262° / 3088 m Dir: South	1 vessel
Fair	50%	1	Fuzzy / 2	20	12:34:00 PST SD	20:34-GMT D sp Common dolphin species Position: 126° / 2260 m Dir: West; Behavior: Moderate travel ● Leap ● Parade Line	Total 200 — 0 Calves at sighting
Fair	40%	1	Fuzzy / 2	21	12:41:00 PST V	20:41-GMT Oil services-Crew boat-- ● Position: 137° / 3088 m Dir: West	1 vessel
Fair	40%	1	Fuzzy / 2	22	13:10:00 PST V	21:10-GMT Oil services-Crew boat-- ● Position: 289° / 3528 m Dir: South	1 vessel
Fair	50%	1	Fuzzy / 2	23	13:33:00 PST V	21:33-GMT Fish Commercial-Squid-- ● Barbara H Position: 123° / 1922 m Dir: West	1 vessel
Fair	50%	1	Fuzzy / 2	24	13:34:00 PST SD	21:34-GMT D sp Common dolphin species Position: 158° / 1922 m Dir: West; Behavior: Moderate travel ● Leap ● Parade Line	Total 300 — 0 Calves at sighting
Fair	50%	1	Fuzzy / 2	25	13:41:00 PST SP	21:41-GMT Pv Harbor seal Position: 206° / 1483 m Dir: East; Behavior: in kelp ● Slow travel ● in surf zone	Total 1 — 0 Pups at sighting
Fair	50%	1	Fuzzy / 2	26	13:46:00 PST V	21:46-GMT Oil services-Crew boat-- ● Position: 277° / 3088 m Dir: South	1 vessel
Fair	50%	2	Fuzzy / 2	27	14:03:00 PST V	22:03-GMT Fish Commercial-Net-- ● 268210 Position: 234° / 1403 m Dir: East	1 vessel
Fair	50%	2	Fuzzy / 2	28	14:15:00 PST SD	22:15-GMT Tt Bottlenose dolphin Position: 205° / 223 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	60%	2	Fuzzy / 2	29	14:39:00 PST SD	22:39-GMT D sp Common dolphin species Position: 204° / 2749 m Dir: No direction; Behavior: Foraging ● Milling ● Leap	Total 80 — 0 Calves at sighting
Fair	60%	2	Fuzzy / 2	30	14:59:00 PST V	22:59-GMT Research--RHIB- ● Position: 230° / 2749 m Dir: East	1 vessel
Fair	60%	2	Fuzzy / 2	31	15:01:00 PST V	23:01-GMT Oil services-Crew boat-- ● Position: 276° / 3088 m Dir: South	1 vessel

2012 All Sighting Numbers, raw

Sighting Number			Time	Species / Vessel Type	
			Code		
Fair	60%	2 Fuzzy / 2	32 15:22:00 PST	23:22-GMT V Fish Commercial-Line-- ● Position: 254° / 1403 m Dir: East	1 vessel
Fair	90%	2 Fuzzy / 2	33 16:06:00 PST	0:06; 3/6/2012-GMT S Er Gray whale (northbound) Position: 177° / 2749 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	90%	2 Fuzzy / 2	34 16:23:00 PST	0:23; 3/6/2012-GMT V Fish Commercial-Lobster/Crab-- ● L13127 Position: 249° / 1922 m Dir: East	1 vessel
Fair	90%	2 Fuzzy / 2	35 16:56:00 PST	0:56; 3/6/2012-GMT S Er Gray whale (northbound) Position: 182° / 3528 m Dir: West; Behavior: Slow travel ● Fluke	Total 3 — 0 Calves at sighting
Fair	90%	2 Fuzzy / 2	36 16:57:00 PST	0:57; 3/6/2012-GMT V Airship--Helicopter- ● SBOP Position: 174° / 250 m Dir: West; Behavior: Slow travel	1 vessel

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CCvr	Bft	Horizon - Viz			
Poor	30%	3 Sharp / 3	01 9:00:00 PST	17:00-GMT V Oil services-Crew boat-- ● Position: 168° / 3088 m Dir: West	1 vessel
Poor	30%	3 Sharp / 3	02 9:01:00 PST	17:01-GMT SD Tt Bottlenose dolphin Position: 160° / 307 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Poor	30%	3 Sharp / 3	03 9:09:00 PST	17:09-GMT SP Pv Harbor seal Position: 191° / 253 m Dir: East; Behavior: in surf zone ● Slow travel	Total 1 — 0 Pups at sighting
Poor	30%	3 Sharp / 3	04 9:14:00 PST	17:14-GMT V Research-Diving--UCSB ● Position: 164° / 600 m Dir: East	1 vessel
Poor	30%	3 Sharp / 3	05 9:23:00 PST	17:23-GMT S Er Gray whale (northbound) Position: 108° / 2260 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

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CCvr	Bft	Horizon - Viz			
Fair	0%	1 Fuzzy / 2	01 9:01:00 PST	17:01-GMT V Oil services-Crew boat-- ● Position: 133° / 3528 m Dir: No direction	1 vessel
Fair	0%	1 Fuzzy / 2	02 9:02:00 PST	17:02-GMT V Oil services-Crew boat-- ● Position: 240° / 3528 m Dir: North	1 vessel
Fair	0%	1 Fuzzy / 2	03 9:04:00 PST	17:04-GMT SW Mn Humpback whale Position: 135° / 3528 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0%	1 Fuzzy / 2	04 9:10:00 PST	17:10-GMT SW ULW unidentified large whale Position: 137° / 13138 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0%	1 Fuzzy / 2	05 9:14:00 PST	17:14-GMT S Er Gray whale (northbound) Position: 139° / 5027 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	0%	1 Fuzzy / 2	06 9:35:00 PST	17:35-GMT V Oil services-Crew boat-- ● Position: 269° / 3528 m Dir: North	1 vessel
Fair	0%	1 Fuzzy / 2	07 10:08:00 PST	18:08-GMT SW ULW unidentified large whale Position: 125° / 3528 m Dir: nd	Total 1 — 0 Calves at sighting
Fair	0%	2 Fuzzy / 2	08 10:11:00 PST	18:11-GMT SD Tt Bottlenose dolphin Position: 164° / 269 m Dir: East; Behavior: Moderate travel ● Leap	Total 3 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	0%	3	Fuzzy / 2	09	11:07:00 PST S	19:07-GMT Er Gray whale (northbound) Position: 115° / 5027 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	10	11:22:00 PST SP	19:22-GMT Pv Harbor seal Position: 135° / 300 m Dir: East; Behavior: Slow travel • in kelp	Total 1 — 0 Pups at sighting
Fair	0%	3	Fuzzy / 2	11	11:29:00 PST SP	19:29-GMT Pv Harbor seal Position: 182° / 253 m Dir: East; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Fair	0%	3	Fuzzy / 2	12	11:32:00 PST S	19:32-GMT Er Gray whale (northbound) Position: 181° / 3528 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	13	11:54:00 PST V	19:54-GMT Oil services-Crew boat-- • Position: 133° / 3528 m Dir: No direction	1 vessel
Fair	0%	3	Fuzzy / 2	14	11:54:00 PST SD	19:54-GMT D sp Common dolphin species Position: 231° / 1331 m Dir: East	Total 50 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	15	12:03:00 PST SW	20:03-GMT Mn Humpback whale Position: 116° / 5027 m Dir: No direction; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	16	12:10:00 PST S	20:10-GMT Er Gray whale (northbound) Position: 200° / 1106 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	17	12:37:00 PST V	20:37-GMT Fish Commercial-Urchin Diving-- • 602475 Position: 117° / 2260 m Dir: West	1 vessel
Fair	0%	3	Fuzzy / 2	18	12:37:00 PST S	20:37-GMT Er Gray whale (northbound) Position: 166° / 3528 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	19	12:57:00 PST V	20:57-GMT Oil services-Crew boat-- • Position: 261° / 3528 m Dir: South	1 vessel
Fair	0%	3	Fuzzy / 2	20	13:06:00 PST V	21:06-GMT Fish Commercial-Urchin Diving-- • 13143 Position: 149° / 1922 m Dir: West	1 vessel
Fair	0%	3	Fuzzy / 2	21	13:10:00 PST SW	21:10-GMT Mn Humpback whale Position: 118° / 3528 m Dir: No direction; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	22	13:18:00 PST S	21:18-GMT Er Gray whale (northbound) Position: 111° / 3528 m Dir: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	23	13:23:00 PST V	21:23-GMT Oil services-Crew boat-- • Position: 274° / 3528 m Dir: West	1 vessel
Fair	0%	3	Fuzzy / 2	24	13:25:00 PST SD	21:25-GMT D sp Common dolphin species Position: 218° / 600 m Dir: West; Behavior: Moderate travel • Foraging	Total 20 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	25	13:31:00 PST V	21:31-GMT Fish Commercial-Urchin Diving-- • 8827HK Position: 108° / 3088 m Dir: West	1 vessel
Fair	0%	3	Fuzzy / 2	26	13:42:00 PST V	21:42-GMT Images: MHS 6118-6122 Airship--Helicopter- • N343AA Position: 174° / 150 m Dir: ni	1 vessel
Fair	0%	3	Fuzzy / 2	27	13:50:00 PST SD	21:50-GMT D sp Common dolphin species Position: 143° / 1674 m Dir: West; Behavior: Moderate travel • Foraging	Total 50 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	0%	3	Fuzzy / 2	28	14:02:00 PST S	22:02-GMT Er Gray whale (northbound) Position: 189° / 2749 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	29	14:29:00 PST SD	22:29-GMT D sp Common dolphin species Position: 138° / 2749 m Dir: West; Behavior: Moderate travel • Foraging • Parade Line	Total 200 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	30	14:32:00 PST S	22:32-GMT Er Gray whale (northbound) Position: 119° / 3528 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	31	15:03:00 PST V	23:03-GMT Oil services-Crew boat-- • Position: 269° / 3528 m Dir: South	1 vessel
Fair	0%	2	Fuzzy / 2	32	15:03:00 PST S	23:03-GMT Er Gray whale (northbound) Position: 206° / 5027 m Dir: West; Behavior: Slow travel • Fluke	Total 4 — 0 Calves at sighting
Fair	0%	2	Fuzzy / 2	33	15:24:00 PST V	23:24-GMT Fish Commercial-Urchin Diving-- • L58309 Position: 122° / 3088 m Dir: West	1 vessel
Fair	0%	2	Fuzzy / 2	34	15:41:00 PST V	23:41-GMT Private-Cruising-- • Position: 119° / 2749 m Dir: West	1 vessel
Fair	0%	2	Fuzzy / 2	35	15:43:00 PST V	23:43-GMT Oil services-Crew boat-- • Position: 280° / 3528 m Dir: South	1 vessel
Fair	0%	2	Fuzzy / 2	36	15:46:00 PST SW	23:46-GMT ULW unidentified large whale Position: 109° / 5027 m Dir: No direction; Behavior: Fluke	Total 1 — 0 Calves at sighting
Fair	0%	2	Fuzzy / 2	37	15:59:00 PST S	23:59-GMT Er Gray whale (northbound) Position: 205° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0%	2	Fuzzy / 2	38	16:07:00 PST V	0:07; 3/8/2012-GMT Airship--Helicopter- • N343AA Position: 174° / 200 m Dir: West	1 vessel
Fair	0%	3	Fuzzy / 3	39	16:41:00 PST V	0:41; 3/8/2012-GMT Fish Commercial-Urchin Diving-- • 4431NW Position: 111° / 1922 m Dir: West	1 vessel
Fair	0%	3	Fuzzy / 3	40	16:45:00 PST V	0:45; 3/8/2012-GMT Oil services-Crew boat-- • Position: 284° / 3528 m Dir: South	1 vessel

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CCvr	Bft	Horizon	Viz		Time	Species / Vessel Type	
Fair	0%	1	Fuzzy / 2	01	9:00:00 PST V	17:00-GMT Research-Diving-- • Position: 167° / 629 m Dir: West	1 vessel
Fair	0%	1	Fuzzy / 2	02	9:05:00 PST V	17:05-GMT Oil services-Crew boat-- • Position: 240° / 3088 m Dir: No direction	1 vessel
Fair	0%	1	Fuzzy / 2	03	9:07:00 PST S	17:07-GMT Er Gray whale (northbound) Position: 145° / 3088 m Dir: West; Behavior: Slow travel • Rolling	Total 1 — 0 Calves at sighting
Fair	0%	1	Fuzzy / 2	04	9:54:00 PST V	17:54-GMT Touring-Whale watching-- • Condor Express Position: 128° / 3088 m Dir: West	1 vessel
Fair	0%	0	Fuzzy / 2	05	10:20:00 PST V	18:20-GMT Fish Commercial-Lobster/Crab-- • Ocean Pearl Position: 125° / 2749 m Dir: West	1 vessel
Fair	0%	0	Fuzzy / 2	06	10:39:00 PST S	18:39-GMT Images: MHS 6163-8 Er Gray whale (northbound) Position: 120° / 1106 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	0%	0	Fuzzy / 2	07	10:41:00 PST V	18:41-GMT Images: 6160-6162 Airship--Airplane-CA Fish + Game • N28FG Position: 174° / 150 m Dir: West	1 vessel
Fair	0%	0	Fuzzy / 2	08	10:50:00 PST V	18:50-GMT Oil services-Crew boat-- • Position: 287° / 3528 m Dir: South	1 vessel
Fair	0%	0	Fuzzy / 2	09	10:55:00 PST V	18:55-GMT Oil services-Crew boat-- • Position: 289° / 946 m Dir: South	1 vessel
Fair	0%	0	Fuzzy / 2	10	11:17:00 PST SD	19:17-GMT Lo Pacific white-sided dolphin Position: 147° / 3528 m Dir: West; Behavior: Moderate travel	Total 6 — 0 Calves at sighting
Fair	0%	1	Fuzzy / 2	11	11:19:00 PST SD	19:19-GMT Tt Bottlenose dolphin Position: 124° / 455 m Dir: West; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Fair	0%	1	Fuzzy / 2	12	11:25:00 PST SP	19:25-GMT Pv Harbor seal Position: 127° / 455 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	0%	1	Fuzzy / 2	13	11:58:00 PST SP	19:58-GMT Pv Harbor seal Position: 124° / 253 m Dir: South; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Fair	0%	1	Fuzzy / 2	14	12:02:00 PST SD	20:02-GMT Tt Bottlenose dolphin Position: 110° / 778 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair	0%	1	Fuzzy / 2	15	12:08:00 PST V	20:08-GMT Airship--Helicopter- • N343AA Position: 174° / 200 m Dir: West	1 vessel
Fair	0%	1	Fuzzy / 2	16	12:25:00 PST V	20:25-GMT Oil services-Crew boat-- • Position: 135° / 3528 m Dir: West	1 vessel
Fair	0%	0	Fuzzy / 2	17	12:29:00 PST V	20:29-GMT Oil services-Oil-spill recovery-- • Clean Ocean Position: 136° / 3088 m Dir: West	1 vessel
Fair	0%	0	Fuzzy / 2	18	12:41:00 PST V	20:41-GMT Fish Commercial-Urchin Diving-- • 4431NW Position: 204° / 3528 m Dir: East	1 vessel
Fair	0%	0	Fuzzy / 2	19	12:47:00 PST V	20:47-GMT Oil services-Crew boat-- • Position: 271° / 3528 m Dir: South	1 vessel
Fair	0%	0	Fuzzy / 2	20	13:36:00 PST V	21:36-GMT Enforcement--RHIB-CA Fish + Game • Position: 109° / 1674 m Dir: West	1 vessel
Fair	0%	0	Fuzzy / 2	21	13:42:00 PST V	21:42-GMT Enforcement---CA Fish + Game • Swordfish Position: 116° / 1922 m Dir: West	1 vessel
Fair	0%	1	Fuzzy / 2	22	13:42:00 PST V	21:42-GMT Other--- • Position: 238° / 1922 m Dir: No direction	1 vessel
Fair	0%	1	Fuzzy / 2	23	13:54:00 PST V	21:54-GMT Fish Commercial-Line-- • Position: 204° / 2749 m Dir: East	1 vessel
Fair	0%	1	Fuzzy / 2	24	13:56:00 PST V	21:56-GMT Oil services-Crew boat-- • Position: 272° / 3528 m Dir: South	1 vessel
Fair	0%	3	Fuzzy / 2	25	14:19:00 PST SD	22:19-GMT Tt Bottlenose dolphin Position: 186° / 293 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	0%	3	Fuzzy / 2	26	15:11:00 PST S	23:11-GMT Er Gray whale (northbound) Position: 188° / 2260 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0%	2	Fuzzy / 2	27	15:17:00 PST S	23:17-GMT Er Gray whale (northbound) Position: 215° / 3088 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0%	2	Fuzzy / 2	28	15:53:00 PST V	23:53-GMT Fish Commercial-Lobster/Crab-- • Kaylee J Position: 231° / 661 m Dir: East	1 vessel
Fair	0%	3	Fuzzy / 2	29	16:04:00 PST V	0:04; 3/9/2012-GMT Airship--Helicopter- • N343AA Position: 174° / 150 m Dir: West	1 vessel
Fair	0%	3	Fuzzy / 2	30	16:15:00 PST S	0:15; 3/9/2012-GMT Er Gray whale (northbound) Position: 150° / 2749 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	31	16:22:00 PST V	0:22; 3/9/2012-GMT Oil services-Crew boat-- • Position: 275° / 3088 m Dir: South	1 vessel
Fair	0%	3	Fuzzy / 2	32	16:38:00 PST S	0:38; 3/9/2012-GMT Er Gray whale (northbound) Position: 210° / 1483 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
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				Mar 09	Day 26 of 98		
CCvr Bft Horizon - Viz							
Fair	10%	0	Fuzzy / 2	01	9:13:00 PST V	17:13-GMT Airship--Helicopter- • N343AA Position: 174° / 150 m Dir: ni	1 vessel
Fair	10%	0	Fuzzy / 2	02	9:14:00 PST V	17:14-GMT Oil services-Crew boat-- • Position: 239° / 3088 m Dir: No direction	1 vessel
Fair	10%	0	Fuzzy / 2	03	9:29:00 PST SD	17:29-GMT D sp Common dolphin species Position: 235° / 2260 m Dir: No direction; Behavior: Foraging • Milling	Total 15 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	04	9:31:00 PST SP	17:31-GMT Pv Harbor seal Position: 123° / 287 m Dir: West; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	10%	0	Fuzzy / 2	05	9:33:00 PST SD	17:33-GMT D sp Common dolphin species Position: 144° / 1403 m Dir: No direction	Total 5 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	06	9:55:00 PST SD	17:55-GMT D sp Common dolphin species Position: 197° / 1483 m Dir: East; Behavior: Moderate travel • Foraging • Parade Line	Total 300 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	07	10:09:00 PST V	18:09-GMT Private--Sailboat motoring- • Position: 182° / 3528 m Dir: East	1 vessel
Fair	10%	0	Fuzzy / 2	08	10:11:00 PST V	18:11-GMT Private-Sportfishing-- • Position: 117° / 2749 m Dir: West	1 vessel
Fair	10%	0	Fuzzy / 2	09	10:29:00 PST V	18:29-GMT Oil services-Crew boat-- • Position: 282° / 3528 m Dir: South	1 vessel
Fair	10%	0	Fuzzy / 2	10	10:32:00 PST V	18:32-GMT Fish Commercial-Lobster/Crab-- • L72681 Position: 280° / 946 m Dir: East	1 vessel
Fair	10%	0	Fuzzy / 2	11	10:42:00 PST SP	18:42-GMT Pv Harbor seal Position: 101° / 883 m Dir: No direction; Behavior: Milling	Total 1 — 0 Pups at sighting
Fair	10%	0	Fuzzy / 2	12	10:50:00 PST SD	18:50-GMT Tt Bottlenose dolphin Position: 284° / 883 m Dir: East; Behavior: Moderate travel	Total 7 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	10%	0	Fuzzy / 2	13	10:51:00 PST V	18:51-GMT Oil services-Crew boat-- ● Position: 293° / 3528 m Dir: South	1 vessel
Fair	10%	0	Fuzzy / 2	14	11:02:00 PST S	19:02-GMT Er Gray whale (northbound) Position: 150° / 1483 m Dir: West; Behavior: Slow travel ● Fluke	Total 1 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	15	11:05:00 PST SD	19:05-GMT Lo Pacific white-sided dolphin Position: 220° / 946 m Dir: East	Total 15 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	16	11:11:00 PST SD	19:11-GMT Tt Bottlenose dolphin Position: 264° / 412 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	17	11:26:00 PST SD	19:26-GMT Tt Bottlenose dolphin Position: 252° / 338 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	18	11:44:00 PST S	19:44-GMT Er Gray whale (northbound) Position: 113° / 3088 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	19	11:58:00 PST V	19:58-GMT Oil services-Crew boat-- ● Position: 257° / 3088 m Dir: South	1 vessel
Fair	10%	0	Fuzzy / 2	20	12:06:00 PST SD	20:06-GMT Tt Bottlenose dolphin Position: 264° / 489 m Dir: East; Behavior: Slow travel	Total 8 — 1 Calf at sighting
Fair	10%	0	Fuzzy / 2	21	12:23:00 PST SD	20:23-GMT Tt Bottlenose dolphin Position: 254° / 388 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	22	12:25:00 PST SP	20:25-GMT Pv Harbor seal Position: 229° / 209 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	10%	0	Fuzzy / 2	23	12:42:00 PST S	20:42-GMT Er Gray whale (northbound) Position: 128° / 3528 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	0%	2	Fuzzy / 2	24	13:02:00 PST V	21:02-GMT Touring-Whale watching-- ● Condor Express Position: 136° / 2749 m Dir: West	1 vessel
Fair	0%	2	Fuzzy / 2	25	13:19:00 PST V	21:19-GMT Fish Commercial-Net-- ● Position: 222° / 1674 m Dir: East	1 vessel
Fair	0%	2	Fuzzy / 2	26	13:21:00 PST V	21:21-GMT Research-Diving--UCSB ● Position: 176° / 1922 m Dir: East	1 vessel
Fair	0%	2	Fuzzy / 2	27	13:24:00 PST V	21:24-GMT Fish Commercial-Urchin Diving-- ● Position: 234° / 2260 m Dir: East	1 vessel
Fair	0%	2	Fuzzy / 2	28	13:54:00 PST V	21:54-GMT Images: MHS 6195-6 Fish Commercial-Net-- ● Position: 244° / 1922 m Dir: East	1 vessel
Fair	0%	2	Fuzzy / 2	29	14:20:00 PST SD	22:20-GMT Tt Bottlenose dolphin Position: 129° / 356 m Dir: West; Behavior: Moderate travel	Total 10 — 0 Calves at sighting
Fair	0%	2	Fuzzy / 2	30	14:29:00 PST SD	22:29-GMT Tt Bottlenose dolphin Position: 144° / 314 m Dir: West; Behavior: Moderate travel	Total 4 — 0 Calves at sighting
Fair	0%	2	Fuzzy / 2	31	14:34:00 PST V	22:34-GMT Oil services-Crew boat-- ● Position: 284° / 3528 m Dir: South	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	0%	3	Fuzzy / 2	32	14:45:00 PST V	22:45-GMT Private--Jet-ski- ● Position: 104° / 1922 m Dir: West	1 vessel
Fair	0%	3	Fuzzy / 2	33	15:09:00 PST V	23:09-GMT Fish Commercial-Lobster/Crab-- ● L13127 Position: 258° / 2260 m Dir: East	1 vessel
Fair	0%	3	Fuzzy / 2	34	15:20:00 PST SD	23:20-GMT Tt Bottlenose dolphin Position: 204° / 2260 m Dir: East; Behavior: Moderate travel	Total 5 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	35	15:26:00 PST SP	23:26-GMT Pv Harbor seal Position: 150° / 508 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	0%	2	Fuzzy / 2	36	15:48:00 PST SP	23:48-GMT Pv Harbor seal Position: 116° / 338 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	0%	2	Fuzzy / 2	37	15:53:00 PST V	23:53-GMT Images: 6208-6218 Private--Jet-ski- ● Position: 109° / 1674 m Dir: West	2 vessels
Fair	0%	2	Fuzzy / 2	38	16:16:00 PST V	0:16; 3/10/2012-GMT Airship--Helicopter- ● N343AA Position: 174° / 200 m Dir: West	1 vessel
Fair	0%	2	Fuzzy / 2	39	16:39:00 PST V	0:39; 3/10/2012-GMT Airship--Helicopter- ● N343AA Position: 174° / 150 m Dir: West	1 vessel
Fair	0%	2	Fuzzy / 2	40	16:51:00 PST V	0:51; 3/10/2012-GMT Fish Commercial-Net-- ● Position: 226° / 2260 m Dir: East	1 vessel

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CCvr	Bft	Horizon	Viz				
Fair	10%	2	Fuzzy / 2	01	8:52:00 PST S	16:52-GMT Er Gray whale (northbound) Position: 157° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	10%	2	Fuzzy / 2	02	9:21:00 PST S	17:21-GMT Er Gray whale (northbound) Position: 206° / 3528 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	10%	2	Fuzzy / 2	03	9:34:00 PST SD	17:34-GMT Lo Pacific white-sided dolphin Position: 224° / 913 m Dir: East; Behavior: Moderate travel	Total 8 — 0 Calves at sighting
Fair	10%	2	Fuzzy / 2	04	9:44:00 PST V	17:44-GMT Oil services-Crew boat-- ● Position: 250° / 3528 m Dir: South	1 vessel
Fair	10%	3	Fuzzy / 2	05	9:45:00 PST S	17:45-GMT Er Gray whale (northbound) Position: 148° / 827 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Fair	10%	3	Fuzzy / 2	06	9:48:00 PST S	17:48-GMT Er Gray whale (northbound) Position: 166° / 3088 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	30%	3	Fuzzy / 2	07	10:07:00 PST S	18:07-GMT Er Gray whale (northbound) Position: 136° / 2260 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Fair	30%	3	Fuzzy / 2	08	10:15:00 PST SP	18:15-GMT Pv Harbor seal Position: 156° / 203 m Dir: No direction; Behavior: in kelp • in surf zone	Total 1 — 0 Pups at sighting
Fair	30%	3	Fuzzy / 2	09	10:23:00 PST SP	18:23-GMT Pv Harbor seal Position: 227° / 160 m Dir: East; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair	30%	3	Fuzzy / 2	10	10:24:00 PST V	18:24-GMT Oil services-Crew boat-- ● Position: 156° / 3088 m Dir: West	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	30%	3	Fuzzy / 2	11	10:27:00 PST SD	18:27-GMT D sp Common dolphin species Position: 213° / 3528 m Dir: East; Behavior: Moderate travel	Total 800 — 0 Calves at sighting
Fair	30%	3	Fuzzy / 2	12	10:36:00 PST S	18:36-GMT Er Gray whale (northbound) Position: 172° / 1674 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	30%	3	Fuzzy / 2	13	10:56:00 PST V	18:56-GMT Oil services-Crew boat-- ● Position: 290° / 3528 m Dir: South	1 vessel
Fair	30%	3	Fuzzy / 2	14	11:12:00 PST SP	19:12-GMT Pv Harbor seal Position: 197° / 183 m Dir: East; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair	30%	2	Fuzzy / 2	15	11:40:00 PST V	19:40-GMT Oil services-Oil-spill recovery-- ● Clean Ocean Position: 222° / 3088 m Dir: East	1 vessel
Fair	30%	1	Fuzzy / 2	16	12:09:00 PST SD	20:09-GMT D sp Common dolphin species Position: 203° / 946 m Dir: East; Behavior: Moderate travel	Total 300 — 0 Calves at sighting
Fair	30%	1	Fuzzy / 2	17	12:44:00 PST V	20:44-GMT Touring-Whale watching-- ● Condor Express Position: 131° / 2260 m Dir: West	1 vessel
Fair	30%	1	Fuzzy / 2	18	12:44:00 PST S	20:44-GMT Er Gray whale (northbound) Position: 154° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	30%	1	Fuzzy / 2	19	13:07:00 PST S	21:07-GMT Er Gray whale (northbound) Position: 150° / 1331 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	30%	1	Fuzzy / 2	20	13:15:00 PST V	21:15-GMT Oil services-Crew boat-- ● Position: 250° / 3088 m Dir: South	1 vessel
Fair	50%	0	Fuzzy / 2	21	13:40:00 PST V	21:40-GMT Images: 6219-6220 Private-Sportfishing-Boston Whaler- ● Position: 209° / 447 m Dir: East	1 vessel
Fair	50%	0	Fuzzy / 2	22	14:07:00 PST V	22:07-GMT Private-Sportfishing-- ● Position: 253° / 3088 m Dir: East	1 vessel
Fair	50%	0	Fuzzy / 2	23	14:19:00 PST V	22:19-GMT Images: MHS 6221-6224 Fish Commercial-Sportfishing-- ● Stardust Position: 244° / 1922 m Dir: East	1 vessel
Fair	50%	0	Fuzzy / 2	24	14:31:00 PST S	22:31-GMT Er Gray whale (northbound) Position: 179° / 1922 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	50%	0	Fuzzy / 2	25	14:54:00 PST S	22:54-GMT Er Gray whale (northbound) Position: 183° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	50%	0	Fuzzy / 2	26	15:01:00 PST V	23:01-GMT Private-Sportfishing-- ● Position: 121° / 1331 m Dir: West	1 vessel
Fair	50%	0	Fuzzy / 2	27	15:03:00 PST SW	23:03-GMT ULW unidentified large whale Position: 186° / 2749 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	80%	1	Fuzzy / 1	28	15:27:00 PST SP	23:27-GMT Pv Harbor seal Position: 120° / 440 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Poor	80%	1	Fuzzy / 1	29	15:47:00 PST V	23:47-GMT Touring-Whale watching-- ● Condor Express Position: 194° / 1106 m Dir: West	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Poor	70%	1	Fuzzy / 2	30	16:01:00 PST V	0:01; 3/11/2012-GMT Airship--Helicopter- • SBOP Position: 174° / 150 m Dir: West	1 vessel
Poor	70%	1	Fuzzy / 2	31	16:33:00 PST S	0:33; 3/11/2012-GMT Er Gray whale (northbound) Position: 99° / 3088 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	70%	1	Fuzzy / 2	32	16:38:00 PST S	0:38; 3/11/2012-GMT Er Gray whale (northbound) Position: 110° / 1483 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	70%	1	Fuzzy / 2	33	16:59:00 PST V	0:59; 3/11/2012-GMT Private-Cruising-- • Position: 106° / 2749 m Dir: West	1 vessel

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CCvr	Bft	Horizon - Viz					
Poor	70%	2	Sharp / 2	01	9:10:00 PDT S	16:10-GMT Er Gray whale (northbound) Position: 251° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	70%	3	Sharp / 2	02	9:29:00 PDT S	16:29-GMT Er Gray whale (northbound) Position: 142° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	90%	2	Sharp / 2	03	10:23:00 PDT V	17:23-GMT Oil services-Crew boat-- • Position: 278° / 3528 m Dir: South	1 vessel
Fair	90%	2	Sharp / 2	04	10:26:00 PDT V	17:26-GMT Images: 6225 Airship--Helicopter- • Vin Cougar N920VH Position: 174° / 1000 m Dir: West	1 vessel
Fair	90%	2	Sharp / 2	05	10:30:00 PDT SD	17:30-GMT Lo Pacific white-sided dolphin Position: 261° / 1674 m Dir: East; Behavior: Moderate travel	Total 40 — 0 Calves at sighting
Fair	60%	2	Sharp / 2	06	10:58:00 PDT S	17:58-GMT Er Gray whale (northbound) Position: 122° / 3528 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	60%	2	Fuzzy / 2	07	11:08:00 PDT V	18:08-GMT Images: 6231-6232 Private-Lobster/Crab-- • L26871 Position: 116° / 1020 m Dir: West	1 vessel
Fair	60%	2	Fuzzy / 2	08	11:32:00 PDT S	18:32-GMT Er Gray whale (northbound) Position: 132° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	60%	2	Fuzzy / 2	09	11:39:00 PDT V	18:39-GMT Oil services-Crew boat-- • Position: 259° / 3528 m Dir: South	1 vessel
Fair	60%	1	Fuzzy / 2	10	12:21:00 PDT V	19:21-GMT Oil services-Crew boat-- • Position: 274° / 3528 m Dir: North	1 vessel
Fair	60%	1	Fuzzy / 2	11	12:25:00 PDT S	19:25-GMT Er Gray whale (northbound) Position: 124° / 3088 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	60%	1	Fuzzy / 2	12	12:51:00 PDT V	19:51-GMT Private-Sportfishing-Boston Whaler- • Position: 202° / 550 m Dir: East	1 vessel
Fair	80%	1	Fuzzy / 2	13	12:54:00 PDT V	19:54-GMT Touring-Whale watching-- • Condor Express Position: 102° / 3088 m Dir: West	1 vessel
Fair	50%	1	Fuzzy / 2	14	13:12:00 PDT S	20:12-GMT Er Gray whale (northbound) Position: 111° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	90%	1	Fuzzy / 2	15	13:38:00 PDT V	20:38-GMT Oil services-Crew boat-- • Position: 246° / 3088 m Dir: South	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	90%	1	Fuzzy / 2	16 13:41:00 PDT	20:41-GMT SD Lo Pacific white-sided dolphin Position: 196° / 600 m Dir: East; Behavior: Moderate travel	Total 3 — 0 Calves at sighting
Fair	90%	1	Fuzzy / 2	17 14:00:00 PDT	21:00-GMT SP Pv Harbor seal Position: 113° / 528 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	90%	1	Fuzzy / 2	18 14:26:00 PDT	21:26-GMT V Private-Sportfishing-- ● Position: 229° / 913 m Dir: East	1 vessel
Fair	80%	2	Fuzzy / 2	19 14:58:00 PDT	21:58-GMT S Er Gray whale (northbound) Position: 144° / 3088 m Dir: West; Behavior: Slow travel ● Fluke	Total 1 — 0 Calves at sighting
Fair	80%	2	Fuzzy / 2	20 15:24:00 PDT	22:24-GMT V Oil services-Crew boat-- ● Position: 247° / 3088 m Dir: South	1 vessel
Good	50%	2	Fuzzy / 3	21 15:38:00 PDT	22:38-GMT V Fish Commercial-Sportfishing-- ● Stardust Position: 231° / 1483 m Dir: East	1 vessel
Good	50%	3	Fuzzy / 3	22 16:15:00 PDT	23:15-GMT S Er Gray whale (northbound) Position: 136° / 3088 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good	50%	3	Fuzzy / 3	23 16:52:00 PDT	23:52-GMT S Er Gray whale (northbound) Position: 129° / 1483 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

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CCvr	Bft	Horizon - Viz		Time	Species / Vessel Type	
Poor	100	0	Fuzzy / 2	01 9:02:00 PDT	16:02-GMT V Oil services-Crew boat-- ● Position: 239° / 3088 m Dir: No direction	1 vessel
Poor	100	0	Fuzzy / 2	02 9:13:00 PDT	16:13-GMT SD D sp Common dolphin species Position: 124° / 1106 m Dir: West; Behavior: Foraging ● Leap ● Moderate travel	Total 150 — 0 Calves at sighting
Poor	100	0	Fuzzy / 2	03 9:15:00 PDT	16:15-GMT V Oil services-Crew boat-- ● Position: 284° / 2749 m Dir: South	1 vessel
Poor	100	0	Fuzzy / 2	04 9:16:00 PDT	16:16-GMT Images: 6236-6252 V Fish Commercial-Net-- ● Cecelia 262180 Position: 127° / 1922 m Dir: West	1 vessel
Poor	100	0	Fuzzy / 2	05 9:18:00 PDT	16:18-GMT SD Tt Bottlenose dolphin Position: 142° / 269 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	100	0	Fuzzy / 2	06 9:38:00 PDT	16:38-GMT SD D sp Common dolphin species Position: 202° / 778 m Dir: West; Behavior: Moderate travel ● Leap	Total 200 — 0 Calves at sighting
Poor	100	0	Fuzzy / 2	07 9:48:00 PDT	16:48-GMT S Er Gray whale (northbound) Position: 194° / 2260 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	100	0	Fuzzy / 2	08 10:11:00 PDT	17:11-GMT S Er Gray whale (northbound) Position: 136° / 1331 m Dir: West; Behavior: Slow travel ● Fluke	Total 3 — 0 Calves at sighting
Poor	100	0	Fuzzy / 2	09 10:22:00 PDT	17:22-GMT V Research-Diving--UCSB ● Position: 256° / 946 m Dir: East	1 vessel
Poor	100	0	Fuzzy / 2	10 10:36:00 PDT	17:36-GMT Images: 6253-6263 V Airship--Helicopter- ● Vin Cougar N920VH Position: 174° / 500 m Dir: West	1 vessel
Poor	100	0	Fuzzy / 2	11 11:15:00 PDT	18:15-GMT SW Mn Humpback whale Position: 196° / 2749 m Dir: East; Behavior: Fluke ● Slow travel	Total 1 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Poor	100	0	Fuzzy / 2	12	11:17:00 PDT 18:17-GMT S Er Gray whale (northbound) Position: 170° / 508 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	100	0	Fuzzy / 2	13	11:41:00 PDT 18:41-GMT SP Pv Harbor seal Position: 104° / 696 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Poor	100	1	Fuzzy / 2	14	12:03:00 PDT 19:03-GMT V Airship--Helicopter- • Vin Cougar N920VH Position: 174° / 400 m Dir: West	1 vessel
Poor	100	1	Fuzzy / 2	15	12:31:00 PDT 19:31-GMT SD D sp Common dolphin species Position: 126° / 3088 m Dir: West; Behavior: Moderate travel	Total 200 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	16	12:54:00 PDT 19:54-GMT V Oil services-Crew boat-- • Position: 250° / 3088 m Dir: South	1 vessel
Poor	100	1	Fuzzy / 2	17	13:07:00 PDT 20:07-GMT S Er Gray whale (northbound) Position: 143° / 3088 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	18	13:10:00 PDT 20:10-GMT V Touring-Whale watching-- • Condor Express Position: 145° / 3088 m Dir: West	1 vessel
Poor	100	1	Fuzzy / 2	19	13:18:00 PDT 20:18-GMT SD Tt Bottlenose dolphin Position: 134° / 253 m Dir: West; Behavior: Slow travel • Foraging	Total 5 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	20	13:23:00 PDT 20:23-GMT SD D sp Common dolphin species Position: 161° / 2749 m Dir: West; Behavior: Slow travel	Total 200 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	21	13:30:00 PDT 20:30-GMT S Er Gray whale (northbound) Position: 226° / 3528 m Dir: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Fair	100	2	Fuzzy / 2	22	14:17:00 PDT 21:17-GMT SD Lo Pacific white-sided dolphin Position: 211° / 600 m Dir: East; Behavior: Moderate travel	Total 25 — 0 Calves at sighting
Good	60%	3	Fuzzy / 2	23	14:34:00 PDT 21:34-GMT SP Pv Harbor seal Position: 208° / 200 m Dir: East; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Good	60%	3	Fuzzy / 2	24	14:37:00 PDT 21:37-GMT V Oil services-Crew boat-- • Position: 267° / 3088 m Dir: South	1 vessel
Good	60%	3	Fuzzy / 2	25	14:47:00 PDT 21:47-GMT Images: 6325-6330 V Private--Jet-ski- • Position: 214° / 253 m Dir: West	1 vessel
Good	60%	3	Fuzzy / 2	26	14:47:00 PDT 21:47-GMT SP UP unidentified pinniped Position: 164° / 314 m Dir: No direction; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Good	60%	3	Fuzzy / 2	27	14:51:00 PDT 21:51-GMT SD Tt Bottlenose dolphin Position: 220° / 253 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	60%	3	Fuzzy / 2	28	14:55:00 PDT 21:55-GMT SP Pv Harbor seal Position: 118° / 508 m Dir: East; Behavior: in kelp	Total 2 — 0 Pups at sighting
Good	40%	3	Fuzzy / 2	29	15:00:00 PDT 22:00-GMT S Er Gray whale (northbound) Position: 117° / 3528 m Dir: West; Behavior: Slow travel • Fluke	Total 4 — 0 Calves at sighting
Good	40%	3	Fuzzy / 2	30	15:12:00 PDT 22:12-GMT V Fish Commercial-Net-- • Seabird Position: 207° / 1922 m Dir: East	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
Code						
Good	40%	3	Fuzzy / 2	31 16:00:00 PDT	23:00-GMT V Airship--Helicopter- • N343AA Position: 174° / 200 m Dir: West	1 vessel
Good	40%	3	Fuzzy / 2	32 16:18:00 PDT	23:18-GMT V Fish Commercial-Lobster/Crab-- • Kaylee J Position: 243° / 1674 m Dir: East	1 vessel
Good	40%	3	Fuzzy / 2	33 16:29:00 PDT	23:29-GMT V Oil services-Crew boat-- • Position: 248° / 3088 m Dir: South	1 vessel
Good	40%	3	Fuzzy / 2	34 16:29:00 PDT	23:29-GMT V Fish Commercial-Net-- • Position: 262° / 3088 m Dir: East	1 vessel

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CCvr	Bft	Horizon - Viz		Time	Species / Vessel Type	
Poor	90%	2	Fuzzy / 2	01 9:01:00 PDT	16:01-GMT V Research-Diving--UCSB • Position: 214° / 600 m Dir: West	1 vessel
Poor	90%	2	Fuzzy / 2	02 9:30:00 PDT	16:30-GMT SD Tt Bottlenose dolphin Position: 98° / 300 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	90%	2	Fuzzy / 2	03 9:37:00 PDT	16:37-GMT SP Pv Harbor seal Position: 134° / 206 m Dir: East; Behavior: Slow travel • in kelp • in surf zone	Total 1 — 0 Pups at sighting
Poor	50%	2	Fuzzy / 2	04 9:50:00 PDT	16:50-GMT V Private-Cruising-- • Position: 120° / 2749 m Dir: West	1 vessel
Poor	50%	2	Fuzzy / 2	05 10:13:00 PDT	17:13-GMT SP Pv Harbor seal Position: 209° / 183 m Dir: East; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Poor	50%	2	Fuzzy / 2	06 10:15:00 PDT	17:15-GMT S Er Gray whale (northbound) Position: 201° / 508 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	50%	3	Fuzzy / 2	07 10:41:00 PDT	17:41-GMT SP Pv Harbor seal Position: 156° / 244 m Dir: No direction; Behavior: in kelp • in surf zone	Total 1 — 0 Pups at sighting
Fair	60%	3	Fuzzy / 2	08 10:54:00 PDT	17:54-GMT V Oil services-Crew boat-- • Position: 144° / 3088 m Dir: West	1 vessel
Fair	60%	3	Fuzzy / 2	09 10:57:00 PDT	17:57-GMT V Oil services-Crew boat-- • Position: 268° / 3528 m Dir: South	1 vessel
Fair	60%	3	Fuzzy / 2	10 11:16:00 PDT	18:16-GMT S Er Gray whale (northbound) Position: 155° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	60%	3	Fuzzy / 2	11 11:18:00 PDT	18:18-GMT SD Tt Bottlenose dolphin Position: 175° / 489 m Dir: West; Behavior: Slow travel • Leap	Total 3 — 0 Calves at sighting
Fair	60%	3	Fuzzy / 2	12 11:38:00 PDT	18:38-GMT SP Pv Harbor seal Position: 206° / 183 m Dir: East; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Fair	30%	3	Fuzzy / 2	13 11:58:00 PDT	18:58-GMT S Er Gray whale (northbound) Position: 126° / 2749 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	20%	3	Fuzzy / 2	15 12:29:00 PDT	19:29-GMT V Oil services-Crew boat-- • Position: 235° / 3528 m Dir: No direction	1 vessel
Fair	20%	3	Fuzzy / 2	16 12:32:00 PDT	19:32-GMT V Oil services-Crew boat-- • Position: 274° / 3528 m Dir: North	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
Code				Code		
Good	30%	3	Fuzzy / 2	17 12:39:00 PDT	19:39-GMT SP Pv Harbor seal Position: 131° / 412 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good	30%	3	Fuzzy / 2	18 13:06:00 PDT	20:06-GMT V Fish Commercial-Net-- • Pie Face S268210 Position: 262° / 1483 m Dir: East	1 vessel
Good	30%	3	Fuzzy / 2	19 13:17:00 PDT	20:17-GMT V Airship--Helicopter- • N343AA Position: 174° / 300 m Dir: West	1 vessel
Good	40%	2	Fuzzy / 2	20 13:31:00 PDT	20:31-GMT V Oil services-Crew boat-- • Position: 290° / 3528 m Dir: South	1 vessel
Good	40%	2	Fuzzy / 2	21 13:34:00 PDT	20:34-GMT S Er Gray whale (northbound) Position: 228° / 629 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	60%	2	Fuzzy / 2	22 13:38:00 PDT	20:38-GMT V Fish Commercial-Urchin Diving-- • Position: 199° / 1922 m Dir: West	1 vessel
Good	20%	2	Fuzzy / 2	23 14:52:00 PDT	21:52-GMT S Er Gray whale (northbound) Position: 139° / 5027 m Dir: West; Behavior: Slow travel • Fluke	Total 5 — 0 Calves at sighting
Good	20%	2	Fuzzy / 2	24 14:55:00 PDT	21:55-GMT V Oil services-Crew boat-- • Position: 239° / 3528 m Dir: South	1 vessel
Good	10%	2	Fuzzy / 3	25 15:37:00 PDT	22:37-GMT Images: 6346-6347 SD Tt Bottlenose dolphin Position: 194° / 191 m Dir: East	Total 2 — 0 Calves at sighting
Good	10%	2	Fuzzy / 3	26 15:38:00 PDT	22:38-GMT SP Pv Harbor seal Position: 171° / 209 m Dir: East; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good	10%	2	Fuzzy / 3	27 15:40:00 PDT	22:40-GMT SD D sp Common dolphin species Position: 186° / 2260 m Dir: West	Total 150 — 0 Calves at sighting
Good	20%	3	Fuzzy / 3	28 15:52:00 PDT	22:52-GMT V Fish Commercial-Urchin Diving-- • 4431NW Position: 134° / 1674 m Dir: West	1 vessel
Good	20%	3	Fuzzy / 3	29 16:15:00 PDT	23:15-GMT S Er Gray whale (northbound) Position: 151° / 5027 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good	20%	3	Fuzzy / 3	30 16:27:00 PDT	23:27-GMT S Er Gray whale (northbound) Position: 114° / 5027 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting

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CCvr	Bft	Horizon	Viz			
Fair	10%	0	Fuzzy / 1 7	01 9:04:00 PDT	16:04-GMT SP Pv Harbor seal Position: 151° / 489 m Dir: No direction; Behavior: Slow travel • in kelp	Total 1 — 0 Pups at sighting
Fair	10%	0	Fuzzy / 1 7	02 9:28:00 PDT	16:28-GMT SD Tt Bottlenose dolphin Position: 126° / 293 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 1 7	03 9:50:00 PDT	16:50-GMT V Oil services-Crew boat-- • Position: 279° / 3528 m Dir: North	1 vessel
Fair	10%	0	Fuzzy / 1 7	04 9:59:00 PDT	16:59-GMT V Oil services-Crew boat-- • Position: 147° / 3528 m Dir: West	1 vessel
Fair	0%	1	Fuzzy / 1 7	05 10:43:00 PDT	17:43-GMT V Airship--Helicopter- • SBOP Position: 174° / 500 m Dir: East	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	0%	1	Fuzzy / 1	06	10:45:00 PDT 17:45-GMT SP	Pv Harbor seal Position: 139° / 169 m Dir: No direction; Behavior: Slow travel • in surf zone Total 1 — 0 Pups at sighting
Good	0%	1	Fuzzy / 2	07	11:19:00 PDT 18:19-GMT V	Airship--Helicopter- • SBOP Position: 174° / 300 m Dir: West 1 vessel
Good	0%	1	Fuzzy / 2	08	11:36:00 PDT 18:36-GMT S	Er Gray whale (northbound) Position: 125° / 13138 m Dir: West; Behavior: Slow travel Total 5 — 0 Calves at sighting
Good	0%	1	Fuzzy / 2	09	11:41:00 PDT 18:41-GMT V	Oil services-Crew boat-- • Position: 284° / 3528 m Dir: South 1 vessel
Good	0%	1	Fuzzy / 2	10	11:42:00 PDT 18:42-GMT V	Oil services-Crew boat-- • Position: 277° / 3528 m Dir: North 1 vessel
Good	0%	1	Fuzzy / 2	11	12:09:00 PDT 19:09-GMT S	Er Gray whale (northbound) Position: 123° / 3528 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	0%	1	Fuzzy / 2	12	12:25:00 PDT 19:25-GMT V	Fish Commercial-Urchin Diving-- • 4431NW Position: 258° / 661 m Dir: East 1 vessel
Good	0%	3	Fuzzy / 2	13	12:42:00 PDT 19:42-GMT V	Touring-Whale watching-- • Condor Express Position: 141° / 2260 m Dir: West 1 vessel
Good	0%	3	Fuzzy / 2	14	12:57:00 PDT 19:57-GMT V	Oil services-Crew boat-- • Position: 286° / 3528 m Dir: South 1 vessel
Poor	40%	3	Fuzzy / 2	15	13:11:00 PDT 20:11-GMT V	Fish Commercial-Net-- • Position: 225° / 1922 m Dir: East 1 vessel
Poor	40%	3	Fuzzy / 1	OFF-EFFORT	14:05:00 PDT 21:05-GMT	
Poor	100	3	Fuzzy / 2	16	S	Er Gray whale (northbound) Position: 238° / 883 m Dir: West; Behavior: Slow travel • Fluke Total 1 — 0 Calves at sighting
Poor	100	3	Fuzzy / 2	17	14:29:00 PDT 21:29-GMT V	Fish Commercial-Lobster/Crab-- • L13127 Position: 239° / 2260 m Dir: East 1 vessel
Poor	100	3	Fuzzy / 2	18	14:52:00 PDT 21:52-GMT S	Er Gray whale (northbound) Position: 136° / 2260 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	90%	3	Fuzzy / 2	19	15:23:00 PDT 22:23-GMT S	Er Gray whale (northbound) Position: 129° / 3528 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	90%	3	Fuzzy / 2	20	15:32:00 PDT 22:32-GMT S	Er Gray whale (northbound) Position: 108° / 5027 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	100	3	Fuzzy / 2	21	15:46:00 PDT 22:46-GMT S	Er Gray whale (northbound) Position: 151° / 2260 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	100	3	Fuzzy / 2	22	16:06:00 PDT 23:06-GMT V	Oil services-Crew boat-- • Position: 282° / 3528 m Dir: South 1 vessel
Poor	100	3	Fuzzy / 2	23	16:19:00 PDT 23:19-GMT V	Touring-Whale watching-- • Condor Express Position: 121° / 3528 m Dir: West 1 vessel
Poor	100	3	Fuzzy / 2	24	16:29:00 PDT 23:29-GMT V	Fish Commercial-Net-- • C Position: 246° / 1922 m Dir: East 1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
CCvr	Bft	Horizon	Viz	Code		
Mar 15 Day 32 of 98						
Poor	90%	1	NV / 2	01	9:00:00 PDT V Private-Sportfishing-- ● Position: 177° / 1483 m Dir: West	1 vessel
Poor	90%	1	NV / 2	02	9:02:00 PDT V Oil services-Crew boat-- ● Position: 167° / 2260 m Dir: West	1 vessel
Poor	90%	1	NV / 1.7	03	9:03:00 PDT V Oil services-Crew boat-- ● Position: 235° / 3528 m Dir: No direction	1 vessel
Poor	90%	1	NV / 1.7	04	9:27:00 PDT S Er Gray whale (northbound) Position: 136° / 2749 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	90%	1	NV / 1.7	05	9:37:00 PDT V Oil services-Crew boat-- ● Position: 265° / 3528 m Dir: South	1 vessel
Poor	90%	1	NV / 1.7	06	9:54:00 PDT SP Pv Harbor seal Position: 226° / 206 m Dir: East; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Poor	90%	1	NV / 1.7	07	10:10:00 PDT V Private-Cruising-- ● The Patriot Position: 162° / 3528 m Dir: West	1 vessel
Fair	0%	1	Fuzzy / 2	08	11:40:00 PDT V Fish Commercial-Urchin Diving-- ● Ocean Pearl Position: 117° / 2749 m Dir: West	1 vessel
Fair	0%	1	Fuzzy / 2	09	12:34:00 PDT S Er Gray whale (northbound) Position: 177° / 3528 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	10%	3	Fuzzy / 2	10	13:51:00 PDT V Oil services-Crew boat-- ● Position: 293° / 3528 m Dir: South	1 vessel
Fair	10%	3	Fuzzy / 2	11	13:56:00 PDT SD Tt Bottlenose dolphin Position: 202° / 314 m Dir: East; Behavior: Moderate travel	Total 3 — 0 Calves at sighting
Fair	10%	3	Fuzzy / 2	12	14:14:00 PDT S Er Gray whale (northbound) Position: 188° / 3528 m Dir: West; Behavior: Slow travel ● Fluke	Total 2 — 0 Calves at sighting
Fair	10%	3	Fuzzy / 2	13	14:40:00 PDT V Oil services-Crew boat-- ● Position: 275° / 3088 m Dir: South	1 vessel
Fair	30%	3	Fuzzy / 2	14	15:12:00 PDT S Er Gray whale (northbound) Position: 147° / 5027 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair	30%	3	Fuzzy / 2	15	15:35:00 PDT V Oil services-Crew boat-- ● Position: 256° / 2749 m Dir: South	1 vessel
Fair	40%	2	Fuzzy / 2	16	16:11:00 PDT V Oil services-Crew boat-- ● Position: 264° / 3088 m Dir: South	1 vessel
Fair	40%	2	Fuzzy / 2	17	16:30:00 PDT V Airship--Helicopter- ● N253WC Position: 174° / 100 m Dir: ni Images: 6364-6366	1 vessel
Mar 16 Day 33 of 98						
Poor	100	1	Fuzzy / 2	01	9:03:00 PDT V Oil services-Crew boat-- ● Position: 236° / 3528 m Dir: No direction	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Poor	100	1	Fuzzy / 2	02	9:21:00 PDT SD	16:21-GMT Tt Bottlenose dolphin Position: 110° / 827 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	03	9:22:00 PDT SP	16:22-GMT Pv Harbor seal Position: 100° / 661 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Poor	100	1	Fuzzy / 2	04	9:56:00 PDT SD	16:56-GMT Tt Bottlenose dolphin Position: 190° / 322 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	05	10:02:00 PDT SD	17:02-GMT Tt Bottlenose dolphin Position: 120° / 696 m Dir: West; Behavior: Slow travel • Milling	Total 5 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	06	10:12:00 PDT V	17:12-GMT Oil services-Crew boat-- • Position: 279° / 3528 m Dir: South	1 vessel
Poor	100	1	Fuzzy / 2	07	10:26:00 PDT V	17:26-GMT Oil services-Crew boat-- • Position: 134° / 3528 m Dir: West	1 vessel
Poor	100	1	Fuzzy / 2	08	10:27:00 PDT SP	17:27-GMT Pv Harbor seal Position: 101° / 629 m Dir: No direction; Behavior: in kelp	Total 2 — 0 Pups at sighting
Poor	100	1	Fuzzy / 2	09	10:59:00 PDT V	17:59-GMT Oil services-Crew boat-- • Position: 279° / 3528 m Dir: South	1 vessel
Poor	100	1	Fuzzy / 2	10	11:15:00 PDT SD	18:15-GMT Tt Bottlenose dolphin Position: 118° / 574 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	11	11:45:00 PDT SD	18:45-GMT Tt Bottlenose dolphin Position: 245° / 347 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	12	11:56:00 PDT SD	18:56-GMT Tt Bottlenose dolphin Position: 259° / 550 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	13	12:09:00 PDT V	19:09-GMT Oil services-Crew boat-- • Position: 269° / 3528 m Dir: South	1 vessel
Poor	100	1	Fuzzy / 2	14	12:22:00 PDT SW	19:22-GMT ULW unidentified large whale Position: 230° / 3088 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	90%	1	Fuzzy / 2	15	12:57:00 PDT V	19:57-GMT Oil services-Crew boat-- • Position: 269° / 3528 m Dir: South	1 vessel
Fair	70%	2	Fuzzy / 2	16	13:37:00 PDT S	20:37-GMT Er Gray whale (northbound) Position: 105° / 2260 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair	70%	2	Fuzzy / 2	17	14:46:00 PDT V	21:46-GMT Oil services-Crew boat-- • Position: 276° / 3088 m Dir: South	1 vessel
Fair	70%	2	Fuzzy / 2	18	14:46:00 PDT SD	21:46-GMT Tt Bottlenose dolphin Position: 214° / 338 m Dir: East; Behavior: Moderate travel • Leap • Milling	Total 2 — 0 Calves at sighting
Fair	70%	2	Fuzzy / 2	19	15:06:00 PDT SD	22:06-GMT Tt Bottlenose dolphin Position: 196° / 600 m Dir: East; Behavior: Moderate travel	Total 3 — 0 Calves at sighting
Fair	70%	2	Fuzzy / 2	20	15:19:00 PDT V	22:19-GMT Fish Commercial-Lobster/Crab-- • Kaylee J Position: 257° / 2260 m Dir: East	1 vessel

2012 All Sighting Numbers, raw

Sighting Number	Time	Code	Species / Vessel Type	
Fair	70% 2 Fuzzy / 2	21	15:29:00 PDT 22:29-GMT S Er Gray whale (northbound) Position: 110° / 2260 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	70% 2 Fuzzy / 2	22	15:36:00 PDT 22:36-GMT SD Tt Bottlenose dolphin Position: 159° / 280 m Dir: East; Behavior: Moderate travel • Foraging • Leap	Total 4 — 0 Calves at sighting
Fair	70% 2 Fuzzy / 2	23	15:39:00 PDT 22:39-GMT V Fish Commercial-Lobster/Crab-- • L13127 Position: 229° / 1674 m Dir: East	1 vessel
Fair	70% 2 Fuzzy / 2	24	15:51:00 PDT 22:51-GMT V Private-Sportfishing-- • Position: 101° / 2749 m Dir: West	1 vessel
Fair	70% 2 Fuzzy / 2	25	16:07:00 PDT 23:07-GMT SD Lo Pacific white-sided dolphin Position: 133° / 2749 m Dir: West; Behavior: Moderate travel • Chorus Line	Total 20 — 0 Calves at sighting
Fair	70% 2 Fuzzy / 2	26	16:17:00 PDT 23:17-GMT Images: 6391-6392 V Fish Commercial-Urchin Diving-- • Sea Fever Position: 244° / 1106 m Dir: East	1 vessel
Fair	70% 2 Fuzzy / 2	27	16:21:00 PDT 23:21-GMT Images: 6393-6395 SP Pv Harbor seal Position: 195° / 171 m Dir: East; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Fair	70% 2 Fuzzy / 2	28	16:31:00 PDT 23:31-GMT SD Tt Bottlenose dolphin Position: 115° / 1331 m Dir: West; Behavior: Moderate travel	Total 5 — 0 Calves at sighting
Fair	70% 2 Fuzzy / 2	29	16:35:00 PDT 23:35-GMT SD Lo Pacific white-sided dolphin Position: 152° / 2749 m Dir: West; Behavior: Moderate travel	Total 30 — 0 Calves at sighting
Fair	70% 2 Fuzzy / 2	30	16:37:00 PDT 23:37-GMT S Er Gray whale (northbound) Position: 150° / 2260 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	70% 2 Fuzzy / 2	31	16:38:00 PDT 23:38-GMT V Oil services-Crew boat-- • Position: 249° / 3088 m Dir: South	1 vessel
Fair	70% 2 Fuzzy / 2	32	16:43:00 PDT 23:43-GMT S Er Gray whale (northbound) Position: 172° / 489 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

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CCvr Bft Horizon - Viz

06 void PDT 7: GMT

Fair	30% 1 Fuzzy / 2	01	9:01:00 PDT 16:01-GMT SD D sp Common dolphin species Position: 161° / 2749 m Dir: West; Behavior: Leap • Moderate travel	Total 200 — 0 Calves at sighting
Fair	30% 1 Fuzzy / 2	02	9:04:00 PDT 16:04-GMT V Oil services-Crew boat-- • Position: 234° / 2749 m Dir: No direction	1 vessel
Fair	30% 1 Fuzzy / 2	03	9:05:00 PDT 16:05-GMT V Oil services-Crew boat-- • Position: 273° / 2749 m Dir: North	1 vessel
Fair	30% 1 Fuzzy / 3	04	9:31:00 PDT 16:31-GMT S Er Gray whale (northbound) Position: 125° / 3528 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	30% 1 Fuzzy / 3	05	9:36:00 PDT 16:36-GMT S Er Gray whale (northbound) Position: 145° / 3528 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	30% 3 Fuzzy / 3	07	9:44:00 PDT 16:44-GMT S Er Gray whale (northbound) Position: 143° / 5027 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
CCvr	Bft	Horizon	Viz	Code		
Fair	30%	3	Fuzzy / 3	08 10:56:00 PDT	17:56-GMT Er Gray whale (northbound) Position: 161° / 5027 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	30%	3	Fuzzy / 3	09 11:04:00 PDT	18:04-GMT SD D sp Common dolphin species Position: 169° / 2260 m Dir: West; Behavior: Moderate travel • Leap	Total 200 — 0 Calves at sighting
Fair	80%	2	Fuzzy / 3	10 11:55:00 PDT	18:55-GMT S Er Gray whale (northbound) Position: 202° / 5027 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	80%	2	Fuzzy / 3	11 12:06:00 PDT	19:06-GMT S Er Gray whale (northbound) Position: 161° / 3088 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	80%	2	Fuzzy / 3	12 13:08:00 PDT	20:08-GMT S Er Gray whale (northbound) Position: 136° / 3528 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	80%	2	Fuzzy / 3	13 13:18:00 PDT	20:18-GMT SD Tt Bottlenose dolphin Position: 189° / 338 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	80%	2	Fuzzy / 3	14 13:23:00 PDT	20:23-GMT V Oil services-Crew boat-- • Position: 132° / 3088 m Dir: West	1 vessel
Fair	80%	2	Fuzzy / 3	15 14:06:00 PDT	21:06-GMT V Oil services-Crew boat-- • Position: 249° / 3088 m Dir: South	1 vessel
Fair	80%	2	Fuzzy / 3	16 14:28:00 PDT	21:28-GMT SD Tt Bottlenose dolphin Position: 230° / 447 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	80%	4	Fuzzy / 3	17 14:46:00 PDT	21:46-GMT V Oil services-Crew boat-- • Position: 139° / 3088 m Dir: West	1 vessel
Fair	20%	4	Fuzzy / 2	18 15:14:00 PDT	22:14-GMT SD Tt Bottlenose dolphin Position: 255° / 366 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	20%	4	Fuzzy / 2	19 15:22:00 PDT	22:22-GMT V Oil services-Crew boat-- • Position: 254° / 3088 m Dir: South	1 vessel
Fair	20%	3	Fuzzy / 2	20 16:02:00 PDT	23:02-GMT V Airship--Helicopter- • N343AA Position: 174° / 300 m Dir: West	1 vessel
Fair	20%	3	Fuzzy / 2	21 16:14:00 PDT	23:14-GMT V Oil services-Crew boat-- • Position: 240° / 2749 m Dir: South	1 vessel
Fair	20%	3	Fuzzy / 2	22 16:45:00 PDT	23:45-GMT SW ULW unidentified large whale Position: 140° / 5027 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

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CCvr	Bft	Horizon	Viz	Code	Time	Species / Vessel Type	
Fair	20%	1	Fuzzy / 2	01	9:17:00 PDT	16:17-GMT S Er Gray whale (northbound) Position: 165° / 5027 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	02	9:27:00 PDT	16:27-GMT Images: 6445-6452 S Er Gray whale (northbound) Position: 154° / 550 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	03	9:51:00 PDT	16:51-GMT S Er Gray whale (northbound) Position: 155° / 5027 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	04	10:23:00 PDT	17:23-GMT V Oil services-Crew boat-- •	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	20%	1	Fuzzy / 2	05	10:37:00 PDT 17:37-GMT S Er Gray whale (northbound) Position: 161° / 1922 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	30%	2	Fuzzy / 2	06	10:49:00 PDT 17:49-GMT S Er Gray whale (northbound) Position: 129° / 1922 m Dir: West; Behavior: Slow travel • Slow travel	Total 1 — 0 Calves at sighting
Fair	30%	2	Fuzzy / 2	07	11:02:00 PDT 18:02-GMT SD Lo Pacific white-sided dolphin Position: 159° / 883 m Dir: East; Behavior: Fast travel	Total 20 — 0 Calves at sighting
Fair	30%	3	Fuzzy / 2	08	11:20:00 PDT 18:20-GMT SW ULW unidentified large whale Position: 118° / 5027 m Dir: West	Total 1 — 0 Calves at sighting
Fair	30%	3	Fuzzy / 2	09	11:21:00 PDT 18:21-GMT V Private-Sportfishing-- • Position: 103° / 3088 m Dir: West	1 vessel
Fair	30%	3	Fuzzy / 2	10	11:42:00 PDT 18:42-GMT SD Lo Pacific white-sided dolphin Position: 215° / 883 m Dir: East; Behavior: Moderate travel • Foraging	Total 40 — 0 Calves at sighting
Fair	30%	3	Fuzzy / 2	11	11:48:00 PDT 18:48-GMT V Airship--Helicopter- • N343AA Position: 174° / 300 m Dir: West	1 vessel
Fair	30%	2	Fuzzy / 2	12	12:15:00 PDT 19:15-GMT SD D sp Common dolphin species Position: 206° / 1403 m Dir: East; Behavior: Moderate travel • Foraging	Total 1000 — 0 Calves at sighting
Fair	30%	2	Fuzzy / 2	13	12:23:00 PDT 19:23-GMT S Er Gray whale (northbound) Position: 182° / 3528 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Fair	30%	2	Fuzzy / 2	14	12:24:00 PDT 19:24-GMT V Oil services-Crew boat-- • Position: 277° / 3528 m Dir: South	1 vessel
Fair	30%	2	Fuzzy / 2	15	12:55:00 PDT 19:55-GMT V Fish Commercial-Urchin Diving-- • 602475 Position: 102° / 2749 m Dir: West	1 vessel
Fair	30%	2	Fuzzy / 2	16	13:09:00 PDT 20:09-GMT S Er Gray whale (northbound) Position: 137° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	30%	2	Fuzzy / 2	17	13:12:00 PDT 20:12-GMT S Er Gray whale (northbound) Position: 153° / 1331 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	30%	2	Fuzzy / 2	18	13:23:00 PDT 20:23-GMT V Touring-Urchin Diving-- • 13148 Position: 124° / 1922 m Dir: West	1 vessel
Fair	30%	2	Fuzzy / 2	19	13:30:00 PDT 20:30-GMT SD Tt Bottlenose dolphin Position: 218° / 1674 m Dir: West	Total 4 — 1 Calf at sighting
Fair	30%	2	Fuzzy / 2	20	13:31:00 PDT 20:31-GMT SD Tt Bottlenose dolphin Position: 173° / 264 m Dir: West	Total 3 — 0 Calves at sighting
Fair	30%	2	Fuzzy / 2	21	13:42:00 PDT 20:42-GMT Images: 6467-6471 S Er Gray whale (northbound) Position: 145° / 1483 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	30%	1	Fuzzy / 2	22	13:57:00 PDT 20:57-GMT V Private--Jet-ski- • Position: 119° / 1106 m Dir: West	1 vessel
Fair	30%	1	Fuzzy / 2	23	14:33:00 PDT 21:33-GMT S Er Gray whale (northbound) Position: 203° / 3088 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
CCvr	Bft	Horizon	Viz	Code		
Fair	30%	1	Fuzzy / 2	24	14:36:00 PDT 21:36-GMT V Oil services-Crew boat-- • Position: 276° / 3528 m Dir: South	1 vessel
Fair	30%	1	Fuzzy / 2	25	14:44:00 PDT 21:44-GMT SW Er Gray whale (southbound) Position: 197° / 539 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	30%	1	Fuzzy / 2	26	15:02:00 PDT 22:02-GMT S Er Gray whale (northbound) Position: 192° / 3088 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	30%	1	Fuzzy / 2	27	15:06:00 PDT 22:06-GMT V Airship--Helicopter- • N343AA Position: 174° / 250 m Dir: ni	1 vessel
Fair	30%	1	Fuzzy / 2	28	15:20:00 PDT 22:20-GMT S Er Gray whale (northbound) Position: 182° / 3528 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	30%	1	Fuzzy / 2	29	15:37:00 PDT 22:37-GMT V Airship--Helicopter- • N343AA Position: 174° / 250 m Dir: ni	1 vessel
Fair	30%	2	Fuzzy / 2	30	16:10:00 PDT 23:10-GMT V Fish Commercial-Lobster/Crab-- • L13127 Position: 231° / 1403 m Dir: East	1 vessel
Fair	30%	2	Fuzzy / 2	31	16:54:00 PDT 23:54-GMT V Fish Commercial-Urchin Diving-- • Sea Fever Position: 274° / 3088 m Dir: East	1 vessel

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CCvr	Bft	Horizon	Viz		Time	Species / Vessel Type	
Fair	10%	0	Fuzzy / 2	01	8:59:00 PDT 15:59-GMT S Er Gray whale (northbound) Position: 122° / 3528 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting	
Fair	10%	0	Fuzzy / 2	02	9:01:00 PDT 16:01-GMT SD D sp Common dolphin species Position: 186° / 3088 m Dir: West; Behavior: Moderate travel	Total 2500 — 0 Calves at sighting	
Fair	10%	0	Fuzzy / 2	03	9:47:00 PDT 16:47-GMT V Oil services-Crew boat-- • Position: 144° / 2749 m Dir: West	1 vessel	
Fair	10%	0	Fuzzy / 2	04	9:52:00 PDT 16:52-GMT SW Mn Humpback whale Position: 178° / 3528 m Dir: South; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting	
Fair	10%	0	Fuzzy / 2	05	10:04:00 PDT 17:04-GMT Images: 6493-6493 SP Pv Harbor seal Position: 179° / 183 m Dir: East; Behavior: in surf zone • Slow travel	Total 2 — 0 Pups at sighting	
Fair	10%	0	Fuzzy / 2	06	10:24:00 PDT 17:24-GMT V Oil services-Crew boat-- • Position: 254° / 3088 m Dir: South	1 vessel	
Fair	10%	0	Fuzzy / 2	07	10:54:00 PDT 17:54-GMT Images: 6495-6541 V Private--Jet-ski- • Position: 107° / 1922 m Dir: West	1 vessel	
Fair	10%	0	Fuzzy / 2	08	11:59:00 PDT 18:59-GMT V Research-Obsevation-- • Santa Barbara Channel Position: 108° / 2260 m Dir: No direction	1 vessel	
Fair	10%	0	Fuzzy / 2	09	12:50:00 PDT 19:50-GMT V Fish Commercial-Lobster/Crab-- • L72681 Position: 267° / 2749 m Dir: East	1 vessel	
Fair	10%	0	Fuzzy / 2	10	13:02:00 PDT 20:02-GMT SW Mn Humpback whale Position: 166° / 5027 m Dir: No direction; Behavior: Slow travel • Milling	Total 2 — 0 Calves at sighting	
Fair	10%	0	Fuzzy / 2	11	13:18:00 PDT 20:18-GMT V Oil services-Crew boat-- • Position: 259° / 3528 m Dir: South	1 vessel	

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	10%	0	Fuzzy / 2	12	13:27:00 PDT 20:27-GMT V Private-Sportfishing-- ● Position: 246° / 1674 m Dir: East	1 vessel
Fair	10%	0	Fuzzy / 2	13	13:50:00 PDT 20:50-GMT S Er Gray whale (northbound) Position: 223° / 3528 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	14	14:02:00 PDT 21:02-GMT S Er Gray whale (northbound) Position: 166° / 883 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	15	14:09:00 PDT 21:09-GMT V Fish Commercial-Lobster/Crab-- ● Kaylee J Position: 261° / 2749 m Dir: East	1 vessel
Fair	10%	0	Fuzzy / 2	16	14:39:00 PDT 21:39-GMT V Oil services-Crew boat-- ● Position: 182° / 1922 m Dir: South	1 vessel
Fair	10%	0	Fuzzy / 2	17	14:42:00 PDT 21:42-GMT V Airship--Helicopter- ● Position: 174° / 250 m Dir: West	1 vessel
Fair	10%	0	Fuzzy / 2	18	15:19:00 PDT 22:19-GMT V Airship--Helicopter- ● SBOP Position: 174° / 300 m Dir: West	1 vessel
Fair	10%	0	Fuzzy / 2	19	15:23:00 PDT 22:23-GMT V Oil services-Crew boat-- ● Position: 296° / 3528 m Dir: South	1 vessel
Fair	10%	0	Fuzzy / 2	20	15:29:00 PDT 22:29-GMT V Private-Cruising-RHIB- ● Position: 114° / 2749 m Dir: West	1 vessel
Fair	10%	0	Fuzzy / 2	21	15:31:00 PDT 22:31-GMT V Oil services-Crew boat-- ● Position: 119° / 5027 m Dir: West	1 vessel
Fair	10%	0	Fuzzy / 2	22	15:38:00 PDT 22:38-GMT V Fish Commercial-Urchin Diving-- ● Position: 192° / 2749 m Dir: East	1 vessel
Fair	10%	3	Fuzzy / 2	23	16:36:00 PDT 23:36-GMT V Fish Commercial-Urchin Diving-- ● Position: 219° / 3088 m Dir: East	1 vessel
Fair	10%	3	Fuzzy / 2	24	16:43:00 PDT 23:43-GMT V Oil services-Crew boat-- ● Position: 282° / 3528 m Dir: South	1 vessel
Fair	10%	3	Fuzzy / 2	25	16:49:00 PDT 23:49-GMT SW ULW unidentified large whale Position: 199° / 3528 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

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CCvr	Bft	Horizon	Viz		Time	Species / Vessel Type	
Poor	20%	1	Sharp / 2	01	9:06:00 PDT 16:06-GMT S Er Gray whale (northbound) Position: 120° / 2260 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting	
Poor	20%	1	Sharp / 2	02	9:07:00 PDT 16:07-GMT S Er Gray whale (northbound) Position: 123° / 3528 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting	
Poor	20%	1	Sharp / 2	03	9:10:00 PDT 16:10-GMT S Er Gray whale (northbound) Position: 151° / 1922 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting	
Poor	20%	1	Sharp / 2	04	9:11:00 PDT 16:11-GMT S Er Gray whale (northbound) Position: 144° / 2749 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting	
Poor	20%	1	Sharp / 2	05	9:15:00 PDT 16:15-GMT S Er Gray whale (northbound) Position: 132° / 3528 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting	

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Poor	20%	1	Sharp / 2	06	9:35:00 PDT SD	16:35-GMT Lo Pacific white-sided dolphin Position: 181° / 1674 m Dir: East; Behavior: Moderate travel	Total 60 — 0 Calves at sighting
Poor	20%	1	Sharp / 2	07	9:37:00 PDT S	16:37-GMT Er Gray whale (northbound) Position: 132° / 3528 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	10%	3	Fuzzy / 2	08	9:51:00 PDT S	16:51-GMT Er Gray whale (northbound) Position: 153° / 574 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	10%	3	Fuzzy / 2	09	9:55:00 PDT S	16:55-GMT Er Gray whale (northbound) Position: 135° / 550 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	10%	3	Fuzzy / 2	10	10:05:00 PDT S	17:05-GMT Er Gray whale (northbound) Position: 136° / 2749 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	10%	3	Fuzzy / 2	11	10:21:00 PDT SD	17:21-GMT Tt Bottlenose dolphin Position: 169° / 231 m Dir: East; Behavior: Moderate travel	Total 3 — 0 Calves at sighting
Poor	10%	3	Fuzzy / 2	12	10:39:00 PDT V	17:39-GMT Oil services-Crew boat-- ● Position: 234° / 3088 m Dir: South	1 vessel
Poor	10%	3	Fuzzy / 2	13	10:44:00 PDT V	17:44-GMT Oil services-Crew boat-- ● Position: 239° / 3088 m Dir: No direction	1 vessel
Poor	10%	3	Fuzzy / 2	14	10:50:00 PDT V	17:50-GMT Research-Diving--UCSB ● Position: 279° / 3088 m Dir: East	1 vessel
Fair	10%	3	Fuzzy / 2	15	10:56:00 PDT SP	17:56-GMT Pv Harbor seal Position: 195° / 40 m Dir: West; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	10%	2	Fuzzy / 2	16	11:22:00 PDT V	18:22-GMT Fish Commercial-Urchin Diving-- ● 26072 Position: 264° / 1922 m Dir: East	1 vessel
Fair	10%	2	Fuzzy / 2	17	11:26:00 PDT SP	18:26-GMT Pv Harbor seal Position: 174° / 778 m Dir: West; Behavior: in open water	Total 1 — 0 Pups at sighting
Poor	10%	2	NV / 1.7	18	12:01:00 PDT S	19:01-GMT Er Gray whale (northbound) Position: 135° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	20%	2	NV / 1.7	19	12:45:00 PDT V	19:45-GMT Oil services-Crew boat-- ● Position: 233° / 3088 m Dir: No direction	1 vessel
Poor	20%	2	NV / 1.7	20	12:56:00 PDT S	19:56-GMT Er Gray whale (northbound) Position: 228° / 5027 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	20%	2	Fuzzy / 2	21	13:03:00 PDT V	20:03-GMT Fish Commercial-Urchin Diving-- ● Ocean Pearl Position: 126° / 1483 m Dir: West	1 vessel
Good	20%	2	Fuzzy / 2	22	13:20:00 PDT V	20:20-GMT Images: 6564-6570 Fish Commercial-Diving-- ● Vision Position: 99° / 3088 m Dir: West	1 vessel
Good	20%	2	Fuzzy / 2	23	13:41:00 PDT V	20:41-GMT Airship--Helicopter- ● N343AA Position: 174° / 800 m Dir: East	1 vessel
Good	20%	2	Fuzzy / 2	24	13:47:00 PDT V	20:47-GMT Fish Commercial-Urchin Diving-- ● 57230 Position: 149° / 3088 m Dir: East	1 vessel

2012 All Sighting Numbers, raw

Sighting Number	Time Code	Species / Vessel Type	
Good 20% 2 Fuzzy / 2	25 13:51:00 PDT	20:51-GMT S Er Gray whale (northbound) Position: 150° / 5027 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Good 20% 2 Fuzzy / 2	26 14:34:00 PDT	21:34-GMT V Oil services-Crew boat-- • Position: 274° / 3528 m Dir: South	1 vessel
Good 20% 2 Fuzzy / 2	27 14:38:00 PDT	21:38-GMT V Airship--Helicopter- • N343AA Position: 174° / 200 m Dir: West	1 vessel
Good 20% 2 Fuzzy / 2	28 15:21:00 PDT	22:21-GMT S Er Gray whale (northbound) Position: 127° / 1483 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 20% 2 Fuzzy / 2	29 16:12:00 PDT	23:12-GMT SD D sp Common dolphin species Position: 230° / 1331 m Dir: East; Behavior: Moderate travel • Leap	Total 300 — 0 Calves at sighting
Good 20% 2 Fuzzy / 2	30 16:24:00 PDT	23:24-GMT S Er Gray whale (northbound) Position: 179° / 1922 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting

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CCvr	Bft	Horizon - Viz	Sighting Number	Time Code	Species / Vessel Type	
Poor	40%	2 Fuzzy / 2	01	9:08:00 PDT	16:08-GMT V Oil services-Crew boat-- • Position: 262° / 3528 m Dir: South	1 vessel
Poor	40%	2 Fuzzy / 2	02	9:08:00 PDT	16:08-GMT V Oil services-Crew boat-- • Position: 240° / 3088 m Dir: No direction	1 vessel
Poor	40%	2 Fuzzy / 2	03	9:10:00 PDT	16:10-GMT Images: 6583-6586 V Enforcement-Obsevation--Coast Guard • Marian Position: 134° / 3088 m Dir: West	1 vessel
Poor	90%	2 Fuzzy / 2	04	9:30:00 PDT	16:30-GMT S Er Gray whale (northbound) Position: 164° / 946 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	100	3 Fuzzy / 2	05	9:58:00 PDT	16:58-GMT V Touring-Whale watching-- • Position: 144° / 3088 m Dir: West	1 vessel
Poor	100	3 Fuzzy / 2	06	10:25:00 PDT	17:25-GMT SP Pv Harbor seal Position: 189° / 25 m Dir: East; Behavior: Moderate travel	Total 1 — 0 Pups at sighting
Poor	100	3 Fuzzy / 2	07	10:56:00 PDT	17:56-GMT V Oil services-Crew boat-- • Position: 282° / 3528 m Dir: South	1 vessel
Poor	100	3 Fuzzy / 2	08	11:35:00 PDT	18:35-GMT SP Pv Harbor seal Position: 122° / 600 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Poor	100	3 Fuzzy / 2	09	11:51:00 PDT	18:51-GMT Images: 6579-6582 V Airship--Helicopter- • Childrens Hospital LA Position: 174° / 100 m Dir: East	1 vessel
Poor	100	3 Fuzzy / 2	10	12:09:00 PDT	19:09-GMT SD Tt Bottlenose dolphin Position: 132° / 778 m Dir: No direction; Behavior: Milling	Total 2 — 0 Calves at sighting
Poor	100	3 Fuzzy / 2	11	12:10:00 PDT	19:10-GMT S Er Gray whale (northbound) Position: 135° / 1922 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Poor	100	3 Fuzzy / 2	12	12:22:00 PDT	19:22-GMT V Fish Commercial-Urchin Diving-- • Position: 189° / 778 m Dir: West	1 vessel
Poor	100	3 Fuzzy / 2	13	12:27:00 PDT	19:27-GMT V Private-Sportfishing-- • Position: 251° / 913 m Dir: East	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
CCvr	Bft	Horizon	Viz	Code		
Poor	100	3	Fuzzy / 2	14 12:42:00 PDT	19:42-GMT Er Gray whale (northbound) Position: 105° / 3528 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	100	3	Fuzzy / 2	15 12:46:00 PDT	19:46-GMT Touring-Whale watching-- • Position: 104° / 3528 m Dir: East	1 vessel
Poor	100	3	Fuzzy / 2	16 13:15:00 PDT	20:15-GMT Er Gray whale (northbound) Position: 177° / 264 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	90%	2	Fuzzy / 2	17 13:43:00 PDT	20:43-GMT Tt Bottlenose dolphin Position: 143° / 314 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	90%	2	Fuzzy / 2	18 13:59:00 PDT	20:59-GMT Er Gray whale (northbound) Position: 130° / 2749 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Poor	80%	2	Fuzzy / 2	19 14:38:00 PDT	21:38-GMT Oil services-Crew boat-- • Position: 289° / 3528 m Dir: South	1 vessel
Poor	80%	2	Fuzzy / 2	20 14:39:00 PDT	21:39-GMT Airship--Blimp- • Nickelodeon Position: 174° / 150 m Dir: East	1 vessel
Poor	80%	2	Fuzzy / 2	21 14:40:00 PDT	21:40-GMT Pv Harbor seal Position: 147° / 280 m Dir: No direction	Total 1 — 0 Pups at sighting
Poor	90%	1	Fuzzy / 2	22 14:47:00 PDT	21:47-GMT D sp Common dolphin species Position: 192° / 5027 m Dir: East; Behavior: Moderate travel	Total 200 — 0 Calves at sighting
Poor	90%	1	Fuzzy / 2	23 15:52:00 PDT	22:52-GMT Fish Commercial-Lobster/Crab-- • L13127 Position: 227° / 1403 m Dir: East	1 vessel
Poor	90%	1	Fuzzy / 2	24 15:59:00 PDT	22:59-GMT Airship--Helicopter- • SBOP Position: 174° / 250 m Dir: West	1 vessel
Poor	90%	1	Fuzzy / 2	25 16:05:00 PDT	23:05-GMT Er Gray whale (northbound) Position: 112° / 3528 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	90%	1	Fuzzy / 2	26 16:34:00 PDT	23:34-GMT Private-Cruising-Jet-ski- • Position: 119° / 2260 m Dir: East	2 vessels
Poor	90%	1	Fuzzy / 2	27 16:36:00 PDT	23:36-GMT Oil services-Crew boat-- • Position: 281° / 3528 m Dir: South	1 vessel

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CCvr	Bft	Horizon	Viz	Sighting Number	Time	Species / Vessel Type	
Poor	100	1	Fuzzy / 2	01	9:47:00 PDT	16:47-GMT Tt Bottlenose dolphin Position: 142° / 338 m Dir: East; Behavior: Moderate travel	Total 3 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	02	9:54:00 PDT	16:54-GMT Er Gray whale (northbound) Position: 152° / 2749 m Dir: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	03	10:00:00 PDT	17:00-GMT Touring-Whale watching-- • Condor Express Position: 160° / 2749 m Dir: West	1 vessel
Poor	100	1	Fuzzy / 2	04	10:21:00 PDT	17:21-GMT Er Gray whale (northbound) Position: 117° / 3528 m Dir: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	05	10:22:00 PDT	17:22-GMT Oil services-Crew boat-- • Position: 244° / 3528 m Dir: South	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Poor	100	1	Fuzzy / 2	06	10:37:00 PDT 17:37-GMT V Private-Sportfishing-- ● Position: 154° / 2260 m Dir: West	1 vessel
Poor	100	1	Fuzzy / 2	07	11:00:00 PDT 18:00-GMT V Fish Commercial-Lobster/Crab-- ● 52330 Position: 167° / 2260 m Dir: East	1 vessel
Poor	100	1	Fuzzy / 2	08	11:17:00 PDT 18:17-GMT Images: 6589; 6597-6599 S Er Gray whale (northbound) Position: 119° / 2260 m Dir: West; Behavior: Slow travel ● Fluke	Total 3 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	09	11:37:00 PDT 18:37-GMT Images: 6601-6606 V Enforcement---Coast Guard ● Position: 164° / 3088 m Dir: West	1 vessel
Poor	100	2	Fuzzy / 2	10	12:04:00 PDT 19:04-GMT V Private-Cruising-- ● Position: 116° / 2260 m Dir: West	1 vessel
Poor	100	2	Fuzzy / 2	11	12:12:00 PDT 19:12-GMT SP Pv Harbor seal Position: 96° / 913 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Poor	100	2	Fuzzy / 2	12	12:22:00 PDT 19:22-GMT S Er Gray whale (northbound) Position: 186° / 3088 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Poor	80%	1	Fuzzy / 2	13	12:45:00 PDT 19:45-GMT V Airship--Helicopter- ● SBOP Position: 174° / 500 m Dir: East	1 vessel
Poor	80%	1	Fuzzy / 2	14	12:55:00 PDT 19:55-GMT V Airship--Helicopter- ● SBOP Position: 174° / 500 m Dir: West	1 vessel
Poor	80%	1	Fuzzy / 2	15	13:07:00 PDT 20:07-GMT SD D sp Common dolphin species Position: 159° / 3528 m Dir: East; Behavior: Moderate travel ● Parade Line	Total 150 — 0 Calves at sighting
Poor	80%	1	Fuzzy / 2	16	13:09:00 PDT 20:09-GMT SD D sp Common dolphin species Position: 130° / 5027 m Dir: East; Behavior: Moderate travel ● Parade Line	Total 800 — 0 Calves at sighting
Poor	80%	1	Fuzzy / 2	17	13:16:00 PDT 20:16-GMT V Oil services-Crew boat-- ● Position: 265° / 3528 m Dir: South	1 vessel
Poor	80%	1	Fuzzy / 2	18	13:27:00 PDT 20:27-GMT S Er Gray whale (northbound) Position: 126° / 3528 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	70%	1	Fuzzy / 2	19	13:30:00 PDT 20:30-GMT SP Pv Harbor seal Position: 179° / 227 m Dir: East; Behavior: Slow travel ● in kelp	Total 1 — 0 Pups at sighting
Poor	70%	1	Fuzzy / 2	20	13:36:00 PDT 20:36-GMT S Er Gray whale (northbound) Position: 107° / 3528 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	70%	1	Fuzzy / 2	21	14:04:00 PDT 21:04-GMT S Er Gray whale (northbound) Position: 130° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	10%	1	Sharp / 3	22	14:48:00 PDT 21:48-GMT SW ULW unidentified large whale Position: 116° / 5027 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	10%	1	Sharp / 3	23	14:54:00 PDT 21:54-GMT V Airship--Helicopter- ● SBOP Position: 174° / 500 m Dir: ni	1 vessel
Good	10%	1	Sharp / 3	24	14:58:00 PDT 21:58-GMT S Er Gray whale (northbound) Position: 228° / 2260 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Good	10%	1	Sharp / 3	25	15:22:00 PDT 22:22-GMT S	Er Gray whale (northbound) Position: 126° / 2749 m Dir: West; Behavior: Slow travel • Fluke Total 4 — 0 Calves at sighting
Good	10%	1	Sharp / 3	26	15:22:00 PDT 22:22-GMT S	Er Gray whale (northbound) Position: 131° / 5027 m Dir: West; Behavior: Slow travel • Fluke Total 3 — 0 Calves at sighting
Fair	10%	3	Sharp / 3	27	16:16:00 PDT 23:16-GMT V	Oil services-Crew boat-- • Position: 240° / 3528 m Dir: South 1 vessel
Fair	10%	3	Sharp / 3	28	16:59:00 PDT 23:59-GMT S	Er Gray whale (northbound) Position: 217° / 2749 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Mar 25 Day 42 of 98						
	CCvr	Bft	Horizon - Viz			
Poor	100	4	Fuzzy / 2	01	9:21:00 PDT 16:21-GMT S	Er Gray whale (northbound) Position: 124° / 2260 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Mar 26 Day 43 of 98						
	CCvr	Bft	Horizon - Viz			
Fair	10%	1	Fuzzy / 2	01	9:28:00 PDT 16:28-GMT SD	Tt Bottlenose dolphin Position: 227° / 253 m Dir: East; Behavior: Slow travel Total 4 — 0 Calves at sighting
Fair	10%	1	Fuzzy / 2	02	9:36:00 PDT 16:36-GMT SP	Pv Harbor seal Position: 178° / 188 m Dir: East; Behavior: Slow travel Total 1 — 0 Pups at sighting
Fair	10%	1	Fuzzy / 2	03	9:44:00 PDT 16:44-GMT V	Private-Sportfishing-- • Position: 152° / 1922 m Dir: West 1 vessel
Fair	10%	2	Fuzzy / 3	04	9:59:00 PDT 16:59-GMT S	Er Gray whale (northbound) Position: 148° / 5027 m Dir: No direction Total 4 — 0 Calves at sighting
Fair	10%	2	Fuzzy / 3	05	10:13:00 PDT 17:13-GMT V	Airship--Helicopter- • SBOP Position: 174° / 300 m Dir: East 1 vessel
Fair	10%	2	Fuzzy / 3	06	10:15:00 PDT 17:15-GMT V	Oil services-Crew boat-- • Position: 283° / 3528 m Dir: North 1 vessel
Good	10%	2	Fuzzy / 3	07	10:23:00 PDT 17:23-GMT S	Er Gray whale (northbound) Position: 136° / 3088 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	10%	2	Fuzzy / 3	08	10:24:00 PDT 17:24-GMT V	Fish Commercial-Urchin Diving-- • 602475 Position: 135° / 1106 m Dir: West 1 vessel
Good	10%	2	Fuzzy / 3	09	11:32:00 PDT 18:32-GMT SD	Tt Bottlenose dolphin Position: 118° / 913 m Dir: No direction; Behavior: Leap • Foraging Total 6 — 0 Calves at sighting
Excellent	10%	2	Fuzzy / 3	10	11:55:00 PDT 18:55-GMT V	Oil services-Crew boat-- • Position: 206° / 2749 m Dir: West 1 vessel
Excellent	10%	2	Fuzzy / 3	11	12:43:00 PDT 19:43-GMT SD	Tt Bottlenose dolphin Position: 216° / 426 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Excellent	10%	2	Fuzzy / 3	12	12:48:00 PDT 19:48-GMT V	Fish Commercial-Urchin Diving-- • Position: 128° / 3088 m Dir: West 1 vessel
Excellent	10%	2	Fuzzy / 3	13	13:39:00 PDT 20:39-GMT V	Fish Commercial-Urchin Diving-- • Position: 136° / 3088 m Dir: West 1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Excellent	10%	2	Fuzzy / 3	14	13:49:00 PDT 20:49-GMT V Private-Cruising-- ● Position: 103° / 1922 m Dir: West	1 vessel
Good	10%	2	Fuzzy / 3	15	14:35:00 PDT 21:35-GMT S Er Gray whale (northbound) Position: 148° / 1483 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	10%	2	Fuzzy / 3	16	14:45:00 PDT 21:45-GMT V Oil services-Crew boat-- ● Position: 251° / 3088 m Dir: South	1 vessel
Good	10%	2	Fuzzy / 3	17	14:50:00 PDT 21:50-GMT V Fish Commercial-Urchin Diving-- ● 8827HK Position: 108° / 2260 m Dir: West	1 vessel
Good	40%	2	Fuzzy / 3	18	15:06:00 PDT 22:06-GMT Images: 6662-6665 V Private-Sportfishing-- ● Position: 186° / 388 m Dir: West	1 vessel
Good	40%	2	Fuzzy / 3	19	15:10:00 PDT 22:10-GMT S Er Gray whale (northbound) Position: 114° / 3528 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	40%	2	Fuzzy / 3	20	15:25:00 PDT 22:25-GMT SD Tt Bottlenose dolphin Position: 230° / 574 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	60%	3	Fuzzy / 3	21	15:42:00 PDT 22:42-GMT Images: 6678-6682 V Fish Commercial-Lobster/Crab-- ● L13127 Position: 214° / 1483 m Dir: East	1 vessel
Fair	60%	3	Fuzzy / 3	22	15:59:00 PDT 22:59-GMT S Er Gray whale (northbound) Position: 105° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	60%	3	Fuzzy / 3	23	16:20:00 PDT 23:20-GMT S Er Gray whale (northbound) Position: 168° / 3528 m Dir: West; Behavior: Slow travel ● Fluke	Total 2 — 0 Calves at sighting
Fair	60%	3	Fuzzy / 3	24	16:51:00 PDT 23:51-GMT S Er Gray whale (northbound) Position: 136° / 827 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

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CCvr	Bft	Horizon	Viz		Time	Species / Vessel Type	
Poor	80%	1	Fuzzy / 2	01	9:09:00 PDT 16:09-GMT V Private-Sportfishing-- ● Position: 217° / 3088 m Dir: West	1 vessel	
Poor	80%	1	Fuzzy / 2	02	9:17:00 PDT 16:17-GMT V Airship--Airplane-Military ● C130 Position: 174° / 600 m Dir: West	1 vessel	
Poor	70%	1	Fuzzy / 2	03	9:32:00 PDT 16:32-GMT V Oil services-Crew boat-- ● Position: 236° / 2749 m Dir: South	1 vessel	
Poor	70%	1	Fuzzy / 2	04	9:33:00 PDT 16:33-GMT S Er Gray whale (northbound) Position: 116° / 1106 m Dir: West; Behavior: Slow travel ● Fluke	Total 1 — 0 Calves at sighting	
Fair	60%	2	Fuzzy / 2	05	9:51:00 PDT 16:51-GMT V Research-Diving--UCSB ● Position: 136° / 1483 m Dir: West	1 vessel	
Fair	60%	2	Fuzzy / 2	06	10:19:00 PDT 17:19-GMT SD Tt Bottlenose dolphin Position: 124° / 528 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting	
Fair	60%	2	Fuzzy / 2	07	10:21:00 PDT 17:21-GMT SD Tt Bottlenose dolphin Position: 113° / 735 m Dir: West; Behavior: Slow travel	Total 6 — 0 Calves at sighting	
Fair	60%	2	Fuzzy / 2	08	10:25:00 PDT 17:25-GMT SP Pv Harbor seal Position: 171° / 264 m Dir: East; Behavior: Slow travel	Total 1 — 0 Pups at sighting	

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	60%	2	Fuzzy / 2	09	10:27:00 PDT SD	17:27-GMT Tt Bottlenose dolphin Position: 254° / 314 m Dir: No direction; Behavior: Milling	Total 3 — 0 Calves at sighting
Fair	60%	2	Fuzzy / 2	10	10:40:00 PDT SD	17:40-GMT D sp Common dolphin species Position: 229° / 3088 m Dir: East; Behavior: Foraging	Total 200 — 0 Calves at sighting
Fair	60%	2	Fuzzy / 2	11	10:44:00 PDT V	17:44-GMT Oil services-Crew boat-- ● Position: 284° / 3528 m Dir: South	1 vessel
Fair	20%	2	Fuzzy / 2	12	11:25:00 PDT S	18:25-GMT Er Gray whale (northbound) Position: 157° / 5027 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	20%	2	Fuzzy / 2	13	11:34:00 PDT S	18:34-GMT Er Gray whale (northbound) Position: 157° / 5027 m Dir: West; Behavior: Slow travel ● Fluke	Total 3 — 0 Calves at sighting
Fair	20%	2	Fuzzy / 2	14	11:50:00 PDT S	18:50-GMT Er Gray whale (northbound) Position: 171° / 5027 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	20%	2	Fuzzy / 2	15	11:52:00 PDT S	18:52-GMT Images: 6657-6661 Er Gray whale (northbound) Position: 182° / 1106 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	10%	1	Fuzzy / 3	16	13:27:00 PDT V	20:27-GMT Airship--Helicopter- ● SBOP Position: 174° / 150 m Dir: West	1 vessel
Good	10%	2	Fuzzy / 3	17	13:32:00 PDT S	20:32-GMT Er Gray whale (northbound) Position: 146° / 3088 m Dir: West; Behavior: Slow travel ● Fluke	Total 4 — 0 Calves at sighting
Good	10%	2	Fuzzy / 3	18	13:50:00 PDT V	20:50-GMT Fish Commercial-Lobster/Crab-- ● Kaylee J Position: 255° / 2260 m Dir: East	1 vessel
Good	10%	2	Fuzzy / 3	19	13:57:00 PDT V	20:57-GMT Touring-Whale watching-- ● Condor Express Position: 180° / 2749 m Dir: West	1 vessel
Good	10%	3	Fuzzy / 3	20	14:35:00 PDT SD	21:35-GMT D sp Common dolphin species Position: 175° / 3528 m Dir: East; Behavior: Moderate travel ● Leap	Total 300 — 0 Calves at sighting
Good	10%	3	Fuzzy / 3	21	14:40:00 PDT S	21:40-GMT Er Gray whale (northbound) Position: 184° / 2260 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	40%	3	Sharp / 3	22	14:42:00 PDT V	21:42-GMT Fish Commercial-Urchin Diving-- ● Position: 198° / 2260 m Dir: East	1 vessel
Good	40%	3	Sharp / 3	23	15:05:00 PDT V	22:05-GMT Airship--Helicopter- ● SBOP Position: 174° / 600 m Dir: West	1 vessel
Good	40%	3	Sharp / 3	24	15:09:00 PDT SP	22:09-GMT Pv Harbor seal Position: 206° / 197 m Dir: East; Behavior: in surf zone ● Slow travel	Total 1 — 0 Pups at sighting
Good	40%	3	Sharp / 3	25	15:25:00 PDT S	22:25-GMT Er Gray whale (northbound) Position: 117° / 3528 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	40%	3	Sharp / 3	26	15:43:00 PDT V	22:43-GMT Private-Cruising-- ● Position: 221° / 1331 m Dir: East	1 vessel
Fair	40%	3	Sharp / 3	27	16:06:00 PDT V	23:06-GMT Fish Commercial-Urchin Diving-- ● Position: 223° / 2749 m Dir: East	1 vessel

2012 All Sighting Numbers, raw

Sighting Number	Time Code	Species / Vessel Type	
Fair 40% 3 Sharp / 3	28 16:13:00 PDT	23:13-GMT SW ULW unidentified large whale Position: 143° / 3528 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 40% 3 Sharp / 3	29 16:23:00 PDT	23:23-GMT SD Tt Bottlenose dolphin Position: 197° / 528 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 40% 3 Sharp / 3	30 16:30:00 PDT	23:30-GMT V Oil services-Crew boat-- ● Position: 244° / 3088 m Dir: South	1 vessel
Fair 40% 3 Sharp / 3	31 16:36:00 PDT	23:36-GMT SD Tt Bottlenose dolphin Position: 171° / 455 m Dir: East	Total 3 — 0 Calves at sighting
Fair 40% 3 Sharp / 3	32 16:54:00 PDT	23:54-GMT SD Tt Bottlenose dolphin Position: 173° / 249 m Dir: East	Total 2 — 0 Calves at sighting

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CCvr	Bft	Horizon - Viz	Sighting Number	Time Code	Species / Vessel Type	
Fair	40%	1 Fuzzy / 1	01	9:06:00 PDT	16:06-GMT V Oil services-Crew boat-- ● Position: 234° / 3528 m Dir: No direction	1 vessel
Fair	80%	1 Fuzzy / 1	02	9:27:00 PDT	16:27-GMT V Airship--Helicopter- ● Position: 174° / 25 m Dir: West	1 vessel
Fair	80%	1 Fuzzy / 1	03	9:39:00 PDT	16:39-GMT V Oil services-Crew boat-- ● Position: 262° / 3528 m Dir: North	1 vessel
Poor	90%	3 Fuzzy / 2	04	10:11:00 PDT	17:11-GMT SD Lo Pacific white-sided dolphin Position: 182° / 946 m Dir: East; Behavior: Moderate travel ● Foraging	Total 40 — 0 Calves at sighting
Poor	90%	3 Fuzzy / 2	05	10:24:00 PDT	17:24-GMT S Er Gray whale (northbound) Position: 141° / 5027 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	80%	3 Fuzzy / 2	06	11:59:00 PDT	18:59-GMT S Er Gray whale (northbound) Position: 163° / 539 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	80%	3 Fuzzy / 2	07	12:34:00 PDT	19:34-GMT V Oil services-Crew boat-- ● Position: 291° / 3528 m Dir: South	1 vessel
Poor	80%	3 Fuzzy / 2	08	12:38:00 PDT	19:38-GMT V Touring-Whale watching-- ● Condor Express Position: 120° / 3088 m Dir: West	1 vessel
Poor	80%	3 Fuzzy / 2	09	13:19:00 PDT	20:19-GMT S Er Gray whale (northbound) Position: 109° / 2260 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	80%	3 Fuzzy / 2	10	13:34:00 PDT	20:34-GMT S Er Gray whale (northbound) Position: 192° / 3088 m Dir: West; Behavior: Slow travel ● Fluke	Total 3 — 0 Calves at sighting
Poor	80%	3 Fuzzy / 2	11	14:15:00 PDT	21:15-GMT V Fish Commercial-Urchin Diving-- ● Jonny Lynn Position: 273° / 2260 m Dir: East	1 vessel
Poor	40%	1 Fuzzy / 2	12	14:47:00 PDT	21:47-GMT V Oil services-Crew boat-- ● Position: 264° / 3528 m Dir: South	1 vessel

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CCvr	Bft	Horizon - Viz	Sighting Number	Time Code	Species / Vessel Type	
Poor	100	3 Fuzzy / 2	01	9:06:00 PDT	16:06-GMT V Oil services-Crew boat-- ● Position: 248° / 3088 m Dir: South	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Poor	100	3	Fuzzy / 2	02	9:10:00 PDT V	16:10-GMT Fish Commercial-Line-- • FG70370 Position: 112° / 2749 m Dir: West 1 vessel
Poor	100	3	Fuzzy / 2	03	9:41:00 PDT V	16:41-GMT Touring-Whale watching-- • Condor Express Position: 151° / 3088 m Dir: West 1 vessel
Poor	100	3	Fuzzy / 2	04	10:11:00 PDT V	17:11-GMT Fish Commercial-Urchin Diving-- • Ocean Pearl Position: 113° / 3088 m Dir: West 1 vessel
Poor	100	3	Fuzzy / 2	05	10:21:00 PDT SD	17:21-GMT Tt Bottlenose dolphin Position: 184° / 231 m Dir: East; Behavior: Moderate travel • Leap Total 5 — 2 Calves at sighting
Poor	60%	3	Fuzzy / 2	06	10:45:00 PDT V	17:45-GMT Oil services-Crew boat-- • Position: 290° / 3528 m Dir: South 1 vessel
Poor	60%	4	Fuzzy / 2	07	11:53:00 PDT S	18:53-GMT Er Gray whale (northbound) Position: 146° / 3528 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	60%	4	Fuzzy / 2	08	11:59:00 PDT V	18:59-GMT Oil services-Crew boat-- • Position: 258° / 3088 m Dir: South 1 vessel
Poor	60%	4	Fuzzy / 2	09	12:51:00 PDT S	19:51-GMT Er Gray whale (northbound) Position: 132° / 1922 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	60%	4	Fuzzy / 2	10	13:05:00 PDT SD	20:05-GMT Lo Pacific white-sided dolphin Position: 189° / 1331 m Dir: West; Behavior: with Er • Milling Total 5 — 0 Calves at sighting
Fair	80%	4	Fuzzy / 2	11	13:16:00 PDT V	20:16-GMT Touring-Whale watching-- • Position: 244° / 1674 m Dir: West 1 vessel
Fair	60%	3	Fuzzy / 2	12	14:33:00 PDT S	21:33-GMT Er Gray whale (northbound) Position: 147° / 2749 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	50%	2	Fuzzy / 2	13	14:37:00 PDT V	21:37-GMT Oil services-Crew boat-- • Position: 255° / 3088 m Dir: South 1 vessel
Fair	50%	2	Fuzzy / 2	14	14:48:00 PDT S	21:48-GMT Er Gray whale (northbound) Position: 98° / 3528 m Dir: West; Behavior: Slow travel • Fluke Total 2 — 0 Calves at sighting
Fair	60%	1	Fuzzy / 2	15	15:49:00 PDT V	22:49-GMT Fish Commercial-Lobster/Crab-- • L13127 Position: 213° / 1483 m Dir: East 1 vessel
Fair	60%	1	Fuzzy / 2	16	15:51:00 PDT SP	22:51-GMT Pv Harbor seal Position: 119° / 629 m Dir: No direction; Behavior: in kelp Total 1 — 0 Pups at sighting
Fair	60%	1	Fuzzy / 2	17	16:01:00 PDT V	23:01-GMT Airship--Helicopter- • N343AA Position: 174° / 0 m Dir: West 1 vessel
Fair	60%	1	Fuzzy / 2	18	16:48:00 PDT SD	23:48-GMT Tt Bottlenose dolphin Position: 148° / 388 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting

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CCvr	Bft	Horizon	Viz	Sighting Number	Time	Species / Vessel Type	
Poor	70%	2	NV / 2	01	11:29:00 PDT S	18:29-GMT Er Gray whale (northbound) Position: 144° / 2749 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting	
Poor	70%	2	NV / 2	02	11:51:00 PDT SD	18:51-GMT Tt Bottlenose dolphin Position: 193° / 231 m Dir: East; Behavior: Slow travel Total 4 — 0 Calves at sighting	

2012 All Sighting Numbers, raw

Sighting Number			Time	Species / Vessel Type	
CCvr	Bft	Horizon - Viz	Code		
Poor	100	2 NV / 2	03 12:23:00 PDT	19:23-GMT Images: 6723-6752 S Er Gray whale (northbound) Position: 125° / 1922 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Poor	100	2 NV / 2	04 13:00:00 PDT	20:00-GMT SD Tt Bottlenose dolphin Position: 244° / 696 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	100	2 NV / 2	05 13:07:00 PDT	20:07-GMT Images: 6757-6766 V Touring-Whale watching-- ● Condor Express Position: 107° / 1922 m Dir: West	1 vessel
Poor	100	2 NV / 2	06 13:09:00 PDT	20:09-GMT SD Tt Bottlenose dolphin Position: 224° / 412 m Dir: East; Behavior: Moderate travel	Total 2 — 0 Calves at sighting
Poor	100	2 NV / 2	07 13:13:00 PDT	20:13-GMT S Er Gray whale (northbound) Position: 144° / 2749 m Dir: West; Behavior: Slow travel ● Fluke	Total 2 — 0 Calves at sighting
Poor	100	2 NV / 2	08 13:27:00 PDT	20:27-GMT Images: 6761-6762 S Er Gray whale (northbound) Position: 121° / 1106 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	90%	2 NV / 2	09 13:50:00 PDT	20:50-GMT V Private-Cruising-RHIB- ● Position: 109° / 1106 m Dir: West	1 vessel
Poor	90%	2 NV / 2	10 14:17:00 PDT	21:17-GMT SD Tt Bottlenose dolphin Position: 104° / 883 m Dir: West; Behavior: Moderate travel	Total 2 — 0 Calves at sighting
Poor	90%	2 NV / 2	11 14:27:00 PDT	21:27-GMT SD Tt Bottlenose dolphin Position: 133° / 356 m Dir: West; Behavior: Moderate travel	Total 3 — 0 Calves at sighting
Poor	90%	2 NV / 2	12 14:28:00 PDT	21:28-GMT SD Tt Bottlenose dolphin Position: 162° / 197 m Dir: West; Behavior: Moderate travel	Total 1 — 0 Calves at sighting
Poor	90%	2 NV / 2	13 14:37:00 PDT	21:37-GMT V Oil services-Crew boat-- ● Position: 104° / 2749 m Dir: West	1 vessel
Poor	90%	2 NV / 2	14 14:51:00 PDT	21:51-GMT V Oil services-Crew boat-- ● Position: 265° / 5027 m Dir: South	1 vessel
Poor	90%	1 Fuzzy / 2	15 15:28:00 PDT	22:28-GMT SP Pv Harbor seal Position: 171° / 185 m Dir: ni; Behavior: Moderate travel	Total 1 — 0 Pups at sighting
Poor	90%	1 Fuzzy / 2	16 15:31:00 PDT	22:31-GMT V Oil services-Crew boat-- ● Position: 265° / 3528 m Dir: South	1 vessel
Poor	90%	1 Fuzzy / 2	17 15:42:00 PDT	22:42-GMT V Oil services-Crew boat-- ● Position: 141° / 3088 m Dir: West	1 vessel
Poor	70%	0 Fuzzy / 2	18 16:09:00 PDT	23:09-GMT V Private-Cruising-- ● Position: 269° / 539 m Dir: East	1 vessel

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CCvr	Bft	Horizon - Viz	Time	Species / Vessel Type	
Poor	100	2 Fuzzy / 2	01 9:18:00 PDT	16:18-GMT S Er Gray whale (northbound) Position: 154° / 2749 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	100	2 Fuzzy / 2	02 9:45:00 PDT	16:45-GMT V Touring-Whale watching-- ● Condor Express Position: 142° / 2260 m Dir: West	1 vessel
Poor	100	1 Fuzzy / 2	03 10:23:00 PDT	17:23-GMT SD D sp Common dolphin species Position: 140° / 3528 m Dir: South; Behavior: Leap ● Moderate travel	Total 300 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
CCvr	Bft	Horizon	Viz	Code		
Poor	100	1	Fuzzy / 2	04 10:24:00 PDT	17:24-GMT V Airship--Helicopter- • N343AA Position: 174° / 300 m Dir: West	1 vessel
Poor	100	1	Fuzzy / 2	05 10:37:00 PDT	17:37-GMT SD Tt Bottlenose dolphin Position: 187° / 307 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	06 10:42:00 PDT	17:42-GMT SD Tt Bottlenose dolphin Position: 200° / 216 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	07 10:55:00 PDT	17:55-GMT SD D sp Common dolphin species Position: 200° / 3528 m Dir: West; Behavior: Moderate travel • Leap	Total 100 — 0 Calves at sighting
Fair	40%	2	Fuzzy / 2	08 11:55:00 PDT	18:55-GMT V Fish Commercial-Urchin Diving-- • Position: 131° / 3088 m Dir: West	1 vessel
Fair	40%	3	Fuzzy / 2	09 12:22:00 PDT	19:22-GMT V Oil services-Crew boat-- • Position: 260° / 3088 m Dir: South	1 vessel
Fair	40%	3	Fuzzy / 2	10 12:51:00 PDT	19:51-GMT V Private-Sportfishing-- • Position: 224° / 2749 m Dir: East	1 vessel
Fair	40%	3	Fuzzy / 2	11 12:51:00 PDT	19:51-GMT V Private-Sportfishing-- • Position: 222° / 2260 m Dir: East	1 vessel
Fair	30%	3	Fuzzy / 2	12 13:36:00 PDT	20:36-GMT V Private-Cruising-Sailboat motoring- • Position: 111° / 2749 m Dir: West	1 vessel
Fair	100	3	Fuzzy / 2	13 13:55:00 PDT	20:55-GMT V Airship--Airplane- • N2114R Position: 174° / 25 m Dir: West	1 vessel
Fair	100	3	Fuzzy / 2	14 14:05:00 PDT	21:05-GMT V Fish Commercial-Lobster/Crab-- • Kaylee J Position: 254° / 403 m Dir: No direction	1 vessel
Poor	100	2	Fuzzy / 2	15 15:15:00 PDT	22:15-GMT S Er Gray whale (northbound) Position: 115° / 1483 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Poor	100	2	Fuzzy / 2	16 15:35:00 PDT	22:35-GMT SD Tt Bottlenose dolphin Position: 224° / 455 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	100	2	Fuzzy / 2	17 15:51:00 PDT	22:51-GMT V Touring-Whale watching-- • Condor Express Position: 208° / 696 m Dir: West	1 vessel

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CCvr	Bft	Horizon	Viz	Sighting Number	Time	Species / Vessel Type	
Good	10%	0	Fuzzy / 3	01	9:36:00 PDT	16:36-GMT SD Tt Bottlenose dolphin Position: 114° / 735 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	10%	0	Fuzzy / 3	02	9:39:00 PDT	16:39-GMT SP Pv Harbor seal Position: 131° / 366 m Dir: East; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good	10%	0	Fuzzy / 3	03	9:42:00 PDT	16:42-GMT V Oil services-Crew boat-- • Position: 127° / 3088 m Dir: West	1 vessel
Good	10%	0	Fuzzy / 3	04	9:42:00 PDT	16:42-GMT V Touring-Whale watching-- • Condor Express Position: 131° / 2749 m Dir: West	1 vessel
Good	10%	0	Fuzzy / 3	05	9:49:00 PDT	16:49-GMT S Er Gray whale (northbound) Position: 149° / 366 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
Good	10%	0	Fuzzy / 3	Code		
Good	10%	0	Fuzzy / 3	06 10:09:00 PDT	17:09-GMT S Er Gray whale (northbound) Position: 114° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	30%	0	Fuzzy / 2	07 11:43:00 PDT	18:43-GMT S Er Gray whale (northbound) Position: 145° / 3528 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good	30%	0	Fuzzy / 3	08 13:57:00 PDT	20:57-GMT SP Pv Harbor seal Position: 236° / 191 m Dir: No direction; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Good	30%	0	Fuzzy / 3	09 13:58:00 PDT	20:58-GMT SD Tt Bottlenose dolphin Position: 117° / 678 m Dir: West; Behavior: Moderate travel	Total 4 — 0 Calves at sighting
Good	30%	0	Fuzzy / 3	10 14:23:00 PDT	21:23-GMT Images: 6817-6820 V Fish Commercial-Sportfishing-- • Stardust Position: 255° / 1106 m Dir: East	1 vessel
Good	20%	0	Fuzzy / 3	11 14:50:00 PDT	21:50-GMT V Oil services-Crew boat-- • Position: 274° / 3528 m Dir: South	1 vessel
Good	20%	0	Fuzzy / 3	12 15:46:00 PDT	22:46-GMT S Er Gray whale (northbound) Position: 184° / 1922 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Good	20%	0	Fuzzy / 3	13 16:01:00 PDT	23:01-GMT V Airship--Helicopter- • N343AA Position: 174° / 150 m Dir: West	1 vessel
Good	20%	0	Fuzzy / 3	14 16:27:00 PDT	23:27-GMT SP Pv Harbor seal Position: 120° / 412 m Dir: North; Behavior: in kelp	Total 1 — 0 Pups at sighting

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CCvr	Bft	Horizon - Viz		Time	Species / Vessel Type	
Fair	50%	1	Fuzzy / 2	01 9:05:00 PDT	16:05-GMT V Oil services-Crew boat-- • Position: 257° / 3088 m Dir: North	1 vessel
Fair	50%	1	Fuzzy / 2	02 9:16:00 PDT	16:16-GMT S Er Gray whale (northbound) Position: 118° / 5027 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	50%	1	Fuzzy / 2	03 9:48:00 PDT	16:48-GMT V Touring-Whale watching-- • Condor Express Position: 134° / 3088 m Dir: South	1 vessel
Fair	50%	1	Fuzzy / 2	04 10:05:00 PDT	17:05-GMT V Airship--Helicopter- • N343AA Position: 174° / 300 m Dir: West	1 vessel
Fair	50%	1	Fuzzy / 2	05 10:07:00 PDT	17:07-GMT SD D sp Common dolphin species Position: 137° / 1483 m Dir: West; Behavior: Moderate travel • Leap	Total 150 — 0 Calves at sighting
Fair	40%	1	Fuzzy / 2	06 10:51:00 PDT	17:51-GMT V Oil services-Crew boat-- • Position: 274° / 3528 m Dir: South	1 vessel
Fair	40%	1	Fuzzy / 2	07 11:02:00 PDT	18:02-GMT V Oil services-Crew boat-- • Position: 286° / 3528 m Dir: South	1 vessel
Fair	30%	1	Fuzzy / 2	08 11:21:00 PDT	18:21-GMT Images: 6833-6839 V Airship--Blimp- • Nickelodeon Position: 174° / 600 m Dir: West	1 vessel
Fair	30%	1	Fuzzy / 2	09 11:58:00 PDT	18:58-GMT Images: 6840-6844 V Airship--Blimp- • Hangar Vodka Position: 174° / 300 m Dir: East	1 vessel
Fair	30%	1	Fuzzy / 2	10 12:00:00 PDT	19:00-GMT V Fish Commercial-Urchin Diving-- • 52330 Position: 131° / 2749 m Dir: West	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	30%	1	Fuzzy / 2	11	12:15:00 PDT SD	19:15-GMT Lo Pacific white-sided dolphin Position: 214° / 600 m Dir: East; Behavior: Moderate travel Images: 6853-6868	Total 3 — 0 Calves at sighting
Fair	30%	1	Fuzzy / 2	12	12:15:00 PDT V	19:15-GMT Airship--Helicopter- ● Position: 174° / 500 m Dir: East	1 vessel
Fair	30%	1	Fuzzy / 2	13	15:13:00 PDT S	22:13-GMT Er Gray whale (northbound) Position: 215° / 412 m Dir: West; Behavior: Slow travel Images: 6873-80	Total 2 — 1 Calf at sighting
Fair	30%	1	Fuzzy / 2	14	15:48:00 PDT SD	22:48-GMT Tt Bottlenose dolphin Position: 234° / 388 m Dir: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair	30%	1	Fuzzy / 2	15	16:02:00 PDT V	23:02-GMT Airship--Helicopter- ● N343AA Position: 174° / 100 m Dir: ni	1 vessel
Fair	60%	1	Fuzzy / 2	16	16:22:00 PDT V	23:22-GMT Private-Cruising-- ● Position: 126° / 1922 m Dir: West	1 vessel
Fair	60%	1	Fuzzy / 2	17	16:36:00 PDT V	23:36-GMT Oil services-Crew boat-- ● Position: 241° / 3528 m Dir: South	1 vessel
Fair	60%	1	Fuzzy / 2	18	16:55:00 PDT V	23:55-GMT Fish Commercial-Lobster/Crab-- ● L13127 Position: 264° / 2749 m Dir: East	1 vessel

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CCvr Bft Horizon - Viz

16 void				PDT	7:-GMT		
Fair	50%	1	Fuzzy / 2	01	9:18:00 PDT V	16:18-GMT Oil services-Crew boat-- ● Position: 235° / 3528 m Dir: No direction	1 vessel
Fair	50%	1	Fuzzy / 2	02	9:20:00 PDT SP	16:20-GMT Pv Harbor seal Position: 127° / 191 m Dir: No direction; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair	50%	1	Fuzzy / 2	03	9:32:00 PDT S	16:32-GMT Er Gray whale (northbound) Position: 175° / 574 m Dir: West; Behavior: Slow travel Images: 6941-6951	Total 1 — 0 Calves at sighting
Fair	30%	1	Fuzzy / 2	04	9:46:00 PDT V	16:46-GMT Touring-Whale watching-- ● Condor Express Position: 111° / 2749 m Dir: West	1 vessel
Fair	30%	1	Fuzzy / 2	05	9:55:00 PDT V	16:55-GMT Airship--Helicopter- ● N343AA Position: 174° / 500 m Dir: West	1 vessel
Fair	30%	1	Fuzzy / 2	06	9:58:00 PDT SP	16:58-GMT Pv Harbor seal Position: 213° / 203 m Dir: ni; Behavior: Dive ● in kelp	Total 1 — 0 Pups at sighting
Fair	20%	1	Fuzzy / 2	07	10:32:00 PDT V	17:32-GMT Research-Diving--UCSB ● Position: 187° / 508 m Dir: East	1 vessel
Fair	20%	1	Fuzzy / 2	08	11:01:00 PDT V	18:01-GMT Oil services-Crew boat-- ● Position: 139° / 3088 m Dir: West	1 vessel
Fair	20%	1	Fuzzy / 2	09	11:37:00 PDT SD	18:37-GMT Tt Bottlenose dolphin Position: 239° / 240 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	10	12:03:00 PDT V	19:03-GMT Research-Diving--UCSB ● Position: 189° / 400 m Dir: East	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	20%	1	Fuzzy / 2	11	12:39:00 PDT 19:39-GMT SD	Tt Bottlenose dolphin Position: 164° / 377 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	12	12:49:00 PDT 19:49-GMT V	Oil services-Crew boat-- ● Position: 262° / 3528 m Dir: South	1 vessel
Fair	20%	1	Fuzzy / 2	13	12:50:00 PDT 19:50-GMT S	Er Gray whale (northbound) Position: 231° / 3528 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	20%	3	Fuzzy / 2	14	14:11:00 PDT 21:11-GMT V	Oil services-Crew boat-- ● Position: 250° / 3528 m Dir: South	1 vessel
Fair	20%	4	Fuzzy / 2	15	14:21:00 PDT 21:21-GMT SD	Tt Bottlenose dolphin Position: 137° / 661 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	20%	4	Fuzzy / 2	17	15:16:00 PDT 22:16-GMT S	Er Gray whale (northbound) Position: 152° / 827 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	10%	5	Fuzzy / 2 OFF-EFFORT	18	15:29:00 PDT 22:29-GMT V	Airship--Helicopter- ● N343AA Position: 174° / 300 m Dir: West	1 vessel
				Apr 05 Day 53 of 98			
CCvr Bft Horizon - Viz							
Fair	10%	3	Sharp / 3	01	8:53:00 PDT 15:53-GMT S	Er Gray whale (northbound) Position: 262° / 1483 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	10%	3	Sharp / 3	02	9:16:00 PDT 16:16-GMT V	Airship--Helicopter- ● SBOP Position: 174° / 300 m Dir: West	1 vessel
Fair	10%	3	Sharp / 3	03	9:29:00 PDT 16:29-GMT S	Er Gray whale (northbound) Position: 116° / 2260 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	10%	3	Sharp / 3	04	9:35:00 PDT 16:35-GMT S	Er Gray whale (northbound) Position: 134° / 3528 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	10%	3	Sharp / 3	05	9:45:00 PDT 16:45-GMT S	Er Gray whale (northbound) Position: 154° / 629 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Poor	10%	4	Fuzzy / 2	06	11:19:00 PDT 18:19-GMT SP	Pv Harbor seal Position: 172° / 212 m Dir: West; Behavior: Slow travel ● in surf zone	Total 1 — 0 Pups at sighting
				Apr 06 Day 54 of 98			
CCvr Bft Horizon - Viz							
Fair	10%	0	Fuzzy / 2	01	9:06:00 PDT 16:06-GMT S	Er Gray whale (northbound) Position: 129° / 1922 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	02	9:13:00 PDT 16:13-GMT S	Er Gray whale (northbound) Position: 132° / 778 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	10%	0	Fuzzy / 2	03	9:31:00 PDT 16:31-GMT SD	Lo Pacific white-sided dolphin Position: 249° / 946 m Dir: East; Behavior: Moderate travel	Total 40 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	04	9:45:00 PDT 16:45-GMT V	Touring-Whale watching-- ● Position: 119° / 1922 m Dir: East	1 vessel
Fair	10%	0	Fuzzy / 2	05	10:10:00 PDT 17:10-GMT V	Oil services-Crew boat-- ● Position: 237° / 3088 m Dir: No direction	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
Code						
Good	20%	0	Sharp / 3	06 11:15:00 PDT	18:15-GMT Private-Cruising-Sailboat motoring- • Golden Position: 116° / 1922 m Dir: West	1 vessel
Good	20%	0	Sharp / 3	07 12:10:00 PDT	19:10-GMT Oil services-Crew boat-- • Position: 281° / 3088 m Dir: South	1 vessel
Good	20%	0	Sharp / 3	08 13:13:00 PDT	20:13-GMT Images: 6985-6988 Er Gray whale (northbound) Position: 103° / 3528 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	20%	0	Sharp / 3	09 13:13:00 PDT	20:13-GMT Fish Commercial-Urchin Diving-- • Position: 104° / 3528 m Dir: West	1 vessel
Good	20%	0	Sharp / 3	10 13:58:00 PDT	20:58-GMT Oil services-Crew boat-- • Position: 291° / 3528 m Dir: South	1 vessel
Good	20%	0	Sharp / 3	11 14:33:00 PDT	21:33-GMT Oil services-Crew boat-- • Position: 284° / 3528 m Dir: South	1 vessel
Good	20%	0	Sharp / 3	12 14:47:00 PDT	21:47-GMT Lo Pacific white-sided dolphin Position: 201° / 913 m Dir: East; Behavior: Moderate travel • Milling	Total 4 — 0 Calves at sighting
Good	20%	0	Sharp / 3	13 14:48:00 PDT	21:48-GMT Private-Cruising-- • Position: 124° / 3088 m Dir: West	1 vessel
Good	20%	0	Sharp / 3	14 15:07:00 PDT	22:07-GMT Private-Cruising-Sailboat- • J Boat USA2257 Position: 109° / 2260 m Dir: West	1 vessel
Good	20%	0	Sharp / 3	15 15:10:00 PDT	22:10-GMT Fish Commercial-Urchin Diving-- • 8827HK Position: 101° / 3528 m Dir: West	1 vessel
Good	20%	0	Sharp / 3	16 16:16:00 PDT	23:16-GMT Images: 6997-7003 Airship--Helicopter- • N349AA Position: 174° / 150 m Dir: West	1 vessel
Good	20%	0	Sharp / 3	17 16:18:00 PDT	23:18-GMT Fish Commercial-Urchin Diving-- • 48038 42618 Position: 123° / 3088 m Dir: West	1 vessel

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CCvr	Bft	Horizon	Viz			
Good	0%	0	Fuzzy / 2	01 9:00:00 PDT	16:00-GMT Oil services-Crew boat-- • Position: 238° / 3528 m Dir: No direction	1 vessel
Good	0%	0	Fuzzy / 2	02 9:18:00 PDT	16:18-GMT Tt Bottlenose dolphin Position: 274° / 471 m Dir: East; Behavior: Moderate travel	Total 8 — 0 Calves at sighting
Good	0%	0	Fuzzy / 2	03 9:20:00 PDT	16:20-GMT Private-Cruising-- • Trophy Position: 181° / 735 m Dir: West	1 vessel
Good	0%	0	Fuzzy / 2	04 9:33:00 PDT	16:33-GMT Tt Bottlenose dolphin Position: 283° / 330 m Dir: East; Behavior: Slow travel	Total 7 — 0 Calves at sighting
Good	0%	0	Fuzzy / 2	05 10:01:00 PDT	17:01-GMT Er Gray whale (northbound) Position: 103° / 2749 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	0%	0	Fuzzy / 2	06 10:09:00 PDT	17:09-GMT Touring-Whale watching-- • Position: 111° / 1922 m Dir: West	1 vessel
Good	0%	0	Fuzzy / 2	07 10:36:00 PDT	17:36-GMT Private-Cruising-- • Vicente G L26871 Position: 233° / 426 m Dir: West	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Good	0%	1	Fuzzy / 2	08 10:41:00 PDT	17:41-GMT SP Pv Harbor seal Position: 176° / 165 m Dir: West; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Good	0%	1	Fuzzy / 2	09 10:46:00 PDT	17:46-GMT V Private-Sportfishing-- • 35__SE Position: 154° / 661 m Dir: West	1 vessel
Good	0%	2	Fuzzy / 2	10 11:30:00 PDT	18:30-GMT V Private-Sportfishing-- • Little Tove 2225ND Position: 256° / 661 m Dir: West	1 vessel
Good	0%	2	Fuzzy / 2	11 12:15:00 PDT	19:15-GMT SD Tt Bottlenose dolphin Position: 119° / 1483 m Dir: No direction; Behavior: Foraging	Total 1 — 0 Calves at sighting
Good	0%	2	Fuzzy / 2	12 12:35:00 PDT	19:35-GMT V Oil services-Crew boat-- • Position: 253° / 3528 m Dir: South	1 vessel
Good	0%	2	Fuzzy / 2	13 12:55:00 PDT	19:55-GMT S Er Gray whale (northbound) Position: 139° / 455 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	0%	2	Fuzzy / 2	14 13:07:00 PDT	20:07-GMT V Touring-Whale watching-- • Position: 113° / 2749 m Dir: West	1 vessel
Good	0%	2	Fuzzy / 2	15 13:14:00 PDT	20:14-GMT V Private-Sportfishing-- • Bayrunner Baja Position: 279° / 1922 m Dir: East	1 vessel
Good	0%	3	Fuzzy / 2	16 13:30:00 PDT	20:30-GMT SP Pv Harbor seal Position: 154° / 778 m Dir: No direction	Total 1 — 0 Pups at sighting
Good	0%	3	Fuzzy / 2	17 13:50:00 PDT	20:50-GMT SD Tt Bottlenose dolphin Position: 120° / 778 m Dir: West; Behavior: Slow travel • Leap	Total 8 — 0 Calves at sighting
Good	0%	3	Fuzzy / 2	18 13:51:00 PDT	20:51-GMT V Airship--Airplane- • 7045 Position: 174° / 200 m Dir: West	1 vessel
Good	0%	3	Fuzzy / 2	19 14:10:00 PDT	21:10-GMT V Private-Sportfishing-- • Position: 219° / 883 m Dir: East	1 vessel
Good	0%	3	Fuzzy / 2	20 14:10:00 PDT	21:10-GMT V Private--Sailboat- • Sweet Escape Position: 243° / 946 m Dir: East	1 vessel
Good	0%	3	Fuzzy / 2	21 14:15:00 PDT	21:15-GMT V Private-Cruising-- • Position: 251° / 1922 m Dir: East	1 vessel
Good	0%	3	Fuzzy / 2	22 14:57:00 PDT	21:57-GMT V Oil services-Crew boat-- • Position: 146° / 3088 m Dir: West	1 vessel
Good	0%	3	Fuzzy / 2	23 15:06:00 PDT	22:06-GMT SD Tt Bottlenose dolphin Position: 156° / 678 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	0%	3	Fuzzy / 2	24 15:15:00 PDT	22:15-GMT SD Tt Bottlenose dolphin Position: 190° / 412 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	0%	3	Fuzzy / 2	25 15:18:00 PDT	22:18-GMT V Oil services-Crew boat-- • Position: 230° / 3528 m Dir: South	1 vessel
Good	0%	3	Fuzzy / 2	26 15:21:00 PDT	22:21-GMT S Er Gray whale (northbound) Position: 112° / 3088 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Good	0%	3	Fuzzy / 2	27	15:58:00 PDT 22:58-GMT SD	Tt Bottlenose dolphin Position: 115° / 1674 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	0%	3	Fuzzy / 2	28	16:12:00 PDT 23:12-GMT SD	Tt Bottlenose dolphin Position: 180° / 471 m Dir: East; Behavior: Slow travel • Milling Total 2 — 0 Calves at sighting
Good	0%	3	Fuzzy / 2	29	16:17:00 PDT 23:17-GMT V	Oil services-Crew boat-- • Position: 294° / 3528 m Dir: South 1 vessel
Good	0%	3	Fuzzy / 2	30	16:35:00 PDT 23:35-GMT V	Fish Commercial-Lobster/Crab-- • L13127 Position: 212° / 1331 m Dir: East 1 vessel
Good	0%	3	Fuzzy / 2	31	16:39:00 PDT 23:39-GMT SP	Pv Harbor seal Position: 178° / 197 m Dir: West; Behavior: Dive • in surf zone Total 1 — 0 Pups at sighting

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CCvr	Bft	Horizon - Viz				
Fair	10%	0	Fuzzy / 2	01	9:06:00 PDT 16:06-GMT V	Oil services-Crew boat-- • Position: 245° / 3088 m Dir: South 1 vessel
Fair	10%	0	Fuzzy / 2	02	9:11:00 PDT 16:11-GMT SD	Tt Bottlenose dolphin Position: 182° / 330 m Dir: East; Behavior: Slow travel Total 3 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	03	9:14:00 PDT 16:14-GMT V	Oil services-Crew boat-- • Position: 239° / 3088 m Dir: nd 1 vessel
Fair	10%	0	Fuzzy / 2	04	9:25:00 PDT 16:25-GMT SD	Tt Bottlenose dolphin Position: 119° / 946 m Dir: East; Behavior: Foraging • Leap Total 2 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	05	9:43:00 PDT 16:43-GMT V	Touring-Whale watching-- • Condor Express Position: 99° / 3088 m Dir: West 1 vessel
Fair	10%	0	Fuzzy / 2	06	9:54:00 PDT 16:54-GMT V	Private-Cruising-- • Position: 109° / 2749 m Dir: West 1 vessel
Fair	10%	0	Fuzzy / 2	07	10:14:00 PDT 17:14-GMT Images: 7006-11 S	Er Gray whale (northbound) Position: 114° / 3088 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	10%	0	Fuzzy / 2	08	11:05:00 PDT 18:05-GMT V	Private-Sportfishing-- • Position: 245° / 2749 m Dir: East 1 vessel
Fair	10%	0	Fuzzy / 2	09	11:29:00 PDT 18:29-GMT V	Private-Sportfishing-- • Position: 264° / 3088 m Dir: East 1 vessel
Fair	10%	0	Fuzzy / 2	10	12:47:00 PDT 19:47-GMT SD	Tt Bottlenose dolphin Position: 204° / 382 m Dir: East; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	10%	0	Fuzzy / 2	11	12:50:00 PDT 19:50-GMT V	Private-Sportfishing-- • Position: 109° / 2749 m Dir: West 1 vessel
Fair	10%	0	Fuzzy / 2	12	12:50:00 PDT 19:50-GMT V	Touring-Whale watching-- • Condor Express Position: 114° / 2749 m Dir: West 1 vessel
Fair	10%	0	Fuzzy / 2	13	12:52:00 PDT 19:52-GMT V	Private-Cruising-Boston Whaler- • Position: 110° / 2749 m Dir: West 1 vessel
Fair	10%	0	Fuzzy / 2	14	13:32:00 PDT 20:32-GMT SD	Tt Bottlenose dolphin Position: 128° / 550 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	0%	1	Fuzzy / 2	15	14:18:00 PDT 21:18-GMT	
				V	Fish Commercial-Urchin Diving-- • Position: 132° / 3088 m Dir: West	1 vessel
Fair	0%	3	Fuzzy / 2	16	15:07:00 PDT 22:07-GMT	
				V	Private-Cruising-Sailboat- • 6534SP Position: 277° / 1208 m Dir: East	1 vessel
Fair	0%	3	Fuzzy / 2	17	15:18:00 PDT 22:18-GMT	
				V	Oil services-Crew boat-- • Position: 271° / 3088 m Dir: West	1 vessel
Fair	0%	3	Fuzzy / 2	18	15:22:00 PDT 22:22-GMT	
				SP	Pv Harbor seal Position: 200° / 188 m Dir: West; Behavior: in kelp • in surf zone	Total 1 — 0 Pups at sighting
Fair	0%	3	Fuzzy / 2	19	15:51:00 PDT 22:51-GMT	
				SD	Tt Bottlenose dolphin Position: 206° / 264 m Dir: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	20	16:32:00 PDT 23:32-GMT	
				V	Oil services-Crew boat-- • Position: 141° / 3528 m Dir: West	1 vessel
Fair	0%	3	Fuzzy / 2	21	16:36:00 PDT 23:36-GMT	
				SD	Tt Bottlenose dolphin Position: 197° / 455 m Dir: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair	0%	3	Fuzzy / 2	22	16:39:00 PDT 23:39-GMT	
				SD	Tt Bottlenose dolphin Position: 152° / 412 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting

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CCvr	Bft	Horizon - Viz				
Poor	100	1	Fuzzy / 1.7	01	11:34:00 PDT 18:34-GMT	
				V	Oil services-Crew boat-- • Position: 239° / 3528 m Dir: No direction	1 vessel
Poor	100	1	Fuzzy / 1.7	02	11:35:00 PDT 18:35-GMT	
				V	Oil services-Crew boat-- • Position: 260° / 3528 m Dir: South	1 vessel
Poor	100	1	Fuzzy / 1.7	03	11:36:00 PDT 18:36-GMT	
				V	Oil services-Crew boat-- • Position: 276° / 3528 m Dir: South	1 vessel
Poor	80%	1	Fuzzy / 1.7	04	12:02:00 PDT 19:02-GMT	
				SD	Tt Bottlenose dolphin Position: 131° / 1922 m Dir: West; Behavior: Slow travel • Milling	Total 3 — 0 Calves at sighting
Poor	60%	1	Fuzzy / 1.7	05	12:09:00 PDT 19:09-GMT	
				SD	Tt Bottlenose dolphin Position: 154° / 778 m Dir: North; Behavior: Slow travel • Milling	Total 7 — 0 Calves at sighting
Poor	60%	1	Fuzzy / 1.7	06	12:23:00 PDT 19:23-GMT	
				V	Oil services-Crew boat-- • Position: 272° / 3528 m Dir: North	1 vessel
Poor	60%	1	Fuzzy / 1.7	07	12:34:00 PDT 19:34-GMT	
				V	Oil services-Crew boat-- • Position: 274° / 3528 m Dir: South	1 vessel
Poor	60%	1	Fuzzy / 1.7	08	12:35:00 PDT 19:35-GMT	
				V	Fish Commercial-Urchin Diving-- • 602475 Position: 114° / 2749 m Dir: West	1 vessel
Poor	60%	1	Fuzzy / 1.7	09	12:49:00 PDT 19:49-GMT	
				V	Private-Cruising-- • Position: 139° / 1922 m Dir: West	1 vessel
Poor	60%	1	Fuzzy / 1.7	10	12:52:00 PDT 19:52-GMT	
				V	Touring-Whale watching-- • Condor Express Position: 104° / 3088 m Dir: West	1 vessel
Poor	10%	2	Fuzzy / 1.7	11	13:22:00 PDT 20:22-GMT	
				S	Er Gray whale (northbound) Position: 167° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number			Time	Species / Vessel Type	
CCvr	Bft	Horizon - Viz	Code		
Poor	10%	2 Fuzzy / 1 7	12 13:30:00 PDT	20:30-GMT V Fish Commercial-Urchin Diving-- • L58309 Position: 134° / 2260 m Dir: West	1 vessel
Poor	10%	2 Fuzzy / 1 7	13 14:01:00 PDT	21:01-GMT S Er Gray whale (northbound) Position: 107° / 2260 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	10%	2 Fuzzy / 1 7	14 14:03:00 PDT	21:03-GMT V Fish Commercial-Lobster/Crab-- • L13127 Position: 219° / 1674 m Dir: East	1 vessel
Poor	10%	3 Fuzzy / 1 7	15 14:06:00 PDT	21:06-GMT V Fish Commercial-Urchin Diving-- • Martha Jane Position: 101° / 3088 m Dir: West	1 vessel
Poor	10%	3 Fuzzy / 1 7	16 14:15:00 PDT	21:15-GMT SD Tt Bottlenose dolphin Position: 134° / 1331 m Dir: West	Total 3 — 0 Calves at sighting
Poor	10%	3 Fuzzy / 1 7	17 14:51:00 PDT	21:51-GMT V Fish Commercial-Urchin Diving-- • 8827HK Position: 104° / 3088 m Dir: West	1 vessel
Poor	10%	3 Fuzzy / 1 7	18 14:58:00 PDT	21:58-GMT Images: 7093-7166 S Er Gray whale (northbound) Position: 99° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	10%	3 Fuzzy / 1 7	19 15:08:00 PDT	22:08-GMT V Oil services-Crew boat-- • Position: 244° / 3528 m Dir: North	1 vessel
Poor	10%	3 Fuzzy / 1 7	20 15:12:00 PDT	22:12-GMT SD Tt Bottlenose dolphin Position: 114° / 696 m Dir: North; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	10%	3 Fuzzy / 1 7	21 16:22:00 PDT	23:22-GMT SD Tt Bottlenose dolphin Position: 129° / 827 m Dir: West; Behavior: Moderate travel	Total 4 — 0 Calves at sighting

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CCvr	Bft	Horizon - Viz	Sighting Number	Time	Species / Vessel Type	
Fair	0%	1 Fuzzy / 2	01	9:05:00 PDT	16:05-GMT V Oil services-Crew boat-- • Position: 240° / 3088 m Dir: No direction	1 vessel
Fair	0%	1 Fuzzy / 2	02	9:12:00 PDT	16:12-GMT SD D sp Common dolphin species Position: 135° / 3088 m Dir: East; Behavior: Foraging	Total 200 — 0 Calves at sighting
Fair	0%	1 Fuzzy / 2	03	9:35:00 PDT	16:35-GMT SD Tt Bottlenose dolphin Position: 98° / 2260 m Dir: No direction; Behavior: Milling	Total 2 — 0 Calves at sighting
Good	0%	2 Fuzzy / 3	04	10:44:00 PDT	17:44-GMT V Oil services-Crew boat-- • Position: 285° / 3528 m Dir: South	1 vessel
Good	0%	2 Fuzzy / 3	05	10:49:00 PDT	17:49-GMT V Private-Cruising-- • Varua Position: 132° / 3088 m Dir: West	1 vessel
Good	0%	2 Fuzzy / 3	06	11:43:00 PDT	18:43-GMT SD Tt Bottlenose dolphin Position: 254° / 356 m Dir: West; Behavior: Slow travel • Milling	Total 2 — 0 Calves at sighting
Good	0%	1 Fuzzy / 3	07	12:04:00 PDT	19:04-GMT SD Tt Bottlenose dolphin Position: 153° / 314 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	0%	1 Fuzzy / 3	08	12:09:00 PDT	19:09-GMT V Airship--Helicopter- • SBOP Position: 174° / 500 m Dir: West	1 vessel
Good	0%	1 Fuzzy / 3	09	12:17:00 PDT	19:17-GMT V Research-Diving--UCSB • Position: 179° / 3088 m Dir: East	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
Code				Code		
Good	0%	1	Fuzzy / 3	10	12:24:00 PDT 19:24-GMT SD Tt Bottlenose dolphin Position: 117° / 1403 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	0%	1	Fuzzy / 3	11	12:30:00 PDT 19:30-GMT V Oil services-Crew boat-- ● Position: 289° / 3528 m Dir: South	1 vessel
Good	0%	1	Fuzzy / 3	12	12:35:00 PDT 19:35-GMT SD Tt Bottlenose dolphin Position: 124° / 778 m Dir: West; Behavior: Moderate travel	Total 2 — 0 Calves at sighting
Good	0%	1	Fuzzy / 3	13	12:36:00 PDT 19:36-GMT SD D sp Common dolphin species Position: 131° / 3528 m Dir: West; Behavior: Fast travel	Total 200 — 0 Calves at sighting
Good	0%	1	Fuzzy / 3	14	12:46:00 PDT 19:46-GMT SP Pv Harbor seal Position: 121° / 264 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good	40%	0	Fuzzy / 3	15	12:48:00 PDT 19:48-GMT V Touring-Whale watching-- ● Condor Express Position: 154° / 3528 m Dir: West	1 vessel
Good	20%	0	Fuzzy / 2	16	13:33:00 PDT 20:33-GMT V Fish Commercial-Urchin Diving-- ● Martha Jane Position: 270° / 1483 m Dir: East	1 vessel
Good	20%	0	Fuzzy / 2	17	13:37:00 PDT 20:37-GMT Images: 7141-7176 S Er Gray whale (northbound) Position: 139° / 778 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	20%	0	Fuzzy / 2	18	13:54:00 PDT 20:54-GMT V Fish Commercial-Urchin Diving-- ● L58309 Position: 265° / 3528 m Dir: East	1 vessel
Good	20%	0	Fuzzy / 2	19	14:13:00 PDT 21:13-GMT Images: 7177-7220 V Fish Commercial-Lobster/Crab-- ● Kaylee J Position: 273° / 3088 m Dir: East	1 vessel
Good	20%	0	Fuzzy / 2	20	14:30:00 PDT 21:30-GMT SP Pv Harbor seal Position: 137° / 231 m Dir: No direction; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Good	20%	0	Fuzzy / 2	21	14:31:00 PDT 21:31-GMT SD Tt Bottlenose dolphin Position: 215° / 629 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good	20%	0	Fuzzy / 2	22	15:05:00 PDT 22:05-GMT V Oil services-Crew boat-- ● Position: 243° / 3088 m Dir: South	1 vessel
Good	20%	0	Fuzzy / 2	23	15:12:00 PDT 22:12-GMT SD D sp Common dolphin species Position: 153° / 3528 m Dir: East; Behavior: Moderate travel ● Parade Line	Total 500 — 0 Calves at sighting
Good	80%	1	Fuzzy / 2	24	16:31:00 PDT 23:31-GMT V Private--Airplane- ● N4508F Position: 174° / 100 m Dir: West	1 vessel
Good	80%	1	Fuzzy / 2	25	16:33:00 PDT 23:33-GMT V Oil services-Crew boat-- ● Position: 281° / 3528 m Dir: South	1 vessel
Good	80%	1	Fuzzy / 2	26	16:52:00 PDT 23:52-GMT SD D sp Common dolphin species Position: 124° / 3528 m Dir: West; Behavior: Moderate travel ● Parade Line ● Chorus Line	Total 300 — 0 Calves at sighting
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				Apr 11	Day 59 of 98	
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	CCvr	Bft	Horizon - Viz			
Fair	30%	2	Fuzzy / 17	01	9:03:00 PDT 16:03-GMT SP Pv Harbor seal Position: 192° / 194 m Dir: West; Behavior: Moderate travel ● in surf zone	Total 1 — 0 Pups at sighting
Fair	30%	2	Fuzzy / 17	02	9:04:00 PDT 16:04-GMT V Oil services-Crew boat-- ● Position: 238° / 3528 m Dir: No direction	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	30%	2	Fuzzy / 1 7	03 9:08:00 PDT	16:08-GMT V Private-Cruising-- ● Position: 147° / 1483 m Dir: West	1 vessel
Fair	30%	3	Fuzzy / 1 7	04 9:24:00 PDT	16:24-GMT S Er Gray whale (northbound) Position: 138° / 2260 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	30%	3	Fuzzy / 1 7	05 9:25:00 PDT	16:25-GMT S Er Gray whale (northbound) Position: 141° / 3528 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	10%	4	Fuzzy / 1 7	06 9:47:00 PDT	16:47-GMT SD Tt Bottlenose dolphin Position: 199° / 253 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	10%	4	Fuzzy / 1 7	07 10:23:00 PDT	17:23-GMT SD Tt Bottlenose dolphin Position: 229° / 307 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	10%	4	Fuzzy / 1 7	08 10:28:00 PDT	17:28-GMT V Research-Diving--UCSB ● Position: 120° / 3088 m Dir: West	1 vessel
Poor	10%	4	Fuzzy / 1 7	09 10:54:00 PDT	17:54-GMT SP Pv Harbor seal Position: 159° / 50 m Dir: No direction; Behavior: on sand ● in surf zone	Total 3 — 0 Pups at sighting
Poor	10%	4	Fuzzy / 1 7	10 11:41:00 PDT	18:41-GMT V Oil services-Crew boat-- ● Position: 276° / 3528 m Dir: North	1 vessel
Poor	10%	4	Fuzzy / 1 7	11 12:13:00 PDT	19:13-GMT SD Tt Bottlenose dolphin Position: 163° / 280 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	30%	4	Fuzzy / 2	12 12:48:00 PDT	19:48-GMT V Oil services-Crew boat-- ● Position: 253° / 3088 m Dir: South	1 vessel
Fair	30%	4	Fuzzy / 2	13 13:49:00 PDT	20:49-GMT SP Pv Harbor seal Position: 163° / 60 m Dir: West; Behavior: in kelp ● Moderate travel	Total 1 — 0 Pups at sighting
Fair	70%	3	Sharp / 3	14 14:34:00 PDT	21:34-GMT SP Pv Harbor seal Position: 170° / 60 m Dir: West; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair	70%	3	Sharp / 3	15 14:42:00 PDT	21:42-GMT V Oil services-Crew boat-- ● Position: 259° / 3528 m Dir: South	1 vessel
Fair	70%	3	Sharp / 3	16 15:00:00 PDT	22:00-GMT V Oil services-Crew boat-- ● Position: 284° / 3528 m Dir: South	1 vessel
Fair	100	3	Sharp / 3	17 15:25:00 PDT	22:25-GMT SD D sp Common dolphin species Position: 167° / 1674 m Dir: West; Behavior: Moderate travel ● Parade Line ● Foraging	Total 200 — 0 Calves at sighting
Fair	100	3	Sharp / 3	18 15:41:00 PDT	22:41-GMT V Oil services-Crew boat-- ● Position: 259° / 3528 m Dir: South	1 vessel
Fair	100	3	Sharp / 3	19 15:59:00 PDT	22:59-GMT SD Tt Bottlenose dolphin Position: 130° / 412 m Dir: West; Behavior: Moderate travel	Total 4 — 0 Calves at sighting
Fair	100	3	Sharp / 2	20 16:20:00 PDT	23:20-GMT SP Pv Harbor seal Position: 175° / 60 m Dir: West; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair	100	3	Sharp / 2	21 16:26:00 PDT	23:26-GMT S Er Gray whale (northbound) Position: 119° / 3528 m Dir: West; Behavior: Slow travel	Total 7 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
	CCvr	Bft	Horizon - Viz	Code		
Fair	100	3	Sharp / 2	22	16:41:00 PDT 23:41-GMT V Oil services-Crew boat-- ● Position: 209° / 3528 m Dir: West	1 vessel
Apr 12 Day 60 of 98						
Fair	60%	0	Fuzzy / 2	01	9:21:00 PDT 16:21-GMT SP Pv Harbor seal Position: 120° / 216 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	80%	1	Fuzzy / 2	02	10:24:00 PDT 17:24-GMT SP Pv Harbor seal Position: 97° / 883 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Poor	60%	2	Fuzzy / 2	03	11:08:00 PDT 18:08-GMT V Oil services-Crew boat-- ● Position: 287° / 3528 m Dir: South	1 vessel
Fair	50%	2	Fuzzy / 2	04	12:10:00 PDT 19:10-GMT V Oil services-Oil-spill recovery-- ● Clean Ocean Position: 153° / 3528 m Dir: West	1 vessel
Fair	70%	2	Fuzzy / 2	05	13:02:00 PDT 20:02-GMT V Airship--Helicopter- ● SBOP Position: 174° / 100 m Dir: East	1 vessel
Fair	70%	2	Fuzzy / 2	06	13:07:00 PDT 20:07-GMT V Research-Diving--UCSB ● Position: 239° / 550 m Dir: East	1 vessel
Poor	70%	2	Fuzzy / 2	07	13:31:00 PDT 20:31-GMT SD D sp Common dolphin species Position: 209° / 1922 m Dir: East; Behavior: Moderate travel ● Leap	Total 500 — 0 Calves at sighting
Apr 15 Day 63 of 98						
Fair	10%	1	Fuzzy / 2	01	9:01:00 PDT 16:01-GMT Images: 7319-7371 S Er Gray whale (northbound) Position: 114° / 827 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	10%	1	Fuzzy / 2	02	9:09:00 PDT 16:09-GMT S Er Gray whale (northbound) Position: 135° / 550 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	10%	1	Fuzzy / 2	03	9:27:00 PDT 16:27-GMT V Oil services-Crew boat-- ● Position: 272° / 3528 m Dir: North	1 vessel
Fair	10%	1	Fuzzy / 2	04	9:33:00 PDT 16:33-GMT Images: 7372-7534 S Er Gray whale (northbound) Position: 134° / 440 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Fair	10%	1	Fuzzy / 2	05	10:23:00 PDT 17:23-GMT SP Pv Harbor seal Position: 117° / 300 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	10%	1	Fuzzy / 2	06	10:28:00 PDT 17:28-GMT S Er Gray whale (northbound) Position: 132° / 2749 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	10%	1	Fuzzy / 2	07	10:42:00 PDT 17:42-GMT SD Tt Bottlenose dolphin Position: 124° / 426 m Dir: West; Behavior: Slow travel	Total 11 — 0 Calves at sighting
Fair	10%	1	Fuzzy / 2	08	11:07:00 PDT 18:07-GMT Images: 7547-7588 S Er Gray whale (northbound) Position: 98° / 2260 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	10%	1	Fuzzy / 2	09	11:25:00 PDT 18:25-GMT V Airship--Helicopter-Military ● Position: 174° / 300 m Dir: ni	1 vessel
Fair	10%	1	Fuzzy / 2	10	11:30:00 PDT 18:30-GMT SD Tt Bottlenose dolphin Position: 139° / 330 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	10%	1	Fuzzy / 2	11:51:00 PDT	18:51-GMT Images: 7590-7723 Er Gray whale (northbound) Position: 99° / 946 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	10%	1	Fuzzy / 2	11:59:00 PDT	18:59-GMT Images: 7590-7723 Er Gray whale (northbound) Position: 119° / 661 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	10%	1	Fuzzy / 2	12:13:00 PDT	19:13-GMT SD Tt Bottlenose dolphin Position: 172° / 220 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	10%	1	Fuzzy / 2	12:21:00 PDT	19:21-GMT SP Pv Harbor seal Position: 119° / 528 m Dir: East; Behavior: Slow travel • in kelp	Total 1 — 0 Pups at sighting
Fair	10%	0	Fuzzy / 2	12:35:00 PDT	19:35-GMT S Er Gray whale (northbound) Position: 130° / 1403 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	10%	0	Fuzzy / 2	12:43:00 PDT	19:43-GMT Images: 7727-7743, 7744-7800, 7802-7822 S Er Gray whale (northbound) Position: 174° / 388 m Dir: East; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	10%	0	Fuzzy / 2	13:58:00 PDT	20:58-GMT Images: 7790 V Airship--Helicopter- • N618AC Position: 174° / 30 m Dir: East	1 vessel
Fair	10%	0	Fuzzy / 2	14:00:00 PDT	21:00-GMT V Private-Sportfishing-- • Position: 224° / 275 m Dir: East	1 vessel
Fair	10%	1	Fuzzy / 2	14:09:00 PDT	21:09-GMT S Er Gray whale (northbound) Position: 124° / 946 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	10%	2	Fuzzy / 2	14:39:00 PDT	21:39-GMT Images: 7824-7988 S Er Gray whale (northbound) Position: 104° / 1331 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Fair	10%	2	Fuzzy / 2	14:48:00 PDT	21:48-GMT V Fish Commercial-Sportfishing-- • Stardust Position: 262° / 1106 m Dir: East	1 vessel
Fair	10%	1	Fuzzy / 2	15:14:00 PDT	22:14-GMT SD Tt Bottlenose dolphin Position: 145° / 249 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	10%	2	Fuzzy / 2	15:15:00 PDT	22:15-GMT V Airship--Helicopter- • SBOP Position: 174° / 250 m Dir: ni	1 vessel
Fair	0%	2	Fuzzy / 2	15:30:00 PDT	22:30-GMT S Er Gray whale (northbound) Position: 107° / 1922 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	0%	2	Fuzzy / 2	15:35:00 PDT	22:35-GMT S Er Gray whale (northbound) Position: 110° / 1674 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Fair	0%	2	Fuzzy / 2	15:50:00 PDT	22:50-GMT V Airship--Helicopter- • Position: 174° / 300 m Dir: ni	1 vessel
Fair	0%	2	Fuzzy / 2	15:54:00 PDT	22:54-GMT S Er Gray whale (northbound) Position: 114° / 696 m Dir: West; Behavior: Slow travel	Total 5 — 2 Calves at sighting
Fair	10%	1	Fuzzy / 2	16:27:00 PDT	23:27-GMT S Er Gray whale (northbound) Position: 192° / 1922 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

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CCvr	Bft	Horizon	- Viz			
Fair	30%	1	Fuzzy / 2	01:09:00:00 PDT	16:00-GMT SW ULW unidentified large whale Position: 119° / 3528 m Dir: ni	Total 1 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	30%	1	Fuzzy / 2	02	9:00:00 PDT V	16:00-GMT Airship--Helicopter- • SBOP Position: 174° / 100 m Dir: East 1 vessel
Fair	30%	1	Fuzzy / 2	03	9:01:00 PDT V	16:01-GMT Oil services-Crew boat-- • Position: 237° / 3088 m Dir: South 1 vessel
Fair	30%	1	Fuzzy / 2	04	9:08:00 PDT SW	16:08-GMT ULW unidentified large whale Position: 119° / 5027 m Dir: ni Total 1 — 0 Calves at sighting
Fair	30%	1	Fuzzy / 2	05	9:10:00 PDT S	16:10-GMT Images: 8183-8317 Er Gray whale (northbound) Position: 104° / 2749 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	30%	1	Fuzzy / 2	06	9:25:00 PDT V	16:25-GMT Oil services-Crew boat-- • Position: 156° / 3088 m Dir: West 1 vessel
Fair	10%	1	Fuzzy / 2	07	10:03:00 PDT V	17:03-GMT Fish Commercial-Lobster/Crab-- • L26871 Position: 107° / 3088 m Dir: West 1 vessel
Fair	10%	1	Fuzzy / 2	08	10:33:00 PDT SD	17:33-GMT Tt Bottlenose dolphin Position: 98° / 1483 m Dir: No direction; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	10%	1	Fuzzy / 2	09	10:39:00 PDT SD	17:39-GMT D sp Common dolphin species Position: 137° / 3528 m Dir: West; Behavior: Moderate travel • Foraging Total 150 — 0 Calves at sighting
Fair	10%	1	Fuzzy / 2	10	10:45:00 PDT SD	17:45-GMT Tt Bottlenose dolphin Position: 154° / 212 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	10%	1	Fuzzy / 2	11	11:35:00 PDT V	18:35-GMT Oil services-Crew boat-- • Position: 233° / 2749 m Dir: No direction 1 vessel
Fair	10%	1	Fuzzy / 2	12	11:51:00 PDT V	18:51-GMT Oil services-Crew boat-- • Position: 286° / 3528 m Dir: South 1 vessel
Fair	10%	1	Fuzzy / 2	13	11:54:00 PDT SD	18:54-GMT Lo Pacific white-sided dolphin Position: 233° / 946 m Dir: East; Behavior: Moderate travel Total 18 — 0 Calves at sighting
Fair	10%	1	Fuzzy / 2	14	12:21:00 PDT S	19:21-GMT Images: 8328-8399 Er Gray whale (northbound) Position: 99° / 2749 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	10%	1	Fuzzy / 2	15	12:47:00 PDT S	19:47-GMT Er Gray whale (northbound) Position: 189° / 600 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	10%	1	Fuzzy / 2	16	13:34:00 PDT V	20:34-GMT Oil services-Crew boat-- • Position: 240° / 3088 m Dir: North 1 vessel
Fair	10%	1	Fuzzy / 2	17	13:48:00 PDT S	20:48-GMT Images: 8401-8461 Er Gray whale (northbound) Position: 107° / 778 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	10%	1	Fuzzy / 2	18	14:07:00 PDT V	21:07-GMT Private-Cruising-- • Guilty Position: 102° / 2749 m Dir: West 1 vessel
Fair	10%	1	Fuzzy / 2	19	14:23:00 PDT S	21:23-GMT Images: 8467-8494 Er Gray whale (northbound) Position: 106° / 2749 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	10%	1	Fuzzy / 2	20	14:45:00 PDT V	21:45-GMT Oil services-Crew boat-- • Position: 256° / 3528 m Dir: South 1 vessel

2012 All Sighting Numbers, raw

Sighting Number	Time	Species / Vessel Type	
Code			
Fair 10% 1 Fuzzy / 2	21 15:24:00 PDT 22:24-GMT	Private-Sportfishing-- • Position: 203° / 3088 m Dir: No direction	1 vessel
Fair 30% 2 Fuzzy / 2	22 15:38:00 PDT 22:38-GMT	Pv Harbor seal Position: 177° / 366 m Dir: West; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Fair 30% 2 Fuzzy / 2	23 15:46:00 PDT 22:46-GMT	Er Gray whale (northbound) Position: 111° / 1922 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 30% 2 Fuzzy / 2	24 15:58:00 PDT 22:58-GMT	Fish Commercial-Lobster/Crab-- • L13127 Position: 148° / 1674 m Dir: East	1 vessel
Fair 30% 2 Fuzzy / 2	25 16:01:00 PDT 23:01-GMT	Private--Jet-ski- • Position: 124° / 600 m Dir: West	1 vessel
Fair 30% 2 Fuzzy / 2	26 16:04:00 PDT 23:04-GMT	Airship--Helicopter- • SBOP Position: 174° / 200 m Dir: West	1 vessel
Fair 30% 2 Fuzzy / 2	27 16:32:00 PDT 23:32-GMT	Er Gray whale (northbound) Position: 98° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 30% 2 Fuzzy / 2	28 16:53:00 PDT 23:53-GMT	Er Gray whale (northbound) Position: 107° / 1922 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 30% 2 Fuzzy / 2	29 17:23:00 PDT 0:23; 4/17/2012-GMT	Tt Bottlenose dolphin Position: 110° / 1106 m Dir: ni	Total 3 — 0 Calves at sighting
Fair 30% 2 Fuzzy / 2	30 17:37:00 PDT 0:37; 4/17/2012-GMT	Er Gray whale (northbound) Position: 146° / 388 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting

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CCvr	Bft	Horizon - Viz	Sighting Number	Time	Species / Vessel Type	
Fair	10%	0 Fuzzy / 2	01	9:01:00 PDT 16:01-GMT	Er Gray whale (northbound) Position: 122° / 913 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	10%	0 Fuzzy / 2	02	10:11:00 PDT 17:11-GMT	Oil services-Crew boat-- • Position: 277° / 3528 m Dir: South	1 vessel
Fair	10%	0 Fuzzy / 2	03	10:35:00 PDT 17:35-GMT	Oil services-Crew boat-- • Position: 280° / 3528 m Dir: South	1 vessel
Fair	20%	0 Fuzzy / 2	04	11:38:00 PDT 18:38-GMT	D sp Common dolphin species Position: 116° / 2749 m Dir: West; Behavior: Moderate travel • Leap	Total 150 — 0 Calves at sighting
Fair	20%	0 Fuzzy / 2	05	11:57:00 PDT 18:57-GMT	Tt Bottlenose dolphin Position: 185° / 269 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	20%	0 Fuzzy / 2	06	12:08:00 PDT 19:08-GMT	Pv Harbor seal Position: 142° / 183 m Dir: No direction; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair	20%	0 Fuzzy / 2	07	12:37:00 PDT 19:37-GMT	Oil services-Crew boat-- • Position: 260° / 3088 m Dir: South	1 vessel
Fair	20%	0 Fuzzy / 2	08	13:09:00 PDT 20:09-GMT	Oil services-Crew boat-- • Position: 174° / 3088 m Dir: West	1 vessel
Fair	20%	0 Fuzzy / 2	09	13:35:00 PDT 20:35-GMT	Fish Commercial-Lobster/Crab-- • Kaylee J Position: 209° / 1106 m Dir: East	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	20%	0	Fuzzy / 2	10	13:41:00 PDT 20:41-GMT S	Images: 8790-8811 Er Gray whale (northbound) Position: 202° / 489 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	0	Fuzzy / 2	11	14:03:00 PDT 21:03-GMT V	Fish Commercial-Squid-- • Sunrise Position: 112° / 3088 m Dir: West	1 vessel
Fair	20%	0	Fuzzy / 2	12	14:32:00 PDT 21:32-GMT S	Images: 8813-8876 Er Gray whale (northbound) Position: 100° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	0	Fuzzy / 2	13	14:56:00 PDT 21:56-GMT V	Airship--Helicopter- • SBOP Position: 174° / 150 m Dir: West	1 vessel
Fair	20%	0	Fuzzy / 2	14	15:28:00 PDT 22:28-GMT V	Airship--Helicopter- • SBOP Position: 174° / 150 m Dir: West	1 vessel
Fair	20%	0	Fuzzy / 2	15	15:42:00 PDT 22:42-GMT V	Oil services-Crew boat-- • Position: 246° / 3088 m Dir: South	1 vessel
Fair	20%	0	Fuzzy / 2	16	16:31:00 PDT 23:31-GMT S	Images: 8878-9054 Er Gray whale (northbound) Position: 105° / 1483 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Fair	20%	0	Fuzzy / 2	17	16:58:00 PDT 23:58-GMT V	Fish Commercial-Line-- • FG70370 Position: 185° / 508 m Dir: East	1 vessel

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CCvr	Bft	Horizon - Viz		Time	Species / Vessel Type		
Fair	10%	1	Fuzzy / 1.7	01	9:01:00 PDT 16:01-GMT V	Fish Commercial-Urchin Diving-- • 40850 Position: 121° / 1020 m Dir: No direction	1 vessel
Fair	10%	1	Fuzzy / 1.7	02	9:42:00 PDT 16:42-GMT V	Oil services-Crew boat-- • Position: 268° / 3528 m Dir: North	1 vessel
Fair	10%	1	Fuzzy / 1.7	03	10:12:00 PDT 17:12-GMT V	Fish Commercial-Lobster/Crab-- • Position: 109° / 2749 m Dir: West	1 vessel
Fair	10%	1	Fuzzy / 1.7	04	10:14:00 PDT 17:14-GMT S	Images: 9066-9171 Er Gray whale (northbound) Position: 101° / 2749 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Fair	10%	1	Fuzzy / 1.7	05	10:22:00 PDT 17:22-GMT SD	Tt Bottlenose dolphin Position: 110° / 366 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	30%	1	Fuzzy / 1.7	06	10:41:00 PDT 17:41-GMT V	Oil services-Crew boat-- • Position: 249° / 3528 m Dir: South	1 vessel
Fair	30%	1	Fuzzy / 1.7	07	10:46:00 PDT 17:46-GMT SP	Pv Harbor seal Position: 239° / 366 m Dir: North; Behavior: in kelp • Moderate travel	Total 1 — 0 Pups at sighting
Fair	30%	1	Fuzzy / 1.7	08	11:02:00 PDT 18:02-GMT V	Oil services-Crew boat-- • Position: 282° / 3528 m Dir: South	1 vessel
Fair	30%	1	Fuzzy / 1.7	09	11:35:00 PDT 18:35-GMT V	Airship--Helicopter- • SBOP Position: 174° / 150 m Dir: West	1 vessel
Fair	30%	1	Fuzzy / 1.7	10	12:25:00 PDT 19:25-GMT V	Oil services-Crew boat-- • Position: 265° / 3528 m Dir: South	1 vessel
Fair	30%	1	Fuzzy / 1.7	11	12:27:00 PDT 19:27-GMT S	Images: 9173-9210 Er Gray whale (northbound) Position: 107° / 1483 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

2012 All Sighting Numbers, raw

Sighting Number	Time Code	Species / Vessel Type	
Fair 30% 1 Fuzzy / 1 7	12:48:00 PDT	19:48-GMT V Touring-Walwhale watching-- • Condor Express Position: 112° / 2260 m Dir: West	1 vessel
Fair 30% 1 Fuzzy / 1 7	12:56:00 PDT	19:56-GMT Images: no images S Er Gray whale (northbound) Position: 163° / 1674 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 30% 1 Fuzzy / 1 7	12:59:00 PDT	19:59-GMT SD D sp Common dolphin species Position: 162° / 539 m Dir: No direction; Behavior: Moderate travel • Foraging	Total 50 — 0 Calves at sighting
Fair 30% 1 Fuzzy / 1 7	13:00:00 PDT	20:00-GMT V Private--Cruiselinier- • Position: 164° / 1106 m Dir: West	1 vessel
Fair 10% 1 Fuzzy / 1 7	14:42:00 PDT	21:42-GMT S Er Gray whale (northbound) Position: 129° / 2260 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair 10% 1 Fuzzy / 1 7	14:50:00 PDT	21:50-GMT SD Lo Pacific white-sided dolphin Position: 140° / 2260 m Dir: East; Behavior: Foraging	Total 20 — 0 Calves at sighting
Fair 10% 1 Fuzzy / 1 7	14:53:00 PDT	21:53-GMT V Airship--Helicopter- • Position: 174° / 150 m Dir: West	1 vessel
Fair 10% 1 Fuzzy / 1 7	15:50:00 PDT	22:50-GMT SD Lo Pacific white-sided dolphin Position: 210° / 1331 m Dir: West; Behavior: Moderate travel	Total 15 — 0 Calves at sighting
Fair 10% 1 Fuzzy / 1 7	16:18:00 PDT	23:18-GMT SD Tt Bottlenose dolphin Position: 144° / 231 m Dir: West; Behavior: Moderate travel	Total 2 — 0 Calves at sighting
Fair 10% 1 Fuzzy / 1 7	16:47:00 PDT	23:47-GMT Images: 9265-9336 S Er Gray whale (northbound) Position: 98° / 3528 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 10% 1 Fuzzy / 1 7	17:03:00 PDT	0:03; 4/19/2012-GMT Images: 9219-56 S Er Gray whale (northbound) Position: 182° / 412 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

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CCvr	Bft	Horizon - Viz	Sighting Number	Time Code	Species / Vessel Type	
Poor	30%	4 Fuzzy / 2	01	9:26:00 PDT	16:26-GMT SP Pv Harbor seal Position: 199° / 40 m Dir: East; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Poor	60%	3 Fuzzy / 1 7	02	10:17:00 PDT	17:17-GMT SP Pv Harbor seal Position: 124° / 40 m Dir: East; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Poor	60%	3 Fuzzy / 1 7	03	10:40:00 PDT	17:40-GMT S Er Gray whale (northbound) Position: 118° / 1208 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	60%	2 NV / 1.7	04	10:50:00 PDT	17:50-GMT SD Lo Pacific white-sided dolphin Position: 204° / 778 m Dir: East; Behavior: Slow travel • Foraging	Total 30 — 0 Calves at sighting
Poor	60%	2 NV / 1.7	05	11:15:00 PDT	18:15-GMT Images: 9345-9484 S Er Gray whale (northbound) Position: 111° / 1106 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Poor	60%	2 NV / 1	OFF-EFFORT 06	11:49:00 PDT	18:49-GMT SD Lo Pacific white-sided dolphin Position: 172° / 2749 m Dir: East; Behavior: Moderate travel • Foraging	Total 50 — 0 Calves at sighting
Poor	60%	2 Fuzzy / 1 7	OFF-EFFORT 07	13:45:00 PDT	20:45-GMT Images: 9522-38 S Er Gray whale (northbound) Position: 120° / 778 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	60%	3 Fuzzy / 1 7	08	14:29:00 PDT	21:29-GMT Images: 9540-9554 S Er Gray whale (northbound) Position: 134° / 574 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

2012 All Sighting Numbers, raw

			Sighting Number	Time	Species / Vessel Type	
			Code	Code		
Poor	50%	2 Fuzzy / 17	09	14:51:00 PDT	21:51-GMT Images: 9556-9647 S Er Gray whale (northbound) Position: 114° / 1674 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Poor	40%	3 Fuzzy / -	OFF-EFFORT 10	16:00:00 PDT	23:00-GMT SW ULW unidentified large whale Position: 210° / 1483 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	40%	3 Fuzzy / -1	OFF-EFFORT 11	16:21:00 PDT	23:21-GMT Images: 9653-9658 S Er Gray whale (northbound) Position: 166° / 550 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
<hr/>						
			Apr 21	Day 69 of 98		
			CCvr Bft Horizon - Viz			
Poor	100	2 NV / 1	OFF-EFFORT 01	8:49:00 PDT	15:49-GMT Images: 9660-9666 S Er Gray whale (northbound) Position: 170° / 800 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	2 NV / 1	OFF-EFFORT 02	13:46:00 PDT	20:46-GMT Images: 9672-9679 S Er Gray whale (northbound) Position: 127° / 539 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	2 NV / 1	OFF-EFFORT 03	14:03:00 PDT	21:03-GMT Images: 9683-9736 S Er Gray whale (northbound) Position: 149° / 1106 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
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			Apr 22	Day 70 of 98		
			CCvr Bft Horizon - Viz			
Fair	100	1 Fuzzy / 2	01	8:57:00 PDT	15:57-GMT Images: 9744-9811 S Er Gray whale (northbound) Position: 124° / 946 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	1 Fuzzy / 2	02	9:35:00 PDT	16:35-GMT SD D sp Common dolphin species Position: 184° / 2749 m Dir: East; Behavior: Moderate travel • Leap	Total 300 — 0 Calves at sighting
Poor	100	1 Fuzzy / 2	03	10:00:00 PDT	17:00-GMT V Touring-Whale watching-- • Condor Express Position: 117° / 2260 m Dir: West	1 vessel
Poor	100	1 Fuzzy / 2	04	10:06:00 PDT	17:06-GMT Images: 9813-9912 S Er Gray whale (northbound) Position: 102° / 2260 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Poor	100	1 Fuzzy / 17	05	11:21:00 PDT	18:21-GMT V Private-Sportfishing-- • Position: 220° / 1483 m Dir: East	1 vessel
Poor	100	1 Fuzzy / 17	06	11:54:00 PDT	18:54-GMT SP Pv Harbor seal Position: 240° / 209 m Dir: West; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Poor	100	1 Fuzzy / 17	07	12:03:00 PDT	19:03-GMT V Private-Sportfishing-- • Position: 169° / 1483 m Dir: East	1 vessel
Poor	100	1 Fuzzy / 17	08	12:47:00 PDT	19:47-GMT Images: 9915-9932 S Er Gray whale (northbound) Position: 115° / 1020 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	0 Fuzzy / 17	09	13:06:00 PDT	20:06-GMT V Private-Cruising-- • Position: 264° / 2749 m Dir: North	1 vessel
Poor	100	0 Fuzzy / 17	10	13:26:00 PDT	20:26-GMT V Private-Sportfishing-- • Position: 213° / 2260 m Dir: East	1 vessel
Poor	100	0 Fuzzy / 17	11	13:50:00 PDT	20:50-GMT V Private-Sportfishing-- • 3995ERP Position: 279° / 913 m Dir: East	1 vessel
Poor	100	0 Fuzzy / 17	12	14:15:00 PDT	21:15-GMT Images: 9937-9982 S Er Gray whale (northbound) Position: 159° / 600 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
CCvr	Bft	Horizon	Viz	Code		
Poor	100	0	Fuzzy / 2	13	14:20:00 PDT 21:20-GMT V Private-Sportfishing-Boston Whaler- ● Position: 271° / 1483 m Dir: ni	1 vessel
Poor	100	0	Fuzzy / 2	14	14:33:00 PDT 21:33-GMT V Fish Commercial-Urchin Diving-- ● Position: 168° / 3088 m Dir: West	1 vessel
Poor	100	1	Fuzzy / 2	15	14:37:00 PDT 21:37-GMT V Oil services-Crew boat-- ● Position: 152° / 3088 m Dir: West	1 vessel
Poor	100	1	Fuzzy / 2	16	14:39:00 PDT 21:39-GMT Images: 9984-0024 S Er Gray whale (northbound) Position: 109° / 1483 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	1	Fuzzy / 3	17	15:29:00 PDT 22:29-GMT Images: 0029-0157 S Er Gray whale (northbound) Position: 106° / 1674 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Poor	100	1	Fuzzy / 3	18	15:37:00 PDT 22:37-GMT Images: 0159-0215 S Er Gray whale (northbound) Position: 104° / 2749 m Dir: West; Behavior: Slow travel	Total 3 — 1 Calf at sighting
Poor	100	1	Fuzzy / 2	19	15:46:00 PDT 22:46-GMT V Private--Kayak/canoe- ● Position: 116° / 661 m Dir: West	1 vessel
Poor	100	1	Fuzzy / 2	20	16:25:00 PDT 23:25-GMT Images: 0217-0409 S Er Gray whale (northbound) Position: 100° / 3088 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Poor	100	1	Fuzzy / 2	21	16:28:00 PDT 23:28-GMT Images: 0210-0409 S Er Gray whale (northbound) Position: 98° / 3528 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting

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CCvr	Bft	Horizon	Viz		Time	Species / Vessel Type	
Fair	100	1	Fuzzy / 2	01	10:07:00 PDT 17:07-GMT Images: 0410-0563 S Er Gray whale (northbound) Position: 201° / 528 m Dir: West; Behavior: Slow travel	Total 8 — 4 Calves at sighting	
Fair	100	1	Fuzzy / 2	02	10:25:00 PDT 17:25-GMT Images: 0565-0631 S Er Gray whale (northbound) Position: 208° / 508 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting	
Fair	100	2	Fuzzy / 2	03	10:54:00 PDT 17:54-GMT Images: 0634-0885 S Er Gray whale (northbound) Position: 139° / 412 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting	
Fair	100	2	Fuzzy / 2	04	11:36:00 PDT 18:36-GMT SD Tt Bottlenose dolphin Position: 144° / 447 m Dir: West; Behavior: Moderate travel	Total 6 — 0 Calves at sighting	
Fair	100	2	Fuzzy / 2	05	11:44:00 PDT 18:44-GMT Images: 0890-0981 S Er Gray whale (northbound) Position: 134° / 539 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting	
Fair	100	2	Fuzzy / 2	06	11:58:00 PDT 18:58-GMT SD Tt Bottlenose dolphin Position: 296° / 314 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting	
Fair	100	2	Fuzzy / 2	07	12:28:00 PDT 19:28-GMT SD D sp Common dolphin species Position: 119° / 1483 m Dir: West; Behavior: Slow travel • Foraging	Total 100 — 0 Calves at sighting	
Fair	100	2	Fuzzy / 2	08	12:48:00 PDT 19:48-GMT V Airship--Helicopter- ● SBOP Position: 174° / 150 m Dir: West	1 vessel	
Fair	100	2	Fuzzy / 2	09	12:50:00 PDT 19:50-GMT V Oil services-Crew boat-- ● Position: 279° / 3528 m Dir: South	1 vessel	
Fair	100	2	Fuzzy / 2	10	12:52:00 PDT 19:52-GMT SD Tt Bottlenose dolphin Position: 144° / 489 m Dir: West; Behavior: Slow travel	Total 6 — 0 Calves at sighting	

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	100	1	Sharp / 3	11	13:36:00 PDT 20:36-GMT Images: 0994-1002 S Er Gray whale (northbound) Position: 100° / 3528 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair	100	1	Sharp / 3	12	13:48:00 PDT 20:48-GMT SD Tt Bottlenose dolphin Position: 173° / 244 m Dir: East; Behavior: Moderate travel	Total 4 — 0 Calves at sighting
Fair	100	2	Sharp / 3	13	14:45:00 PDT 21:45-GMT V Oil services-Crew boat-- • Position: 264° / 3088 m Dir: South	1 vessel
Fair	100	2	Sharp / 3	14	15:06:00 PDT 22:06-GMT V Fish Commercial-Lobster/Crab-- • L13127 Position: 259° / 3088 m Dir: East	1 vessel
Fair	100	2	Sharp / 3	15	15:07:00 PDT 22:07-GMT SD Tt Bottlenose dolphin Position: 226° / 275 m Dir: East; Behavior: Moderate travel	Total 10 — 1 Calf at sighting
Fair	100	2	Sharp / 3	16	15:13:00 PDT 22:13-GMT SD Tt Bottlenose dolphin Position: 229° / 356 m Dir: East; Behavior: Moderate travel	Total 3 — 0 Calves at sighting
Fair	100	2	Sharp / 3	17	15:17:00 PDT 22:17-GMT Images: 1004-1219 S Er Gray whale (northbound) Position: 98° / 3088 m Dir: West; Behavior: Slow travel	Total 6 — 3 Calves at sighting
Fair	100	2	Sharp / 3	18	15:27:00 PDT 22:27-GMT SD Tt Bottlenose dolphin Position: 214° / 455 m Dir: East; Behavior: Moderate travel	Total 6 — 0 Calves at sighting
Fair	100	2	Sharp / 3	19	16:01:00 PDT 23:01-GMT V Fish Commercial-Line-- • Position: 254° / 1403 m Dir: East	1 vessel
Fair	100	2	Sharp / 3	20	16:02:00 PDT 23:02-GMT V Airship--Helicopter- • SBOP Position: 174° / 300 m Dir: West	1 vessel
Fair	100	2	Fuzzy / 3	21	16:23:00 PDT 23:23-GMT V Oil services-Crew boat-- • Position: 134° / 5027 m Dir: West	1 vessel

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CCvr Bft Horizon - Viz

				15 void	PDT 7:-GMT	
Fair	90%	1	Fuzzy / 2	01	9:07:00 PDT 16:07-GMT Images: 1221-1298 S Er Gray whale (northbound) Position: 132° / 600 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	90%	1	Fuzzy / 2	02	9:28:00 PDT 16:28-GMT Images: 1300-1316 S Er Gray whale (northbound) Position: 178° / 600 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	90%	0	Fuzzy / 2	03	9:53:00 PDT 16:53-GMT Images: 1387-1446 S Er Gray whale (northbound) Position: 99° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	90%	0	Fuzzy / 2	04	9:58:00 PDT 16:58-GMT Images: 1321-1383 S Er Gray whale (northbound) Position: 117° / 1208 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	90%	0	Fuzzy / 2	05	10:50:00 PDT 17:50-GMT V Oil services-Crew boat-- • Position: 292° / 3088 m Dir: South	1 vessel
Fair	90%	0	Fuzzy / 2	06	10:52:00 PDT 17:52-GMT V Private-Cruising-- • Position: 267° / 3088 m Dir: East	1 vessel
Fair	90%	0	Fuzzy / 2	07	10:57:00 PDT 17:57-GMT V Oil services-Crew boat-- • Position: 286° / 3088 m Dir: East	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	90%	0	Fuzzy / 2	08	11:37:00 PDT S	18:37-GMT Images: 1457-1637 Er Gray whale (northbound) Position: 102° / 3088 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Fair	90%	0	NV / 2	09	12:33:00 PDT S	19:33-GMT Images: 1639-1664 Er Gray whale (northbound) Position: 142° / 778 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	90%	0	NV / 2	10	12:42:00 PDT V	19:42-GMT Oil services-Crew boat-- ● Position: 259° / 3088 m Dir: South	1 vessel
Fair	90%	1	Fuzzy / 2	11	12:45:00 PDT S	19:45-GMT Images: 1666-1720 Er Gray whale (northbound) Position: 118° / 946 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	90%	1	Fuzzy / 2	12	13:20:00 PDT SD	20:20-GMT Tt Bottlenose dolphin Position: 163° / 264 m Dir: East	Total 1 — 0 Calves at sighting
Fair	90%	1	Fuzzy / 2	13	13:29:00 PDT V	20:29-GMT Airship--Helicopter- ● SBOP Position: 174° / 150 m Dir: West	1 vessel
Good	90%	1	Fuzzy / 2	14	13:41:00 PDT S	20:41-GMT Images: 1724-1871 Er Gray whale (northbound) Position: 108° / 827 m Dir: West; Behavior: Slow travel	Total 6 — 3 Calves at sighting
Good	90%	1	Fuzzy / 2	16	14:22:00 PDT V	21:22-GMT Fish Commercial-Urchin Diving-- ● Ocean Pearl Position: 224° / 3088 m Dir: East	1 vessel
Good	90%	1	Fuzzy / 2	17	14:37:00 PDT V	21:37-GMT Research---UCSB ● Position: 254° / 1483 m Dir: East	1 vessel
Good	90%	1	Fuzzy / 2	18	14:37:00 PDT S	21:37-GMT Images: 1874-1951 Er Gray whale (northbound) Position: 214° / 412 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	90%	1	Fuzzy / 2	19	14:42:00 PDT V	21:42-GMT Oil services-Crew boat-- ● Position: 258° / 3088 m Dir: South	1 vessel
Fair	90%	1	Fuzzy / 2	20	14:56:00 PDT SP	21:56-GMT Pv Harbor seal Position: 134° / 253 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	90%	1	Fuzzy / 2	21	14:59:00 PDT V	21:59-GMT Airship--Helicopter- ● SBOP Position: 174° / 150 m Dir: West	1 vessel
Fair	90%	1	Fuzzy / 2	22	15:02:00 PDT S	22:02-GMT Er Gray whale (northbound) Position: 169° / 1922 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	90%	1	Fuzzy / 2	23	15:50:00 PDT V	22:50-GMT Images: 1958-9 Private-Cruising-- ● Position: 239° / 1922 m Dir: East	1 vessel
Fair	90%	0	Fuzzy / 2	24	15:56:00 PDT V	22:56-GMT Airship--Helicopter- ● Position: 174° / 150 m Dir: West	1 vessel
Fair	90%	0	Fuzzy / 2	25	16:29:00 PDT V	23:29-GMT Research---CA Fish + Game ● Position: 239° / 1922 m Dir: East	1 vessel
Fair	90%	0	Fuzzy / 2	26	16:31:00 PDT SD	23:31-GMT Tt Bottlenose dolphin Position: 251° / 455 m Dir: East	Total 7 — 0 Calves at sighting
Fair	90%	0	Fuzzy / 2	27	16:39:00 PDT V	23:39-GMT Oil services-Crew boat-- ● Position: 293° / 3528 m Dir: South	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
CCvr	Bft	Horizon - Viz		Code		
Fair	90%	0	Fuzzy / 2	28	17:00:00 PDT 0:00; 4/25/2012-GMT Images: 1960	
				V	Enforcement--RHIB-CA Fish + Game • Position: 199° / 489 m Dir: East	1 vessel
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Apr 25 Day 73 of 98						
Poor				01	9:02:00 PDT 16:02-GMT	
				V	Oil services-Crew boat-- • Position: 282° / 3528 m Dir: South	1 vessel
Poor	80%	1	Fuzzy / 2	02	9:47:00 PDT 16:47-GMT Images: 1996-2011	
				S	Er Gray whale (northbound) Position: 115° / 913 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	60%	1	Fuzzy / 2	03	10:13:00 PDT 17:13-GMT	
				V	Airship--Helicopter-Coast Guard • Position: 174° / 10 m Dir: West	1 vessel
Poor	60%	1	Fuzzy / 2	04	10:30:00 PDT 17:30-GMT	
				S	Er Gray whale (northbound) Position: 202° / 883 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	60%	1	Fuzzy / 2	05	10:43:00 PDT 17:43-GMT	
				V	Oil services-Crew boat-- • Position: 271° / 3528 m Dir: South	1 vessel
Poor	60%	1	Fuzzy / 2	06	11:19:00 PDT 18:19-GMT	
				S	Er Gray whale (northbound) Position: 102° / 3088 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Poor	60%	1	Fuzzy / 2	07	11:25:00 PDT 18:25-GMT Images: 2024-2083	
				S	Er Gray whale (northbound) Position: 106° / 1331 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Poor	60%	1	Fuzzy / 2	08	11:47:00 PDT 18:47-GMT	
				SW	ULW unidentified large whale Position: 103° / 2749 m Dir: West	Total 1 — 0 Calves at sighting
Poor	60%	1	Fuzzy / 2	09	12:13:00 PDT 19:13-GMT Images: 2088-2122	
				S	Er Gray whale (northbound) Position: 145° / 400 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	1	Fuzzy / 2	10	12:27:00 PDT 19:27-GMT	
				V	Oil services-Crew boat-- • Position: 288° / 3528 m Dir: South	1 vessel
Poor	100	1	Fuzzy / 2	11	13:04:00 PDT 20:04-GMT	
				V	Touring-Whale watching-- • Condor Express Position: 97° / 3528 m Dir: West	1 vessel
Poor	100	1	Fuzzy / 2	12	13:06:00 PDT 20:06-GMT Images: 2124	
				V	Fish Commercial-Urchin Diving-- • Position: 261° / 2260 m Dir: East	1 vessel
Poor	100	1	Fuzzy / 2	13	13:28:00 PDT 20:28-GMT	
				S	Er Gray whale (northbound) Position: 180° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	1	Fuzzy / 2	14	13:33:00 PDT 20:33-GMT	
				SD	Tt Bottlenose dolphin Position: 115° / 539 m Dir: West	Total 5 — 0 Calves at sighting
Poor	100	1	Fuzzy / 2	15	13:40:00 PDT 20:40-GMT	
				V	Research---CINMS • Position: 265° / 1922 m Dir: East	1 vessel
Poor	100	1	Fuzzy / 2	16	13:43:00 PDT 20:43-GMT Images: 2130-2172	
				S	Er Gray whale (northbound) Position: 145° / 778 m Dir: West; Behavior: Slow travel	Total 3 — 1 Calf at sighting
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Apr 26 Day 74 of 98						
Fair	90%	2	Fuzzy / 2	01	9:54:00 PDT 16:54-GMT Images: 2196-2232	
				S	Er Gray whale (northbound) Position: 109° / 1674 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	90%	2	Fuzzy / 1 7	02	10:35:00 PDT SD	17:35-GMT D sp Common dolphin species Position: 131° / 1483 m Dir: West; Behavior: Slow travel	Total 80 — 0 Calves at sighting
Fair	90%	3	Fuzzy / 1 7	03	11:11:00 PDT V	18:11-GMT Fish Commercial-Urchin Diving-- • Ocean Pearl Position: 157° / 489 m Dir: West	1 vessel
Fair	90%	3	Fuzzy / 1 7	04	11:21:00 PDT S	18:21-GMT Images: 2238-2366 Er Gray whale (northbound) Position: 100° / 3088 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Fair	40%	3	Fuzzy / 2	05	12:12:00 PDT S	19:12-GMT Images: 2368-2511 Er Gray whale (northbound) Position: 101° / 3528 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Fair	40%	3	Fuzzy / 2	06	12:25:00 PDT V	19:25-GMT Oil services-Work-boat-- • Position: 277° / 1106 m Dir: No direction	1 vessel
Fair	40%	3	Fuzzy / 2	07	12:25:00 PDT V	19:25-GMT Oil services-Tug (little)-- • Position: 284° / 1331 m Dir: No direction	1 vessel
Fair	40%	4	Fuzzy / 2	08	13:23:00 PDT V	20:23-GMT Touring-Whale watching-- • Condor Express Position: 104° / 3088 m Dir: West	1 vessel
Poor	30%	5	Fuzzy / 2 OFF-EFFORT	09	13:48:00 PDT S	20:48-GMT Images: 2523-2563 Er Gray whale (northbound) Position: 106° / 1106 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

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CCvr	Bft	Horizon - Viz					
Fair	0%	1	Fuzzy / 2	01	8:55:00 PDT S	15:55-GMT Images: 2567-2758 Er Gray whale (northbound) Position: 107° / 1674 m Dir: West; Behavior: Slow travel	Total 6 — 3 Calves at sighting
Fair	0%	1	Fuzzy / 2	02	9:00:00 PDT S	16:00-GMT Images: 2763-2805 Er Gray whale (northbound) Position: 103° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	0%	1	Fuzzy / 2	03	9:03:00 PDT SD	16:03-GMT Tt Bottlenose dolphin Position: 128° / 539 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0%	1	Fuzzy / 2	04	9:20:00 PDT S	16:20-GMT Images: 2809-2901 Er Gray whale (northbound) Position: 152° / 388 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Fair	0%	1	Fuzzy / 2	05	10:09:00 PDT S	17:09-GMT Images: 2903-2991 Er Gray whale (northbound) Position: 107° / 2260 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Good	0%	2	Fuzzy / 2	06	11:03:00 PDT SD	18:03-GMT Tt Bottlenose dolphin Position: 226° / 300 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	0%	2	Fuzzy / 2	07	11:45:00 PDT S	18:45-GMT Images: 2995-3018 Er Gray whale (northbound) Position: 101° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	0%	2	Fuzzy / 2	08	11:50:00 PDT V	18:50-GMT Private--Sailboat- • Position: 112° / 3088 m Dir: East	1 vessel
Good	0%	3	Fuzzy / 2	09	12:09:00 PDT S	19:09-GMT Images: 3021-3162 Er Gray whale (northbound) Position: 99° / 2749 m Dir: West; Behavior: Slow travel	Total 6 — 3 Calves at sighting
Good	0%	3	Fuzzy / 2	10	12:24:00 PDT SD	19:24-GMT Tt Bottlenose dolphin Position: 111° / 778 m Dir: West; Behavior: Slow travel • with Er	Total 12 — 0 Calves at sighting
Good	0%	3	Fuzzy / 2	11	13:04:00 PDT S	20:04-GMT Images: 3164-3339 Er Gray whale (northbound) Position: 124° / 778 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
Good	0%	3	Fuzzy / 2	Code		
				12	13:17:00 PDT 20:17-GMT SD UD unidentified dolphin Position: 174° / 1403 m Dir: West	Total 1 — 0 Calves at sighting
Fair	40%	3	Fuzzy / 2	13	14:09:00 PDT 21:09-GMT V Oil services-Work-boat-- ● Position: 218° / 1922 m Dir: East	1 vessel
Fair	40%	3	Fuzzy / 2	14	14:36:00 PDT 21:36-GMT Images: 3341-3397 S Er Gray whale (northbound) Position: 107° / 1208 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	40%	3	Fuzzy / 2	15	14:55:00 PDT 21:55-GMT V Oil services-Crew boat-- ● Position: 234° / 3088 m Dir: No direction	1 vessel
Fair	40%	3	Fuzzy / 2	16	15:15:00 PDT 22:15-GMT Images: 3400-3412 S Er Gray whale (northbound) Position: 129° / 883 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	40%	3	Fuzzy / 2	17	15:44:00 PDT 22:44-GMT V Airship--Helicopter- ● SBOP Position: 174° / 150 m Dir: West	1 vessel
Fair	40%	3	Fuzzy / 2	18	16:06:00 PDT 23:06-GMT V Oil services-Crew boat-- ● Position: 245° / 3088 m Dir: South	1 vessel
Fair	40%	3	Fuzzy / 2	19	16:08:00 PDT 23:08-GMT Images: 3415-3436 S Er Gray whale (northbound) Position: 104° / 2260 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting

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CCvr	Bft	Horizon - Viz		Time	Species / Vessel Type	
Fair	30%	2	Fuzzy / 2	01	9:05:00 PDT 16:05-GMT V Oil services-Work-boat-- ● Position: 273° / 1483 m Dir: No direction	1 vessel
Fair	30%	2	Fuzzy / 2	02	9:12:00 PDT 16:12-GMT SD Tt Bottlenose dolphin Position: 108° / 735 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair	30%	2	Fuzzy / 2	03	9:47:00 PDT 16:47-GMT V Oil services-Work-boat-- ● Position: 245° / 1483 m Dir: East	1 vessel
Fair	40%	1	Fuzzy / 2	04	10:09:00 PDT 17:09-GMT SP Pv Harbor seal Position: 161° / 377 m Dir: East; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Fair	40%	1	Fuzzy / 2	05	10:41:00 PDT 17:41-GMT Images: 3439, 3487-90 V Private-Cruising-- ● Guilty Position: 103° / 2749 m Dir: West	1 vessel
Fair	40%	1	Fuzzy / 2	06	10:54:00 PDT 17:54-GMT Images: 3440-3483 S Er Gray whale (northbound) Position: 112° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	40%	1	Fuzzy / 2	07	11:41:00 PDT 18:41-GMT Images: 3485-6 S Er Gray whale (northbound) Position: 107° / 2749 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	40%	1	Fuzzy / 2	08	12:12:00 PDT 19:12-GMT V Oil services-Crew boat-- ● Position: 155° / 2749 m Dir: West	1 vessel
Fair	40%	1	Fuzzy / 2	09	13:24:00 PDT 20:24-GMT Images: 3492-3522 S Er Gray whale (northbound) Position: 101° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	40%	1	Fuzzy / 2	10	13:31:00 PDT 20:31-GMT V Private-Cruising-- ● Position: 104° / 2749 m Dir: West	1 vessel
Fair	40%	1	Fuzzy / 2	11	13:57:00 PDT 20:57-GMT V Oil services-Crew boat-- ● Position: 266° / 3528 m Dir: South	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	40%	1	Fuzzy / 2	12	14:07:00 PDT	21:07-GMT SD D sp Common dolphin species Position: 116° / 2749 m Dir: West; Behavior: Moderate travel	Total 50 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	13	14:28:00 PDT	21:28-GMT Images: 3567-3626 S Er Gray whale (northbound) Position: 102° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	1	Fuzzy / 2	14	14:43:00 PDT	21:43-GMT V Private--Jet-ski- ● Position: 107° / 2749 m Dir: West	2 vessels
Fair	20%	1	Fuzzy / 2	15	15:19:00 PDT	22:19-GMT Images: 3628-3752 S Er Gray whale (northbound) Position: 116° / 678 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	1	Fuzzy / 2	16	15:48:00 PDT	22:48-GMT Images: 3755-3777 S Er Gray whale (northbound) Position: 142° / 412 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	1	Fuzzy / 2	17	16:34:00 PDT	23:34-GMT V Airship--Helicopter- ● SBOP Position: 174° / 200 m Dir: West	1 vessel
Fair	20%	1	Fuzzy / 2	18	16:41:00 PDT	23:41-GMT S Er Gray whale (northbound) Position: 104° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	1	Fuzzy / 2	19	16:46:00 PDT	23:46-GMT Images: 3779-3880 S Er Gray whale (northbound) Position: 106° / 2260 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

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CCvr	Bft	Horizon	Viz				
Fair	40%	1	Fuzzy / 2	01	9:40:00 PDT	16:40-GMT V Oil services-Crew boat-- ● Position: 282° / 3528 m Dir: South	1 vessel
Fair	40%	1	Fuzzy / 2	02	9:43:00 PDT	16:43-GMT V Oil services-Crew boat-- ● Position: 137° / 3088 m Dir: West	1 vessel
Fair	40%	1	Fuzzy / 2	03	9:54:00 PDT	16:54-GMT V Touring-Whale watching-- ● Condor Express Position: 104° / 2749 m Dir: West	1 vessel
Fair	40%	1	Fuzzy / 2	04	9:55:00 PDT	16:55-GMT Images: 3883-3954 S Er Gray whale (northbound) Position: 102° / 2749 m Dir: West; Behavior: Slow travel ● Rolling ● Fluke	Total 2 — 1 Calf at sighting
Fair	40%	1	Fuzzy / 2	05	10:32:00 PDT	17:32-GMT V Airship--Blimp- ● Nickelodeon Position: 174° / 1000 m Dir: ni	1 vessel
Fair	40%	1	Fuzzy / 2	06	11:04:00 PDT	18:04-GMT V Airship--Blimp- ● Hangar Vodka Position: 174° / 500 m Dir: ni	1 vessel
Fair	50%	1	Fuzzy / 2	07	11:48:00 PDT	18:48-GMT V Private-Sportfishing-- ● Position: 103° / 3088 m Dir: West	1 vessel
Fair	50%	1	Fuzzy / 2	08	11:53:00 PDT	18:53-GMT V Oil services-Work-boat-- ● Position: 276° / 1403 m Dir: ni	1 vessel
Fair	50%	1	Fuzzy / 2	09	11:53:00 PDT	18:53-GMT V Oil services-Work-boat-- ● Position: 276° / 1403 m Dir: ni	1 vessel
Poor	50%	1	Fuzzy / 1.7	10	12:21:00 PDT	19:21-GMT V Fish Commercial-Urchin Diving-- ● Position: 106° / 3088 m Dir: West	1 vessel
Poor	50%	1	Fuzzy / 1.7	11	12:22:00 PDT	19:22-GMT Images: 3959-4014 S Er Gray whale (northbound) Position: 143° / 778 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Poor	50%	1	Fuzzy / 17	12	12:54:00 PDT 19:54-GMT V	Fish Commercial-Urchin Diving-- • 2745GX Position: 117° / 2749 m Dir: West 1 vessel
Poor	50%	1	Fuzzy / 17	13	12:55:00 PDT 19:55-GMT S	Images: 4016-4272 Er Gray whale (northbound) Position: 100° / 3088 m Dir: West; Behavior: Slow travel Total 4 — 2 Calves at sighting
Poor	10%	1	Fuzzy / 17	14	13:41:00 PDT 20:41-GMT V	Private-Cruising-RHIB- • 4052HH Position: 260° / 1020 m Dir: East 1 vessel
Poor	10%	1	Fuzzy / 17	15	13:44:00 PDT 20:44-GMT S	Images: 4274-4335 Er Gray whale (northbound) Position: 100° / 2260 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Poor	10%	1	Fuzzy / 17	16	13:45:00 PDT 20:45-GMT SD	Tt Bottlenose dolphin Position: 264° / 600 m Dir: East; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	10%	1	Fuzzy / 2	17	14:08:00 PDT 21:08-GMT V	Oil services-Crew boat-- • Position: 287° / 3088 m Dir: South 1 vessel
Poor	10%	1	Fuzzy / 2	18	14:16:00 PDT 21:16-GMT S	Images: 4338-4372 Er Gray whale (northbound) Position: 127° / 489 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Poor	10%	1	Fuzzy / 2	19	14:19:00 PDT 21:19-GMT S	Images: 4374-4468 Er Gray whale (northbound) Position: 104° / 1331 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Poor	10%	1	Fuzzy / 2	20	14:40:00 PDT 21:40-GMT S	Images: 4470-4539 Er Gray whale (northbound) Position: 124° / 778 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Poor	10%	1	Fuzzy / 2	21	14:44:00 PDT 21:44-GMT V	Fish Commercial-Urchin Diving-- • 4431NW Position: 109° / 2260 m Dir: West 1 vessel
Poor	10%	1	Fuzzy / 2	22	14:53:00 PDT 21:53-GMT SD	Tt Bottlenose dolphin Position: 185° / 883 m Dir: South; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	10%	2	Fuzzy / 17	23	15:20:00 PDT 22:20-GMT S	Images: 4541-4559 Er Gray whale (northbound) Position: 107° / 1674 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Poor	10%	2	Fuzzy / 17	24	15:39:00 PDT 22:39-GMT S	Er Gray whale (northbound) Position: 218° / 1331 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Poor	10%	2	Fuzzy / 17	25	15:40:00 PDT 22:40-GMT SP	Pv Harbor seal Position: 223° / 258 m Dir: West; Behavior: Slow travel • in surf zone Total 1 — 0 Pups at sighting
Poor	10%	2	Fuzzy / 17	26	15:51:00 PDT 22:51-GMT S	Images: 4562-4588 Er Gray whale (northbound) Position: 112° / 1483 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Poor	10%	2	Fuzzy / 17	27	15:52:00 PDT 22:52-GMT S	Images: 4590-4613 Er Gray whale (northbound) Position: 101° / 2749 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Poor	10%	2	Fuzzy / 15	28	16:06:00 PDT 23:06-GMT V	Private-Cruising-- • Position: 227° / 338 m Dir: East 1 vessel
Poor	10%	2	Fuzzy / 15	29	16:19:00 PDT 23:19-GMT V	Touring-Whale watching-- • Condor Express Position: 105° / 3088 m Dir: West 1 vessel
Poor	10%	2	Fuzzy / 15	30	16:47:00 PDT 23:47-GMT V	Airship--Helicopter- • Position: 174° / 25 m Dir: West 1 vessel

2012 All Sighting Numbers, raw

				Sighting Number	Time	Species / Vessel Type			
					Code				
Poor	10%	2	Fuzzy / 1 5	OFF-EFFORT 31	16:52:00 PDT S	23:52-GMT Er Gray whale (northbound) Position: 184° / 1483 m Dir: West; Behavior: Slow travel	Total 1	0 Calves at sighting	
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Apr 30 Day 78 of 98									
	CCvr	Bft	Horizon - Viz						
Poor	100	1	Fuzzy / 1 7	01	9:00:00 PDT V	16:00-GMT Oil services-Barge+Tug-- ● Position: 270° / 1674 m Dir: No direction	1 vessel		
Poor	100	1	Fuzzy / 1 7	02	9:00:00 PDT V	16:00-GMT Oil services-Barge+Tug-- ● Position: 239° / 3528 m Dir: No direction	1 vessel		
Poor	100	1	Fuzzy / 1 7	03	9:00:00 PDT V	16:00-GMT Oil services-Tug (little)-- ● Position: 240° / 3528 m Dir: No direction	1 vessel		
Poor	100	1	Fuzzy / 1 7	04	9:05:00 PDT V	16:05-GMT Oil services-Crew boat-- ● Position: 272° / 3528 m Dir: North	1 vessel		
Poor	100	1	Fuzzy / 1 7	05	9:31:00 PDT SD	16:31-GMT D sp Common dolphin species Position: 118° / 3088 m Dir: West; Behavior: Moderate travel ● Foraging	Total 40	0 Calves at sighting	
Poor	100	3	Fuzzy / 1 7	06	11:30:00 PDT S	18:30-GMT Images: 4620-4689 Er Gray whale (northbound) Position: 106° / 1922 m Dir: West; Behavior: Slow travel	Total 2	1 Calf at sighting	
Poor	100	3	Fuzzy / 1 7	07	11:42:00 PDT S	18:42-GMT Images: 4691-4739 Er Gray whale (northbound) Position: 105° / 2749 m Dir: West; Behavior: Slow travel	Total 2	1 Calf at sighting	
Poor	100	3	Fuzzy / 1 7	08	12:07:00 PDT S	19:07-GMT Images: 4743-4795 Er Gray whale (northbound) Position: 132° / 883 m Dir: West; Behavior: Slow travel	Total 2	1 Calf at sighting	
Poor	100	3	Fuzzy / 1 7	09	12:29:00 PDT S	19:29-GMT Images: 4797-4899 Er Gray whale (northbound) Position: 114° / 778 m Dir: West; Behavior: Slow travel	Total 4	2 Calves at sighting	
Poor	100	3	Fuzzy / 1 7	10	12:35:00 PDT S	19:35-GMT Er Gray whale (northbound) Position: 166° / 489 m Dir: West; Behavior: Slow travel	Total 2	1 Calf at sighting	
Poor	100	3	Fuzzy / 1 7	11	12:50:00 PDT S	19:50-GMT Images: 4900-4908 Er Gray whale (northbound) Position: 224° / 356 m Dir: West; Behavior: Slow travel	Total 2	1 Calf at sighting	
Poor	100	3	Fuzzy / 1 7	12	12:52:00 PDT S	19:52-GMT Er Gray whale (northbound) Position: 124° / 550 m Dir: West; Behavior: Slow travel	Total 2	1 Calf at sighting	
Poor	100	3	Fuzzy / 2	13	13:17:00 PDT V	20:17-GMT Fish Commercial-Urchin Diving-- ● Position: 253° / 3088 m Dir: East	1 vessel		
Poor	100	3	Fuzzy / 2	14	13:30:00 PDT S	20:30-GMT Images: 4975-5017 Er Gray whale (northbound) Position: 104° / 3088 m Dir: West; Behavior: Slow travel	Total 2	1 Calf at sighting	
Poor	100	3	Fuzzy / 2	15	13:37:00 PDT V	20:37-GMT Images: 4971-4974 Research--RHIB- ● Position: 101° / 3088 m Dir: West	1 vessel		
Poor	100	3	Fuzzy / 2	16	13:37:00 PDT V	20:37-GMT Images: 4968-71 Private-Cruising-- ● Position: 105° / 2749 m Dir: West	1 vessel		
Poor	100	3	Fuzzy / 2	17	13:43:00 PDT S	20:43-GMT Images: 5021-54 Er Gray whale (northbound) Position: 110° / 1922 m Dir: West; Behavior: Slow travel	Total 2	1 Calf at sighting	
Poor	100	3	Fuzzy / 2	18	13:45:00 PDT V	20:45-GMT Oil services-Oil-spill recovery-- ● Ocean Position: 126° / 3528 m Dir: West	1 vessel		

2012 All Sighting Numbers, raw

Sighting Number			Time	Code	Species / Vessel Type	
Poor	100	3 Fuzzy / 2	19 14:03:00 PDT	V	Oil services-Crew boat-- ● Position: 134° / 3528 m Dir: West	1 vessel
Poor	100	3 Fuzzy / 2	20 14:42:00 PDT	SP	Pv Harbor seal Position: 117° / 275 m Dir: No direction; Behavior: in kelp ● in surf zone	Total 1 — 0 Pups at sighting
Poor	100	3 Fuzzy / 2	21 15:06:00 PDT	S	Er Gray whale (northbound) Position: 107° / 2260 m Dir: West; Behavior: Slow travel ● Breach	Total 2 — 1 Calf at sighting
Poor	100	3 Fuzzy / 2	22 15:09:00 PDT	V	Fish Commercial-Lobster/Crab-- ● L13127 Position: 245° / 1403 m Dir: East	1 vessel
Poor	100	3 Fuzzy / 2	23 15:27:00 PDT	S	Er Gray whale (northbound) Position: 130° / 827 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	3 Fuzzy / 2	24 15:36:00 PDT	V	Private-Cruising-- ● Position: 254° / 1106 m Dir: East	1 vessel
Poor	100	3 Fuzzy / 2	25 15:48:00 PDT	V	Oil services-Barge+Tug-- ● Position: 284° / 1403 m Dir: No direction	1 vessel
Poor	100	3 Fuzzy / 2	26 15:58:00 PDT	V	Fish Commercial-Net-- ● Position: 122° / 3528 m Dir: West	1 vessel
Poor	100	3 Fuzzy / 1	27 16:10:00 PDT	S	Er Gray whale (northbound) Position: 101° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

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CCvr	Bft	Horizon - Viz	Sighting Number	Time	Code	Species / Vessel Type	
Fair	100	3 Fuzzy / 3	01	9:01:00 PDT	V	Oil services-Crew boat-- ● Position: 287° / 1331 m Dir: No direction	1 vessel
Fair	100	3 Fuzzy / 3	02	9:02:00 PDT	V	Oil services-Tug (little)-- ● Julie Position: 269° / 1483 m Dir: No direction	1 vessel
Fair	100	3 Fuzzy / 3	03	10:27:00 PDT	V	Research-Diving--UCSB ● Position: 174° / 946 m Dir: East	1 vessel
Fair	100	2 Fuzzy / 3	04	11:19:00 PDT	V	Oil services-Barge+Tug-- ● Penguin Position: 269° / 696 m Dir: No direction	1 vessel
Fair	100	2 Fuzzy / 3	05	11:44:00 PDT	V	Oil services-Crew boat-- ● Position: 279° / 3528 m Dir: South	1 vessel
Fair	100	1 Fuzzy / 3	06	12:08:00 PDT	S	Er Gray whale (northbound) Position: 99° / 2749 m Dir: West; Behavior: Slow travel	Total 6 — 3 Calves at sighting
Fair	100	1 Fuzzy / 3	07	12:56:00 PDT	V	Oil services-Crew boat-- ● Position: 239° / 3528 m Dir: South	1 vessel
Fair	90%	1 Fuzzy / 2	08	13:12:00 PDT	S	Er Gray whale (northbound) Position: 106° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	90%	1 Fuzzy / 2	09	13:20:00 PDT	SD	Tt Bottlenose dolphin Position: 224° / 330 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	90%	1 Fuzzy / 2	10	13:21:00 PDT	V	Airship--Helicopter- ● N108LG Position: 174° / 100 m Dir: East	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	90%	1	Fuzzy / 2	11	13:27:00 PDT 20:27-GMT V	Airship--Helicopter- ● N343AA Position: 174° / 150 m Dir: East 1 vessel
Fair	90%	1	Fuzzy / 2	12	14:43:00 PDT 21:43-GMT SD	Lo Pacific white-sided dolphin Position: 157° / 2749 m Dir: West; Behavior: Parade Line Total 60 — 0 Calves at sighting
Fair	90%	1	Fuzzy / 2	13	15:11:00 PDT 22:11-GMT V	Oil services-Crew boat-- ● Position: 239° / 1922 m Dir: East 1 vessel
Fair	90%	1	Fuzzy / 2	14	15:19:00 PDT 22:19-GMT V	Private--Sailboat motoring- ● Position: 218° / 2749 m Dir: East 1 vessel
Fair	90%	1	Fuzzy / 2	15	15:35:00 PDT 22:35-GMT SP	Pv Harbor seal Position: 171° / 242 m Dir: East; Behavior: in kelp ● in surf zone Total 1 — 0 Pups at sighting
Fair	90%	1	Fuzzy / 2	16	15:42:00 PDT 22:42-GMT SP	Pv Harbor seal Position: 181° / 50 m Dir: No direction; Behavior: in kelp ● in surf zone Total 1 — 0 Pups at sighting
Fair	90%	1	Fuzzy / 2	17	15:47:00 PDT 22:47-GMT Images: 5510-5532 S	Er Gray whale (northbound) Position: 107° / 1922 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	90%	1	Fuzzy / 2	18	16:07:00 PDT 23:07-GMT V	Airship--Helicopter- ● Position: 174° / 200 m Dir: West 1 vessel
Fair	90%	1	Fuzzy / 2	19	16:13:00 PDT 23:13-GMT Images: 5545-5614 S	Er Gray whale (northbound) Position: 104° / 2749 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting

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CCvr	Bft	Horizon - Viz				
Fair	100	1	Fuzzy / 2	01	8:47:00 PDT 15:47-GMT Images: 5616-5617 S	Er Gray whale (northbound) Position: 238° / 366 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	100	1	Fuzzy / 2	02	9:08:00 PDT 16:08-GMT V	Oil services-Crew boat-- ● Position: 240° / 3528 m Dir: No direction 1 vessel
Fair	100	1	Fuzzy / 2	03	9:08:00 PDT 16:08-GMT V	Oil services-Work-boat-- ● Position: 262° / 1020 m Dir: No direction 1 vessel
Fair	100	1	Fuzzy / 2	04	9:09:00 PDT 16:09-GMT V	Oil services-Work-boat-- ● Position: 264° / 1020 m Dir: No direction 1 vessel
Fair	100	1	Fuzzy / 2	05	9:10:00 PDT 16:10-GMT V	Oil services-Tug (little)-- ● Position: 275° / 1674 m Dir: No direction 1 vessel
Fair	100	1	Fuzzy / 2	06	9:11:00 PDT 16:11-GMT V	Oil services-Obsevation-- ● Position: 286° / 1483 m Dir: No direction 1 vessel
Fair	100	1	Fuzzy / 2	07	9:34:00 PDT 16:34-GMT SP	Pv Harbor seal Position: 97° / 913 m Dir: No direction; Behavior: in kelp Total 2 — 0 Pups at sighting
Fair	100	1	Fuzzy / 2	08	9:39:00 PDT 16:39-GMT SP	Pv Harbor seal Position: 100° / 778 m Dir: No direction; Behavior: in kelp Total 1 — 0 Pups at sighting
Fair	20%	1	Fuzzy / 2	09	10:46:00 PDT 17:46-GMT Images: 5629-5658 S	Er Gray whale (northbound) Position: 114° / 1922 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	20%	1	Fuzzy / 2	10	10:47:00 PDT 17:47-GMT SP	Pv Harbor seal Position: 114° / 400 m Dir: No direction; Behavior: in kelp Total 1 — 0 Pups at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	20%	1	Fuzzy / 2	11	10:58:00 PDT 17:58-GMT V Private-Cruising-- ● Position: 137° / 1483 m Dir: West	1 vessel
Good	10%	1	Fuzzy / 2	12	11:29:00 PDT 18:29-GMT SP Pv Harbor seal Position: 119° / 447 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good	10%	1	Fuzzy / 2	13	11:37:00 PDT 18:37-GMT Images: 5665-5706 S Er Gray whale (northbound) Position: 102° / 2749 m Dir: West; Behavior: Slow travel ● Spyhop	Total 2 — 1 Calf at sighting
Good	10%	1	Fuzzy / 2	14	11:41:00 PDT 18:41-GMT V Fish Commercial-Lobster/Crab-- ● Kaylee J Position: 234° / 1483 m Dir: East	1 vessel
Good	20%	3	Fuzzy / 2	15	12:45:00 PDT 19:45-GMT V Oil services-Crew boat-- ● Position: 263° / 3528 m Dir: South	1 vessel
Good	70%	3	Fuzzy / 2	16	13:00:00 PDT 20:00-GMT Images: 5712-5733 S Er Gray whale (northbound) Position: 110° / 1483 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	80%	3	Fuzzy / 2	17	13:28:00 PDT 20:28-GMT Images: 5735-5798 S Er Gray whale (northbound) Position: 109° / 778 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	90%	3	Fuzzy / 2	18	14:17:00 PDT 21:17-GMT Images: 5815-6059 S Er Gray whale (northbound) Position: 101° / 3088 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Good	90%	3	Fuzzy / 2	19	14:23:00 PDT 21:23-GMT V Private-Cruising-- ● Position: 106° / 3528 m Dir: West	1 vessel
Good	90%	3	Fuzzy / 2	20	14:31:00 PDT 21:31-GMT Images: 5815-6059 S Er Gray whale (northbound) Position: 106° / 2260 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	90%	3	Fuzzy / 2	21	16:00:00 PDT 23:00-GMT V Fish Commercial-Net-- ● Position: 181° / 1922 m Dir: West	1 vessel
Good	90%	3	Fuzzy / 2	22	16:04:00 PDT 23:04-GMT Images: 6061-6070 V Fish Commercial-Urchin Diving-- ● 8827HK Position: 110° / 1106 m Dir: West	1 vessel
Good	90%	3	Fuzzy / 2	23	16:27:00 PDT 23:27-GMT SD Tt Bottlenose dolphin Position: 102° / 1331 m Dir: No direction; Behavior: Milling	Total 2 — 0 Calves at sighting
Good	90%	3	Fuzzy / 2	24	16:51:00 PDT 23:51-GMT V Airship--Helicopter- ● N343AA Position: 174° / 300 m Dir: East	1 vessel

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CCvr	Bft	Horizon	Viz		Time	Species / Vessel Type	
Fair	10%	1	Fuzzy / 2	01	9:05:00 PDT 16:05-GMT V Airship--Helicopter- ● Position: 174° / 20 m Dir: West	1 vessel	
Fair	10%	1	Fuzzy / 2	02	9:28:00 PDT 16:28-GMT SP Pv Harbor seal Position: 99° / 827 m Dir: No direction; Behavior: in kelp	Total 2 — 0 Pups at sighting	
Fair	10%	1	Fuzzy / 2	03	10:26:00 PDT 17:26-GMT Images: 6071-6105 S Er Gray whale (northbound) Position: 117° / 1331 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting	
Fair	10%	1	Fuzzy / 2	04	11:10:00 PDT 18:10-GMT Images: 6133-6379 S Er Gray whale (northbound) Position: 98° / 2749 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting	
Fair	10%	1	Fuzzy / 2	05	11:32:00 PDT 18:32-GMT SD D sp Common dolphin species Position: 265° / 696 m Dir: East; Behavior: Slow travel	Total 200 — 0 Calves at sighting	

2012 All Sighting Numbers, raw

Sighting Number	Time Code	Species / Vessel Type	
Fair 10% 1 Fuzzy / 2	06 11:50:00 PDT	18:50-GMT Images: 6382-6500 Er Gray whale (northbound) Position: 101° / 3528 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Excellent 20% 2 Sharp / 3	07 13:15:00 PDT	20:15-GMT V Private-Cruising-- ● Position: 282° / 2749 m Dir: East	1 vessel
Good 20% 3 Sharp / 3	08 13:32:00 PDT	20:32-GMT Images: 6509-6554 Er Gray whale (northbound) Position: 106° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 20% 3 Sharp / 3	09 14:14:00 PDT	21:14-GMT V Research-Diving--UCSB ● Position: 273° / 1331 m Dir: East	1 vessel
Fair 20% 3 Fuzzy / 3	10 14:55:00 PDT	21:55-GMT Images: 6556-6613 Er Gray whale (northbound) Position: 101° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 20% 2 Fuzzy / 3	11 16:37:00 PDT	23:37-GMT Images: 6617-6659 Er Gray whale (northbound) Position: 100° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 20% 2 Fuzzy / 3	12 16:53:00 PDT	23:53-GMT V Research-Diving--UCSB ● Position: 124° / 1922 m Dir: West	1 vessel

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CCvr	Bft	Horizon - Viz	Sighting Number	Time Code	Species / Vessel Type	
Fair	10%	0 Fuzzy / 2	01	8:53:00 PDT	15:53-GMT Images: 6660 Er Gray whale (northbound) Position: 251° / 696 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	10%	0 Fuzzy / 2	02	9:00:00 PDT	16:00-GMT SD Tt Bottlenose dolphin Position: 298° / 508 m Dir: East; Behavior: Leap	Total 2 — 0 Calves at sighting
Fair	10%	0 Fuzzy / 2	03	9:08:00 PDT	16:08-GMT Images: 6702-7006 Er Gray whale (northbound) Position: 104° / 2260 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Fair	10%	0 Fuzzy / 2	04	9:10:00 PDT	16:10-GMT Images: 6702-7006 Er Gray whale (northbound) Position: 101° / 3528 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	10%	0 Fuzzy / 2	05	9:17:00 PDT	16:17-GMT Images: 6662-6700 Er Gray whale (northbound) Position: 134° / 412 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	10%	0 Fuzzy / 2	06	9:35:00 PDT	16:35-GMT V Fish Commercial--- ● Position: 221° / 778 m Dir: East	1 vessel
Fair	10%	0 Fuzzy / 2	07	10:06:00 PDT	17:06-GMT Images: 7007-7010 V Airship--Helicopter-Military ● Position: 174° / 350 m Dir: West	2 vessels
Fair	10%	0 Fuzzy / 2	08	10:13:00 PDT	17:13-GMT Images: 7011-12 V Airship--Helicopter- ● N618AC Position: 174° / 400 m Dir: West	1 vessel
Fair	10%	0 Fuzzy / 2	09	10:33:00 PDT	17:33-GMT V Oil services-Crew boat-- ● Position: 294° / 3088 m Dir: South	1 vessel
Fair	10%	2 Fuzzy / 2	10	10:42:00 PDT	17:42-GMT V Airship--Helicopter- ● N343AA Position: 174° / 300 m Dir: West	1 vessel
Fair	10%	2 Fuzzy / 2	11	11:04:00 PDT	18:04-GMT SP Pv Harbor seal Position: 107° / 440 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	10%	2 Fuzzy / 2	12	11:10:00 PDT	18:10-GMT V Oil services-Crew boat-- ● Position: 183° / 2749 m Dir: West	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Good	10%	2	Sharp / 3	13	11:34:00 PDT 18:34-GMT SD Tt Bottlenose dolphin Position: 113° / 696 m Dir: West	Total 3 — 0 Calves at sighting
Good	10%	2	Sharp / 3	14	11:51:00 PDT 18:51-GMT Images: 7013-7017 V Airship--Helicopter-Military • Position: 174° / 100 m Dir: West	1 vessel
Good	10%	2	Sharp / 3	15	12:12:00 PDT 19:12-GMT V Airship--Helicopter- • N343AA Position: 174° / 300 m Dir: West	1 vessel
Good	10%	1	Fuzzy / 3	16	12:21:00 PDT 19:21-GMT Images: 7020-7070 S Er Gray whale (northbound) Position: 107° / 1922 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	10%	1	Fuzzy / 3	17	12:43:00 PDT 19:43-GMT V Airship--Helicopter- • Position: 174° / 350 m Dir: West	1 vessel
Good	10%	1	Fuzzy / 3	18	12:44:00 PDT 19:44-GMT Images: 7117-7152 S Er Gray whale (northbound) Position: 106° / 2260 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	10%	1	Fuzzy / 3	19	12:45:00 PDT 19:45-GMT Images: 7072-7115 S Er Gray whale (northbound) Position: 108° / 1674 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	10%	1	Fuzzy / 3	20	13:25:00 PDT 20:25-GMT Images: 7155-7180 S Er Gray whale (northbound) Position: 120° / 883 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	10%	1	Fuzzy / 3	21	13:36:00 PDT 20:36-GMT Images: 7182-7235 S Er Gray whale (northbound) Position: 120° / 696 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	10%	1	Fuzzy / 3	22	14:08:00 PDT 21:08-GMT Images: 7237-7312 S Er Gray whale (northbound) Position: 108° / 1403 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	10%	1	Fuzzy / 3	23	14:23:00 PDT 21:23-GMT V Oil services-Crew boat-- • Position: 259° / 3088 m Dir: South	1 vessel
Good	10%	1	Fuzzy / 3	24	14:24:00 PDT 21:24-GMT V Oil services-Crew boat-- • Position: 199° / 2749 m Dir: East	1 vessel
Good	10%	1	Fuzzy / 3	25	14:30:00 PDT 21:30-GMT V Fish Commercial-Sportfishing-- • Stardust Position: 259° / 1331 m Dir: East	1 vessel
Good	10%	1	Fuzzy / 3	26	14:33:00 PDT 21:33-GMT SD Tt Bottlenose dolphin Position: 116° / 600 m Dir: West; Behavior: Slow travel • Milling	Total 3 — 0 Calves at sighting
Good	10%	1	Fuzzy / 3	27	14:51:00 PDT 21:51-GMT V Private-Sportfishing-- • True Grit Position: 251° / 1208 m Dir: East	1 vessel
Good	10%	1	Fuzzy / 3	28	14:58:00 PDT 21:58-GMT V Airship--Helicopter- • N343AA Position: 174° / 200 m Dir: West	1 vessel
Good	10%	1	Fuzzy / 3	29	15:06:00 PDT 22:06-GMT V Fish Commercial-Lobster/Crab-- • L38294 Position: 249° / 1208 m Dir: East	1 vessel
Good	10%	1	Fuzzy / 3	30	15:08:00 PDT 22:08-GMT V Fish Commercial-Urchin Diving-- • Ocean Pearl Position: 244° / 1922 m Dir: East	1 vessel
Good	10%	1	Fuzzy / 3	31	15:26:00 PDT 22:26-GMT Images: 7314-7322 S Er Gray whale (northbound) Position: 115° / 1106 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
Code						
Good	10%	1	Fuzzy / 3	32 15:50:00 PDT	22:50-GMT Images: 7324-7348 Er Gray whale (northbound) Position: 102° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	10%	1	Fuzzy / 3	33 16:20:00 PDT	23:20-GMT Tt Bottlenose dolphin Position: 125° / 455 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	10%	1	Fuzzy / 3	34 16:33:00 PDT	23:33-GMT V Oil services-Crew boat-- ● Position: 274° / 3528 m Dir: South	1 vessel
Good	10%	1	Fuzzy / 3	35 16:44:00 PDT	23:44-GMT Images: 7350-7433 Er Gray whale (northbound) Position: 99° / 3088 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting

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CCvr	Bft	Horizon	Viz	Sighting Number	Time	Species / Vessel Type	
Fair	20%	2	Fuzzy / 1 7	01	9:13:00 PDT	16:13-GMT SD D sp Common dolphin species Position: 228° / 946 m Dir: No direction; Behavior: Milling	Total 20 — 0 Calves at sighting
Fair	20%	3	Fuzzy / 1 7	02	9:30:00 PDT	16:30-GMT Images: 7444-7509 S Er Gray whale (northbound) Position: 109° / 1020 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	3	Fuzzy / 1 7	03	9:33:00 PDT	16:33-GMT V Private-Sportfishing-- ● Blue Ranger Position: 105° / 2260 m Dir: West	1 vessel
Fair	20%	3	Fuzzy / 1 7	04	9:39:00 PDT	16:39-GMT SD Tt Bottlenose dolphin Position: 170° / 347 m Dir: West; Behavior: Slow travel ● with Er	Total 2 — 0 Calves at sighting
Fair	20%	3	Fuzzy / 1 7	05	10:01:00 PDT	17:01-GMT SD Tt Bottlenose dolphin Position: 150° / 377 m Dir: West	Total 1 — 0 Calves at sighting
Fair	20%	3	Fuzzy / 2	06	10:11:00 PDT	17:11-GMT SP Pv Harbor seal Position: 141° / 300 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	20%	3	Fuzzy / 2	07	10:12:00 PDT	17:12-GMT Images: 7511-7560 S Er Gray whale (northbound) Position: 102° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	3	Fuzzy / 2	08	10:27:00 PDT	17:27-GMT V Fish Commercial-Line-- ● FG70570 Position: 102° / 2749 m Dir: West	1 vessel
Fair	20%	3	Fuzzy / 2	09	10:49:00 PDT	17:49-GMT V Airship--Helicopter-- ● SBOP Position: 174° / 300 m Dir: West	1 vessel
Fair	20%	3	Fuzzy / 2	10	10:50:00 PDT	17:50-GMT V Touring-Whale watching-- ● Condor Express Position: 110° / 1483 m Dir: West	1 vessel
Fair	20%	3	Fuzzy / 2	11	10:58:00 PDT	17:58-GMT Images: 7563-7585 S Er Gray whale (northbound) Position: 105° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	3	Fuzzy / 2	12	11:02:00 PDT	18:02-GMT V Private-Cruising-- ● Position: 105° / 2749 m Dir: West	1 vessel
Fair	20%	1	Fuzzy / 2	13	12:00:00 PDT	19:00-GMT SD Tt Bottlenose dolphin Position: 118° / 1331 m Dir: No direction; Behavior: Milling	Total 3 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	14	12:21:00 PDT	19:21-GMT SP Pv Harbor seal Position: 203° / 200 m Dir: No direction; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair	20%	1	Fuzzy / 2	15	12:41:00 PDT	19:41-GMT SD Tt Bottlenose dolphin Position: 168° / 338 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type		
				Code			
Fair	20%	1	Fuzzy / 2	16	13:03:00 PDT 20:03-GMT SD	Tt Bottlenose dolphin Position: 150° / 338 m Dir: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	17	13:08:00 PDT 20:08-GMT V	Oil services-Crew boat-- ● Position: 133° / 3528 m Dir: West	1 vessel
Fair	20%	1	Fuzzy / 2	18	13:53:00 PDT 20:53-GMT S	Er Gray whale (northbound) Position: 104° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	1	Fuzzy / 2	19	14:36:00 PDT 21:36-GMT V	Oil services-Crew boat-- ● Position: 224° / 3088 m Dir: East	1 vessel
Fair	20%	1	Fuzzy / 2	20	14:39:00 PDT 21:39-GMT SD	Tt Bottlenose dolphin Position: 154° / 314 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	21	14:51:00 PDT 21:51-GMT SD	Tt Bottlenose dolphin Position: 144° / 388 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	22	14:59:00 PDT 21:59-GMT SD	Tt Bottlenose dolphin Position: 129° / 412 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	23	15:14:00 PDT 22:14-GMT SD	Tt Bottlenose dolphin Position: 145° / 600 m Dir: East	Total 2 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	24	15:52:00 PDT 22:52-GMT SD	Tt Bottlenose dolphin Position: 256° / 356 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	25	15:59:00 PDT 22:59-GMT S	Er Gray whale (northbound) Position: 101° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	1	Fuzzy / 2	26	16:01:00 PDT 23:01-GMT V	Airship--Helicopter- ● Position: 174° / 100 m Dir: West	1 vessel
Fair	20%	1	Fuzzy / 2	27	16:03:00 PDT 23:03-GMT V	Private-Cruising-RHIB- ● Position: 106° / 2260 m Dir: West	1 vessel
Fair	20%	1	Fuzzy / 2	28	16:46:00 PDT 23:46-GMT SD	Tt Bottlenose dolphin Position: 114° / 600 m Dir: West; Behavior: Slow travel	Total 3 — 1 Calf at sighting

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CCvr	Bft	Horizon	Viz		Time	Species / Vessel Type	
Fair	20%	1	Fuzzy / 2	01	8:47:00 PDT 15:47-GMT S	Er Gray whale (northbound) Position: 135° / 574 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	1	Fuzzy / 2	02	9:14:00 PDT 16:14-GMT SD	Tt Bottlenose dolphin Position: 138° / 280 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	03	9:49:00 PDT 16:49-GMT V	Fish Commercial-Lobster/Crab-- ● L26871 Position: 105° / 2260 m Dir: West	1 vessel
Fair	20%	1	Fuzzy / 2	04	9:55:00 PDT 16:55-GMT SD	Tt Bottlenose dolphin Position: 162° / 539 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	05	9:57:00 PDT 16:57-GMT V	Oil services-Crew boat-- ● Position: 212° / 3088 m Dir: East	1 vessel
Fair	20%	1	Fuzzy / 2	06	10:05:00 PDT 17:05-GMT V	Private-Cruising-- ● Position: 126° / 3088 m Dir: West	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	20%	1	Fuzzy / 2	07	10:12:00 PDT 17:12-GMT V Fish Commercial-Lobster/Crab-- • Kaylee J Position: 260° / 1922 m Dir: No direction	1 vessel
Fair	20%	1	Fuzzy / 2	08	10:33:00 PDT 17:33-GMT V Private-Sportfishing-- • Position: 244° / 1922 m Dir: East	1 vessel
Fair	40%	1	Fuzzy / 2	09	10:38:00 PDT 17:38-GMT SD Tt Bottlenose dolphin Position: 106° / 1922 m Dir: West; Behavior: Slow travel • Leap	Total 15 — 0 Calves at sighting
Fair	40%	1	Fuzzy / 2	10	10:40:00 PDT 17:40-GMT Images: 7709-7723 S Er Gray whale (northbound) Position: 117° / 1331 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 1 Calf at sighting
Fair	40%	1	Fuzzy / 2	11	10:57:00 PDT 17:57-GMT Images: 7725-7770 S Er Gray whale (northbound) Position: 137° / 347 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	40%	1	Fuzzy / 2	12	11:26:00 PDT 18:26-GMT Images: 7772-7795 S Er Gray whale (northbound) Position: 105° / 2260 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	40%	1	Fuzzy / 2	13	11:37:00 PDT 18:37-GMT Images: 7797-7842 S Er Gray whale (northbound) Position: 101° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	40%	1	Fuzzy / 2	14	11:59:00 PDT 18:59-GMT Images: 7644-8046 S Er Gray whale (northbound) Position: 103° / 2749 m Dir: West; Behavior: Slow travel	Total 6 — 3 Calves at sighting
Fair	40%	1	Fuzzy / 2	15	11:59:00 PDT 18:59-GMT SD Tt Bottlenose dolphin Position: 107° / 2260 m Dir: West; Behavior: Slow travel • with Er	Total 3 — 0 Calves at sighting
Poor	10%	2	Fuzzy / 1 7	16	13:08:00 PDT 20:08-GMT SP Pv Harbor seal Position: 154° / 253 m Dir: West; Behavior: in kelp • Slow travel	Total 1 — 0 Pups at sighting
Poor	10%	2	Fuzzy / 1 7	17	13:17:00 PDT 20:17-GMT V Private-Cruising-- • Position: 229° / 455 m Dir: East	1 vessel
Poor	10%	2	Fuzzy / 1 7	18	13:36:00 PDT 20:36-GMT V Oil services-Crew boat-- • Position: 270° / 3528 m Dir: South	1 vessel
Poor	10%	2	Fuzzy / 1 7	19	13:43:00 PDT 20:43-GMT V Private-Cruising-Jet-ski- • Position: 94° / 2260 m Dir: West	2 vessels
Poor	10%	2	Fuzzy / 1 7	20	13:56:00 PDT 20:56-GMT V Private-Sportfishing-- • Position: 116° / 2749 m Dir: West	1 vessel
Poor	10%	3	Fuzzy / 1 7	21	14:09:00 PDT 21:09-GMT SD Tt Bottlenose dolphin Position: 166° / 287 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	10%	3	Fuzzy / 1 7	22	14:12:00 PDT 21:12-GMT V Oil services-Crew boat-- • Position: 155° / 3088 m Dir: West	1 vessel
Poor	10%	3	Fuzzy / 1 7	23	14:24:00 PDT 21:24-GMT V Fish Commercial-Urchin Diving-- • Position: 105° / 3088 m Dir: West	1 vessel
Fair	10%	3	Fuzzy / 2	24	15:30:00 PDT 22:30-GMT V Private-Whale watching-- • Guilty Position: 103° / 2749 m Dir: West	1 vessel
Fair	10%	3	Fuzzy / 2	25	15:51:00 PDT 22:51-GMT SD Tt Bottlenose dolphin Position: 209° / 287 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number			Time	Code	Species / Vessel Type	
Fair	10%	3 Fuzzy / 2	26 16:02:00 PDT	23:02-GMT	Images: 8048-8106 Er Gray whale (northbound) Position: 110° / 1922 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	10%	3 Fuzzy / 2	27 16:32:00 PDT	23:32-GMT	Tt Bottlenose dolphin Position: 135° / 227 m Dir: West; Behavior: Slow travel	Total 5 — 1 Calf at sighting
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	CCvr	Bft	Horizon - Viz			
Poor	100	1 Fuzzy / 1	01 8:51:00 PDT	15:51-GMT	Images: 8175-8178 Er Gray whale (northbound) Position: 217° / 778 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	70%	2 Fuzzy / 1	02 10:05:00 PDT	17:05-GMT	Tt Bottlenose dolphin Position: 159° / 314 m Dir: East; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Fair	20%	2 Fuzzy / 1	03 10:16:00 PDT	17:16-GMT	V Fish Commercial-Sportfishing-- • Stardust Position: 105° / 2749 m Dir: West	1 vessel
Fair	20%	2 Fuzzy / 1	04 10:40:00 PDT	17:40-GMT	Images: 8181-8214 Er Gray whale (northbound) Position: 112° / 1331 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	2 Fuzzy / 1	05 11:19:00 PDT	18:19-GMT	V Airship--Helicopter- • SBOP Position: 174° / 500 m Dir: East	1 vessel
Fair	20%	2 Fuzzy / 1	06 11:29:00 PDT	18:29-GMT	SP Pv Harbor seal Position: 154° / 183 m Dir: East; Behavior: Slow travel • in kelp • in surf zone	Total 1 — 0 Pups at sighting
Fair	20%	3 Fuzzy / 1	07 12:49:00 PDT	19:49-GMT	SD Tt Bottlenose dolphin Position: 134° / 400 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	0%	3 Fuzzy / 1	08 13:03:00 PDT	20:03-GMT	V Oil services-Crew boat-- • Position: 239° / 3088 m Dir: No direction	1 vessel
Fair	0%	3 Fuzzy / 1	09 13:04:00 PDT	20:04-GMT	V Oil services-Crew boat-- • Position: 232° / 3088 m Dir: No direction	1 vessel
Fair	0%	3 Fuzzy / 1	10 13:59:00 PDT	20:59-GMT	Images: 8218-8282 Er Gray whale (northbound) Position: 124° / 1403 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	0%	3 Fuzzy / 1	11 14:10:00 PDT	21:10-GMT	SD Tt Bottlenose dolphin Position: 200° / 489 m Dir: East; Behavior: Slow travel • with Er	Total 3 — 0 Calves at sighting
Poor	0%	4 Fuzzy / 1	OFF-EFFORT 12 14:55:00 PDT	21:55-GMT	V Oil services-Crew boat-- • Position: 237° / 3088 m Dir: South	1 vessel
Poor	70%	5 Fuzzy / 1	OFF-EFFORT 13 15:40:00 PDT	22:40-GMT	SD Tt Bottlenose dolphin Position: 129° / 629 m Dir: East; Behavior: Moderate travel	Total 2 — 0 Calves at sighting
Poor	70%	5 Fuzzy / 1	OFF-EFFORT 14 16:05:00 PDT	23:05-GMT	SD Tt Bottlenose dolphin Position: 170° / 322 m Dir: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Poor	70%	5 Fuzzy / 1	OFF-EFFORT 15 16:16:00 PDT	23:16-GMT	V Airship--Helicopter- • SBOP Position: 174° / 300 m Dir: West	1 vessel
Poor	70%	5 Fuzzy / 1	OFF-EFFORT 16 16:30:00 PDT	23:30-GMT	V Fish Commercial-Urchin Diving-- • Position: 214° / 1922 m Dir: East	1 vessel
Poor	70%	5 Fuzzy / 1	OFF-EFFORT 17 16:47:00 PDT	23:47-GMT	V Airship--Helicopter- • SBOP Position: 174° / 300 m Dir: West	1 vessel

2012 All Sighting Numbers, raw

				Sighting Number	Time	Species / Vessel Type		
					Code			
Poor	70%	5	Fuzzy / 1 5	OFF-EFFORT	16:55:00 PDT	23:55-GMT Er Gray whale (northbound) Position: 107° / 2749 m Dir: West; Behavior: Slow travel	Images: 8284-8369	Total 2 — 1 Calf at sighting
				18	S			
May 08 Day 86 of 98								
	CCvr	Bft	Horizon - Viz					
Fair	30%	1	Fuzzy / 1 7	01	14:18:00 PDT	21:18-GMT Er Gray whale (northbound) Position: 136° / 735 m Dir: West; Behavior: Slow travel	Images: 8376-8382	Total 2 — 1 Calf at sighting
					S			
Fair	30%	1	Fuzzy / 1 7	02	14:48:00 PDT	21:48-GMT Oil services-Crew boat-- ● Position: 245° / 3088 m Dir: South		1 vessel
					V			
Fair	30%	1	Fuzzy / 1 7	03	14:48:00 PDT	21:48-GMT Oil services-Crew boat-- ● Position: 240° / 3088 m Dir: No direction		1 vessel
					V			
Fair	30%	3	Fuzzy / 1 7	04	15:49:00 PDT	22:49-GMT Private--Sailboat motoring- ● R23 #639 Position: 244° / 1922 m Dir: East		1 vessel
					V			
Fair	30%	3	Fuzzy / 1 7	05	15:59:00 PDT	22:59-GMT Airship--Helicopter- ● Position: 174° / 300 m Dir: West		1 vessel
					V			
Fair	30%	3	Fuzzy / 1 7	06	16:08:00 PDT	23:08-GMT Er Gray whale (northbound) Position: 101° / 2749 m Dir: West; Behavior: Slow travel	Images: 8385-8432	Total 2 — 1 Calf at sighting
					S			
May 09 Day 87 of 98								
	CCvr	Bft	Horizon - Viz					
Fair	0%	1	Fuzzy / 1 7	01	8:47:00 PDT	15:47-GMT Er Gray whale (northbound) Position: 117° / 946 m Dir: West; Behavior: Slow travel	Images: 8438-8463	Total 2 — 1 Calf at sighting
					S			
Fair	0%	1	Fuzzy / 1 7	02	9:12:00 PDT	16:12-GMT Research-Diving--UCSB ● Position: 164° / 913 m Dir: West	Images: 8642-8644	1 vessel
					V			
Fair	0%	1	Fuzzy / 1 7	03	9:13:00 PDT	16:13-GMT Oil services-Crew boat-- ● Position: 240° / 3088 m Dir: No direction		1 vessel
					V			
Fair	0%	1	Fuzzy / 1 7	04	9:15:00 PDT	16:15-GMT Research-Diving--UCSB ● Position: 102° / 1483 m Dir: No direction		1 vessel
					V			
Fair	0%	1	Fuzzy / 1 7	05	9:32:00 PDT	16:32-GMT Private-Cruising-- ● Position: 132° / 883 m Dir: West		1 vessel
					V			
Fair	0%	1	Fuzzy / 1 7	06	9:34:00 PDT	16:34-GMT Oil services-Crew boat-- ● Position: 288° / 3528 m Dir: South		1 vessel
					V			
Fair	0%	1	Fuzzy / 1 7	07	9:54:00 PDT	16:54-GMT Airship--Helicopter- ● SBOP Position: 174° / 400 m Dir: East		1 vessel
					V			
Fair	0%	1	Fuzzy / 1 7	08	10:06:00 PDT	17:06-GMT Pv Harbor seal Position: 96° / 275 m Dir: North; Behavior: Slow travel ● in kelp		Total 1 — 0 Pups at sighting
					SP			
Good	0%	1	Fuzzy / 2	09	10:24:00 PDT	17:24-GMT Pv Harbor seal Position: 114° / 400 m Dir: No direction; Behavior: in kelp		Total 1 — 0 Pups at sighting
					SP			
Good	0%	1	Fuzzy / 2	10	10:39:00 PDT	17:39-GMT Pv Harbor seal Position: 125° / 334 m Dir: No direction; Behavior: in kelp		Total 1 — 0 Pups at sighting
					SP			
Good	0%	1	Fuzzy / 2	11	10:47:00 PDT	17:47-GMT Oil services-Crew boat-- ● Position: 288° / 3528 m Dir: South		1 vessel
					V			

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	40%	1	Fuzzy / 2	12	11:25:00 PDT 18:25-GMT V Airship--Airplane- ● N37FG Position: 174° / 50 m Dir: West	1 vessel
Fair	40%	1	Fuzzy / 2	13	11:49:00 PDT 18:49-GMT V Oil services-Crew boat-- ● Position: 270° / 3528 m Dir: North	1 vessel
Fair	40%	1	Fuzzy / 2	14	11:55:00 PDT 18:55-GMT Images: 8470-8621 S Er Gray whale (northbound) Position: 100° / 3088 m Dir: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Fair	40%	1	Fuzzy / 2	15	12:09:00 PDT 19:09-GMT V Oil services-Crew boat-- ● Position: 238° / 3528 m Dir: North	1 vessel
Fair	40%	1	Fuzzy / 2	16	12:17:00 PDT 19:17-GMT Images: 8623-8639 S Er Gray whale (northbound) Position: 104° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	40%	1	Fuzzy / 2	17	12:23:00 PDT 19:23-GMT SP Pv Harbor seal Position: 119° / 696 m Dir: East; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	40%	1	Fuzzy / 2	18	12:48:00 PDT 19:48-GMT V Oil services-Crew boat-- ● Position: 285° / 3528 m Dir: South	1 vessel
Good	40%	1	Fuzzy / 2	19	14:53:00 PDT 21:53-GMT V Oil services-Crew boat-- ● Position: 234° / 3528 m Dir: South	1 vessel
Good	40%	2	Fuzzy / 2	20	15:28:00 PDT 22:28-GMT Images: 8650-8769 S Er Gray whale (northbound) Position: 128° / 1922 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	40%	2	Fuzzy / 2	21	16:05:00 PDT 23:05-GMT V Airship--Helicopter- ● SBOP Position: 174° / 300 m Dir: West	1 vessel
Fair	40%	2	Fuzzy / 2	22	16:31:00 PDT 23:31-GMT V Airship--Helicopter- ● SBOP Position: 174° / 300 m Dir: West	1 vessel
Fair	40%	2	Fuzzy / 1.7	23	16:43:00 PDT 23:43-GMT V Oil services-Crew boat-- ● Position: 281° / 3528 m Dir: South	1 vessel
Fair	40%	2	Fuzzy / 1.7	24	16:55:00 PDT 23:55-GMT V Private-Sportfishing-- ● Position: 122° / 2260 m Dir: West	1 vessel

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CCvr	Bft	Horizon	Viz		Time	Species / Vessel Type	
Fair	100	1	Fuzzy / 1.7	01	9:03:00 PDT 16:03-GMT Images: 8771-8788 SD Tt Bottlenose dolphin Position: 122° / 508 m Dir: West; Behavior: Slow travel	Total 10 — 2 Calves at sighting	
Fair	100	1	Fuzzy / 1.7	02	9:07:00 PDT 16:07-GMT V Oil services-Crew boat-- ● Position: 236° / 3088 m Dir: East	1 vessel	
Fair	100	1	Fuzzy / 1.7	03	9:08:00 PDT 16:08-GMT V Oil services-Crew boat-- ● Position: 239° / 3088 m Dir: No direction	1 vessel	
Poor	100	1	NV / 1.5	OFF-EFFORT 04	9:43:00 PDT 16:43-GMT SD Tt Bottlenose dolphin Position: 103° / 1922 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting	
Poor	100	1	NV / 1.5	OFF-EFFORT 05	10:13:00 PDT 17:13-GMT V Private-Sportfishing-- ● Position: 127° / 3088 m Dir: West	1 vessel	
Poor	100	1	NV / 1.5	OFF-EFFORT 06	10:16:00 PDT 17:16-GMT V Private-Sportfishing-- ● Position: 128° / 1922 m Dir: West	1 vessel	

2012 All Sighting Numbers, raw

				Sighting Number	Time	Species / Vessel Type			
					Code				
Poor	100	1	NV / 1.5	OFF-EFFORT	10:22:00 PDT	17:22-GMT Tt Bottlenose dolphin Position: 141° / 356 m Dir: East; Behavior: Slow travel	07	SD	Total 4 — 0 Calves at sighting
Poor	100	1	NV / 1.5	OFF-EFFORT	10:44:00 PDT	17:44-GMT Oil services-Crew boat-- ● Position: 290° / 3528 m Dir: South	08	V	1 vessel
Poor	100	1	NV / 1.5	OFF-EFFORT	11:21:00 PDT	18:21-GMT Private-Cruising-Sailboat motoring- ● Position: 128° / 1674 m Dir: West	09	V	1 vessel
Poor	100	1	NV / 1.5	OFF-EFFORT	11:45:00 PDT	18:45-GMT Images: 8791-8847 Er Gray whale (northbound) Position: 100° / 3088 m Dir: West; Behavior: Slow travel	10	S	Total 3 — 1 Calf at sighting
Poor	100	2	NV / 1.5	OFF-EFFORT	13:45:00 PDT	20:45-GMT Private-Urchin Diving-- ● L45009 Position: 112° / 3088 m Dir: West	11	V	1 vessel
Poor	90%	3	Fuzzy / 1.5	OFF-EFFORT	14:21:00 PDT	21:21-GMT Private-Urchin Diving-- ● 8743CX Position: 112° / 3088 m Dir: West	12	V	1 vessel
Poor	80%	3	Fuzzy / 1.5	OFF-EFFORT	14:42:00 PDT	21:42-GMT Images: 8850-8858 Airship--Airplane- ● Position: 174° / 50 m Dir: ni	13	V	2 vessels
Poor	80%	3	Fuzzy / 1.5	OFF-EFFORT	14:44:00 PDT	21:44-GMT Tt Bottlenose dolphin Position: 137° / 412 m Dir: East; Behavior: Slow travel	14	SD	Total 5 — 0 Calves at sighting
Poor	70%	3	Fuzzy / 1.5	OFF-EFFORT	14:45:00 PDT	21:45-GMT Oil services-Crew boat-- ● Position: 234° / 2749 m Dir: South	15	V	1 vessel
Poor	70%	4	Fuzzy / 1.5	OFF-EFFORT	15:25:00 PDT	22:25-GMT Private-Sportfishing-- ● Position: 196° / 1208 m Dir: East	16	V	1 vessel
Poor	70%	4	Fuzzy / 1.5	OFF-EFFORT	15:26:00 PDT	22:26-GMT Tt Bottlenose dolphin Position: 189° / 231 m Dir: East; Behavior: Slow travel	17	SD	Total 6 — 1 Calf at sighting
Poor	70%	4	Fuzzy / 1.5	OFF-EFFORT	15:32:00 PDT	22:32-GMT Tt Bottlenose dolphin Position: 196° / 223 m Dir: East; Behavior: Moderate travel	18	SD	Total 5 — 1 Calf at sighting
Poor	70%	4	Fuzzy / 1.5	OFF-EFFORT	15:40:00 PDT	22:40-GMT Private-Urchin Diving-- ● 40850 Position: 99° / 3088 m Dir: West	19	V	1 vessel
Poor	70%	4	Fuzzy / 1.5	OFF-EFFORT	16:27:00 PDT	23:27-GMT Private-Urchin Diving-- ● Martha Jane 4431NW Position: 99° / 3088 m Dir: West	20	V	1 vessel
Poor	70%	4	Fuzzy / 1.5	OFF-EFFORT	16:48:00 PDT	23:48-GMT Tt Bottlenose dolphin Position: 121° / 489 m Dir: West; Behavior: Moderate travel	21	SD	Total 6 — 1 Calf at sighting

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				CCvr	Bft	Horizon - Viz			
Poor	100	1	NV / 1.5	OFF-EFFORT	9:18:00 PDT	16:18-GMT Images: 8870-8881 Er Gray whale (northbound) Position: 169° / 2260 m Dir: West; Behavior: Slow travel	01	S	Total 2 — 1 Calf at sighting
Poor	100	1	NV / 1.5	OFF-EFFORT	9:37:00 PDT	16:37-GMT Oil services-Crew boat-- ● Position: 250° / 3088 m Dir: North	02	V	1 vessel
Poor	100	1	Fuzzy / 1.7		11:09:00 PDT	18:09-GMT Oil services-Crew boat-- ● Position: 146° / 2749 m Dir: West	03	V	1 vessel
Poor	100	1	Fuzzy / 1.7		11:29:00 PDT	18:29-GMT Airship--Helicopter- ● Position: 174° / 400 m Dir: West	04	V	1 vessel

2012 All Sighting Numbers, raw

Sighting Number			Time	Species / Vessel Type	
			Code		
Poor	100	1 Fuzzy / 17	05 11:33:00 PDT	18:33-GMT V Oil services-Crew boat-- ● Position: 241° / 3088 m Dir: No direction	1 vessel
Poor	100	1 Fuzzy / 17	06 12:10:00 PDT	19:10-GMT V Oil services-Crew boat-- ● Position: 270° / 3088 m Dir: South	1 vessel
Poor	100	1 Fuzzy / 17	07 13:01:00 PDT	20:01-GMT Images: 8884-8962 S Er Gray whale (northbound) Position: 105° / 1922 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	1 Fuzzy / 17	08 13:37:00 PDT	20:37-GMT Images: 8967-9164 S Er Gray whale (northbound) Position: 99° / 2749 m Dir: West; Behavior: Slow travel	Total 8 — 4 Calves at sighting
Poor	100	1 Fuzzy / 17	09 14:48:00 PDT	21:48-GMT V Oil services-Crew boat-- ● Position: 244° / 3528 m Dir: South	1 vessel
Poor	100	1 Fuzzy / 17	10 15:20:00 PDT	22:20-GMT Images: 9208-9385 S Er Gray whale (northbound) Position: 99° / 2260 m Dir: West; Behavior: Slow travel	Total 5 — 2 Calves at sighting
Poor	100	1 Fuzzy / 17	11 15:26:00 PDT	22:26-GMT Images: 9167-9206 S Er Gray whale (northbound) Position: 133° / 629 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	1 Fuzzy / 17	12 15:27:00 PDT	22:27-GMT SD Tt Bottlenose dolphin Position: 154° / 253 m Dir: East; Behavior: Moderate travel	Total 4 — 0 Calves at sighting
Poor	100	1 Fuzzy / 17	13 16:05:00 PDT	23:05-GMT V Fish Commercial-Lobster/Crab-- ● L38294 Position: 274° / 2260 m Dir: East	1 vessel
Poor	100	1 Fuzzy / 17	14 16:46:00 PDT	23:46-GMT V Oil services-Crew boat-- ● Position: 249° / 3528 m Dir: South	1 vessel

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CCvr	Bft	Horizon - Viz	OFF-EFFORT	Time	Species / Vessel Type	
Poor	100	0 NV / 1.5	OFF-EFFORT	01 9:00:00 PDT	16:00-GMT V Fish Commercial-Lobster/Crab-- ● Kaylee J Position: 176° / 629 m Dir: West	1 vessel
Poor	100	0 NV / 1.5	OFF-EFFORT	02 9:01:00 PDT	16:01-GMT V Oil services-Crew boat-- ● Position: 240° / 3088 m Dir: No direction	1 vessel
Poor	100	2 NV / 1.5	OFF-EFFORT	03 11:10:00 PDT	18:10-GMT SP Pv Harbor seal Position: 133° / 227 m Dir: East; Behavior: Slow travel ● with Er	Total 1 — 0 Pups at sighting
Poor	100	2 NV / 1.5	OFF-EFFORT	04 11:30:00 PDT	18:30-GMT Images: 9436-9515 S Er Gray whale (northbound) Position: 102° / 3088 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	2 Fuzzy / 15	OFF-EFFORT	05 12:31:00 PDT	19:31-GMT V Oil services-Crew boat-- ● Position: 252° / 3088 m Dir: South	1 vessel
Poor	100	3 Fuzzy / 2		06 13:22:00 PDT	20:22-GMT V Fish Commercial-Lobster/Crab-- ● L38294 Position: 219° / 1106 m Dir: East	1 vessel
Poor	100	3 Fuzzy / 17		07 13:54:00 PDT	20:54-GMT Images: 9519-20 SD Tt Bottlenose dolphin Position: 99° / 913 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	100	3 Fuzzy / 17		08 15:04:00 PDT	22:04-GMT Images: 9523-9674 S Er Gray whale (northbound) Position: 100° / 2749 m Dir: West; Behavior: Slow travel	Total 6 — 3 Calves at sighting
Poor	100	3 Fuzzy / 17		09 15:12:00 PDT	22:12-GMT SD Tt Bottlenose dolphin Position: 167° / 253 m Dir: East	Total 3 — 0 Calves at sighting

2012 All Sighting Numbers, raw

			Sighting Number	Time	Species / Vessel Type	
				Code		
Poor	100	3 Fuzzy / 1 7	10	15:18:00 PDT	22:18-GMT Private--Stand-up paddler- ● Position: 106° / 1922 m Dir: ni	1 vessel
Poor	100	3 Fuzzy / 1 7	11	16:02:00 PDT	23:02-GMT Images: 9685-9905 Er Gray whale (northbound) Position: 98° / 3088 m Dir: West; Behavior: Slow travel	Total 6 — 3 Calves at sighting
Poor	100	3 Fuzzy / 1 7	12	16:15:00 PDT	23:15-GMT Private-Cruising-Jet-ski- ● Position: 104° / 2260 m Dir: ni	1 vessel
Poor	100	3 Fuzzy / 1 7	13	16:24:00 PDT	23:24-GMT Images: 9684 Airship--Helicopter- ● N69LL Position: 174° / 400 m Dir: East	1 vessel

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CCvr	Bft	Horizon - Viz				
Poor	100	0 NV / 1.5	OFF-EFFORT	9:02:00 PDT	16:02-GMT Oil services-Crew boat-- ● Position: 266° / 3088 m Dir: South	1 vessel
Poor	100	0 NV / 1.5	OFF-EFFORT	9:03:00 PDT	16:03-GMT Oil services-Crew boat-- ● Position: 239° / 3088 m Dir: No direction	1 vessel
Poor	100	0 NV / 1.5	OFF-EFFORT	9:32:00 PDT	16:32-GMT Pv Harbor seal Position: 99° / 946 m Dir: No direction; Behavior: in kelp	Total 2 — 0 Pups at sighting
Poor	100	1 NV / 1.5	OFF-EFFORT	10:43:00 PDT	17:43-GMT Oil services-Crew boat-- ● Position: 293° / 3528 m Dir: South	1 vessel
Poor	100	1 Fuzzy / 1 5		10:50:00 PDT	17:50-GMT Private-Sportfishing-- ● Position: 111° / 2749 m Dir: West	1 vessel
Poor	100	1 Fuzzy / 1 5		11:07:00 PDT	18:07-GMT Fish Commercial-Urchin Diving-- ● Martha Jane Position: 135° / 1674 m Dir: West	1 vessel
Poor	100	1 Fuzzy / 1 5		11:26:00 PDT	18:26-GMT Oil services-Crew boat-- ● Position: 236° / 3088 m Dir: South	1 vessel
Poor	100	1 Fuzzy / 1 5		11:38:00 PDT	18:38-GMT Private-Sportfishing-- ● Striper Position: 106° / 2260 m Dir: West	1 vessel
Poor	100	1 Fuzzy / 1 5		11:38:00 PDT	18:38-GMT Private-Sportfishing-- ● 6463TX Position: 107° / 2260 m Dir: West	1 vessel
Poor	100	1 Fuzzy / 1 5		11:56:00 PDT	18:56-GMT Pv Harbor seal Position: 122° / 412 m Dir: East	Total 1 — 0 Pups at sighting
Poor	100	2 Fuzzy / 1 5		12:07:00 PDT	19:07-GMT Tt Bottlenose dolphin Position: 207° / 244 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	100	2 Fuzzy / 1 5		12:17:00 PDT	19:17-GMT Images: 9906-9909 Er Gray whale (northbound) Position: 108° / 2749 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	100	2 Fuzzy / 1 5		12:24:00 PDT	19:24-GMT Private-Sportfishing-- ● Position: 234° / 528 m Dir: West	1 vessel
Poor	100	2 Fuzzy / 1 5		12:25:00 PDT	19:25-GMT Pv Harbor seal Position: 115° / 400 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Poor	100	3 Fuzzy / 1 5		12:41:00 PDT	19:41-GMT Images: 9911-9921 Er Gray whale (northbound) Position: 104° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

2012 All Sighting Numbers, raw

Sighting Number			Time	Species / Vessel Type	
			Code		
Poor	100	3 Fuzzy / 2	16 13:26:00 PDT	20:26-GMT V Private-Cruising-Sailboat- • Marsh Duck Position: 256° / 2260 m Dir: East	1 vessel
Poor	100	3 Fuzzy / 2	17 13:30:00 PDT	20:30-GMT SD Tt Bottlenose dolphin Position: 86° / 574 m Dir: South; Behavior: Slow travel	Total 17 — 0 Calves at sighting
Poor	20%	3 Fuzzy / 2	18 14:12:00 PDT	21:12-GMT V Airship--Helicopter- • Position: 174° / 25 m Dir: West	1 vessel
Poor	10%	3 Fuzzy / 3	19 15:07:00 PDT	22:07-GMT V Private-Cruising-- • Position: 183° / 1020 m Dir: East	1 vessel
Poor	10%	3 Fuzzy / 3	20 15:08:00 PDT	22:08-GMT V Oil services-Crew boat-- • Position: 138° / 3088 m Dir: West	1 vessel
Poor	10%	3 Fuzzy / 3	21 15:34:00 PDT	22:34-GMT V Private-Cruising-- • Position: 236° / 1331 m Dir: East	1 vessel
Poor	10%	3 Fuzzy / 3	22 16:32:00 PDT	23:32-GMT SD Tt Bottlenose dolphin Position: 149° / 661 m Dir: West; Behavior: Slow travel • Leap	Total 5 — 1 Calf at sighting

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CCvr	Bft	Horizon - Viz	Sighting Number	Time	Species / Vessel Type	
Fair	10%	3 Fuzzy / 1 7	01	9:01:00 PDT	16:01-GMT V Oil services-Crew boat-- • Position: 244° / 3088 m Dir: South	1 vessel
Fair	10%	3 Fuzzy / 1 7	02	9:04:00 PDT	16:04-GMT SP Pv Harbor seal Position: 100° / 827 m Dir: No direction; Behavior: in kelp	Total 2 — 0 Pups at sighting
Fair	10%	3 Fuzzy / 1 7	03	9:17:00 PDT	16:17-GMT V Research---UCSB • Position: 114° / 2260 m Dir: West	1 vessel
Fair	10%	3 Fuzzy / 1 7	04	9:36:00 PDT	16:36-GMT V Oil services-Crew boat-- • Position: 174° / 2749 m Dir: East	1 vessel
Fair	10%	3 Fuzzy / 1 7	05	10:00:00 PDT	17:00-GMT SD Tt Bottlenose dolphin Position: 102° / 1483 m Dir: No direction; Behavior: Milling	Total 2 — 0 Calves at sighting
Fair	10%	3 Fuzzy / 1 7	06	10:16:00 PDT	17:16-GMT Images: 9937-8 V Fish Commercial-Lobster/Crab-- • Kaylee J Position: 270° / 2749 m Dir: No direction	1 vessel
Fair	10%	3 Fuzzy / 1 7	07	10:38:00 PDT	17:38-GMT V Oil services-Crew boat-- • Position: 274° / 3528 m Dir: South	1 vessel
Fair	10%	3 Fuzzy / 1 7	08	10:44:00 PDT	17:44-GMT SD Tt Bottlenose dolphin Position: 151° / 388 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	10%	3 Fuzzy / 1 7	09	11:05:00 PDT	18:05-GMT Images: 9951-0023 S Er Gray whale (northbound) Position: 104° / 2260 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	10%	4 Fuzzy / 1 7	10	11:18:00 PDT	18:18-GMT V Fish Commercial-Urchin Diving-- • 39462 Position: 99° / 3088 m Dir: West	1 vessel
Poor	10%	4 Fuzzy / 1 7	11	11:58:00 PDT	18:58-GMT S Er Gray whale (northbound) Position: 102° / 946 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

2012 All Sighting Numbers, raw

				Sighting Number	Time	Species / Vessel Type		
CCvr	Bft	Horizon - Viz		Code				
May 15 Day 93 of 98								
Fair	10%	0	Fuzzy / 1 7	01	9:00:00 PDT	16:00-GMT Oil services-Crew boat-- ● Position: 240° / 3088 m Dir: No direction	1 vessel	
Fair	10%	0	Fuzzy / 1 7	02	9:11:00 PDT	16:11-GMT Airship--Helicopter- ● SBOP Position: 174° / 300 m Dir: East	1 vessel	
Fair	20%	1	Fuzzy / 1 7	03	10:08:00 PDT	17:08-GMT Pv Harbor seal Position: 101° / 946 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting	
Fair	20%	1	Fuzzy / 1 7	04	10:20:00 PDT	17:20-GMT Pv Harbor seal Position: 119° / 489 m Dir: East; Behavior: in kelp	Total 1 — 0 Pups at sighting	
Fair	20%	1	Fuzzy / 1 7	05	10:24:00 PDT	17:24-GMT Oil services-Crew boat-- ● Position: 279° / 3528 m Dir: South	1 vessel	
Fair	20%	1	Fuzzy / 1 7	06	10:36:00 PDT	17:36-GMT Oil services-Crew boat-- ● Position: 289° / 3528 m Dir: South	1 vessel	
Fair	20%	1	Fuzzy / 1 7	07	11:48:00 PDT	18:48-GMT Pv Harbor seal Position: 158° / 231 m Dir: West; Behavior: Slow travel ● in kelp	Total 1 — 0 Pups at sighting	
Fair	20%	1	Fuzzy / 1 7	08	12:08:00 PDT	19:08-GMT Oil services-Crew boat-- ● Position: 274° / 3528 m Dir: North	1 vessel	
Fair	20%	1	Fuzzy / 1 7	09	12:32:00 PDT	19:32-GMT Oil services-Crew boat-- ● Position: 289° / 3528 m Dir: South	1 vessel	
Fair	20%	1	Fuzzy / 1 7	10	12:33:00 PDT	19:33-GMT Images: 0030-0040 Er Gray whale (northbound) Position: 139° / 1483 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting	
Fair	20%	1	Fuzzy / 2	11	13:37:00 PDT	20:37-GMT Images: 0043-0149 Er Gray whale (northbound) Position: 103° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting	
Fair	20%	1	Fuzzy / 2	12	14:39:00 PDT	21:39-GMT Pv Harbor seal Position: 174° / 314 m Dir: No direction; Behavior: in open water	Total 1 — 0 Pups at sighting	
Fair	20%	1	Fuzzy / 2	13	14:54:00 PDT	21:54-GMT Research---CINMS ● Position: 118° / 3088 m Dir: No direction	1 vessel	
Fair	20%	1	Fuzzy / 2	14	14:56:00 PDT	21:56-GMT Oil services-Crew boat-- ● Position: 239° / 3088 m Dir: North	1 vessel	
Fair	20%	1	Fuzzy / 2	15	15:10:00 PDT	22:10-GMT Tt Bottlenose dolphin Position: 146° / 382 m Dir: East; Behavior: Slow travel	Total 8 — 2 Calves at sighting	
Fair	20%	1	Fuzzy / 2	16	15:24:00 PDT	22:24-GMT Airship--Helicopter- ● SBOP Position: 174° / 250 m Dir: West	1 vessel	
Fair	20%	1	Fuzzy / 2	17	15:25:00 PDT	22:25-GMT Oil services-Crew boat-- ● Position: 231° / 3088 m Dir: West	1 vessel	
Fair	20%	1	Fuzzy / 2	18	15:41:00 PDT	22:41-GMT Pv Harbor seal Position: 97° / 489 m Dir: North; Behavior: in kelp	Total 1 — 0 Pups at sighting	
Fair	20%	3	Fuzzy / 2	19	15:46:00 PDT	22:46-GMT Images: 0154-0188 Er Gray whale (northbound) Position: 106° / 2749 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting	

2012 All Sighting Numbers, raw

			Sighting Number	Time	Species / Vessel Type	
				Code		
Fair	20%	3	Fuzzy / 2	20	15:54:00 PDT 22:54-GMT	
				V	Fish Commercial-Line-- ● FG70370 Position: 110° / 2260 m Dir: West	1 vessel
Fair	20%	3	Fuzzy / 2	21	16:14:00 PDT 23:14-GMT	
				V	Airship--Helicopter- ● SBOP Position: 174° / 200 m Dir: West	1 vessel
<hr/>						
May 16 Day 94 of 98						
	CCvr	Bft	Horizon - Viz			
Fair	30%	1	Fuzzy / 1 7	01	9:05:00 PDT 16:05-GMT	
				V	Oil services-Crew boat-- ● Position: 234° / 3528 m Dir: No direction	1 vessel
Fair	30%	1	Fuzzy / 1 7	02	9:07:00 PDT 16:07-GMT	
				V	Research-Diving--UCSB ● 8925XS Position: 113° / 1403 m Dir: West	1 vessel
Fair	30%	1	Fuzzy / 1 7	03	9:28:00 PDT 16:28-GMT	
				V	Airship--Helicopter- ● SBOP Position: 174° / 400 m Dir: West	1 vessel
Fair	30%	1	Fuzzy / 1 7	04	9:33:00 PDT 16:33-GMT	
				V	Oil services-Crew boat-- ● Position: 268° / 3528 m Dir: South	1 vessel
Fair	30%	1	Fuzzy / 1 7	05	9:59:00 PDT 16:59-GMT	
				V	Oil services-Crew boat-- ● Position: 266° / 3528 m Dir: North	1 vessel
Fair	30%	1	Fuzzy / 1 7	06	10:10:00 PDT 17:10-GMT	
				V	Research--- ● Surveyor Position: 226° / 3528 m Dir: East	1 vessel
Fair	30%	2	Fuzzy / 1 7	07	10:11:00 PDT 17:11-GMT	
				SP	Pv Harbor seal Position: 136° / 275 m Dir: No direction; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Fair	30%	2	Fuzzy / 1 7	08	11:07:00 PDT 18:07-GMT	
				V	Touring-Whale watching-- ● Condor Express Position: 135° / 3088 m Dir: West	1 vessel
Fair	30%	2	Fuzzy / 1 7	09	11:31:00 PDT 18:31-GMT	
				V	Fish Commercial--Jet-ski- ● Position: 189° / 400 m Dir: East	1 vessel
Fair	10%	2	Fuzzy / 1 7	10	11:35:00 PDT 18:35-GMT	
				V	Oil services-Crew boat-- ● Position: 274° / 3528 m Dir: North	1 vessel
Fair	10%	2	Fuzzy / 1 7	11	11:41:00 PDT 18:41-GMT	
				SD	D sp Common dolphin species Position: 172° / 1922 m Dir: West; Behavior: Slow travel ● Leap	Total 500 — 0 Calves at sighting
Fair	10%	2	Fuzzy / 1 7	12	11:47:00 PDT 18:47-GMT	
				V	Oil services-Crew boat-- ● Position: 290° / 3528 m Dir: South	1 vessel
Fair	10%	2	Fuzzy / 1 7	13	11:56:00 PDT 18:56-GMT Images: 0201-0399	
				S	Er Gray whale (northbound) Position: 101° / 3088 m Dir: West; Behavior: Slow travel	Total 6 — 3 Calves at sighting
Fair	10%	3	Fuzzy / 1 7	14	13:14:00 PDT 20:14-GMT	
				V	Airship--Helicopter- ● SBOP Position: 174° / 300 m Dir: West	1 vessel
Fair	10%	3	Fuzzy / 1 7	15	13:45:00 PDT 20:45-GMT	
				V	Airship--Helicopter- ● SBOP Position: 174° / 300 m Dir: West	1 vessel
Fair	10%	3	Fuzzy / 1 7	16	14:05:00 PDT 21:05-GMT	
				V	Private--Sailboat motoring- ● Position: 154° / 2260 m Dir: West	1 vessel
Fair	10%	2	Fuzzy / 1 7	17	14:13:00 PDT 21:13-GMT	
				V	Private--Sailboat motoring- ● Position: 104° / 3528 m Dir: West	1 vessel

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	10%	2	Fuzzy / 1 7	18	14:30:00 PDT 21:30-GMT V	Oil services-Crew boat-- • Position: 254° / 3528 m Dir: South 1 vessel
Fair	10%	2	Fuzzy / 1 7	19	14:51:00 PDT 21:51-GMT S	Images: 0402-0433 Er Gray whale (northbound) Position: 102° / 3088 m Dir: West; Behavior: Slow travel • Fluke Total 2 — 1 Calf at sighting
Fair	10%	2	Fuzzy / 1 7	20	16:04:00 PDT 23:04-GMT V	Fish Commercial-Urchin Diving-- • Sea Fever Position: 254° / 1331 m Dir: East 1 vessel
Fair	10%	2	Fuzzy / 1 7	21	16:58:00 PDT 23:58-GMT V	Airship--Helicopter- • SBOP Position: 174° / 300 m Dir: West 1 vessel

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CCvr	Bft	Horizon - Viz				
Poor	20%	4	Fuzzy / 1 7	01	9:19:00 PDT 16:19-GMT V	Oil services-Crew boat-- • Position: 232° / 3088 m Dir: West 1 vessel
Poor	20%	4	Fuzzy / 1 7	02	9:20:00 PDT 16:20-GMT V	Oil services-Crew boat-- • Position: 234° / 3088 m Dir: East 1 vessel
Poor	20%	3	Fuzzy / 1 7	03	10:05:00 PDT 17:05-GMT SP	Pv Harbor seal Position: 126° / 197 m Dir: West; Behavior: Slow travel Total 1 — 0 Pups at sighting
Poor	20%	3	Fuzzy / 1 7	04	10:07:00 PDT 17:07-GMT SD	Tt Bottlenose dolphin Position: 99° / 1106 m Dir: West; Behavior: Slow travel Total 7 — 0 Calves at sighting
Poor	20%	3	Fuzzy / 1 7	05	10:25:00 PDT 17:25-GMT V	Oil services-Crew boat-- • Position: 275° / 3528 m Dir: South 1 vessel
Fair	20%	3	Fuzzy / 1 7	06	10:49:00 PDT 17:49-GMT V	Fish Commercial-Urchin Diving-- • 41133 Position: 102° / 2749 m Dir: West 1 vessel
Fair	20%	3	Fuzzy / 1 7	07	11:02:00 PDT 18:02-GMT V	Touring-Whale watching-- • Condor Express Position: 104° / 2749 m Dir: West 1 vessel
Fair	20%	3	Fuzzy / 1 7	08	11:23:00 PDT 18:23-GMT V	Oil services-Crew boat-- • Position: 234° / 3088 m Dir: South 1 vessel
Fair	20%	3	Fuzzy / 1 7	09	11:46:00 PDT 18:46-GMT SD	Tt Bottlenose dolphin Position: 114° / 778 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Fair	10%	3	Fuzzy / 1 7	10	12:13:00 PDT 19:13-GMT SD	Tt Bottlenose dolphin Position: 166° / 412 m Dir: West; Behavior: Slow travel Total 4 — 0 Calves at sighting
Fair	10%	3	Fuzzy / 1 7	11	12:14:00 PDT 19:14-GMT V	Oil services-Crew boat-- • Position: 274° / 3528 m Dir: South 1 vessel
Fair	10%	3	Fuzzy / 1 7	12	12:17:00 PDT 19:17-GMT V	Oil services-Crew boat-- • Position: 266° / 3528 m Dir: North 1 vessel
Fair	10%	3	Fuzzy / 1 7	13	13:24:00 PDT 20:24-GMT V	Oil services-Crew boat-- • Position: 282° / 3528 m Dir: South 1 vessel
Fair	10%	3	Fuzzy / 1 7	14	13:59:00 PDT 20:59-GMT SP	Pv Harbor seal Position: 113° / 489 m Dir: No direction; Behavior: in kelp Total 1 — 0 Pups at sighting
Fair	10%	3	Fuzzy / 1 7	15	14:25:00 PDT 21:25-GMT SD	Tt Bottlenose dolphin Position: 198° / 280 m Dir: East; Behavior: Slow travel Total 3 — 0 Calves at sighting

2012 All Sighting Numbers, raw

Sighting Number				Time	Species / Vessel Type	
				Code		
Fair	10%	3	Fuzzy / 1 7	16	14:49:00 PDT 21:49-GMT	
				V	Oil services-Crew boat-- ● Position: 261° / 3088 m Dir: South	1 vessel
Fair	20%	2	Fuzzy / 1 7	17	15:20:00 PDT 22:20-GMT	
				V	Oil services-Crew boat-- ● Position: 284° / 3528 m Dir: South	1 vessel
Fair	60%	3	Fuzzy / 1 7	18	16:33:00 PDT 23:33-GMT	
				V	Oil services-Crew boat-- ● Position: 286° / 3528 m Dir: South	1 vessel
Fair	60%	3	Fuzzy / 1 7	19	16:58:00 PDT 23:58-GMT	
				SD	Tt Bottlenose dolphin Position: 156° / 300 m Dir: East; Behavior: Moderate travel	Total 7 — 0 Calves at sighting

May 18 Day 96 of 98

CCvr	Bft	Horizon - Viz				
Fair	10%	1	Fuzzy / 2	01	10:03:00 PDT 17:03-GMT	
				SP	Pv Harbor seal Position: 98° / 883 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	10%	2	Fuzzy / 1 7	02	10:09:00 PDT 17:09-GMT	
				SD	Tt Bottlenose dolphin Position: 107° / 946 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	10%	2	Fuzzy / 1 7	03	10:41:00 PDT 17:41-GMT	
				SD	D sp Common dolphin species Position: 126° / 1922 m Dir: West; Behavior: Moderate travel	Total 300 — 0 Calves at sighting
Fair	10%	2	Fuzzy / 1 7	04	10:55:00 PDT 17:55-GMT	
				V	Oil services-Crew boat-- ● Position: 234° / 2749 m Dir: No direction	1 vessel
Fair	10%	3	Fuzzy / 1 7	05	10:57:00 PDT 17:57-GMT	
				V	Touring-Whale watching-- ● Position: 145° / 1020 m Dir: West	1 vessel
Fair	10%	3	Fuzzy / 1 7	06	11:03:00 PDT 18:03-GMT	
				SD	D sp Common dolphin species Position: 246° / 696 m Dir: East; Behavior: Foraging	Total 150 — 0 Calves at sighting
Poor	10%	4	Fuzzy / 1 5	07	12:30:00 PDT 19:30-GMT	
				V	Oil services-Crew boat-- ● Position: 202° / 3088 m Dir: West	1 vessel
Poor	10%	4	Fuzzy / 1 5	08	13:02:00 PDT 20:02-GMT	
				V	Oil services-Crew boat-- ● Position: 285° / 3528 m Dir: South	1 vessel
Fair	10%	3	Fuzzy / 1 5	09	14:09:00 PDT 21:09-GMT	
				V	Airship--Airplane- ● Position: 174° / 150 m Dir: West	1 vessel
Poor	10%	4	Fuzzy / 1 5	10	15:03:00 PDT 22:03-GMT	
				SD	Tt Bottlenose dolphin Position: 119° / 489 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Poor	10%	4	Fuzzy / 1 5	11	15:13:00 PDT 22:13-GMT	
				V	Oil services-Crew boat-- ● Position: 276° / 3528 m Dir: South	1 vessel
Poor	10%	4	Fuzzy / 1 5	12	15:15:00 PDT 22:15-GMT	
				SD	Tt Bottlenose dolphin Position: 97° / 528 m Dir: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Poor	10%	4	Fuzzy / 1 5	13	15:39:00 PDT 22:39-GMT	
				V	Oil services-Crew boat-- ● Position: 179° / 2749 m Dir: East	1 vessel
Poor	10%	4	Fuzzy / 1 5	14	15:51:00 PDT 22:51-GMT	
				V	Oil services-Crew boat-- ● Position: 270° / 3088 m Dir: South	1 vessel
Poor	10%	4	Fuzzy / 1 5	15	16:22:00 PDT 23:22-GMT	
				SD	Tt Bottlenose dolphin Position: 185° / 471 m Dir: East; Behavior: Moderate travel ● Leap	Total 5 — 0 Calves at sighting

2012 All Sighting Numbers, raw

				Sighting Number	Time	Species / Vessel Type			
					Code				
Poor	10%	4	Fuzzy / 1 F	16	16:45:00 PDT	23:45-GMT SD	Tt Bottlenose dolphin Position: 151° / 338 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting	
May 19 Day 97 of 98									
	CCvr	Bft	Horizon - Viz						
Poor	10%	2	NV / 1.5	OFF-EFFORT	9:01:00 PDT	16:01-GMT	Tt Bottlenose dolphin Position: 184° / 356 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting	
				01	SD				
Poor	30%	2	NV / 1.5	OFF-EFFORT	9:34:00 PDT	16:34-GMT	Fish Commercial-Lobster/Crab-- • Kaylee J Position: 111° / 1020 m Dir: West	1 vessel	
				02	V				
Poor	30%	3	NV / 1.5	OFF-EFFORT	10:14:00 PDT	17:14-GMT	Fish Commercial-Urchin Diving-- • Position: 134° / 2749 m Dir: West	1 vessel	
				03	V				
Poor	30%	3	NV / 1.5	OFF-EFFORT	10:22:00 PDT	17:22-GMT	Private-Cruising-- • Position: 155° / 1403 m Dir: East	1 vessel	
				04	V				
Poor	30%	3	Fuzzy / 1 F		10:29:00 PDT	17:29-GMT	Tt Bottlenose dolphin Position: 154° / 264 m Dir: West; Behavior: Moderate travel	Total 1 — 0 Calves at sighting	
				05	SD				
Poor	30%	3	Fuzzy / 1 F		10:38:00 PDT	17:38-GMT	Tt Bottlenose dolphin Position: 165° / 300 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting	
				06	SD				
Poor	30%	3	Fuzzy / 1 F		10:41:00 PDT	17:41-GMT	Private-Cruising-- • Position: 147° / 2260 m Dir: West	1 vessel	
				07	V				
Poor	30%	3	Fuzzy / 1 F		12:02:00 PDT	19:02-GMT	Airship--Helicopter- • SBOP Position: 174° / 200 m Dir: West	1 vessel	
				08	V				
Poor	30%	3	Fuzzy / 1 F		12:10:00 PDT	19:10-GMT	Oil services-Crew boat-- • Position: 286° / 3528 m Dir: South	1 vessel	
				09	V				
Poor	30%	3	Fuzzy / 1 F		12:41:00 PDT	19:41-GMT	Fish Commercial-Urchin Diving-- • 602475 Position: 115° / 3088 m Dir: West	1 vessel	
				10	V				
Poor	30%	3	Fuzzy / 1 F		12:45:00 PDT	19:45-GMT	Pv Harbor seal Position: 169° / 183 m Dir: No direction; Behavior: in surf zone	Total 1 — 0 Pups at sighting	
				11	SP				
Poor	30%	3	Fuzzy / 1 F		12:52:00 PDT	19:52-GMT	Er Gray whale (northbound) Position: 122° / 1020 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting	
				12	S				
Poor	30%	3	Fuzzy / 1 F		12:54:00 PDT	19:54-GMT	Pv Harbor seal Position: 114° / 244 m Dir: West; Behavior: in kelp	Total 1 — 0 Pups at sighting	
				13	SP				
Fair	70%	1	Fuzzy / 1 F		15:38:00 PDT	22:38-GMT	Ba Minke whale Position: 206° / 913 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting	
				14	SW				
Fair	50%	1	Fuzzy / 2		15:48:00 PDT	22:48-GMT	Private-Sportfishing-- • Position: 104° / 2749 m Dir: West	1 vessel	
				15	V				
Fair	50%	1	Fuzzy / 2		16:00:00 PDT	23:00-GMT	Airship--Helicopter- • SBOP Position: 174° / 100 m Dir: West	1 vessel	
				16	V				
Fair	50%	1	Fuzzy / 2		16:54:00 PDT	23:54-GMT	Fish Commercial-Lobster/Crab-- • St. Peter Position: 277° / 1922 m Dir: East	1 vessel	
				17	V				
Fair	50%	1	Fuzzy / 2		16:59:00 PDT	23:59-GMT	Tt Bottlenose dolphin Position: 140° / 600 m Dir: West	Total 2 — 1 Calf at sighting	
				18	SD				

2012 All Sighting Numbers, raw

Sighting Number			Time	Species / Vessel Type	
CCvr	Bft	Horizon - Viz	Code		
May 20 Day 98 of 98					
Poor	100	0 NV / 1.7	01 9:10:00 PDT	16:10-GMT V Oil services-Crew boat-- ● Position: 224° / 2749 m Dir: West	1 vessel
Poor	100	0 NV / 1.7	02 9:31:00 PDT	16:31-GMT SP Pv Harbor seal Position: 99° / 946 m Dir: No direction; Behavior: in kelp	Total 1 — 0 Pups at sighting
Poor	100	0 NV / 1.7	03 9:31:00 PDT	16:31-GMT SP Pv Harbor seal Position: 99° / 1106 m Dir: No direction; Behavior: in kelp	Total 2 — 0 Pups at sighting
Poor	100	1 NV / 1.7	04 10:32:00 PDT	17:32-GMT SD D sp Common dolphin species Position: 115° / 2749 m Dir: West; Behavior: Foraging	Total 400 — 0 Calves at sighting
Poor	100	1 NV / 1.7	05 10:43:00 PDT	17:43-GMT V Oil services-Crew boat-- ● Position: 250° / 3088 m Dir: South	1 vessel
Poor	100	1 NV / 1.7	06 10:44:00 PDT	17:44-GMT V Private-Sportfishing-Boston Whaler- ● Position: 204° / 1106 m Dir: East	1 vessel
Poor	100	1 NV / 1.7	07 10:53:00 PDT	17:53-GMT V Private-Sportfishing-- ● Position: 239° / 2749 m Dir: East	1 vessel
Poor	100	1 NV / 1.7	08 12:02:00 PDT	19:02-GMT SD Tt Bottlenose dolphin Position: 125° / 489 m Dir: West; Behavior: Slow travel	Total 4 — 1 Calf at sighting
Poor	100	1 NV / 1.7	09 12:24:00 PDT	19:24-GMT SD Tt Bottlenose dolphin Position: 113° / 735 m Dir: West; Behavior: Slow travel	Total 11 — 3 Calves at sighting
Poor	100	1 NV / 1.7	10 12:43:00 PDT	19:43-GMT SD Tt Bottlenose dolphin Position: 120° / 661 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	100	1 NV / 1.7	11 13:22:00 PDT	20:22-GMT V Oil services-Crew boat-- ● Position: 233° / 3088 m Dir: No direction	1 vessel
Poor	100	1 NV / 1.7	12 13:32:00 PDT	20:32-GMT SP Pv Harbor seal Position: 144° / 235 m Dir: East; Behavior: Slow travel ● in kelp	Total 1 — 0 Pups at sighting
Fair	50%	3 Fuzzy / 1.7	13 16:08:00 PDT	23:08-GMT V Private-Sportfishing-- ● Position: 105° / 3088 m Dir: East	1 vessel
Fair	50%	3 Fuzzy / 1.7	14 16:13:00 PDT	23:13-GMT V Private-Cruising-Jet-ski- ● Position: 229° / 220 m Dir: West	1 vessel
Fair	50%	3 Fuzzy / 1.7	15 16:18:00 PDT	23:18-GMT V Private-Cruising-Jet-ski- ● Position: 199° / 258 m Dir: West	2 vessels
Fair	50%	3 Fuzzy / 1.7	16 16:19:00 PDT	23:19-GMT V Private-Cruising-Jet-ski- ● Position: 164° / 244 m Dir: West	1 vessel
Fair	50%	3 Fuzzy / 1.7	17 16:23:00 PDT	23:23-GMT V Fish Commercial-Sportfishing-- ● Stardust Position: 212° / 913 m Dir: East	1 vessel
Fair	50%	3 Fuzzy / 1.7	18 16:26:00 PDT	23:26-GMT SD Tt Bottlenose dolphin Position: 185° / 227 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting