



2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Feb 11 Day 1 of 98			
Cvr	Bft	Horiz - Vis	
Good 10%	0	Fuzzy / 3	
01	10:01:00 PST	18:01-GMT SP Harbor seal Position: 180° / 70 m Direction: East; Behavior: Slow travel • in kelp • in surf zone	Total 1 — 0 Pups at sighting
02	10:15:00 PST	18:15-GMT SP Harbor seal Position: 229° / 60 m Direction: East; Behavior: Slow travel • in surf zone	Total 2 — 0 Pups at sighting
03	10:19:00 PST	18:19-GMT SP Harbor seal Position: 134° / 253 m Direction: South; Behavior: in kelp • Slow travel	Total 1 — 0 Pups at sighting
04	10:31:00 PST	18:31-GMT SP Harbor seal Position: 174° / 269 m Direction: East; Behavior: Slow travel • in open water	Total 1 — 0 Pups at sighting
05	10:38:00 PST	18:38-GMT V Oil services Crew boat Position: 275° / 3528 m Direction: South	1 vessel
06	10:45:00 PST	18:45-GMT V Oil services Oil-spill recovery Position: 154° / 3088 m Direction: East	1 vessel
07	10:49:00 PST	18:49-GMT SP Harbor seal Position: 116° / 307 m Direction: South; Behavior: Slow travel	Total 1 — 0 Pups at sighting
08	11:18:00 PST	19:18-GMT V Fish Commercial Urchin Diving 124020 Position: 112° / 1922 m Direction: West	1 vessel
09	11:57:00 PST	19:57-GMT SP Harbor seal Position: 212° / 253 m Direction: East; Behavior: Slow travel	Total 1 — 0 Pups at sighting
10	11:59:00 PST	19:59-GMT V Fish Commercial Lobster/Crab Position: 100° / 2749 m Direction: Circling	1 vessel
11	12:01:00 PST	20:01-GMT SP Harbor seal Position: 198° / 388 m Direction: East; Behavior: Slow travel	Total 1 — 0 Pups at sighting
12	12:21:00 PST	20:21-GMT SD Bottlenose dolphin Position: 182° / 2260 m Direction: West; Behavior: Slow travel	Total 15 — 0 Calves at sighting
13	12:31:00 PST	20:31-GMT SD Pacific White-sided dolphin Position: 248° / 946 m Direction: East; Behavior: Moderate travel	Total 35 — 0 Calves at sighting
14	12:34:00 PST	20:34-GMT V Oil services Crew boat Position: 250° / 3088 m Direction: South	1 vessel

part of 2013 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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2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 10% 0 Fuzzy / 3	15 12:43:00 PST	20:43-GMT SD Bottlenose dolphin Position: 148° / 347 m Direction: West; Behavior: Slow travel	Total 6 — 1 Calf at sighting
Good 10% 1 Fuzzy / 3	16 13:16:00 PST	21:16-GMT SD Pacific White-sided dolphin Position: 254° / 778 m Direction: East; Behavior: Slow travel	Total 10 — 0 Calves at sighting
Good 10% 1 Fuzzy / 3	17 13:27:00 PST	21:27-GMT V Fish Commercial Lobster/Crab Carol E L533-9 Position: 271° / 1922 m Direction: East	1 vessel
Good 10% 1 Fuzzy / 3	18 13:38:00 PST	21:38-GMT V Oil services Oil-spill recovery Position: 158° / 3088 m Direction: West	1 vessel
Good 10% 2 Fuzzy / 3	19 13:44:00 PST	21:44-GMT V Fish Commercial Urchin Diving L58309 Position: 115° / 2749 m Direction: West	1 vessel
Good 10% 2 Fuzzy / 3	20 13:57:00 PST	21:57-GMT V Private Sportfishing Position: 250° / 2749 m Direction: East	1 vessel
Good 10% 2 Fuzzy / 3	21 14:08:00 PST	22:08-GMT V Fish Commercial Lobster/Crab L24020 CF 2452 Position: 188° / 412 m Direction: East	1 vessel
Good 10% 2 Fuzzy / 3	22 14:09:00 PST	22:09-GMT SP Harbor seal Position: 178° / 160 m Direction: East; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Good 10% 2 Fuzzy / 3	23 14:11:00 PST	22:11-GMT V Oil services Oil-spill recovery Position: 185° / 1922 m Direction: West	1 vessel
Good 10% 2 Fuzzy / 3	24 14:38:00 PST	22:38-GMT S Gray whale (northbound) Position: 96° / 3528 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 10% 2 Fuzzy / 3	25 14:56:00 PST	22:56-GMT V Oil services Crew boat Position: 256° / 3088 m Direction: South	1 vessel
Good 10% 2 Fuzzy / 3	26 15:30:00 PST	23:30-GMT V Airship Blimp Met Life Position: 174° / m Direction: East	1 vessel
Good 10% 2 Fuzzy / 3	27 15:36:00 PST	23:36-GMT V Oil services Crew boat Position: 191° / 2260 m Direction: East	1 vessel
Good 10% 2 Fuzzy / 3	28 15:52:00 PST	23:52-GMT SW Gray whale (southbound) Position: 263° / 1922 m Direction: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 10% 2 Fuzzy / 3	29 15:59:00 PST	23:59-GMT V Private Sportfishing 45063 Position: 261° / 3088 m Direction: East	1 vessel
Good 10% 2 Fuzzy / 3	30 16:48:00 PST	0:48; 2/12/2013-GMT S Gray whale (northbound) Position: 137° / 5027 m Direction: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting

Feb 12 Day 2 of 98

CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Good 10%	2	Sharp / 3	01	9:28:00 PST	17:28-GMT SD Bottlenose dolphin Position: 112° / 913 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good 10%	2	Sharp / 3	02	9:36:00 PST	17:36-GMT V Oil services Crew boat Position: 206° / 2749 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 10% 2 Sharp / 3	03 9:39:00 PST	17:39-GMT SD Bottlenose dolphin Position: 274° / 539 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 10% 2 Sharp / 3	04 10:18:00 PST	18:18-GMT SW unidentified large whale Position: 101° / 3088 m Direction: nd; Behavior: No direction	Total 2 — 0 Calves at sighting
Good 10% 2 Sharp / 3	05 10:34:00 PST	18:34-GMT V Oil services Crew boat Position: 284° / 3528 m Direction: South	1 vessel
Good 10% 2 Sharp / 3	06 10:36:00 PST	18:36-GMT SP Harbor seal Position: 257° / m Direction: West; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Good 10% 3 Fuzzy / 3	07 11:26:00 PST	19:26-GMT V Private Sportfishing Position: 113° / 2749 m Direction: West	1 vessel
Good 10% 2 Sharp / 3	08 12:12:00 PST	20:12-GMT V Oil services Crew boat Position: 273° / 3528 m Direction: North	1 vessel
Good 10% 2 Sharp / 3	09 12:29:00 PST	20:29-GMT V Oil services Crew boat Position: 253° / 3528 m Direction: North	1 vessel
Excellent 10% 1 Sharp / 3	10 13:28:00 PST	21:28-GMT V Enforcement RHB Coast Guard Position: 104° / 2749 m Direction: ni	1 vessel
Excellent 10% 1 Sharp / 3	11 13:54:00 PST	21:54-GMT V Fish Commercial Lobster/Crab Kaylee J Position: 259° / 2749 m Direction: East	1 vessel
Excellent 10% 1 Sharp / 3	12 13:57:00 PST	21:57-GMT V Research Diving UCSB Position: 269° / 1106 m Direction: East	1 vessel
Excellent 10% 1 Sharp / 3	13 14:36:00 PST	22:36-GMT V Airship Helicopter X N276X Position: 174° / m Direction: West	1 vessel
Good 10% 0 Sharp / 3	14 14:49:00 PST	22:49-GMT V Oil services Crew boat Position: 266° / 3088 m Direction: South	1 vessel
Good 10% 0 Sharp / 3	15 15:03:00 PST	23:03-GMT V Private Cruising Position: 115° / 1483 m Direction: East	1 vessel
Good 10% 0 Sharp / 3	16 15:12:00 PST	23:12-GMT SD Bottlenose dolphin Position: 179° / 253 m Direction: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good 10% 2 Sharp / 3	17 15:44:00 PST	23:44-GMT V Airship Helicopter X N276X Position: 174° / m Direction: West	1 vessel
Fair 10% 3 Sharp / 3	18 16:08:00 PST	0:08; 2/13/2013-GMT V Fish Commercial Net New Hazard Position: 273° / 3088 m Direction: East	1 vessel

Feb 13 Day 3 of 98

CCvr	Bfr	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair	20%	1	Fuzzy / 3	01 9:13:00 PST	17:13-GMT SD Bottlenose dolphin Position: 135° / 778 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 3	02 9:15:00 PST	17:15-GMT V Oil services Crew boat Position: 213° / 2749 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time	Species / Vessel Type	
	Code		
Fair 20% 1 Fuzzy / 3	03 9:21:00 PST	17:21-GMT Private Cruising Position: 188° / 1331 m Direction: West	1 vessel
Fair 20% 1 Fuzzy / 3	04 9:36:00 PST	17:36-GMT Fish Commercial Lobster/Crab L24020 Position: 110° / 1922 m Direction: West	1 vessel
Fair 20% 1 Fuzzy / 3	05 9:36:00 PST	17:36-GMT Common dolphin, species not determined Position: 108° / 3528 m Direction: East; Behavior: Moderate travel	Total 500 — 0 Calves at sighting
Fair 20% 1 Fuzzy / 3	06 9:43:00 PST	17:43-GMT Harbor seal Position: 149° / 212 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 20% 2 Fuzzy / 3	07 10:19:00 PST	18:19-GMT Harbor seal Position: 208° / m Direction: East; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Fair 20% 2 Fuzzy / 3	08 10:20:00 PST	18:20-GMT Harbor seal Position: 174° / m Direction: South; Behavior: in open water • in surf zone	Total 1 — 0 Pups at sighting
Fair 20% 2 Fuzzy / 3	09 10:35:00 PST	18:35-GMT Fish Commercial Lobster/Crab Carol E L533-9 Position: 285° / 1020 m Direction: West	1 vessel
Good 20% 1 Fuzzy / 3	10 11:15:00 PST	19:15-GMT Oil services Crew boat Position: 282° / 3528 m Direction: North	1 vessel
Good 20% 1 Fuzzy / 3	11 11:30:00 PST	19:30-GMT Images: 0856, 0861 Airship Airplane Position: 174° / m Direction: East	1 vessel
Good 20% 1 Fuzzy / 3	12 11:32:00 PST	19:32-GMT Images: 0858-9 Bottlenose dolphin Position: 107° / 1020 m Direction: West; Behavior: Slow travel	Total 11 — 2 Calves at sighting
Good 20% 1 Fuzzy / 3	13 11:55:00 PST	19:55-GMT Airship Position: 174° / m Direction: ni	1 vessel
Good 20% 1 Fuzzy / 3	14 11:59:00 PST	19:59-GMT Oil services Crew boat Position: 265° / 3528 m Direction: South	1 vessel
Good 20% 1 Fuzzy / 3	15 12:37:00 PST	20:37-GMT Fish Commercial Net Mary K Position: 232° / 2260 m Direction: East	1 vessel
Good 20% 1 Fuzzy / 3	16 13:00:00 PST	21:00-GMT Images: 0862-0871 Private Sportfishing Position: 199° / 600 m Direction: East	1 vessel
Good 10% 3 Fuzzy / 3	17 15:16:00 PST	23:16-GMT Bottlenose dolphin Position: 150° / 883 m Direction: West; Behavior: Foraging • Leap	Total 7 — ni Calves at sighting
Good 10% 3 Fuzzy / 3	18 15:20:00 PST	23:20-GMT Research Diving UCSB Position: 238° / 600 m Direction: East	1 vessel
Good 10% 3 Fuzzy / 3	19 15:38:00 PST	23:38-GMT Harbor seal Position: 177° / 183 m Direction: Still; Behavior: Dive • in surf zone	Total 1 — 0 Pups at sighting
Good 10% 3 Fuzzy / 3	20 15:51:00 PST	23:51-GMT Oil services Crew boat Position: 156° / 2749 m Direction: West	1 vessel
Good 10% 3 Fuzzy / 3	21 16:04:00 PST	0:04; 2/14/2013-GMT unidentified large whale Position: 232° / 913 m Direction: East; Behavior: No direction	Total 1 — 0 Calves at sighting

2013 All Sighting Numbers, raw

	Number	Time Code	Species / Vessel Type	
Good 10%	3	Fuzzy / 3	22 16:25:00 PST SP Harbor seal Position: 165° / 269 m Direction: Still; Behavior: in open water	Total 1 — 0 Pups at sighting
Feb 14 Day 4 of 98				
CCvr	Bt	Horiz - Vis		
Poor 80%	0	Fuzzy / 2	01 11:42:00 PST SP Harbor seal Position: 198° / 194 m Direction: East; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Fair 20%	0	Fuzzy / 3	02 11:58:00 PST V Oil services Crew boat Position: 277° / 3528 m Direction: North	1 vessel
Fair 20%	0	Fuzzy / 3	03 12:15:00 PST SD Common dolphin, species not determined Position: 239° / 913 m Direction: East; Behavior: Foraging • Leap	Total 100 — 0 Calves at sighting
Fair 20%	0	Fuzzy / 3	04 12:31:00 PST V Oil services Crew boat Position: 281° / 3528 m Direction: North	1 vessel
Fair 20%	0	Fuzzy / 3	05 12:35:00 PST V Oil services Crew boat Position: 138° / 3088 m Direction: West	1 vessel
Fair 20%	0	Fuzzy / 3	06 12:43:00 PST V Fish Commercial Net New Hazzard Position: 253° / 1922 m Direction: East	1 vessel
Fair 20%	0	Fuzzy / 3	07 13:03:00 PST V Oil services Crew boat Position: 290° / 3528 m Direction: South	1 vessel
Fair 20%	1	Fuzzy / 3	08 14:39:00 PST V Oil services Crew boat Position: 256° / 3088 m Direction: South	1 vessel
Fair 20%	1	Fuzzy / 3	09 14:42:00 PST V Airship Helicopter Position: 174° / 400 m Direction: ni	1 vessel
Fair 20%	1	Fuzzy / 3	10 14:52:00 PST V Airship Helicopter Position: 174° / 200 m Direction: ni	1 vessel
Fair 20%	1	Fuzzy / 3	11 14:56:00 PST V Airship Helicopter Position: 174° / 400 m Direction: ni	1 vessel
Fair 20%	2	Fuzzy / 3	12 15:22:00 PST SD Pacific White-sided dolphin Position: 197° / 1106 m Direction: East; Behavior: Moderate travel	Total 2 — 0 Calves at sighting
Fair 20%	3	Fuzzy / 3	13 16:11:00 PST V Airship Helicopter Position: 174° / 300 m Direction: West	1 vessel
Poor 20%	3	Fuzzy / 2	14 16:37:00 PST V Oil services Crew boat Position: 280° / 3528 m Direction: South	1 vessel
Poor 20%	3	Fuzzy / 2	15 16:40:00 PST S Gray whale (northbound) Position: 233° / 3528 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Feb 15 Day 5 of 98				
CCvr	Bt	Horiz - Vis		
Good 60%	0	Fuzzy / 3	01 9:18:00 PST SD Bottlenose dolphin Position: 146° / 338 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 50% 0 Fuzzy / 3	02 10:55:00 PST	18:55-GMT SD Common dolphin, species not determined Position: 142° / 3528 m Direction: West; Behavior: Moderate travel • Parade Line	Total 250 — 0 Calves at sighting
Good 50% 0 Fuzzy / 3	03 11:38:00 PST	19:38-GMT V Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel
Good 80% 0 Fuzzy / 3	04 12:01:00 PST	20:01-GMT SD Common dolphin, species not determined Position: 207° / 1020 m Direction: East; Behavior: Moderate travel	Total 3 — 0 Calves at sighting
Good 50% 0 Fuzzy / 3	05 14:18:00 PST	22:18-GMT V Oil services Crew boat Position: 135° / 2749 m Direction: West	1 vessel
Good 50% 0 Fuzzy / 3	06 14:22:00 PST	22:22-GMT Images: 0910-14 V Private Sportfishing Position: 240° / 2749 m Direction: Still	1 vessel
Good 50% 0 Fuzzy / 3	07 14:28:00 PST	22:28-GMT SD Bottlenose dolphin Position: 191° / 307 m Direction: West; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Good 50% 0 Fuzzy / 3	08 14:32:00 PST	22:32-GMT Images: 0915-6 V Private Diving Position: 283° / 1483 m Direction: East	1 vessel
Good 50% 0 Fuzzy / 3	09 14:37:00 PST	22:37-GMT V Oil services Crew boat Position: 276° / 3088 m Direction: South	1 vessel
Good 50% 0 Fuzzy / 3	10 14:46:00 PST	22:46-GMT V Fish Commercial Net Mary K Position: 253° / 2260 m Direction: East	1 vessel
Good 70% 0 Fuzzy / 3	11 15:28:00 PST	23:28-GMT SD Common dolphin, species not determined Position: 248° / 913 m Direction: East; Behavior: Moderate travel • Leap	Total 400 — 0 Calves at sighting
Good 70% 0 Fuzzy / 3	12 15:29:00 PST	23:29-GMT SP Harbor seal Position: 248° / 275 m Direction: West; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Fair 90% 1 Fuzzy / 3	13 15:50:00 PST	23:50-GMT V Airship Helicopter Position: 174° / 300 m Direction: East	1 vessel
Fair 90% 1 Fuzzy / 3	14 15:56:00 PST	23:56-GMT V Fish Commercial Lobster/Crab L72681 Position: 268° / 1106 m Direction: East	1 vessel
Fair 90% 1 Fuzzy / 3	15 16:04:00 PST	0:04; 2/16/2013-GMT V Fish Commercial Urchin Diving Position: 132° / 3088 m Direction: West	1 vessel
Fair 90% 1 Fuzzy / 3	16 16:10:00 PST	0:10; 2/16/2013-GMT SP Harbor seal Position: 292° / 388 m Direction: West; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Fair 90% 1 Fuzzy / 3	17 16:29:00 PST	0:29; 2/16/2013-GMT SP Harbor seal Position: 220° / 258 m Direction: North; Behavior: Dive	Total 1 — 0 Pups at sighting
Fair 90% 1 Fuzzy / 3	18 16:30:00 PST	0:30; 2/16/2013-GMT V Fish Commercial Lobster/Crab L38294 Position: 227° / 946 m Direction: East	1 vessel

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CCvr Bft Horiz -Vis
Fair 90% 0 Fuzzy / 3

01 9:59:00 PST	17:59-GMT V Private Sportfishing Position: 258° / 1106 m Direction: East	1 vessel
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2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 90% 0 Fuzzy / 3	02 10:06:00 PST	18:06-GMT V Private Cruising Jet-ski Position: 149° / 550 m Direction: West	1 vessel
Fair 90% 0 Fuzzy / 3	03 10:10:00 PST	18:10-GMT SW Gray whale (southbound) Position: 147° / 539 m Direction: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 90% 0 Fuzzy / 3	04 10:36:00 PST	18:36-GMT SP Harbor seal Position: 132° / 220 m Direction: East; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Fair 90% 0 Fuzzy / 3	05 10:53:00 PST	18:53-GMT SP Harbor seal Position: 180° / 696 m Direction: East; Behavior: Slow travel • in kelp	Total 1 — 0 Pups at sighting
Fair 90% 0 Fuzzy / 3	06 11:06:00 PST	19:06-GMT SD Pacific White-sided dolphin Position: 253° / 1922 m Direction: West; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Fair 90% 0 Fuzzy / 3	07 11:31:00 PST	19:31-GMT SD Pacific White-sided dolphin Position: 238° / 1331 m Direction: East; Behavior: Foraging	Total 5 — 0 Calves at sighting
Fair 90% 0 Fuzzy / 3	08 11:35:00 PST	19:35-GMT SD Pacific White-sided dolphin Position: 270° / 1922 m Direction: East; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Fair 90% 0 Fuzzy / 3	09 11:48:00 PST	19:48-GMT V Private Cruising Position: 100° / 2749 m Direction: West	1 vessel
Fair 90% 0 Fuzzy / 3	10 11:49:00 PST	19:49-GMT V Oil services Crew boat Position: 287° / 3528 m Direction: South	1 vessel
Fair 90% 0 Fuzzy / 3	11 11:50:00 PST	19:50-GMT V Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel
Fair 90% 0 Fuzzy / 3	12 11:54:00 PST	19:54-GMT V Private Cruising Boston Whaler Position: 110° / 2260 m Direction: West	1 vessel
Fair 90% 0 Fuzzy / 3	13 12:13:00 PST	20:13-GMT SD Bottlenose dolphin Position: 217° / 240 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 90% 0 Fuzzy / 3	14 12:24:00 PST	20:24-GMT V Oil services Crew boat Position: 268° / 3088 m Direction: North	1 vessel
Fair 60% 0 Fuzzy / 3	15 13:09:00 PST	21:09-GMT SP Northern Elephant seal Position: 114° / 735 m Direction: Still; Behavior: No direction	Total 1 — 0 Pups at sighting
Fair 60% 0 Fuzzy / 3	16 13:26:00 PST	21:26-GMT V Private Sportfishing Position: 167° / 778 m Direction: East	1 vessel
Fair 60% 0 Fuzzy / 3	17 13:48:00 PST	21:48-GMT V Oil services Crew boat Position: 175° / 2749 m Direction: West	1 vessel
Fair 60% 0 Fuzzy / 3	18 13:57:00 PST	21:57-GMT V Private Cruising Guilty Position: 118° / 2749 m Direction: West	1 vessel
Fair 60% 0 Fuzzy / 3	19 14:05:00 PST	22:05-GMT SP Harbor seal Position: 132° / 194 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 60% 0 Fuzzy / 3	20 14:15:00 PST	22:15-GMT SD Bottlenose dolphin Position: 224° / 191 m Direction: Circling; Behavior: Foraging	Total 2 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 60% 0 Fuzzy / 3	21 14:16:00 PST	22:16-GMT V Fish Commercial Lobster/Crab Carol E L533-9 Position: 259° / 778 m Direction: East	1 vessel
Good 30% 0 Fuzzy / 3	22 14:21:00 PST	22:21-GMT SD Bottlenose dolphin Position: 213° / 264 m Direction: East; Behavior: No direction	Total 4 — 0 Calves at sighting
Good 30% 0 Fuzzy / 3	23 14:43:00 PST	22:43-GMT V Private Sportfishing Knotty Gal F5914KP Position: 99° / 1106 m Direction: North	1 vessel
Good 30% 0 Fuzzy / 3	24 14:49:00 PST	22:49-GMT V Airship Helicopter Position: 174° / 200 m Direction: West	1 vessel
Good 30% 0 Fuzzy / 3	25 14:56:00 PST	22:56-GMT SP Harbor seal Position: 133° / 946 m Direction: Still; Behavior: in open water	Total 1 — 0 Pups at sighting
Good 30% 0 Fuzzy / 3	26 14:58:00 PST	22:58-GMT SD Common dolphin, species not determined Position: 261° / 1483 m Direction: East; Behavior: Moderate travel • Leap	Total 500 — 0 Calves at sighting
Good 20% 0 Fuzzy / 3	27 15:08:00 PST	23:08-GMT V Private Cruising Position: 258° / 1674 m Direction: East	1 vessel
Good 20% 2 Sharp / 3	28 15:15:00 PST	23:15-GMT SP Harbor seal Position: 124° / 550 m Direction: East; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Good 20% 2 Sharp / 3	29 15:36:00 PST	23:36-GMT SP Harbor seal Position: 163° / 946 m Direction: Still; Behavior: in open water	Total 1 — 0 Pups at sighting
Good 20% 2 Sharp / 3	30 15:58:00 PST	23:58-GMT SD Pacific White-sided dolphin Position: 132° / 2260 m Direction: West; Behavior: Slow travel	Total 12 — 0 Calves at sighting
Good 20% 2 Sharp / 3	31 16:33:00 PST	0:33; 2/17/2013-GMT S Gray whale (northbound) Position: 112° / 5027 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting

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CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair 10%	0	Fuzzy / 3	01	9:18:00 PST	17:18-GMT SD Bottlenose dolphin Position: 162° / 946 m Direction: East; Behavior: Slow travel	Total 7 — 0 Calves at sighting
Fair 10%	0	Fuzzy / 3	02	9:36:00 PST	17:36-GMT V Private Sportfishing Position: 116° / 2260 m Direction: West	1 vessel
Fair 10%	0	Fuzzy / 3	03	9:44:00 PST	17:44-GMT V Private Sportfishing Boston Whaler Position: 274° / 913 m Direction: East	1 vessel
Fair 10%	0	Fuzzy / 3	04	9:55:00 PST	17:55-GMT V Private Sportfishing Position: 284° / 2260 m Direction: East	1 vessel
Good 10%	0	Fuzzy / 3	05	9:56:00 PST	17:56-GMT S Gray whale (northbound) Position: 123° / 5027 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 10%	0	Fuzzy / 3	06	10:12:00 PST	18:12-GMT SD Pacific White-sided dolphin Position: 134° / 1483 m Direction: West; Behavior: Slow travel • Foraging	Total 20 — 0 Calves at sighting
Good 10%	0	Fuzzy / 3	07	10:27:00 PST	18:27-GMT V Touring Whale watching Condor Express Position: 135° / 2749 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 10% 0 Fuzzy / 3	08 10:35:00 PST	18:35-GMT SD Common dolphin, species not determined Position: 146° / 3528 m Direction: West; Behavior: Moderate travel	Total 100 — 0 Calves at sighting
Good 10% 0 Fuzzy / 3	09 11:09:00 PST	19:09-GMT SD Common dolphin, species not determined Position: 237° / 2260 m Direction: East; Behavior: Moderate travel	Total 100 — 0 Calves at sighting
Good 10% 0 Fuzzy / 3	10 11:31:00 PST	19:31-GMT SW Gray whale (southbound) Position: 176° / 2260 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 10% 0 Fuzzy / 3	11 11:47:00 PST	19:47-GMT Images: 0926-0933, 0936-0939, 0945-0951, 0955 V Private Sportfishing Boston Whaler CF 0423HD 1 vessel Position: 114° / 1922 m Direction: West	
Good 10% 0 Fuzzy / 3	12 11:59:00 PST	19:59-GMT Images: 0934-5 V Private Sportfishing Defiance Position: 290° / 1674 m Direction: East	1 vessel
Good 10% 0 Fuzzy / 3	13 12:32:00 PST	20:32-GMT V Private Cruising Position: 102° / 2749 m Direction: West	1 vessel
Good 10% 0 Fuzzy / 3	14 12:41:00 PST	20:41-GMT V Private Cruising Sailboat Crazy Love Position: 264° / 2260 m Direction: East	1 vessel
Good 10% 1 Fuzzy / 3	15 13:15:00 PST	21:15-GMT V Oil services Crew boat Position: 278° / 3528 m Direction: South	1 vessel
Good 10% 3 Fuzzy / 3	16 13:55:00 PST	21:55-GMT V Oil services Crew boat Position: 153° / 3088 m Direction: West	1 vessel
Good 10% 3 Fuzzy / 3	17 14:08:00 PST	22:08-GMT V Oil services Crew boat Position: 269° / 3088 m Direction: South	1 vessel
Good 10% 3 Fuzzy / 3	18 14:18:00 PST	22:18-GMT V Private Cruising Guilty Position: 110° / 3088 m Direction: West	1 vessel
Good 10% 3 Fuzzy / 3	19 14:23:00 PST	22:23-GMT SD Common dolphin, species not determined Position: 174° / 883 m Direction: East; Behavior: Moderate travel • Foraging • Leap	Total 800 — 0 Calves at sighting
Good 10% 3 Fuzzy / 3	20 14:56:00 PST	22:56-GMT V Oil services Crew boat Position: 261° / 3088 m Direction: South	1 vessel
Fair 10% 3 Fuzzy / 3	21 15:05:00 PST	23:05-GMT Images: 0956-9 V Private Sportfishing Kayak/canoe Position: 103° / 913 m Direction: Still	1 vessel
Fair 10% 3 Fuzzy / 3	22 15:17:00 PST	23:17-GMT V Airship Helicopter Sheriff/County Position: 174° / 15 m Direction: East	1 vessel
Fair 10% 3 Fuzzy / 3	23 16:16:00 PST	0:16; 2/18/2013-GMT S Gray whale (northbound) Position: 233° / 3528 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 3	24 16:37:00 PST	0:37; 2/18/2013-GMT V Oil services Crew boat Position: 278° / 3528 m Direction: South	1 vessel

Feb 18 Day 8 of 98

CCvr	Bfr	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair	100%	2	Fuzzy / 3	01 9:03:00 PST	17:03-GMT V Oil services Crew boat Position: 234° / 2749 m Direction: Still	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 100% 2 Fuzzy / 3	02 9:11:00 PST V	17:11-GMT Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel
Fair 100% 2 Fuzzy / 3	03 9:55:00 PST SP	17:55-GMT Harbor seal Position: 251° / 455 m Direction: West; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Fair 100% 2 Fuzzy / 3	04 10:06:00 PST V	18:06-GMT Fish Commercial Lobster/Crab L24020 Position: 111° / 1922 m Direction: West	1 vessel
Fair 100% 3 Fuzzy / 3	05 10:11:00 PST SD	18:11-GMT Bottlenose dolphin Position: 187° / 275 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 100% 3 Fuzzy / 3	06 10:29:00 PST V	18:29-GMT Oil services Crew boat Position: 248° / 2749 m Direction: South	1 vessel
Fair 100% 3 Fuzzy / 3	07 10:42:00 PST V	18:42-GMT Fish Commercial Lobster/Crab L38294 Position: 104° / 2260 m Direction: West	1 vessel
Fair 100% 3 Fuzzy / 3	08 10:54:00 PST V	18:54-GMT Oil services Crew boat Position: 285° / 3528 m Direction: South	1 vessel
Fair 100% 2 Fuzzy / 3	09 11:43:00 PST V	19:43-GMT Oil services Oil-spill recovery Ocean Guardian Position: 177° / 3088 m Direction: West	1 vessel
Fair 100% 2 Fuzzy / 3	10 12:06:00 PST V	20:06-GMT Airship Helicopter SBOP Position: 174° / 200 m Direction: East	1 vessel
Fair 100% 3 Fuzzy / 3	11 12:32:00 PST V	20:32-GMT Airship Helicopter SBOP Position: 174° / 200 m Direction: West	1 vessel
Fair 100% 2 Fuzzy / 3	12 13:17:00 PST V	21:17-GMT Private Cruising Position: 216° / 2260 m Direction: West	1 vessel
Fair 100% 2 Fuzzy / 3	13 13:34:00 PST V	21:34-GMT Touring Whale watching Condor Express Position: 278° / 2749 m Direction: East	1 vessel
Fair 100% 2 Fuzzy / 3	14 14:15:00 PST SP	22:15-GMT Harbor seal Position: 139° / 388 m Direction: West; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Good 90% 1 Sharp / 3	15 14:48:00 PST V	22:48-GMT Fish Commercial Lobster/Crab Kaylee J Position: 269° / 2749 m Direction: East	1 vessel
Good 90% 1 Sharp / 3	16 14:50:00 PST V	22:50-GMT Oil services Crew boat Position: 289° / 3528 m Direction: South	1 vessel
Good 90% 1 Sharp / 3	17 15:15:00 PST SD	23:15-GMT Bottlenose dolphin Position: 145° / 471 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good 90% 1 Sharp / 3	18 15:31:00 PST V	23:31-GMT Private Cruising Position: 287° / 3088 m Direction: East	1 vessel
Good 90% 1 Sharp / 3	19 15:33:00 PST V	23:33-GMT Private Cruising Position: 278° / 2260 m Direction: East	1 vessel
Good 90% 1 Sharp / 3	20 15:44:00 PST SP	23:44-GMT Harbor seal Position: 217° / 330 m Direction: East; Behavior: Dive • in open water	Total 1 — 0 Pups at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 90% 1 Sharp / 3	21 15:56:00 PST	23:56-GMT V Private Cruising Position: 295° / 2260 m Direction: East	1 vessel
Good 90% 1 Sharp / 3	22 16:25:00 PST	0:25; 2/19/2013-GMT SD Pacific White-sided dolphin Position: 235° / 827 m Direction: East; Behavior: Moderate travel • Leap	Total 20 — 0 Calves at sighting
Good 90% 1 Sharp / 3	23 16:27:00 PST	0:27; 2/19/2013-GMT V Oil services Crew boat Position: 277° / 3528 m Direction: South	1 vessel
Good 90% 1 Sharp / 3	24 16:38:00 PST	0:38; 2/19/2013-GMT SP Harbor seal Position: 219° / 70 m Direction: West; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Good 80% 1 Sharp / 3	25 16:49:00 PST	0:49; 2/19/2013-GMT SP Harbor seal Position: 170° / 235 m Direction: West; Behavior: Slow travel • in open water	Total 1 — 0 Pups at sighting

Feb 19 Day 9 of 98

CCvr	Bft	Horiz-Vis	Number	Time Code	Species / Vessel Type	
Fair 90%	1	Fuzzy / 3	01	9:03:00 PST	17:03-GMT SD Bottlenose dolphin Position: 135° / 528 m Direction: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair 90%	1	Fuzzy / 3	02	9:13:00 PST	17:13-GMT V Oil services Crew boat Position: 292° / 3528 m Direction: North	1 vessel
Fair 90%	1	Fuzzy / 3	03	9:14:00 PST	17:14-GMT V Oil services Crew boat Position: 288° / 3528 m Direction: North	1 vessel
Fair 90%	1	Fuzzy / 3	04	9:15:00 PST	17:15-GMT SD Common dolphin, species not determined Position: 127° / 1922 m Direction: West; Behavior: Slow travel	Total 100 — 0 Calves at sighting
Fair 90%	1	Fuzzy / 3	05	9:27:00 PST	17:27-GMT S Gray whale (northbound) Position: 167° / 3528 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 70%	1	Fuzzy / 3	06	10:48:00 PST	18:48-GMT V Oil services Crew boat Position: 282° / 3528 m Direction: South	1 vessel
Fair 70%	1	Fuzzy / 3	07	11:10:00 PST	19:10-GMT V Oil services Crew boat Position: 286° / 3528 m Direction: South	1 vessel
Fair 70%	1	Fuzzy / 3	08	11:23:00 PST	19:23-GMT SP Harbor seal Position: 188° / 75 m Direction: East; Behavior: Dive • in surf zone	Total 1 — 0 Pups at sighting
Fair 60%	3	Fuzzy / 3	09	11:41:00 PST	19:41-GMT SD Bottlenose dolphin Position: 142° / 388 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 60%	3	Fuzzy / 3	10	12:01:00 PST	20:01-GMT V Airship Helicopter Position: 174° / 70 m Direction: East	1 vessel
Fair 60%	3	Sharp / 3	11	12:13:00 PST	20:13-GMT V Oil services Crew boat Position: 274° / 3528 m Direction: North	1 vessel
Fair 60%	3	Sharp / 3	12	12:31:00 PST	20:31-GMT V Airship Helicopter Position: 174° / 250 m Direction: West	1 vessel
Fair 60%	3	Sharp / 3	13	12:40:00 PST	20:40-GMT V Touring Whale watching Condor Express Position: 104° / 3088 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Feb 21 Day 11 of 98			
CCvr	Bft	Horiz-Vis	
Good 10%	2	Sharp / 3	
01	9:02:00 PST	17:02-GMT S Gray whale (northbound) Position: 154° / 913 m Direction: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Good 10%	2	Sharp / 3	
02	9:14:00 PST	17:14-GMT SD Common dolphin, species not determined Position: 144° / 1483 m Direction: West; Behavior: Moderate travel	Total 50 — 0 Calves at sighting
Good 10%	2	Sharp / 3	
03	9:15:00 PST	17:15-GMT SD Pacific White-sided dolphin Position: 256° / 946 m Direction: East; Behavior: Moderate travel	Total 12 — 0 Calves at sighting
Good 10%	2	Sharp / 3	
04	9:27:00 PST	17:27-GMT V Research Diving UCSB Position: 102° / 1483 m Direction: Still	1 vessel
Excellent 10%	0	Sharp / 3	
05	9:42:00 PST	17:42-GMT S Gray whale (northbound) Position: 107° / 3528 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Excellent 10%	0	Sharp / 3	
06	9:59:00 PST	17:59-GMT V Airship Helicopter SBOP Position: 174° / 150 m Direction: West	1 vessel
Excellent 10%	0	Sharp / 3	
07	10:40:00 PST	18:40-GMT V Oil services Crew boat Position: 294° / 3528 m Direction: South	1 vessel
Excellent 10%	0	Sharp / 3	
08	10:43:00 PST	18:43-GMT V Fish Commercial Sportfishing Stardust Position: 108° / 2749 m Direction: West	1 vessel
Excellent 10%	0	Sharp / 3	
09	10:57:00 PST	18:57-GMT V Oil services Crew boat Position: 274° / 3528 m Direction: South	1 vessel
Excellent 10%	0	Sharp / 3	
10	11:07:00 PST	19:07-GMT S Gray whale (northbound) Position: 198° / 508 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Excellent 10%	0	Sharp / 3	
11	11:08:00 PST	19:08-GMT SD Pacific White-sided dolphin Position: 210° / 1106 m Direction: East; Behavior: Slow travel	Total 10 — 0 Calves at sighting
Excellent 10%	1	Sharp / 3	
12	12:17:00 PST	20:17-GMT V Oil services Crew boat Position: 279° / 3528 m Direction: North	1 vessel
Excellent 10%	1	Sharp / 3	
13	12:30:00 PST	20:30-GMT V Oil services Crew boat Position: 135° / 3088 m Direction: West	1 vessel
Excellent 20%	2	Fuzzy / 3	
14	13:11:00 PST	21:11-GMT V Oil services Crew boat Position: 258° / 3088 m Direction: South	1 vessel
Excellent 20%	1	Sharp / 3	
15	13:29:00 PST	21:29-GMT <i>Images: 0969</i> S Gray whale (northbound) Position: 101° / 3528 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Excellent 20%	1	Sharp / 3	
16	13:30:00 PST	21:30-GMT V Airship Helicopter SBOP Position: 174° / 200 m Direction: ni	1 vessel
Excellent 20%	1	Sharp / 3	
17	14:21:00 PST	22:21-GMT SD Common dolphin, species not determined Position: 186° / 946 m Direction: East; Behavior: Foraging	Total 60 — 0 Calves at sighting
Fair 10%	4	Fuzzy / 2	
18	15:45:00 PST	23:45-GMT S Gray whale (northbound) Position: 212° / 3528 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 10% 3 Fuzzy / 2	19 16:17:00 PST SW	0:17; 2/22/2013-GMT unidentified large whale Position: 179° / 5027 m Direction: West	Total 2 — 0 Calves at sighting
Feb 22 Day 12 of 98			
CCvr Bt Horiz - Vis			
Fair 20% 2 Fuzzy / 3	01 9:12:00 PST S	17:12-GMT Gray whale (northbound) Position: 157° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 20% 2 Fuzzy / 3	02 9:41:00 PST V	17:41-GMT Fish Commercial Net Cecelia Position: 105° / 3088 m Direction: West	1 vessel
Fair 20% 2 Fuzzy / 3	03 9:42:00 PST S	17:42-GMT Gray whale (northbound) Position: 107° / 2260 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 3	04 10:20:00 PST V	18:20-GMT Images: 0970-75 Airship Airplane Military Position: 174° / 250 m Direction: East	1 vessel
Fair 20% 3 Fuzzy / 3	05 10:26:00 PST V	18:26-GMT Oil services Crew boat Position: 281° / 3528 m Direction: South	1 vessel
Good 20% 2 Sharp / 3	06 10:38:00 PST SD	18:38-GMT Pacific White-sided dolphin Position: 248° / 3088 m Direction: East; Behavior: Moderate travel	Total 15 — 0 Calves at sighting
Good 20% 2 Sharp / 3	07 10:49:00 PST SP	18:49-GMT Harbor seal Position: 112° / 946 m Direction: North; Behavior: Slow travel • in kelp	Total 1 — 0 Pups at sighting
Good 20% 0 Fuzzy / 3	08 11:40:00 PST V	19:40-GMT Oil services Crew boat Position: 275° / 3528 m Direction: South	1 vessel
Good 20% 0 Fuzzy / 3	09 11:44:00 PST V	19:44-GMT Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel
Good 20% 0 Fuzzy / 3	10 12:49:00 PST SD	20:49-GMT Bottlenose dolphin Position: 165° / 322 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 20% 0 Fuzzy / 3	11 12:55:00 PST SP	20:55-GMT Harbor seal Position: 254° / 550 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good 20% 0 Fuzzy / 3	12 12:57:00 PST V	20:57-GMT Airship Helicopter SBOP Position: 174° / 300 m Direction: East	1 vessel
Good 20% 0 Fuzzy / 3	13 13:05:00 PST V	21:05-GMT Touring Whale watching Condor Express Position: 199° / 3088 m Direction: West	1 vessel
Good 20% 0 Fuzzy / 3	14 13:13:00 PST V	21:13-GMT Oil services Crew boat Position: 174° / 2260 m Direction: West	1 vessel
Good 20% 0 Fuzzy / 3	15 13:35:00 PST V	21:35-GMT Airship Helicopter SBOP Position: 174° / 200 m Direction: East	1 vessel
Good 20% 0 Fuzzy / 3	16 13:50:00 PST SD	21:50-GMT Common dolphin, species not determined Position: 195° / 3088 m Direction: East; Behavior: Moderate travel • Parade Line	Total 500 — 0 Calves at sighting
Good 20% 0 Fuzzy / 3	17 14:20:00 PST S	22:20-GMT Gray whale (northbound) Position: 190° / 3088 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 20% 0 Fuzzy / 3	18 14:43:00 PST	22:43-GMT SD Common dolphin, species not determined Position: 239° / 778 m Direction: North; Behavior: Moderate travel • Leap	Total 500 — 0 Calves at sighting
Good 20% 0 Fuzzy / 3	19 14:43:00 PST	22:43-GMT V Oil services Crew boat Position: 280° / 3528 m Direction: South	1 vessel
Good 20% 0 Fuzzy / 3	20 14:47:00 PST	22:47-GMT SP Harbor seal Position: 229° / 489 m Direction: Still; Behavior: in open water	Total 1 — 0 Pups at sighting
Good 20% 0 Fuzzy / 3	21 15:05:00 PST	23:05-GMT V Fish Commercial Lobster/Crab L72681 Position: 271° / 913 m Direction: East	1 vessel
Good 20% 0 Fuzzy / 3	22 15:10:00 PST	23:10-GMT SD Bottlenose dolphin Position: 127° / 778 m Direction: West; Behavior: Leap	Total 2 — 0 Calves at sighting
Good 20% 0 Fuzzy / 3	23 15:11:00 PST	23:11-GMT V Fish Commercial Lobster/Crab L533-9 Position: 275° / 883 m Direction: East	1 vessel
Good 20% 0 Fuzzy / 3	24 15:12:00 PST	23:12-GMT V Airship Helicopter SBOP Position: 174° / 200 m Direction: West	1 vessel
Good 20% 0 Fuzzy / 3	25 15:28:00 PST	23:28-GMT SD Bottlenose dolphin Position: 149° / 253 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good 20% 0 Fuzzy / 3	26 15:41:00 PST	23:41-GMT SD Bottlenose dolphin Position: 137° / 382 m Direction: West; Behavior: Slow travel	Total 8 — 0 Calves at sighting
Good 20% 0 Fuzzy / 3	27 15:55:00 PST	23:55-GMT V Fish Commercial Lobster/Crab L38294 Position: 270° / 2260 m Direction: East	1 vessel
Good 20% 0 Fuzzy / 3	28 16:06:00 PST	0:06; 2/23/2013-GMT V Oil services Crew boat Position: 283° / 3528 m Direction: South	1 vessel
Good 20% 0 Fuzzy / 3	29 16:16:00 PST	0:16; 2/23/2013-GMT V Oil services Crew boat Position: 286° / 3528 m Direction: South	1 vessel

Feb 23 Day 13 of 98

CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair 20%	2	Fuzzy / 2	01	8:44:00 PST	16:44-GMT S Gray whale (northbound) Position: 171° / 1922 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 20%	2	Fuzzy / 2	02	9:15:00 PST	17:15-GMT SD Common dolphin, species not determined Position: 192° / 1106 m Direction: East; Behavior: Foraging • Leap	Total 5 — 0 Calves at sighting
Fair 20%	4	Fuzzy / 2	03	10:15:00 PST	18:15-GMT Images: 0976-0981 V Fish Commercial Lobster/Crab Position: 109° / 2749 m Direction: West	1 vessel
Fair 20%	4	Fuzzy / 2	04	10:31:00 PST	18:31-GMT SP Harbor seal Position: 117° / 347 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting

Feb 24 Day 14 of 98

CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair 10%	0	Sharp / 3	01	9:42:00 PST	17:42-GMT V Oil services Crew boat Position: 234° / 2749 m Direction: Still	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 10% 1 Sharp / 3	02 9:47:00 PST	17:47-GMT Images: 0986-0991 S Gray whale (northbound) Position: 110° / 5027 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good 10% 1 Sharp / 3	03 9:54:00 PST	17:54-GMT V Private Sportfishing Position: 142° / 3088 m Direction: West	1 vessel
Good 10% 1 Sharp / 3	04 10:00:00 PST	18:00-GMT V Private Cruising Sailboat Bamboo Position: 114° / 3088 m Direction: West	1 vessel
Good 10% 1 Sharp / 3	05 10:09:00 PST	18:09-GMT V Oil services Crew boat Position: 286° / 3528 m Direction: South	1 vessel
Good 10% 1 Sharp / 3	06 11:30:00 PST	19:30-GMT V Oil services Crew boat Position: 276° / 3528 m Direction: South	1 vessel
Good 10% 1 Sharp / 3	07 11:50:00 PST	19:50-GMT V Oil services Crew boat Position: 290° / 3528 m Direction: South	1 vessel
Good 10% 0 Sharp / 3	08 12:27:00 PST	20:27-GMT V Airship Helicopter SBOP Position: 174° / 300 m Direction: East	1 vessel
Good 10% 0 Sharp / 3	09 12:30:00 PST	20:30-GMT V Touring Whale watching Condor Express Position: 111° / 3088 m Direction: West	1 vessel
Good 10% 0 Sharp / 3	10 12:36:00 PST	20:36-GMT V Airship Helicopter SBOP Position: 174° / 250 m Direction: East	1 vessel
Good 10% 0 Sharp / 3	11 12:46:00 PST	20:46-GMT SD Common dolphin, species not determined Position: 146° / 1922 m Direction: West; Behavior: Moderate travel • Foraging	Total 500 — 0 Calves at sighting
Good 10% 0 Sharp / 3	12 13:03:00 PST	21:03-GMT SD Common dolphin, species not determined Position: 284° / 1674 m Direction: Circling; Behavior: Foraging	Total 200 — 0 Calves at sighting
Good 10% 0 Sharp / 3	13 13:29:00 PST	21:29-GMT V Oil services Crew boat Position: 275° / 3528 m Direction: North	1 vessel
Excellent 10% 0 Sharp / 3	14 14:57:00 PST	22:57-GMT SW unidentified large whale Position: 128° / 5027 m Direction: nd; Behavior: No direction	Total 1 — 0 Calves at sighting
Excellent 10% 0 Sharp / 3	15 15:01:00 PST	23:01-GMT V Fish Commercial Lobster/Crab L38294 Position: 226° / 696 m Direction: East	1 vessel
Excellent 10% 0 Sharp / 3	16 15:33:00 PST	23:33-GMT V Oil services Crew boat Position: 153° / 3528 m Direction: West	1 vessel
Good 10% 2 Sharp / 3	17 15:52:00 PST	23:52-GMT SD Bottlenose dolphin Position: 153° / 223 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good 10% 2 Sharp / 3	18 15:54:00 PST	23:54-GMT V Oil services Crew boat Position: 250° / 3528 m Direction: South	1 vessel
Good 10% 2 Sharp / 3	19 16:07:00 PST	0:07; 2/25/2013-GMT S Gray whale (northbound) Position: 193° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 10% 3 Sharp / 3	20 16:39:00 PST	0:39; 2/25/2013-GMT V Oil services Crew boat Position: 280° / 3528 m Direction: South	1 vessel

2013 All Sighting Numbers, raw

Number	Time	Species / Vessel Type	
	Code		
Fair 10% 3 Sharp / 3	21 16:48:00 PST	0:48; 2/25/2013-GMT Harbor seal Position: 188° / 185 m Direction: West; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Feb 25 Day 15 of 98			
CCvr Bft Horiz - Vis			
Fair 10% 1 Fuzzy / 3	01 9:48:00 PST	17:48-GMT Oil services Crew boat Position: 234° / 2749 m Direction: Still	1 vessel
Fair 10% 1 Fuzzy / 3	02 10:08:00 PST	18:08-GMT Harbor seal Position: 130° / 330 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 10% 1 Fuzzy / 3	03 10:11:00 PST	18:11-GMT Oil services Crew boat Position: 233° / 2749 m Direction: Still	1 vessel
Fair 10% 2 Fuzzy / 3	04 10:21:00 PST	18:21-GMT Oil services Oil-spill recovery Position: 225° / 3088 m Direction: East	1 vessel
Fair 10% 2 Fuzzy / 3	05 10:23:00 PST	18:23-GMT Fish Commercial Lobster/Crab L24020 Position: 116° / 1922 m Direction: West	1 vessel
Fair 10% 2 Fuzzy / 3	06 10:28:00 PST	18:28-GMT Fish Commercial Net Cecelia 262180 Position: 126° / 3088 m Direction: West	1 vessel
Fair 10% 2 Fuzzy / 3	07 10:44:00 PST	18:44-GMT Private Cruising Islander Position: 115° / 2260 m Direction: West	1 vessel
Fair 10% 2 Fuzzy / 3	08 10:49:00 PST	18:49-GMT Private Cruising Sailboat motoring Position: 230° / 2260 m Direction: East	1 vessel
Good 10% 1 Sharp / 3	09 11:57:00 PST	19:57-GMT Gray whale (northbound) Position: 156° / 1106 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 10% 1 Sharp / 3	10 12:00:00 PST	20:00-GMT Airship Helicopter SBOP Position: 174° / 250 m Direction: East	1 vessel
Good 10% 1 Sharp / 3	11 12:37:00 PST	20:37-GMT Oil services Crew boat Position: 287° / 3528 m Direction: South	1 vessel
Good 10% 1 Sharp / 3	12 12:59:00 PST	20:59-GMT Touring Whale watching Condor Express Position: 142° / 3088 m Direction: East	1 vessel
Good 10% 1 Sharp / 3	13 13:14:00 PST	21:14-GMT Oil services Oil-spill recovery Position: 134° / 3088 m Direction: West	1 vessel
Good 10% 1 Sharp / 3	14 13:43:00 PST	21:43-GMT Harbor seal Position: 160° / 696 m Direction: East; Behavior: Slow travel • in open water	Total 1 — 0 Pups at sighting
Good 10% 1 Fuzzy / 3	15 14:23:00 PST	22:23-GMT Harbor seal Position: 118° / 550 m Direction: East; Behavior: Slow travel • in open water	Total 1 — 0 Pups at sighting
Good 10% 1 Fuzzy / 3	16 14:53:00 PST	22:53-GMT Gray whale (northbound) Position: 141° / 5027 m Direction: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair 70% 1 Fuzzy / 3	17 15:58:00 PST	23:58-GMT Airship Helicopter SBOP Position: 174° / 300 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 70% 1 Fuzzy / 3	18 16:10:00 PST	0:10; 2/26/2013-GMT Harbor seal	Total 1 — 0 Pups at sighting Position: 210° / 235 m Direction: East; Behavior: Slow travel • in surf zone
Fair 70% 1 Fuzzy / 3	19 16:30:00 PST	0:30; 2/26/2013-GMT Airship Helicopter SBOP	1 vessel Position: 174° / 300 m Direction: West
Fair 70% 1 Fuzzy / 3	20 16:47:00 PST	0:47; 2/26/2013-GMT Oil services Crew boat	1 vessel Position: 275° / 3528 m Direction: South
Fair 70% 1 Fuzzy / 3	21 16:55:00 PST	0:55; 2/26/2013-GMT Bottlenose dolphin	Total 6 — 0 Calves at sighting Position: 121° / 696 m Direction: West; Behavior: No direction

Feb 26 Day 16 of 98

CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair 30%	2	Fuzzy / 3	01	9:11:00 PST	17:11-GMT Oil services Crew boat	1 vessel Position: 234° / 2749 m Direction: Still
Fair 30%	3	Fuzzy / 3	02	9:30:00 PST	17:30-GMT Gray whale (northbound)	Total 1 — 0 Calves at sighting Position: 141° / 3528 m Direction: West; Behavior: Slow travel
Fair 20%	3	Fuzzy / 3	03	10:23:00 PST	18:23-GMT Oil services Crew boat	1 vessel Position: 288° / 3528 m Direction: South
Fair 20%	2	Fuzzy / 3	04	10:36:00 PST	18:36-GMT Oil services Crew boat	1 vessel Position: 291° / 3528 m Direction: South
Good 20%	1	Fuzzy / 3	05	11:16:00 PST	19:16-GMT Harbor seal	Total 1 — 0 Pups at sighting Position: 187° / 60 m Direction: East; Behavior: Slow travel • in surf zone
Good 20%	1	Fuzzy / 3	06	11:54:00 PST	19:54-GMT Bottlenose dolphin	Total 6 — 0 Calves at sighting Position: 173° / 471 m Direction: East; Behavior: Slow travel
Good 20%	1	Fuzzy / 3	07	12:03:00 PST	20:03-GMT Oil services Crew boat	1 vessel Position: 270° / 3528 m Direction: North
Good 20%	1	Fuzzy / 3	08	12:32:00 PST	20:32-GMT Oil services Crew boat	1 vessel Position: 291° / 3528 m Direction: South
Good 20%	1	Fuzzy / 3	09	12:36:00 PST	20:36-GMT Harbor seal	Total 1 — 0 Pups at sighting Position: 126° / 471 m Direction: Still; Behavior: in kelp
Good 10%	2	Fuzzy / 3	10	13:50:00 PST	21:50-GMT Bottlenose dolphin	Total 2 — 0 Calves at sighting Position: 182° / 280 m Direction: East; Behavior: Slow travel
Good 10%	2	Fuzzy / 3	11	13:57:00 PST	21:57-GMT Bottlenose dolphin	Total 2 — 0 Calves at sighting Position: 188° / 447 m Direction: East; Behavior: Slow travel
Good 10%	3	Fuzzy / 3	12	14:30:00 PST	22:30-GMT Oil services Crew boat	1 vessel Position: 289° / 3528 m Direction: South
Good 10%	3	Fuzzy / 3	13	15:08:00 PST	23:08-GMT Bottlenose dolphin	Total 5 — 0 Calves at sighting Position: 221° / 300 m Direction: East; Behavior: Slow travel
Good 10%	3	Fuzzy / 3	14	15:16:00 PST	23:16-GMT Fish Commercial Net New Hazzard	1 vessel Position: 265° / 3088 m Direction: East

2013 All Sighting Numbers, raw

Number	Time	Species / Vessel Type	
Good 10% 3 Fuzzy / 3	15 15:36:00 PST	23:36-GMT S Gray whale (northbound) Position: 165° / 3088 m Direction: West; Behavior: Slow travel • Fluke	Total 4 — 0 Calves at sighting
Good 10% 0 Fuzzy / 3	16 16:09:00 PST	0:09; 2/27/2013-GMT SD Common dolphin, species not determined Position: 224° / 1922 m Direction: North; Behavior: Moderate travel • Foraging • Leap	Total 400 — 0 Calves at sighting
Good 10% 0 Fuzzy / 3	17 16:21:00 PST	0:21; 2/27/2013-GMT V Airship Helicopter Coast Guard Position: 174° / 75 m Direction: East	1 vessel
Good 10% 0 Fuzzy / 3	18 16:37:00 PST	0:37; 2/27/2013-GMT V Oil services Crew boat Position: 286° / 3088 m Direction: South	1 vessel
Good 10% 0 Fuzzy / 3	19 16:56:00 PST	0:56; 2/27/2013-GMT V Fish Commercial Urchin Diving Sea Fever Position: 284° / 2260 m Direction: East	1 vessel

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CCvr	Bft	Horiz-Vis	Number	Time	Species / Vessel Type	
Good 30%	0	Fuzzy / 3	01	9:06:00 PST	17:06-GMT V Research Diving UCSB Position: 254° / 489 m Direction: Still	1 vessel
Good 30%	0	Fuzzy / 3	02	9:32:00 PST	17:32-GMT V Oil services Crew boat Position: 221° / 3088 m Direction: East	1 vessel
Good 30%	0	Fuzzy / 3	03	9:34:00 PST	17:34-GMT V Oil services Crew boat Position: 271° / 3528 m Direction: North	1 vessel
Good 30%	0	Fuzzy / 3	04	10:03:00 PST	18:03-GMT SP Harbor seal Position: 179° / 231 m Direction: East; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Good 30%	0	Fuzzy / 3	05	10:10:00 PST	18:10-GMT SP Harbor seal Position: 229° / 50 m Direction: East; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Good 30%	0	Fuzzy / 3	06	10:16:00 PST	18:16-GMT SD Common dolphin, species not determined Position: 229° / 1106 m Direction: East; Behavior: Foraging	Total 700 — 0 Calves at sighting
Good 30%	0	Fuzzy / 3	07	10:31:00 PST	18:31-GMT V Oil services Crew boat Position: 282° / 3088 m Direction: South	1 vessel
Good 30%	0	Fuzzy / 3	08	10:41:00 PST	18:41-GMT SD Common dolphin, species not determined Position: 262° / 2749 m Direction: East; Behavior: Chorus Line	Total 1000 — 0 Calves at sighting
Good 30%	0	Fuzzy / 3	09	10:46:00 PST	18:46-GMT V Oil services Crew boat Position: 285° / 3528 m Direction: South	1 vessel
Good 30%	0	Fuzzy / 3	10	11:06:00 PST	19:06-GMT SP Harbor seal Position: 184° / 183 m Direction: East; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Good 30%	0	Fuzzy / 3	11	11:11:00 PST	19:11-GMT V Oil services Crew boat Position: 268° / 3088 m Direction: North	1 vessel
Good 30%	0	Fuzzy / 3	12	12:03:00 PST	20:03-GMT SD Bottlenose dolphin Position: 210° / 296 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 30%	0	Fuzzy / 3	13	12:08:00 PST	20:08-GMT SP Harbor seal Position: 236° / 183 m Direction: East; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 30% 0 Fuzzy / 3	14 12:13:00 PST	20:13-GMT S Gray whale (northbound) Position: 121° / 3528 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 30% 0 Fuzzy / 3	15 12:29:00 PST	20:29-GMT V Oil services Crew boat Position: 263° / 3088 m Direction: South	1 vessel
Good 30% 0 Fuzzy / 3	16 12:39:00 PST	20:39-GMT V Touring Whale watching Condor Express Position: 133° / 3528 m Direction: West	1 vessel
Good 10% 1 Fuzzy / 3	17 13:07:00 PST	21:07-GMT S Gray whale (northbound) Position: 224° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 10% 1 Fuzzy / 3	18 13:15:00 PST	21:15-GMT SD Common dolphin, species not determined Position: 204° / 913 m Direction: West; Behavior: Slow travel • Foraging	Total 150 — 0 Calves at sighting
Good 10% 1 Fuzzy / 3	19 13:25:00 PST	21:25-GMT SD Common dolphin, species not determined Position: 204° / 1106 m Direction: West; Behavior: Foraging	Total 50 — 0 Calves at sighting
Good 10% 2 Fuzzy / 3	20 13:47:00 PST	21:47-GMT V Fish Commercial Net Position: 142° / 3088 m Direction: West	1 vessel
Good 10% 2 Fuzzy / 3	21 13:56:00 PST	21:56-GMT V Oil services Crew boat Position: 146° / 3528 m Direction: West	1 vessel
Good 10% 2 Fuzzy / 3	22 14:36:00 PST	22:36-GMT V Oil services Crew boat Position: 286° / 3528 m Direction: South	1 vessel
Good 10% 2 Fuzzy / 3	23 14:59:00 PST	22:59-GMT S Gray whale (northbound) Position: 171° / 3528 m Direction: West; Behavior: Slow travel • Fluke	Total 4 — 0 Calves at sighting
Good 10% 2 Fuzzy / 3	24 15:00:00 PST	23:00-GMT SD Common dolphin, species not determined Position: 171° / 3528 m Direction: West; Behavior: Foraging	Total 50 — 0 Calves at sighting
Good 10% 2 Fuzzy / 3	25 15:23:00 PST	23:23-GMT SD Common dolphin, species not determined Position: 186° / 778 m Direction: East; Behavior: Foraging	Total 50 — 0 Calves at sighting
Good 10% 1 Fuzzy / 3	26 16:06:00 PST	0:06; 2/28/2013-GMT SP Harbor seal Position: 174° / 539 m Direction: Still; Behavior: in open water	Total 1 — 0 Pups at sighting
Good 10% 1 Fuzzy / 3	27 16:13:00 PST	0:13; 2/28/2013-GMT V Private Cruising Position: 279° / 1922 m Direction: East	1 vessel
Feb 28 Day 18 of 98			
CCvr Bfr Horiz - Vis			
Good 10% 0 Fuzzy / 3	01 9:06:00 PST	17:06-GMT Images: 1047-1055 S Gray whale (northbound) Position: 126° / 1106 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 10% 1 Fuzzy / 3	02 9:23:00 PST	17:23-GMT V Oil services Crew boat Position: 291° / 3528 m Direction: North	1 vessel
Good 10% 1 Fuzzy / 3	03 9:23:00 PST	17:23-GMT V Oil services Crew boat Position: 240° / 2749 m Direction: Still	1 vessel
Good 10% 1 Fuzzy / 3	04 10:05:00 PST	18:05-GMT Images: 1056-7 V Fish Commercial Net Pieface 268210 Position: 268° / 3088 m Direction: East	1 vessel

2013 All Sighting Numbers, raw

Number	Time	Species / Vessel Type	
	Code		
Good 10% 1 Fuzzy / 3	05 10:16:00 PST	18:16-GMT V Oil services Crew boat Position: 260° / 3088 m Direction: South	1 vessel
Good 10% 1 Fuzzy / 3	06 10:23:00 PST	18:23-GMT V Oil services Crew boat Position: 282° / 3528 m Direction: South	1 vessel
Good 10% 1 Fuzzy / 3	07 10:28:00 PST	18:28-GMT V Research Diving UCSB Position: 107° / 2749 m Direction: North	1 vessel
Good 10% 0 Fuzzy / 3	08 10:29:00 PST	18:29-GMT SP Harbor seal Position: 198° / 197 m Direction: East; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Good 10% 0 Fuzzy / 3	09 10:58:00 PST	18:58-GMT V Private Cruising Position: 157° / 3528 m Direction: West	1 vessel
Fair 10% 0 Fuzzy / 3	10 12:10:00 PST	20:10-GMT V Oil services Crew boat Position: 269° / 3528 m Direction: North	1 vessel
Fair 10% 0 Fuzzy / 3	11 12:20:00 PST	20:20-GMT V Oil services Crew boat Position: 284° / 3528 m Direction: South	1 vessel
Fair 10% 0 Fuzzy / 3	12 12:22:00 PST	20:22-GMT SD Common dolphin, species not determined Position: 134° / 1331 m Direction: West; Behavior: Moderate travel • Leap	Total 20 — 0 Calves at sighting
Fair 10% 0 Fuzzy / 3	13 12:39:00 PST	20:39-GMT SP Harbor seal Position: 170° / 600 m Direction: West; Behavior: Slow travel • in open water	Total 1 — 0 Pups at sighting
Good 10% 0 Fuzzy / 3	14 14:28:00 PST	22:28-GMT Images: 1101-5 S Gray whale (northbound) Position: 109° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 10% 0 Fuzzy / 3	15 14:33:00 PST	22:33-GMT V Oil services Crew boat Position: 291° / 3528 m Direction: South	1 vessel
Good 10% 0 Fuzzy / 3	16 15:08:00 PST	23:08-GMT V Oil services Crew boat Position: 277° / 3528 m Direction: South	1 vessel
Good 10% 0 Fuzzy / 3	17 15:18:00 PST	23:18-GMT SP Harbor seal Position: 125° / 574 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 20% 0 Fuzzy / 3	18 15:49:00 PST	23:49-GMT SP Harbor seal Position: 177° / 356 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 20% 0 Fuzzy / 3	19 16:07:00 PST	0:07; 3/1/2013-GMT V Fish Commercial Lobster/Crab L72681 Position: 276° / 1483 m Direction: East	1 vessel
Fair 20% 0 Fuzzy / 3	20 16:17:00 PST	0:17; 3/1/2013-GMT S Gray whale (northbound) Position: 196° / 1483 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 20% 0 Fuzzy / 3	21 16:22:00 PST	0:22; 3/1/2013-GMT V Fish Commercial Net New Hazzard Position: 218° / 1922 m Direction: East	1 vessel
Fair 20% 0 Fuzzy / 3	22 16:40:00 PST	0:40; 3/1/2013-GMT V Oil services Crew boat Position: 285° / 3528 m Direction: South	1 vessel
Fair 20% 0 Fuzzy / 3	23 16:53:00 PST	0:53; 3/1/2013-GMT V Oil services Crew boat Position: 153° / 3528 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 20% 0 Fuzzy / 3	24 16:59:00 PST	0:59; 3/1/2013-GMT Images: 1110-12 S Gray whale (northbound) Position: 114° / 3088 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 20% 0 Fuzzy / 3	25 17:09:00 PST	1:09; 3/1/2013-GMT V Private Cruising Position: 125° / 2260 m Direction: West	1 vessel
Mar 01 Day 19 of 98			
CCvr Bft Horiz-Vis			
Good 10% 0 Fuzzy / 3	01 9:28:00 PST	17:28-GMT S Gray whale (northbound) Position: 177° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 10% 0 Fuzzy / 3	02 9:40:00 PST	17:40-GMT V Private Sportfishing Position: 153° / 1483 m Direction: West	1 vessel
Good 10% 0 Fuzzy / 3	03 10:04:00 PST	18:04-GMT S Gray whale (northbound) Position: 122° / 2749 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 10% 0 Fuzzy / 3	04 10:17:00 PST	18:17-GMT SD Bottlenose dolphin Position: 177° / 471 m Direction: East; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Good 10% 0 Fuzzy / 3	05 10:18:00 PST	18:18-GMT SP Harbor seal Position: 175° / 455 m Direction: East; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Good 10% 0 Fuzzy / 3	06 10:33:00 PST	18:33-GMT V Fish Commercial Urchin Diving 602475 Position: 107° / 3088 m Direction: West	1 vessel
Good 10% 0 Fuzzy / 3	07 10:51:00 PST	18:51-GMT V Private Sportfishing Position: 210° / 1674 m Direction: West	1 vessel
Fair 10% 0 Fuzzy / 3	08 11:55:00 PST	19:55-GMT Images: 1113 V Private Sportfishing Boston Whaler Position: 247° / 1922 m Direction: East	1 vessel
Good 10% 0 Fuzzy / 3	09 11:56:00 PST	19:56-GMT Images: 1113 foreground V Fish Commercial Lobster/Crab L76281 Position: 286° / 1674 m Direction: East	1 vessel
Good 10% 0 Fuzzy / 3	10 12:37:00 PST	20:37-GMT V Fish Commercial Urchin Diving Position: 138° / 2749 m Direction: West	1 vessel
Fair 10% 0 Fuzzy / 3	11 12:41:00 PST	20:41-GMT V Oil services Crew boat Position: 255° / 2749 m Direction: South	1 vessel
Fair 10% 0 Fuzzy / 3	12 13:01:00 PST	21:01-GMT V Private Diving Position: 124° / 1922 m Direction: West	1 vessel
Fair 10% 1 Fuzzy / 3	13 13:19:00 PST	21:19-GMT SP unidentified pinniped Position: 159° / 1922 m Direction: East; Behavior: Moderate travel • Dive • in open water	Total 1 — 0 Pups at sighting
Fair 10% 1 Fuzzy / 3	14 13:22:00 PST	21:22-GMT V Fish Commercial Lobster/Crab L93370? Position: 251° / 2260 m Direction: East	1 vessel
Fair 10% 1 Fuzzy / 3	15 13:52:00 PST	21:52-GMT V Fish Commercial Urchin Diving Position: 148° / 2749 m Direction: West	1 vessel
Fair 10% 1 Fuzzy / 3	16 14:18:00 PST	22:18-GMT SD Bottlenose dolphin Position: 184° / 183 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time	Species / Vessel Type	
	Code		
Fair 10% 1 Fuzzy / 3	17 14:19:00 PST	22:19-GMT V Airship Helicopter Position: 174° / 300 m Direction: East	1 vessel
Fair 20% 1 Fuzzy / 3	18 14:47:00 PST	22:47-GMT V Oil services Crew boat Position: 259° / 2260 m Direction: South	1 vessel
Fair 20% 2 Fuzzy / 3	19 15:52:00 PST	23:52-GMT SD Common dolphin, species not determined Position: 259° / 1922 m Direction: East; Behavior: Moderate travel • Leap	Total 150 — 0 Calves at sighting
Fair 20% 1 Fuzzy / 3	20 16:00:00 PST	0:00; 3/2/2013-GMT Images: 1114-5 V Airship Helicopter X N276X Position: 174° / 300 m Direction: West	1 vessel
Fair 20% 1 Fuzzy / 3	21 16:04:00 PST	0:04; 3/2/2013-GMT SD Bottlenose dolphin Position: 229° / 231 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 20% 1 Fuzzy / 3	22 16:09:00 PST	0:09; 3/2/2013-GMT V Fish Commercial Lobster/Crab L38294 Position: 257° / 1922 m Direction: East	1 vessel
Fair 20% 1 Fuzzy / 3	23 16:21:00 PST	0:21; 3/2/2013-GMT V Private Sportfishing Position: 217° / 778 m Direction: East	1 vessel
Fair 20% 1 Fuzzy / 3	24 16:24:00 PST	0:24; 3/2/2013-GMT SW unidentified large whale Position: 226° / 3528 m Direction: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair 20% 1 Fuzzy / 3	25 16:30:00 PST	0:30; 3/2/2013-GMT V Airship Helicopter X N276X Position: 174° / 40 m Direction: West	1 vessel

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CCvr	Bft	Horiz - Vis	Number	Time	Species / Vessel Type	
Fair 50% 0 Fuzzy / 3			01	9:05:00 PST	17:05-GMT S Gray whale (northbound) Position: 112° / 1331 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 50% 0 Fuzzy / 3			02	9:08:00 PST	17:08-GMT V Oil services Crew boat Position: 236° / 2260 m Direction: Still	1 vessel
Fair 50% 0 Fuzzy / 3			03	9:11:00 PST	17:11-GMT V Private Sportfishing Boston Whaler Position: 106° / 1483 m Direction: West	1 vessel
Fair 50% 0 Fuzzy / 3			04	9:18:00 PST	17:18-GMT V Oil services Oil-spill recovery Position: 239° / 3088 m Direction: Circling	1 vessel
Fair 50% 0 Fuzzy / 3			05	9:21:00 PST	17:21-GMT Images: 1116-7 V Private Sportfishing RHIB Position: 103° / 1331 m Direction: West	1 vessel
Fair 70% 0 Fuzzy / 3			06	9:30:00 PST	17:30-GMT V Private Sportfishing Position: 114° / 1674 m Direction: West	1 vessel
Fair 70% 0 Fuzzy / 3			07	9:38:00 PST	17:38-GMT Images: 1118-1141 V Private Cruising Jet-ski Position: 134° / 231 m Direction: West	1 vessel
Fair 70% 0 Fuzzy / 3			08	9:43:00 PST	17:43-GMT SD Common dolphin, species not determined Position: 263° / 539 m Direction: East; Behavior: Foraging	Total 1000 — 0 Calves at sighting
Fair 70% 0 Fuzzy / 3			09	9:52:00 PST	17:52-GMT V Private Cruising RHIB Position: 124° / 1922 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 70% 0 Fuzzy / 3	10 10:06:00 PST	18:06-GMT V Private Sportfishing Position: 117° / 1922 m Direction: West	1 vessel
Fair 80% 0 Fuzzy / 3	11 10:59:00 PST	18:59-GMT V Private Sportfishing Position: 225° / 1674 m Direction: East	1 vessel
Fair 90% 0 Fuzzy / 3	12 11:10:00 PST	19:10-GMT SD Common dolphin, species not determined Position: 130° / 1106 m Direction: Circling; Behavior: Foraging	Total 300 — 0 Calves at sighting
Fair 90% 0 Fuzzy / 3	13 11:29:00 PST	19:29-GMT V Private Sportfishing Position: 209° / 1922 m Direction: East	1 vessel
Fair 90% 0 Fuzzy / 3	14 11:32:00 PST	19:32-GMT V Fish Commercial Urchin Diving Position: 216° / 3088 m Direction: East	1 vessel
Fair 90% 0 Fuzzy / 3	15 11:38:00 PST	19:38-GMT V Private Sportfishing Position: 236° / 2260 m Direction: East	1 vessel
Fair 90% 0 Fuzzy / 3	16 11:41:00 PST	19:41-GMT V Private Sportfishing Position: 187° / 2749 m Direction: East	1 vessel
Fair 90% 0 Fuzzy / 3	17 11:58:00 PST	19:58-GMT V Private Cruising Position: 114° / 1922 m Direction: West	1 vessel
Fair 80% 0 Fuzzy / 3	18 12:29:00 PST	20:29-GMT Images: 1165 V Private Sportfishing Position: 109° / 1922 m Direction: West	1 vessel
Fair 80% 0 Fuzzy / 3	19 12:34:00 PST	20:34-GMT V Fish Commercial Lobster/Crab Kaylee J Position: 267° / 1674 m Direction: East	1 vessel
Fair 80% 0 Fuzzy / 3	20 12:37:00 PST	20:37-GMT V Touring Whale watching Condor Express Position: 96° / 3528 m Direction: West	1 vessel
Fair 80% 0 Fuzzy / 3	21 12:53:00 PST	20:53-GMT V Fish Commercial Lobster/Crab Carol E L533-9 Position: 266° / 827 m Direction: East	1 vessel
Fair 70% 0 Fuzzy / 3	22 13:30:00 PST	21:30-GMT Images: 1166-1201 SD Bottlenose dolphin Position: 218° / 235 m Direction: West; Behavior: Slow travel	Total 23 — 9 Calves at sighting
Fair 70% 0 Fuzzy / 3	23 13:57:00 PST	21:57-GMT V Private Sportfishing Position: 263° / 1331 m Direction: East	1 vessel
Fair 70% 0 Fuzzy / 3	24 14:08:00 PST	22:08-GMT SD Bottlenose dolphin Position: 144° / 264 m Direction: West; Behavior: Slow travel	Total 3 — ni Calves at sighting
Fair 70% 0 Fuzzy / 3	25 14:11:00 PST	22:11-GMT V Private Cruising Zodiac Position: 224° / 946 m Direction: East	1 vessel
Fair 70% 0 Fuzzy / 3	26 14:11:00 PST	22:11-GMT V Private Cruising Position: 236° / 827 m Direction: East	1 vessel
Fair 60% 1 Fuzzy / 3	27 14:36:00 PST	22:36-GMT Images: 1204-30 V Private Sportfishing Bulito Position: 292° / 827 m Direction: East	1 vessel
Fair 60% 1 Fuzzy / 3	28 14:58:00 PST	22:58-GMT V Private Diving Position: 274° / 735 m Direction: East	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 50% 1 Fuzzy / 3	29 15:00:00 PST	23:00-GMT V Private Sportfishing Position: 117° / 1922 m Direction: Still	1 vessel
Fair 40% 3 Fuzzy / 3	30 15:40:00 PST	23:40-GMT V Private Cruising Sophia D Position: 264° / 913 m Direction: East	1 vessel
Fair 80% 3 Fuzzy / 3	31 16:30:00 PST	0:30; 3/3/2013-GMT V Private Sportfishing Position: 231° / 2749 m Direction: East	1 vessel
Fair 80% 3 Fuzzy / 3	32 16:37:00 PST	0:37; 3/3/2013-GMT S Gray whale (northbound) Position: 113° / 3528 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 80% 3 Fuzzy / 3	33 16:40:00 PST	0:40; 3/3/2013-GMT S Gray whale (northbound) Position: 114° / 5027 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting

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CCvr	Bft	Horiz-Vis	Number	Time Code	Species / Vessel Type	
Poor	100%	2 Fuzzy / 2	01	9:00:00 PST	17:00-GMT V Oil services Crew boat Position: 238° / 2749 m Direction: Still	1 vessel
Poor	100%	2 Fuzzy / 2	02	9:05:00 PST	17:05-GMT S Gray whale (northbound) Position: 289° / 778 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	70%	2 Fuzzy / 2	03	10:32:00 PST	18:32-GMT V Private Sportfishing Position: 199° / 2749 m Direction: East	1 vessel
Poor	70%	2 Fuzzy / 2	04	11:07:00 PST	19:07-GMT V Oil services Crew boat Position: 294° / 3528 m Direction: South	1 vessel
Fair	50%	2 Fuzzy / 2	05	11:18:00 PST	19:18-GMT SD Common dolphin, species not determined Position: 134° / 1331 m Direction: East; Behavior: Moderate travel • Leap	Total 15 — 0 Calves at sighting
Fair	50%	2 Fuzzy / 2	06	11:23:00 PST	19:23-GMT SP Harbor seal Position: 129° / 471 m Direction: West; Behavior: Slow travel • in kelp	Total 1 — 0 Pups at sighting
Fair	50%	2 Fuzzy / 2	07	11:41:00 PST	19:41-GMT SP Harbor seal Position: 194° / 508 m Direction: Circling; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair	50%	2 Fuzzy / 2	08	12:18:00 PST	20:18-GMT V Oil services Crew boat Position: 265° / 3528 m Direction: South	1 vessel
Fair	50%	2 Fuzzy / 2	09	12:23:00 PST	20:23-GMT V Airship Helicopter X Position: 174° / 400 m Direction: West	1 vessel
Fair	60%	3 Fuzzy / 2	10	14:35:00 PST	22:35-GMT V Fish Commercial Net New Hazzard Position: 254° / 2260 m Direction: East	1 vessel
Poor	50%	4 Fuzzy / 2	11	15:16:00 PST	23:16-GMT V Airship Helicopter N120AF Position: 174° / 40 m Direction: West	1 vessel
Poor	50%	4 Fuzzy / 2	12	15:23:00 PST	23:23-GMT Images: 1231-3 V Fish Commercial Sportfishing Stardust Position: 265° / 2749 m Direction: East	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Mar 04 Day 22 of 98			
CCvr	Bft	Horiz - Vis	
Fair 30%	2	Fuzzy / 2	
01	9:35:00 PST	17:35-GMT S Gray whale (northbound) Position: 166° / 3528 m Direction: West; Behavior: Slow travel • Fluke	Total 6 — 0 Calves at sighting
Fair 30%	2	Fuzzy / 2	
02	9:48:00 PST	17:48-GMT S Gray whale (northbound) Position: 119° / 1483 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 30%	2	Fuzzy / 2	
03	10:22:00 PST	18:22-GMT V Research Diving UCSB Position: 181° / 455 m Direction: East	1 vessel
Fair 30%	1	Fuzzy / 2	
04	10:46:00 PST	18:46-GMT V Oil services Crew boat Position: 283° / 3528 m Direction: South	1 vessel
Fair 30%	1	Fuzzy / 2	
05	10:52:00 PST	18:52-GMT S Gray whale (northbound) Position: 152° / 2260 m Direction: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Fair 30%	2	Fuzzy / 2	
06	11:02:00 PST	19:02-GMT V Airship Helicopter X Position: 174° / 200 m Direction: East	1 vessel
Fair 90%	1	Fuzzy / 3	
07	13:03:00 PST	21:03-GMT SP Harbor seal Position: 202° / 204 m Direction: East; Behavior: Moderate travel • Dive • in kelp	Total 2 — 0 Pups at sighting
Good 10%	1	Fuzzy / 3	
08	13:08:00 PST	21:08-GMT SP Harbor seal Position: 218° / 253 m Direction: West; Behavior: Moderate travel • Dive • in open water	Total 1 — 0 Pups at sighting
Good 10%	2	Fuzzy / 3	
09	13:40:00 PST	21:40-GMT SD Bottlenose dolphin Position: 144° / 946 m Direction: West; Behavior: Moderate travel	Total 2 — 0 Calves at sighting
Good 10%	2	Fuzzy / 3	
10	14:03:00 PST	22:03-GMT V Airship Helicopter Sheriff/County Position: 174° / 400 m Direction: West	1 vessel
Good 10%	2	Fuzzy / 3	
11	14:28:00 PST	22:28-GMT V Airship Helicopter X Position: 174° / 200 m Direction: East	1 vessel
Good 10%	2	Fuzzy / 3	
12	14:30:00 PST	22:30-GMT V Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel
Good 10%	2	Fuzzy / 3	
13	14:33:00 PST	22:33-GMT V Oil services Crew boat Position: 271° / 3528 m Direction: North	1 vessel
Good 10%	2	Fuzzy / 3	
14	14:36:00 PST	22:36-GMT S Gray whale (northbound) Position: 180° / 1403 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 10%	2	Fuzzy / 3	
15	14:44:00 PST	22:44-GMT SW unidentified large whale Position: 216° / 3088 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 10%	2	Fuzzy / 3	
16	14:54:00 PST	22:54-GMT SD Bottlenose dolphin Position: 226° / 735 m Direction: East; Behavior: Moderate travel	Total 6 — 0 Calves at sighting
Good 10%	3	Fuzzy / 3	
17	15:06:00 PST	23:06-GMT SP Harbor seal Position: 157° / 338 m Direction: West; Behavior: Moderate travel • in kelp	Total 1 — 0 Pups at sighting
Good 10%	3	Fuzzy / 3	
18	15:33:00 PST	23:33-GMT V Airship Helicopter X Position: 174° / 300 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 10% 2 Fuzzy / 3	19 16:44:00 PST	0:44; 3/5/2013-GMT V Private Cruising Sailboat motoring Position: 109° / 3088 m Direction: West	1 vessel
Good 10% 2 Fuzzy / 3	20 16:53:00 PST	0:53; 3/5/2013-GMT SP Harbor seal Position: 165° / 508 m Direction: East; Behavior: in kelp	Total 1 — 0 Pups at sighting
Mar 05 Day 23 of 98			
Fair 100% 2 Fuzzy / 2	01 9:08:00 PST	17:08-GMT S Gray whale (northbound) Position: 161° / 2749 m Direction: West; Behavior: Slow travel • Fluke	Total 9 — 0 Calves at sighting
Fair 100% 2 Fuzzy / 2	02 9:20:00 PST	17:20-GMT V Airship Helicopter Position: 174° / 150 m Direction: West	1 vessel
Fair 100% 2 Fuzzy / 2	03 9:42:00 PST	17:42-GMT SD Bottlenose dolphin Position: 174° / 574 m Direction: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 100% 2 Fuzzy / 2	04 9:56:00 PST	17:56-GMT V Fish Commercial Net Golden Eagle 946881 Position: 277° / 3088 m Direction: East	1 vessel
Fair 100% 2 Fuzzy / 2	05 10:14:00 PST	18:14-GMT SP Harbor seal Position: 173° / 489 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 100% 2 Fuzzy / 2	06 10:23:00 PST	18:23-GMT V Oil services Crew boat Position: 285° / 3528 m Direction: South	1 vessel
Fair 100% 3 Fuzzy / 2	07 10:37:00 PST	18:37-GMT V Oil services Crew boat Position: 279° / 3528 m Direction: South	1 vessel
Fair 100% 3 Fuzzy / 2	08 12:14:00 PST	20:14-GMT V Oil services Crew boat Position: 278° / 3528 m Direction: North	1 vessel
Fair 100% 3 Fuzzy / 2	09 12:28:00 PST	20:28-GMT V Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel
Fair 100% 3 Fuzzy / 2	10 12:35:00 PST	20:35-GMT SD Bottlenose dolphin Position: 181° / 300 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 100% 3 Fuzzy / 2	11 13:10:00 PST	21:10-GMT S Gray whale (northbound) Position: 230° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 100% 3 Fuzzy / 2	12 13:57:00 PST	21:57-GMT V Fish Commercial Lobster/Crab L72681 Position: 284° / 2749 m Direction: East	1 vessel
Fair 100% 3 Fuzzy / 2	13 14:09:00 PST	22:09-GMT V Touring Whale watching Condor Express Position: 234° / 2749 m Direction: East	1 vessel
Fair 90% 3 Fuzzy / 2	14 14:34:00 PST	22:34-GMT V Airship Helicopter X Position: 174° / 400 m Direction: East	1 vessel
Fair 90% 3 Fuzzy / 2	15 14:40:00 PST	22:40-GMT V Oil services Crew boat Position: 266° / 3088 m Direction: South	1 vessel
Fair 90% 3 Fuzzy / 2	16 14:44:00 PST	22:44-GMT V Airship Helicopter X Position: 174° / 400 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 80% 3 Fuzzy / 2	17 16:10:00 PST	0:10; 3/6/2013-GMT V Airship Helicopter X Position: 174° / 500 m Direction: West	1 vessel
Fair 80% 3 Fuzzy / 2	18 16:11:00 PST	0:11; 3/6/2013-GMT V Oil services Crew boat Position: 146° / 3528 m Direction: West	1 vessel
Fair 80% 3 Fuzzy / 2	19 16:30:00 PST	0:30; 3/6/2013-GMT SP Harbor seal Position: 234° / 489 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 80% 3 Fuzzy / 2	20 16:35:00 PST	0:35; 3/6/2013-GMT S Gray whale (northbound) Position: 119° / 3528 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

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CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair 100% 2	Fuzzy / 3		01	9:03:00 PST	17:03-GMT SD Common dolphin, species not determined Position: 164° / 1922 m Direction: East; Behavior: Foraging • Leap	Total 1000 — 0 Calves at sighting
Fair 100% 2	Fuzzy / 3		02	9:03:00 PST	17:03-GMT SD Common dolphin, species not determined Position: 250° / 1106 m Direction: Circling; Behavior: Foraging	Total 100 — 0 Calves at sighting
Fair 100% 2	Fuzzy / 3		03	9:13:00 PST	17:13-GMT V Oil services Crew boat Position: 241° / 3088 m Direction: Still	1 vessel
Fair 100% 2	Fuzzy / 3		04	9:23:00 PST	17:23-GMT V Airship Helicopter X Position: 174° / 200 m Direction: East	1 vessel
Fair 100% 2	Fuzzy / 3		05	9:29:00 PST	17:29-GMT SD Bottlenose dolphin Position: 239° / 366 m Direction: East; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 100% 2	Fuzzy / 3		06	9:45:00 PST	17:45-GMT S Gray whale (northbound) Position: 156° / 3528 m Direction: West; Behavior: Slow travel • Fluke	Total 5 — 0 Calves at sighting
Fair 100% 2	Fuzzy / 3		07	9:50:00 PST	17:50-GMT SD Bottlenose dolphin Position: 164° / 244 m Direction: East; Behavior: Slow travel	Total 7 — 3 Calves at sighting
Fair 100% 2	Fuzzy / 3		08	10:06:00 PST	18:06-GMT V Oil services Crew boat Position: 284° / 3528 m Direction: North	1 vessel
Fair 100% 2	Fuzzy / 3		09	10:20:00 PST	18:20-GMT SD Bottlenose dolphin Position: 218° / 382 m Direction: East; Behavior: No direction	Total 4 — 0 Calves at sighting
Fair 100% 3	Fuzzy / 3		10	10:32:00 PST	18:32-GMT V Oil services Crew boat Position: 291° / 3528 m Direction: South	1 vessel
Fair 100% 3	Fuzzy / 3		11	10:32:00 PST	18:32-GMT V Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel
Fair 100% 3	Fuzzy / 3		12	10:37:00 PST	18:37-GMT SD Bottlenose dolphin Position: 253° / 382 m Direction: East; Behavior: No direction	Total 3 — 0 Calves at sighting
Fair 100% 3	Fuzzy / 3		13	11:03:00 PST	19:03-GMT V Oil services Oil-spill recovery Ocean Guardian Position: 137° / 3088 m Direction: West	1 vessel
Fair 100% 3	Fuzzy / 3		14	11:04:00 PST	19:04-GMT S Gray whale (northbound) Position: 169° / 3088 m Direction: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 100% 3 Fuzzy / 2	15 11:16:00 PST	19:16-GMT SW Gray whale (southbound) Position: 159° / 3088 m Direction: East; Behavior: Slow travel • Breach • Fluke	Total 1 — 0 Calves at sighting
Fair 100% 3 Fuzzy / 3	16 12:23:00 PST	20:23-GMT S Gray whale (northbound) Position: 132° / 3528 m Direction: West; Behavior: Slow travel • Spyhop • Rolling	Total 3 — 0 Calves at sighting
Fair 100% 3 Fuzzy / 3	17 12:36:00 PST	20:36-GMT V Oil services Crew boat Position: 243° / 3088 m Direction: South	1 vessel
Fair 100% 3 Fuzzy / 3	18 12:43:00 PST	20:43-GMT S Gray whale (northbound) Position: 128° / 3088 m Direction: West; Behavior: Slow travel • Breach	Total 2 — 0 Calves at sighting
Fair 100% 3 Fuzzy / 3	19 13:23:00 PST	21:23-GMT SD Common dolphin, species not determined Position: 225° / 3088 m Direction: East; Behavior: Moderate travel • Parade Line	Total 200 — 0 Calves at sighting
Fair 100% 3 Fuzzy / 3	20 13:32:00 PST	21:32-GMT S Gray whale (northbound) Position: 115° / 2749 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 100% 3 Fuzzy / 3	21 13:46:00 PST	21:46-GMT S Gray whale (northbound) Position: 121° / 1483 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 100% 3 Fuzzy / 3	22 14:40:00 PST	22:40-GMT V Oil services Crew boat Position: 259° / 3088 m Direction: South	1 vessel
Fair 100% 3 Fuzzy / 3	23 14:44:00 PST	22:44-GMT SP Harbor seal Position: 161° / 216 m Direction: East; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair 100% 3 Fuzzy / 2	24 15:23:00 PST	23:23-GMT S Gray whale (northbound) Position: 120° / 5027 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 100% 3 Fuzzy / 2	25 15:59:00 PST	23:59-GMT V Airship Helicopter X Position: 174° / 300 m Direction: West	1 vessel
Fair 100% 3 Fuzzy / 2	26 16:08:00 PST	0:08; 3/7/2013-GMT S Gray whale (northbound) Position: 141° / 5027 m Direction: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Fair 100% 3 Fuzzy / 2	27 16:29:00 PST	0:29; 3/7/2013-GMT V Oil services Crew boat Position: 274° / 3528 m Direction: South	1 vessel
Fair 100% 3 Fuzzy / 2	28 16:53:00 PST	0:53; 3/7/2013-GMT S Gray whale (northbound) Position: 168° / 550 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

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CCvr	Bft	Horiz	Vis	Number	Time Code	Species / Vessel Type	
Fair	100%	0	Sharp / 3	01	9:26:00 PST	17:26-GMT SD Common dolphin, species not determined Position: 104° / 2749 m Direction: West; Behavior: Moderate travel • Leap • Parade Line	Total 700 — 0 Calves at sighting
Fair	100%	0	Sharp / 3	02	9:36:00 PST	17:36-GMT V Oil services Crew boat Position: 144° / 3088 m Direction: West	1 vessel
Fair	100%	0	Sharp / 3	03	9:46:00 PST	17:46-GMT V Airship Helicopter X Position: 174° / 300 m Direction: East	1 vessel
Fair	100%	0	Sharp / 3	04	9:58:00 PST	17:58-GMT SD Common dolphin, species not determined Position: 146° / 3528 m Direction: West; Behavior: Moderate travel • Leap	Total 50 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 100% 0 Sharp / 3	05 10:02:00 PST	18:02-GMT V Airship Helicopter X Position: 174° / 300 m Direction: West	1 vessel
Fair 90% 1 Sharp / 3	06 10:23:00 PST	18:23-GMT V Oil services Crew boat Position: 274° / 3088 m Direction: South	1 vessel
Fair 90% 1 Sharp / 3	07 10:30:00 PST	18:30-GMT SP Harbor seal Position: 232° / 412 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 90% 1 Sharp / 3	08 10:34:00 PST	18:34-GMT SW Humpback whale Position: 171° / 13138 m Direction: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 90% 1 Sharp / 3	09 10:52:00 PST	18:52-GMT V Oil services Crew boat Position: 282° / 3528 m Direction: South	1 vessel
Fair 70% 1 Fuzzy / 3	10 11:27:00 PST	19:27-GMT S Gray whale (northbound) Position: 138° / 3528 m Direction: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Fair 70% 1 Fuzzy / 3	11 11:30:00 PST	19:30-GMT S Gray whale (northbound) Position: 143° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 70% 1 Fuzzy / 3	12 11:32:00 PST	19:32-GMT V Oil services Crew boat Position: 264° / 3088 m Direction: South	1 vessel
Fair 80% 0 Fuzzy / 3	13 12:26:00 PST	20:26-GMT S Gray whale (northbound) Position: 185° / 1403 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 80% 0 Fuzzy / 3	14 12:38:00 PST	20:38-GMT V Touring Whale watching Condor Express Position: 129° / 2749 m Direction: West	1 vessel
Fair 80% 0 Fuzzy / 3	15 12:57:00 PST	20:57-GMT V Oil services Crew boat Position: 288° / 2749 m Direction: North	1 vessel
Fair 80% 0 Fuzzy / 3	16 13:12:00 PST	21:12-GMT V Oil services Crew boat Position: 273° / 3528 m Direction: South	1 vessel
Fair 90% 0 Fuzzy / 3	17 13:23:00 PST	21:23-GMT V Fish Commercial Lobster/Crab Position: 208° / 3088 m Direction: East	1 vessel
Good 60% 0 Sharp / 3	18 14:15:00 PST	22:15-GMT V Airship Helicopter X Position: 174° / 200 m Direction: ni	1 vessel
Good 90% 0 Sharp / 3	19 14:44:00 PST	22:44-GMT V Airship Helicopter X Position: 174° / 300 m Direction: East	1 vessel
Good 90% 0 Sharp / 3	20 14:46:00 PST	22:46-GMT V Oil services Crew boat Position: 265° / 3088 m Direction: South	1 vessel
Fair 100% 3 Sharp / 3	21 15:39:00 PST	23:39-GMT V Oil services Crew boat Position: 282° / 3528 m Direction: North	1 vessel
Fair 100% 3 Sharp / 3	22 15:42:00 PST	23:42-GMT V Fish Commercial Urchin Diving Position: 164° / 3088 m Direction: East	1 vessel
Poor 100% 3 Fuzzy / 2	23 16:31:00 PST	0:31; 3/8/2013-GMT SD Bottlenose dolphin Position: 247° / 347 m Direction: East; Behavior: Slow travel	Total 5 — 2 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Mar 08 Day 26 of 98			
CCvr Bft Horiz-Vis			
Fair 40% 2 Sharp / 3	01 9:13:00 PST	17:13-GMT V Oil services Crew boat Position: 284° / 946 m Direction: North	1 vessel
Fair 30% 3 Sharp / 3	02 9:45:00 PST	17:45-GMT S Gray whale (northbound) Position: 117° / 3528 m Direction: West; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Fair 50% 4 Sharp / 3	03 10:40:00 PST	18:40-GMT S Gray whale (northbound) Position: 179° / 1483 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 50% 4 Sharp / 3	04 11:28:00 PST	19:28-GMT SD Bottlenose dolphin Position: 136° / 629 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 50% 4 Sharp / 3	05 11:46:00 PST	19:46-GMT Images: 1270-1281 SD Bottlenose dolphin Position: 191° / 388 m Direction: West; Behavior: Slow travel	Total 7 — 2 Calves at sighting
Fair 60% 4 Sharp / 3	06 12:29:00 PST	20:29-GMT V Oil services Crew boat Position: 277° / 3528 m Direction: South	1 vessel
Fair 60% 4 Sharp / 3	07 12:32:00 PST	20:32-GMT Images: 1283-1303 S Gray whale (northbound) Position: 135° / 2260 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Mar 09 Day 27 of 98			
CCvr Bft Horiz-Vis			
Fair 10% 3 Fuzzy / 3	01 8:58:00 PST	16:58-GMT S Gray whale (northbound) Position: 148° / 2260 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 3	02 9:00:00 PST	17:00-GMT S Gray whale (northbound) Position: 137° / 1674 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 3	03 9:04:00 PST	17:04-GMT S Gray whale (northbound) Position: 180° / 3088 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 10% 5 Fuzzy / 2	Off-Effort 04 10:05:00 PST	18:05-GMT V Oil services Crew boat Position: 289° / 3528 m Direction: Still	1 vessel
Mar 10 Day 28 of 98			
CCvr Bft Horiz-Vis			
Good 10% 0 Sharp / 3	01 9:17:00 PDT	16:17-GMT S Gray whale (northbound) Position: 168° / 5027 m Direction: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Good 10% 0 Sharp / 3	02 9:20:00 PDT	16:20-GMT S Gray whale (northbound) Position: 153° / 5027 m Direction: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Good 10% 1 Sharp / 3	03 9:38:00 PDT	16:38-GMT V Fish Commercial Lobster/Crab Kaylee J Position: 110° / 3528 m Direction: Still	1 vessel
Good 10% 1 Sharp / 3	04 9:51:00 PDT	16:51-GMT S Gray whale (northbound) Position: 120° / 3088 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 10% 1 Sharp / 3	05 10:42:00 PDT	17:42-GMT SP Harbor seal Position: 192° / 70 m Direction: West; Behavior: in surf zone	Total 1 — 0 Pups at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 10% 1 Sharp / 3	06 10:45:00 PDT	17:45-GMT SD Common dolphin, species not determined Position: 106° / 3528 m Direction: West; Behavior: Moderate travel • Parade Line	Total 1000 — 0 Calves at sighting
Good 10% 1 Sharp / 3	07 10:52:00 PDT	17:52-GMT V Private Sportfishing Boston Whaler CF 3512PN 1 vessel Position: 154° / 489 m Direction: East	
Good 10% 1 Sharp / 3	08 10:52:00 PDT	17:52-GMT S Gray whale (northbound) Position: 124° / 5027 m Direction: West; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Good 10% 1 Sharp / 3	09 11:05:00 PDT	18:05-GMT V Private Sportfishing Position: 126° / 1674 m Direction: West	1 vessel
Good 10% 1 Sharp / 3	10 11:28:00 PDT	18:28-GMT SD Common dolphin, species not determined Position: 132° / 1674 m Direction: West; Behavior: Moderate travel • Foraging	Total 75 — 0 Calves at sighting
Good 10% 1 Sharp / 3	11 12:11:00 PDT	19:11-GMT V Oil services Crew boat Position: 167° / 3528 m Direction: West	1 vessel
Good 10% 1 Sharp / 3	12 12:13:00 PDT	19:13-GMT V Oil services Crew boat Position: 278° / 3528 m Direction: South	1 vessel
Good 10% 1 Sharp / 3	13 12:26:00 PDT	19:26-GMT S Gray whale (northbound) Position: 114° / 5027 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good 10% 1 Sharp / 3	14 12:48:00 PDT	19:48-GMT Images: 1307-1317 SD Bottlenose dolphin Position: 121° / 735 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 10% 1 Sharp / 3	15 13:11:00 PDT	20:11-GMT SD Bottlenose dolphin Position: 136° / 661 m Direction: East; Behavior: Slow travel	Total 7 — 2 Calves at sighting
Good 10% 0 Fuzzy / 3	16 13:20:00 PDT	20:20-GMT SD Common dolphin, species not determined Position: 184° / 2260 m Direction: East; Behavior: Foraging	Total 75 — 0 Calves at sighting
Good 10% 0 Fuzzy / 3	17 13:43:00 PDT	20:43-GMT S Gray whale (northbound) Position: 171° / 3088 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good 10% 0 Fuzzy / 3	18 14:16:00 PDT	21:16-GMT V Private Sportfishing Position: 263° / 3088 m Direction: East	1 vessel
Fair 10% 2 Fuzzy / 2	19 14:45:00 PDT	21:45-GMT S Gray whale (northbound) Position: 151° / 2749 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 10% 2 Fuzzy / 2	20 15:11:00 PDT	22:11-GMT S Gray whale (northbound) Position: 163° / 3528 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 10% 2 Fuzzy / 2	21 15:41:00 PDT	22:41-GMT V Fish Commercial Lobster/Crab L72681 Position: 244° / 1483 m Direction: East	1 vessel
Fair 10% 2 Fuzzy / 2	22 15:53:00 PDT	22:53-GMT SD Common dolphin, species not determined Position: 136° / 3528 m Direction: West; Behavior: Moderate travel	Total 300 — 0 Calves at sighting
Fair 10% 0 Fuzzy / 2	23 16:08:00 PDT	23:08-GMT SP Harbor seal Position: 140° / 412 m Direction: East; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 10% 0 Fuzzy / 2	24 16:40:00 PDT	23:40-GMT V Private Sportfishing Position: 226° / 1483 m Direction: East	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 10% 0 Fuzzy / 2	25 16:41:00 PDT	23:41-GMT V Private Sportfishing Position: 226° / 1208 m Direction: East	1 vessel
Fair 10% 0 Fuzzy / 2	26 16:59:00 PDT	23:59-GMT SD Bottlenose dolphin Position: 222° / 388 m Direction: East; Behavior: No direction	Total 4 — 0 Calves at sighting
Mar 11 Day 29 of 98			
CCvr Bft Horiz - Vis			
Fair 30% 0 Fuzzy / 2	01 9:24:00 PDT	16:24-GMT SP Harbor seal Position: 213° / 50 m Direction: West; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Fair 30% 0 Fuzzy / 2	02 9:27:00 PDT	16:27-GMT V Airship Helicopter X Position: 174° / 500 m Direction: East	1 vessel
Fair 20% 0 Fuzzy / 3	03 12:06:00 PDT	19:06-GMT V Oil services Crew boat Position: 240° / 2749 m Direction: Still	1 vessel
Fair 20% 0 Fuzzy / 3	04 12:21:00 PDT	19:21-GMT V Oil services Crew boat Position: 274° / 3528 m Direction: North	1 vessel
Fair 20% 0 Fuzzy / 3	05 12:24:00 PDT	19:24-GMT SP Harbor seal Position: 147° / 550 m Direction: West; Behavior: Slow travel • in open water	Total 1 — 0 Pups at sighting
Fair 20% 0 Fuzzy / 3	06 12:27:00 PDT	19:27-GMT V Fish Commercial Net Position: 129° / 3088 m Direction: West	1 vessel
Fair 10% 0 Fuzzy / 3	07 13:08:00 PDT	20:08-GMT Images: 1372-3 V Fish Commercial Lobster/Crab Kaylee J L68739 Position: 269° / 3088 m Direction: South	1 vessel
Fair 10% 0 Fuzzy / 3	08 13:15:00 PDT	20:15-GMT V Oil services Oil-spill recovery Ocean Guardian Position: 126° / 3088 m Direction: West	1 vessel
Fair 10% 0 Fuzzy / 3	09 13:32:00 PDT	20:32-GMT SP Harbor seal Position: 129° / 366 m Direction: East; Behavior: Moderate travel • in kelp	Total 1 — 0 Pups at sighting
Fair 10% 0 Fuzzy / 3	10 14:00:00 PDT	21:00-GMT S Gray whale (northbound) Position: 132° / 5027 m Direction: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair 10% 0 Fuzzy / 3	11 14:14:00 PDT	21:14-GMT SD Common dolphin, species not determined Position: 141° / 5027 m Direction: North; Behavior: Moderate travel • Chorus Line • Parade Line	Total 200 — 0 Calves at sighting
Good 10% 1 Fuzzy / 3	12 14:25:00 PDT	21:25-GMT V Research Diving UCSB Position: 234° / 1331 m Direction: East	1 vessel
Good 10% 1 Fuzzy / 3	13 14:42:00 PDT	21:42-GMT S Gray whale (northbound) Position: 174° / 5027 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 10% 1 Fuzzy / 3	14 15:27:00 PDT	22:27-GMT S Gray whale (northbound) Position: 161° / 5027 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good 10% 1 Fuzzy / 3	15 16:30:00 PDT	23:30-GMT SP Harbor seal Position: 156° / 440 m Direction: East; Behavior: Slow travel • in open water	Total 1 — 0 Pups at sighting

2013 All Sighting Numbers, raw

Number	Time	Code	Species / Vessel Type	
Mar 12 Day 30 of 98				
CCvr	Bft	Horiz - Vis		
Fair 20%	0	Fuzzy / 2	01 10:10:00 PDT 17:10-GMT	
			V Oil services Crew boat	1 vessel
			Position: 283° / 3528 m Direction: South	
Fair 20%	0	Fuzzy / 2	02 10:15:00 PDT 17:15-GMT	
			SP Harbor seal	Total 1 — 0 Pups at sighting
			Position: 205° / 183 m Direction: East; Behavior: Slow travel • in surf zone	
Fair 20%	0	Fuzzy / 3	03 10:25:00 PDT 17:25-GMT	
			V Oil services Crew boat	1 vessel
			Position: 286° / 3528 m Direction: South	
Fair 20%	0	Fuzzy / 3	04 10:38:00 PDT 17:38-GMT Images: 1376-8	
			V Fish Commercial Lobster/Crab L38294	1 vessel
			Position: 115° / 2749 m Direction: West	
Fair 20%	0	Fuzzy / 3	05 12:03:00 PDT 19:03-GMT	
			V Oil services Crew boat	1 vessel
			Position: 276° / 3528 m Direction: North	
Fair 20%	0	Fuzzy / 3	06 12:30:00 PDT 19:30-GMT	
			V Oil services Crew boat	1 vessel
			Position: 293° / 3528 m Direction: South	
Poor 20%	0	Fuzzy / 3	07 13:18:00 PDT 20:18-GMT Images: 1380	
			V Oil services Crew boat	1 vessel
			Position: 147° / 2749 m Direction: West	
Fair 10%	2	Fuzzy / 3	08 13:37:00 PDT 20:37-GMT	
			SP Harbor seal	Total 1 — 0 Pups at sighting
			Position: 223° / 412 m Direction: West; Behavior: Slow travel	
Fair 10%	2	Fuzzy / 3	09 13:59:00 PDT 20:59-GMT	
			SO Southern Sea otter	Total 1 — 0 Pups at sighting
			Position: 199° / 244 m Direction: East; Behavior: Diving	
Fair 10%	2	Fuzzy / 3	10 14:08:00 PDT 21:08-GMT	
			V Private Sportfishing	1 vessel
			Position: 234° / 1922 m Direction: East	
Fair 10%	2	Fuzzy / 3	11 14:15:00 PDT 21:15-GMT	
			SP Harbor seal	Total 1 — 0 Pups at sighting
			Position: 136° / 489 m Direction: East; Behavior: No direction	
Fair 10%	2	Fuzzy / 3	12 14:57:00 PDT 21:57-GMT	
			SP Harbor seal	Total 1 — 0 Pups at sighting
			Position: 240° / 455 m Direction: Still; Behavior: in kelp	
Fair 10%	2	Fuzzy / 3	13 15:05:00 PDT 22:05-GMT Images: 1385-6	
			V Research Diving UCSB	1 vessel
			Position: 262° / 1106 m Direction: East	
Fair 10%	2	Fuzzy / 3	14 15:23:00 PDT 22:23-GMT	
			V Airship Helicopter SBOP	1 vessel
			Position: 174° / 250 m Direction: West	
Mar 13 Day 31 of 98				
CCvr	Bft	Horiz - Vis		
Fair 50%	1	Fuzzy / 2	01 14:34:00 PDT 21:34-GMT	
			V Oil services Crew boat	1 vessel
			Position: 239° / 3088 m Direction: Still	
Fair 30%	1	Fuzzy / 2	02 14:34:00 PDT 21:34-GMT Images: 1394-1399	
			SD Bottlenose dolphin	Total 4 — 0 Calves at sighting
			Position: 204° / 280 m Direction: East; Behavior: Moderate travel	
Fair 30%	1	Fuzzy / 2	03 14:39:00 PDT 21:39-GMT	
			V Oil services Crew boat	1 vessel
			Position: 252° / 3088 m Direction: South	

2013 All Sighting Numbers, raw

Number	Time	Species / Vessel Type	
	Code		
Fair 30% 3 Fuzzy / 2	04 16:12:00 PDT	23:12-GMT V Private Sportfishing Position: 125° / 2260 m Direction: East	1 vessel
Mar 14 Day 32 of 98			
CCvr Bft Horiz -Vis			
Good 80% 2 Fuzzy / 3	01 14:45:00 PDT	21:45-GMT V Oil services Crew boat Position: 262° / 3528 m Direction: South	1 vessel
Good 80% 2 Fuzzy / 3	02 14:50:00 PDT	21:50-GMT V Oil services Crew boat Position: 240° / 3088 m Direction: Still	1 vessel
Good 80% 2 Fuzzy / 3	03 15:12:00 PDT	22:12-GMT V Oil services Oil-spill recovery Ocean Guardian Position: 233° / 3528 m Direction: East	1 vessel
Good 80% 2 Fuzzy / 3	04 15:14:00 PDT	22:14-GMT V Fish Commercial Lobster/Crab L38294 Position: 276° / 3088 m Direction: East	1 vessel
Good 80% 2 Fuzzy / 3	05 15:24:00 PDT	22:24-GMT Images: 1427-44 S Gray whale (northbound) Position: 128° / 600 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 80% 2 Fuzzy / 3	06 15:37:00 PDT	22:37-GMT V Private Sportfishing Position: 268° / 3088 m Direction: East	1 vessel
Fair 90% 2 Fuzzy / 2	07 15:59:00 PDT	22:59-GMT V Private Sportfishing Position: 211° / 1403 m Direction: ni	1 vessel
Fair 90% 2 Fuzzy / 2	08 16:01:00 PDT	23:01-GMT SD Bottlenose dolphin Position: 120° / 629 m Direction: West; Behavior: Slow travel	Total 5 — 1 Calf at sighting
Fair 90% 2 Fuzzy / 2	09 16:26:00 PDT	23:26-GMT S Gray whale (northbound) Position: 124° / 3528 m Direction: West; Behavior: Slow travel • Breach	Total 3 — 0 Calves at sighting
Fair 90% 2 Fuzzy / 2	10 16:35:00 PDT	23:35-GMT V Oil services Crew boat Position: 283° / 3528 m Direction: South	1 vessel
Fair 90% 2 Fuzzy / 2	11 16:40:00 PDT	23:40-GMT V Oil services Crew boat Position: 288° / 3528 m Direction: South	1 vessel
Mar 16 Day 34 of 98			
CCvr Bft Horiz -Vis			
Poor 100% 1 Fuzzy / 2	01 9:15:00 PDT	16:15-GMT V Oil services Crew boat Position: 240° / 3088 m Direction: Still	1 vessel
Poor 100% 1 Fuzzy / 2	02 9:21:00 PDT	16:21-GMT V Fish Commercial Sportfishing Boston Whaler Position: 241° / 1483 m Direction: East	1 vessel
Poor 100% 2 Fuzzy / 2	03 9:23:00 PDT	16:23-GMT V Oil services Crew boat Position: 253° / 3088 m Direction: South	1 vessel
Poor 100% 2 Fuzzy / 2	04 9:40:00 PDT	16:40-GMT SD Bottlenose dolphin Position: 104° / 946 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	05 11:01:00 PDT	18:01-GMT V Oil services Crew boat Position: 277° / 3088 m Direction: South	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Poor 100% 1 Fuzzy / 2	06 11:27:00 PDT	18:27-GMT SD Bottlenose dolphin Position: 127° / 400 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	07 11:36:00 PDT	18:36-GMT V Private Cruising Position: 117° / 1403 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 2	08 11:44:00 PDT	18:44-GMT V Oil services Crew boat Position: 274° / 3088 m Direction: South	1 vessel
Poor 100% 1 Fuzzy / 2	09 11:46:00 PDT	18:46-GMT S Gray whale (northbound) Position: 160° / 1403 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	10 12:11:00 PDT	19:11-GMT S Gray whale (northbound) Position: 103° / 3088 m Direction: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	11 13:17:00 PDT	20:17-GMT V Private Cruising Sailboat motoring Slipper Position: 238° / 2749 m Direction: East	1 vessel
Poor 100% 1 Fuzzy / 2	12 13:31:00 PDT	20:31-GMT V Fish Commercial Lobster/Crab Carol E L533-9 Position: 274° / 1922 m Direction: East	1 vessel
Poor 100% 1 Fuzzy / 2	13 13:36:00 PDT	20:36-GMT Images: 1455-58 V Private Cruising Tracy J CF 6197 HN Position: 109° / 1922 m Direction: West	1 vessel
Poor 90% 1 Fuzzy / 2	14 15:03:00 PDT	22:03-GMT S Gray whale (northbound) Position: 168° / 2749 m Direction: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Fair 10% 1 Fuzzy / 2	15 16:30:00 PDT	23:30-GMT V Fish Commercial Cruising Stardust Position: 241° / 2749 m Direction: East	1 vessel
Fair 10% 1 Fuzzy / 2	16 16:30:00 PDT	23:30-GMT V Oil services Crew boat Position: 274° / 3528 m Direction: South	1 vessel

Mar 17 Day 35 of 98

CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair 30%	3	Fuzzy / 1.7	01	13:13:00 PDT	20:13-GMT V Private Sportfishing Position: 285° / 2260 m Direction: East	1 vessel
Fair 30%	3	Fuzzy / 1.7	02	13:25:00 PDT	20:25-GMT SP Harbor seal Position: 235° / 183 m Direction: East; Behavior: Moderate travel • in surf zone	Total 1 — 0 Pups at sighting
Fair 30%	4	Fuzzy / 1.7	03	13:43:00 PDT	20:43-GMT Images: 1466-73 V Private Sportfishing Position: 112° / 2260 m Direction: West	1 vessel
Fair 30%	4	Fuzzy / 1.7	04	14:13:00 PDT	21:13-GMT V Oil services Crew boat Position: 241° / 3088 m Direction: Still	1 vessel
Fair 30%	3	Fuzzy / 1.7	05	14:50:00 PDT	21:50-GMT SP Harbor seal Position: 183° / 212 m Direction: East; Behavior: Slow travel • in kelp	Total 1 — 0 Pups at sighting
Fair 30%	3	Fuzzy / 1.7	06	14:54:00 PDT	21:54-GMT V Fish Commercial Sportfishing Stardust Position: 258° / 1483 m Direction: East	1 vessel
Fair 30%	3	Fuzzy / 2	07	14:57:00 PDT	21:57-GMT SD Bottlenose dolphin Position: 230° / 188 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 30% 2 Fuzzy / 2	08 15:56:00 PDT	22:56-GMT V Vessel Assist Position: 262° / 2749 m Direction: East	1 vessel
Fair 30% 2 Fuzzy / 2	09 16:10:00 PDT	23:10-GMT S Gray whale (northbound) Position: 147° / 600 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 30% 2 Fuzzy / 2	10 16:29:00 PDT	23:29-GMT V Oil services Crew boat Position: 280° / 3528 m Direction: South	1 vessel
Mar 18 Day 36 of 98			
CCvr Bft Horiz -Vis			
Poor 100% 1 Fuzzy / 2	01 9:06:00 PDT	16:06-GMT S Gray whale (northbound) Position: 181° / 2749 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	02 9:09:00 PDT	16:09-GMT SD Common dolphin, species not determined Position: 138° / 2260 m Direction: Circling; Behavior: Foraging	Total 50 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	03 9:16:00 PDT	16:16-GMT V Fish Commercial Urchin Diving 8827HK 36311 Position: 111° / 1922 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 2	04 9:39:00 PDT	16:39-GMT Images: 1474-98 SP California sea lion Position: 214° / 20 m Direction: Still; Behavior: on sand	Total 1 — 0 Pups at sighting
Poor 100% 1 Fuzzy / 2	05 9:47:00 PDT	16:47-GMT V Oil services Crew boat Position: 148° / 3528 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 2	06 9:56:00 PDT	16:56-GMT S Gray whale (northbound) Position: 150° / 471 m Direction: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	07 10:05:00 PDT	17:05-GMT V Research Diving UCSB Position: 268° / 1674 m Direction: East	1 vessel
Poor 90% 1 Fuzzy / 2	08 10:14:00 PDT	17:14-GMT S Gray whale (northbound) Position: 145° / 2260 m Direction: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Poor 90% 1 Fuzzy / 2	09 10:42:00 PDT	17:42-GMT V Private Sportfishing Position: 253° / 3088 m Direction: East	1 vessel
Fair 40% 1 Fuzzy / 3	10 11:12:00 PDT	18:12-GMT V Fish Commercial Lobster/Crab L72681 Position: 286° / 1922 m Direction: East	1 vessel
Fair 40% 1 Fuzzy / 2	11 11:39:00 PDT	18:39-GMT V Airship Helicopter SBOP Position: 174° / nd m Direction: East	1 vessel
Fair 40% 1 Fuzzy / 2	12 11:49:00 PDT	18:49-GMT SW unidentified large whale Position: 106° / 3528 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 40% 1 Fuzzy / 2	13 11:50:00 PDT	18:50-GMT S Gray whale (northbound) Position: 168° / 3528 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	14 12:29:00 PDT	19:29-GMT V Oil services Crew boat Position: 261° / 3528 m Direction: South	1 vessel
Poor 100% 1 Fuzzy / 2	15 12:32:00 PDT	19:32-GMT V Fish Commercial Lobster/Crab Kaylee J Position: 259° / 2260 m Direction: East	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Poor 100% 1 Fuzzy / 2	16 13:29:00 PDT	20:29-GMT S Gray whale (northbound) Position: 198° / 2749 m Direction: West; Behavior: Slow travel • Breach	Total 2 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	17 13:46:00 PDT	20:46-GMT SD Common dolphin, species not determined Position: 169° / 3088 m Direction: West; Behavior: Moderate travel • Parade Line	Total 300 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	18 14:28:00 PDT	21:28-GMT SD Common dolphin, species not determined Position: 175° / 946 m Direction: West; Behavior: Foraging	Total 10 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	19 14:42:00 PDT	21:42-GMT V Oil services Crew boat Position: 271° / 3528 m Direction: South	1 vessel
Poor 100% 1 Fuzzy / 2	20 14:43:00 PDT	21:43-GMT S Gray whale (northbound) Position: 155° / 574 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	21 15:24:00 PDT	22:24-GMT V Oil services Crew boat Position: 284° / 3528 m Direction: South	1 vessel
Poor 100% 1 Fuzzy / 2	22 15:52:00 PDT	22:52-GMT SP Harbor seal Position: 184° / 70 m Direction: East; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Poor 100% 1 Fuzzy / 2	23 15:56:00 PDT	22:56-GMT SP Harbor seal Position: 216° / 471 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Poor 100% 1 Fuzzy / 2	24 16:03:00 PDT	23:03-GMT V Airship Helicopter X Position: 174° / 150 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 2	25 16:35:00 PDT	23:35-GMT V Oil services Crew boat Position: 291° / 3528 m Direction: South	1 vessel

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CCvr	Bfr	Horiz-Vis	Number	Time Code	Species / Vessel Type	
Poor 100% 2	Fuzzy / 2		01	9:23:00 PDT	16:23-GMT SD Common dolphin, species not determined Position: 204° / 2749 m Direction: East; Behavior: Moderate travel • Foraging	Total 35 — 0 Calves at sighting
Poor 100% 2	Fuzzy / 2		02	9:29:00 PDT	16:29-GMT Images: 1524-1531 SD Bottlenose dolphin Position: 134° / 400 m Direction: West; Behavior: Slow travel	Total 5 — 2 Calves at sighting
Poor 100% 2	Fuzzy / 2		03	9:41:00 PDT	16:41-GMT SP Harbor seal Position: 167° / 508 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Poor 100% 3	Fuzzy / 2		04	10:07:00 PDT	17:07-GMT SD Bottlenose dolphin Position: 146° / 883 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 100% 3	Fuzzy / 2		05	10:09:00 PDT	17:09-GMT SD Bottlenose dolphin Position: 149° / 827 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 3	Fuzzy / 2		06	10:24:00 PDT	17:24-GMT V Oil services Crew boat Position: 262° / 3088 m Direction: South	1 vessel
Poor 100% 3	Fuzzy / 2		07	10:30:00 PDT	17:30-GMT S Gray whale (northbound) Position: 178° / 3528 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 2	Fuzzy / 2		08	11:09:00 PDT	18:09-GMT SD Common dolphin, species not determined Position: 231° / 1106 m Direction: East; Behavior: Moderate travel	Total 75 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Poor 100% 2 Fuzzy / 2	09 11:14:00 PDT	18:14-GMT SD Bottlenose dolphin Position: 180° / 489 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 100% 2 Fuzzy / 2	10 11:21:00 PDT	18:21-GMT SD Bottlenose dolphin Position: 108° / 1922 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 90% 2 Fuzzy / 2	11 11:46:00 PDT	18:46-GMT Images: 1532-1561 SP Harbor seal Position: 210° / 50 m Direction: East; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Poor 90% 2 Fuzzy / 2	12 12:12:00 PDT	19:12-GMT V Fish Commercial Urchin Diving 602475 32608 1 vessel Position: 110° / 3088 m Direction: West	
Poor 90% 2 Fuzzy / 2	13 12:16:00 PDT	19:16-GMT V Airship Helicopter X Position: 174° / 150 m Direction: West	1 vessel
Poor 90% 2 Fuzzy / 2	14 12:24:00 PDT	19:24-GMT SD Bottlenose dolphin Position: 123° / 574 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Poor 90% 2 Fuzzy / 2	15 12:27:00 PDT	19:27-GMT V Oil services Crew boat Position: 282° / 3528 m Direction: South	1 vessel
Poor 90% 2 Fuzzy / 2	16 12:44:00 PDT	19:44-GMT Images: 1563-1566 V Private Cruising RHIB Position: 293° / 913 m Direction: East	1 vessel
Poor 70% 1 Fuzzy / 2	17 14:18:00 PDT	21:18-GMT V Oil services Crew boat Position: 141° / 3088 m Direction: West	1 vessel
Poor 70% 1 Fuzzy / 2	18 14:28:00 PDT	21:28-GMT V Airship Helicopter SBOP Position: 174° / 200 m Direction: West	1 vessel
Poor 70% 1 Fuzzy / 2	19 14:32:00 PDT	21:32-GMT V Oil services Crew boat Position: 261° / 3528 m Direction: South	1 vessel
Poor 70% 1 Fuzzy / 2	20 14:36:00 PDT	21:36-GMT S Gray whale (northbound) Position: 109° / 3088 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 70% 1 Fuzzy / 2	21 14:53:00 PDT	21:53-GMT S Gray whale (northbound) Position: 139° / 1483 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 70% 1 Fuzzy / 2	22 15:16:00 PDT	22:16-GMT SP Harbor seal Position: 163° / 528 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Poor 70% 1 Fuzzy / 2	23 15:25:00 PDT	22:25-GMT V Private Cruising Position: 171° / 3088 m Direction: West	1 vessel
Poor 70% 1 Fuzzy / 2	24 15:28:00 PDT	22:28-GMT S Gray whale (northbound) Position: 146° / 1106 m Direction: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Poor 70% 1 Fuzzy / 2	25 15:36:00 PDT	22:36-GMT SD Bottlenose dolphin Position: 254° / 550 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 70% 1 Fuzzy / 2	26 15:51:00 PDT	22:51-GMT Images: 1584-1599 S Gray whale (northbound) Position: 116° / 2260 m Direction: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Poor 70% 1 Fuzzy / 2	27 16:53:00 PDT	23:53-GMT SD Bottlenose dolphin Position: 254° / 356 m Direction: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Poor 70% 1 Fuzzy / 2	28 16:54:00 PDT	23:54-GMT SD Bottlenose dolphin Position: 214° / 489 m Direction: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Mar 20 Day 38 of 98			
CCvr Bt Horiz - Vis			
Poor 100% 0 Fuzzy / 2	01 8:54:00 PDT	15:54-GMT S Gray whale (northbound) Position: 171° / 550 m Direction: West; Behavior: Slow travel • Breach • Fluke	Total 2 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 2	02 8:58:00 PDT	15:58-GMT SD Bottlenose dolphin Position: 124° / 253 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 2	03 9:12:00 PDT	16:12-GMT V Fish Commercial Lobster/Crab Kaylee J Position: 108° / 3088 m Direction: Still	1 vessel
Poor 100% 0 Fuzzy / 2	04 9:16:00 PDT	16:16-GMT S Gray whale (northbound) Position: 142° / 1674 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 2	05 9:18:00 PDT	16:18-GMT S Gray whale (northbound) Position: 174° / 735 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 2	06 9:24:00 PDT	16:24-GMT V Private Diving Position: 184° / 600 m Direction: West	1 vessel
Poor 100% 0 Fuzzy / 2	07 9:40:00 PDT	16:40-GMT S Gray whale (northbound) Position: 213° / 489 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 2	08 9:46:00 PDT	16:46-GMT SD Bottlenose dolphin Position: 219° / 269 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 2	09 9:51:00 PDT	16:51-GMT Images: 1602-1703 S Gray whale (northbound) Position: 121° / 1483 m Direction: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 2	10 10:12:00 PDT	17:12-GMT Images: 1644-97; 1704-5 V Research Obsevation Minotaur CF 3079-UK Position: 112° / 2749 m Direction: West	1 vessel
Poor 100% 0 Fuzzy / 2	11 10:30:00 PDT	17:30-GMT SD Bottlenose dolphin Position: 152° / 778 m Direction: Still; Behavior: Foraging • Leap	Total 2 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 2	12 10:32:00 PDT	17:32-GMT V Oil services Crew boat Position: 282° / 3528 m Direction: South	1 vessel
Fair 100% 1 Fuzzy / 2	13 10:46:00 PDT	17:46-GMT V Oil services Crew boat Position: 280° / 3528 m Direction: South	1 vessel
Fair 100% 1 Fuzzy / 2	14 11:05:00 PDT	18:05-GMT Images: 1709-1717 S Gray whale (northbound) Position: 117° / 1331 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 100% 1 Fuzzy / 2	15 11:24:00 PDT	18:24-GMT V Research Diving UCSB Position: 245° / 946 m Direction: East	1 vessel
Fair 100% 2 Fuzzy / 2	16 11:50:00 PDT	18:50-GMT S Gray whale (northbound) Position: 165° / m Direction: West; Behavior: Slow travel • Spyhop	Total 1 — 0 Calves at sighting
Fair 100% 2 Fuzzy / 2	17 12:17:00 PDT	19:17-GMT V Oil services Crew boat Position: 276° / 3528 m Direction: South	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 100% 2 Fuzzy / 2	18 12:29:00 PDT	19:29-GMT V Oil services Crew boat Position: 138° / 3528 m Direction: West	1 vessel
Fair 100% 2 Fuzzy / 2	19 13:01:00 PDT	20:01-GMT Images: 1718 V Research CINMS Shearwater Position: 233° / 3088 m Direction: East	1 vessel
Fair 80% 2 Fuzzy / 2	20 13:21:00 PDT	20:21-GMT S Gray whale (northbound) Position: 116° / 3528 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 80% 2 Fuzzy / 2	21 13:53:00 PDT	20:53-GMT SD Bottlenose dolphin Position: 136° / 382 m Direction: West; Behavior: Slow travel	Total 5 — 2 Calves at sighting
Fair 80% 2 Fuzzy / 2	22 13:56:00 PDT	20:56-GMT SD Common dolphin, species not determined Position: 141° / 3528 m Direction: North; Behavior: Foraging • Chorus Line	Total 200 — 0 Calves at sighting
Fair 80% 0 Fuzzy / 2	23 14:45:00 PDT	21:45-GMT V Oil services Crew boat Position: 239° / 3088 m Direction: South	1 vessel
Fair 90% 0 Fuzzy / 2	24 15:20:00 PDT	22:20-GMT Images: 1719-1731 SD Bottlenose dolphin Position: 208° / m Direction: East; Behavior: Moderate travel	Total 5 — 2 Calves at sighting
Fair 90% 0 Fuzzy / 2	25 15:29:00 PDT	22:29-GMT SP Harbor seal Position: 163° / 508 m Direction: West; Behavior: in kelp	Total 1 — 0 Pups at sighting

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CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair 50%	3	Sharp / 3	01	9:04:00 PDT	16:04-GMT V Oil services Crew boat Position: 284° / 3528 m Direction: West	1 vessel
Fair 50%	3	Sharp / 3	02	9:06:00 PDT	16:06-GMT V Oil services Crew boat Position: 233° / 3528 m Direction: Still	1 vessel
Fair 50%	3	Sharp / 3	03	10:03:00 PDT	17:03-GMT S Gray whale (northbound) Position: 136° / 3088 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 50%	3	Sharp / 3	04	10:09:00 PDT	17:09-GMT S Gray whale (northbound) Position: 140° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 50%	3	Sharp / 3	05	10:41:00 PDT	17:41-GMT V Oil services Crew boat Position: 269° / 3088 m Direction: West	1 vessel
Fair 30%	3	Fuzzy / 3	06	10:52:00 PDT	17:52-GMT V Private Diving Position: 101° / 2749 m Direction: West	1 vessel
Fair 30%	3	Fuzzy / 3	07	11:08:00 PDT	18:08-GMT V Airship Helicopter Position: 174° / 400 m Direction: East	1 vessel
Fair 30%	3	Fuzzy / 3	08	11:12:00 PDT	18:12-GMT SP Harbor seal Position: 141° / 382 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 10%	3	Fuzzy / 3	09	11:50:00 PDT	18:50-GMT SD Bottlenose dolphin Position: 254° / 244 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 10%	3	Fuzzy / 3	10	11:51:00 PDT	18:51-GMT S Gray whale (northbound) Position: 239° / 946 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 10% 3 Fuzzy / 3	11 12:22:00 PDT	19:22-GMT V Oil services Crew boat Position: 286° / 3088 m Direction: South	1 vessel
Fair 10% 3 Fuzzy / 3	12 12:30:00 PDT	19:30-GMT S Gray whale (northbound) Position: 118° / 1922 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 3	13 12:47:00 PDT	19:47-GMT V Oil services Crew boat Position: 278° / 3088 m Direction: North	1 vessel
Fair 20% 4 Fuzzy / 3	14 13:39:00 PDT	20:39-GMT Images: 1737-1743 V Touring Diving Conception Position: 107° / 2749 m Direction: West	1 vessel
Fair 20% 4 Fuzzy / 3	15 13:44:00 PDT	20:44-GMT S Gray whale (northbound) Position: 103° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

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CCvr	Bft	Horiz-Vis	Number	Time Code	Species / Vessel Type	
Fair 30%	2	Fuzzy / 2	01	9:10:00 PDT	16:10-GMT V Oil services Crew boat Position: 240° / 3528 m Direction: Still	1 vessel
Fair 30%	3	Fuzzy / 2	02	9:12:00 PDT	16:12-GMT S Gray whale (northbound) Position: 166° / 550 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 30%	3	Fuzzy / 2	03	9:24:00 PDT	16:24-GMT V Oil services Crew boat Position: 273° / 3528 m Direction: North	1 vessel
Fair 30%	3	Fuzzy / 2	04	9:58:00 PDT	16:58-GMT SP Harbor seal Position: 152° / 280 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 30%	3	Fuzzy / 2	05	10:02:00 PDT	17:02-GMT S Gray whale (northbound) Position: 242° / 400 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 30%	3	Fuzzy / 2	06	10:11:00 PDT	17:11-GMT V Private Cruising Position: 107° / 1674 m Direction: West	1 vessel
Fair 30%	3	Fuzzy / 2	07	10:17:00 PDT	17:17-GMT Images: 1744-5 V Private Cruising Position: 124° / 3088 m Direction: West	1 vessel
Fair 30%	2	Fuzzy / 2	08	10:26:00 PDT	17:26-GMT S Gray whale (northbound) Position: 144° / 3528 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 30%	2	Fuzzy / 2	09	10:38:00 PDT	17:38-GMT V Private Cruising Boston Whaler Position: 223° / 447 m Direction: East	1 vessel
Fair 30%	2	Fuzzy / 2	10	11:19:00 PDT	18:19-GMT S Gray whale (northbound) Position: 107° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 40%	2	Fuzzy / 2	11	11:49:00 PDT	18:49-GMT SD Bottlenose dolphin Position: 118° / 696 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 40%	1	Fuzzy / 2	12	11:57:00 PDT	18:57-GMT S Gray whale (northbound) Position: 120° / 1483 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 40%	1	Fuzzy / 2	13	12:27:00 PDT	19:27-GMT Images: 1746-8 V Enforcement Obsevation Position: 153° / 3088 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 40% 1 Fuzzy / 2	14 12:42:00 PDT	19:42-GMT S Gray whale (northbound) Position: 142° / 3088 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 40% 1 Fuzzy / 2	15 14:10:00 PDT	21:10-GMT Images: 1751-66 S Gray whale (northbound) Position: 120° / 1106 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 40% 1 Fuzzy / 2	16 14:13:00 PDT	21:13-GMT Images: 1749-50; 1754-5 V Private Sportfishing Trophy Position: 204° / 600 m Direction: East	1 vessel
Fair 40% 1 Fuzzy / 2	17 14:29:00 PDT	21:29-GMT S Gray whale (northbound) Position: 136° / 2749 m Direction: West; Behavior: Slow travel • Fluke	Total 5 — 0 Calves at sighting
Fair 40% 1 Fuzzy / 2	18 14:44:00 PDT	21:44-GMT S Gray whale (northbound) Position: 163° / 1331 m Direction: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair 40% 1 Fuzzy / 2	19 15:00:00 PDT	22:00-GMT V Fish Commercial Cruising Position: 207° / 2749 m Direction: East	1 vessel
Fair 40% 1 Fuzzy / 2	20 15:02:00 PDT	22:02-GMT V Fish Commercial Lobster/Crab Carol E L533-9 Position: 278° / 1106 m Direction: East	1 vessel
Fair 40% 1 Fuzzy / 2	21 15:09:00 PDT	22:09-GMT S Gray whale (northbound) Position: 165° / 2260 m Direction: West; Behavior: Slow travel • Breach • Fluke	Total 4 — 0 Calves at sighting
Fair 40% 1 Fuzzy / 2	22 15:15:00 PDT	22:15-GMT V Oil services Crew boat Position: 274° / 3528 m Direction: South	1 vessel
Fair 40% 1 Fuzzy / 2	23 15:20:00 PDT	22:20-GMT V Private Sportfishing Position: 188° / 1483 m Direction: East	1 vessel
Fair 40% 1 Fuzzy / 2	24 15:20:00 PDT	22:20-GMT V Private Sportfishing Position: 189° / 1331 m Direction: East	1 vessel
Fair 40% 1 Fuzzy / 2	25 15:24:00 PDT	22:24-GMT SD Bottlenose dolphin Position: 218° / 600 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 50% 1 Fuzzy / 2	26 15:34:00 PDT	22:34-GMT V Oil services Crew boat Position: 163° / 3088 m Direction: West	1 vessel
Fair 70% 1 Fuzzy / 2	27 16:03:00 PDT	23:03-GMT V Oil services Crew boat Position: 291° / 3528 m Direction: South	1 vessel
Fair 70% 1 Fuzzy / 2	28 16:08:00 PDT	23:08-GMT V Airship Helicopter X Position: 174° / 150 m Direction: West	1 vessel
Fair 70% 1 Fuzzy / 2	29 16:47:00 PDT	23:47-GMT Images: 1767-8 V Airship Blimp Met Life Position: 174° / 100 m Direction: East	1 vessel
Fair 70% 1 Fuzzy / 2	30 16:59:00 PDT	23:59-GMT S Gray whale (northbound) Position: 154° / 1106 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
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Fair 60% 1 Fuzzy / 2	01 9:16:00 PDT	16:16-GMT V Private Sportfishing Position: 159° / 3088 m Direction: West	1 vessel

CCvr Bft Horiz-Vfs

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 60% 1 Fuzzy / 2	02 9:22:00 PDT	16:22-GMT S Gray whale (northbound) Position: 261° / 3528 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 60% 1 Fuzzy / 2	03 9:30:00 PDT	16:30-GMT S Gray whale (northbound) Position: 148° / 946 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 50% 1 Fuzzy / 2	04 9:34:00 PDT	16:34-GMT SD Bottlenose dolphin Position: 163° / 275 m Direction: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 50% 1 Fuzzy / 2	05 9:56:00 PDT	16:56-GMT S Gray whale (northbound) Position: 187° / 3088 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 50% 1 Fuzzy / 2	06 10:04:00 PDT	17:04-GMT SD Common dolphin, species not determined Position: 200° / 3528 m Direction: East; Behavior: Foraging	Total 300 — 0 Calves at sighting
Fair 20% 1 Fuzzy / 2	07 10:55:00 PDT	17:55-GMT SP Harbor seal Position: 98° / 913 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 20% 1 Fuzzy / 2	08 11:00:00 PDT	18:00-GMT Images: 1769-79 S Gray whale (northbound) Position: 115° / 1106 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 20% 1 Fuzzy / 2	09 11:10:00 PDT	18:10-GMT Images: 1769-79 V Private Cruising Boston Whaler Position: 204° / 412 m Direction: East	1 vessel
Fair 60% 1 Fuzzy / 2	10 11:39:00 PDT	18:39-GMT S Gray whale (northbound) Position: 107° / 2260 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 20% 1 Fuzzy / 2	11 11:41:00 PDT	18:41-GMT V Private Cruising Critlin Position: 102° / 3088 m Direction: West	1 vessel
Fair 20% 1 Fuzzy / 2	12 12:22:00 PDT	19:22-GMT V Private Sportfishing Position: 232° / 1674 m Direction: East	1 vessel
Fair 10% 1 Fuzzy / 2	13 12:25:00 PDT	19:25-GMT V Private Cruising Position: 228° / 3088 m Direction: East	1 vessel
Fair 20% 1 Fuzzy / 2	14 12:31:00 PDT	19:31-GMT S Gray whale (northbound) Position: 202° / 2749 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 10% 1 Fuzzy / 2	15 13:14:00 PDT	20:14-GMT S Gray whale (northbound) Position: 192° / 2260 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 2	16 13:31:00 PDT	20:31-GMT SP Harbor seal Position: 169° / 197 m Direction: East; Behavior: Slow travel • in kelp	Total 1 — 0 Pups at sighting
Fair 10% 3 Fuzzy / 2	17 13:40:00 PDT	20:40-GMT S Gray whale (northbound) Position: 112° / 2749 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 2	18 13:42:00 PDT	20:42-GMT V Private Cruising Position: 258° / 1106 m Direction: East	1 vessel
Fair 10% 3 Fuzzy / 2	19 13:56:00 PDT	20:56-GMT V Airship Helicopter N276X Position: 174° / 250 m Direction: East	1 vessel
Fair 10% 3 Fuzzy / 2	20 14:06:00 PDT	21:06-GMT Images: 1780-1 V Airship Helicopter N276X Position: 174° / 300 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time	Species / Vessel Type	
	Code		
Fair 10% 3 Fuzzy / 2	21 14:32:00 PDT	21:32-GMT V Private Cruising Guilty Position: 97° / 2260 m Direction: West	1 vessel
Fair 40% 3 Fuzzy / 2	22 14:42:00 PDT	21:42-GMT V Private Cruising Sailboat Position: 118° / 3088 m Direction: South	1 vessel
Fair 40% 3 Fuzzy / 2	23 14:59:00 PDT	21:59-GMT S Gray whale (northbound) Position: 112° / 2749 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 2	24 15:45:00 PDT	22:45-GMT S Gray whale (northbound) Position: 223° / 883 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 2	25 15:48:00 PDT	22:48-GMT V Oil services Crew boat Position: 268° / 3528 m Direction: South	1 vessel
Fair 10% 3 Fuzzy / 2	26 16:07:00 PDT	23:07-GMT Images: 1782-88 SD Bottlenose dolphin Position: 104° / 1208 m Direction: West; Behavior: Slow travel • Foraging • Leap	Total 7 — 0 Calves at sighting
Fair 10% 2 Fuzzy / 3	27 16:08:00 PDT	23:08-GMT V Airship Helicopter X Position: 174° / 300 m Direction: West	1 vessel
Fair 10% 2 Fuzzy / 3	28 16:10:00 PDT	23:10-GMT V Oil services Crew boat Position: 135° / 3528 m Direction: West	1 vessel
Fair 10% 2 Fuzzy / 3	29 16:25:00 PDT	23:25-GMT S Gray whale (northbound) Position: 130° / 2749 m Direction: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Fair 10% 2 Fuzzy / 3	30 16:37:00 PDT	23:37-GMT V Oil services Crew boat Position: 279° / 3528 m Direction: South	1 vessel

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CCvr	Bft	Horiz-Vis		Time	Species / Vessel Type	
Poor 70%	0	NV / 1.5	Off-Effort 01	9:55:00 PDT	16:55-GMT S Gray whale (northbound) Position: 147° / 735 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 70%	0	Fuzzy / 2		02 10:09:00 PDT	17:09-GMT V Oil services Oil-spill recovery Ocean Guardian Position: 184° / 2749 m Direction: East	1 vessel
Poor 70%	0	Fuzzy / 2		03 10:11:00 PDT	17:11-GMT Images: 1789 SD Bottlenose dolphin Position: 155° / 231 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 70%	0	Fuzzy / 2		04 10:16:00 PDT	17:16-GMT V Oil services Crew boat Position: 284° / 3528 m Direction: South	1 vessel
Poor 70%	1	Fuzzy / 2		05 10:19:00 PDT	17:19-GMT SD Bottlenose dolphin Position: 144° / 330 m Direction: West; Behavior: Slow travel	Total 3 — 1 Calf at sighting
Poor 70%	1	Fuzzy / 2		06 10:27:00 PDT	17:27-GMT SP Harbor seal Position: 146° / 735 m Direction: Still; Behavior: in open water	Total 1 — 0 Pups at sighting
Poor 70%	1	Fuzzy / 2		07 10:32:00 PDT	17:32-GMT SP Harbor seal Position: 146° / 735 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Poor 70%	1	Fuzzy / 2		08 10:37:00 PDT	17:37-GMT SP Harbor seal Position: 101° / 629 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Poor 90% 1 Fuzzy / 2	09 10:54:00 PDT	17:54-GMT S Gray whale (northbound) Position: 103° / 2749 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 90% 1 Fuzzy / 2	10 11:24:00 PDT	18:24-GMT Images: 1793-4 V Fish Commercial Lobster/Crab Ocean Pearl Position: 100° / 2749 m Direction: West	1 vessel
Fair 100% 1 Fuzzy / 3	11 11:45:00 PDT	18:45-GMT S Gray whale (northbound) Position: 143° / 2749 m Direction: West; Behavior: Slow travel • Fluke	Total 4 — 0 Calves at sighting
Fair 100% 1 Fuzzy / 3	12 12:00:00 PDT	19:00-GMT S Gray whale (northbound) Position: 194° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 90% 1 Fuzzy / 3	13 12:33:00 PDT	19:33-GMT V Oil services Crew boat Position: 291° / 3528 m Direction: South	1 vessel
Fair 90% 1 Fuzzy / 3	14 12:48:00 PDT	19:48-GMT V Oil services Crew boat Position: 269° / 3528 m Direction: South	1 vessel
Fair 90% 1 Fuzzy / 2	15 13:13:00 PDT	20:13-GMT V Oil services Oil-spill recovery Ocean Guardian Position: 128° / 3528 m Direction: West	1 vessel
Fair 90% 1 Fuzzy / 2	16 13:30:00 PDT	20:30-GMT SD Bottlenose dolphin Position: 136° / 574 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 90% 1 Fuzzy / 2	17 13:39:00 PDT	20:39-GMT S Gray whale (northbound) Position: 148° / 455 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 90% 1 Fuzzy / 2	18 13:56:00 PDT	20:56-GMT SD Common dolphin, species not determined Position: 124° / 1922 m Direction: West; Behavior: Slow travel • Foraging • Chorus Line	Total 80 — 0 Calves at sighting
Fair 90% 1 Fuzzy / 2	19 14:00:00 PDT	21:00-GMT Images: none S Gray whale (northbound) Position: 111° / 1483 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 90% 1 Fuzzy / 2	20 14:02:00 PDT	21:02-GMT Images: 1795-1806 V Private Sportfishing Position: 106° / 1922 m Direction: West	1 vessel
Fair 90% 1 Fuzzy / 2	21 14:14:00 PDT	21:14-GMT V Private Sportfishing Position: 192° / 600 m Direction: East	1 vessel
Fair 90% 1 Fuzzy / 2	22 14:34:00 PDT	21:34-GMT S Gray whale (northbound) Position: 164° / 1922 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 90% 1 Fuzzy / 2	23 14:37:00 PDT	21:37-GMT S Gray whale (northbound) Position: 176° / 3528 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 90% 1 Fuzzy / 2	24 14:38:00 PDT	21:38-GMT V Private Sportfishing Guilty Position: 120° / 2260 m Direction: West	1 vessel
Fair 90% 1 Fuzzy / 2	25 14:44:00 PDT	21:44-GMT S Gray whale (northbound) Position: 178° / 1674 m Direction: West; Behavior: Slow travel • Spyhop • Breach	Total 1 — 0 Calves at sighting
Fair 70% 1 Fuzzy / 2	26 14:48:00 PDT	21:48-GMT V Oil services Crew boat Position: 248° / 3088 m Direction: South	1 vessel
Fair 70% 1 Fuzzy / 2	27 15:01:00 PDT	22:01-GMT SD Bottlenose dolphin Position: 197° / 696 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 70% 1 Fuzzy / 2	28 15:14:00 PDT	22:14-GMT SD Bottlenose dolphin Position: 164° / 735 m Direction: West; Behavior: Slow travel	Total 3 — 1 Calf at sighting
Fair 80% 1 Fuzzy / 2	29 15:19:00 PDT	22:19-GMT V Oil services Crew boat Position: 269° / 3528 m Direction: South	1 vessel
Fair 80% 1 Fuzzy / 2	30 15:22:00 PDT	22:22-GMT SD Bottlenose dolphin Position: 184° / 3528 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 80% 1 Fuzzy / 2	31 15:28:00 PDT	22:28-GMT S Gray whale (northbound) Position: 145° / 1106 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 80% 1 Fuzzy / 2	32 15:56:00 PDT	22:56-GMT S Gray whale (northbound) Position: 163° / 3088 m Direction: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Fair 80% 1 Fuzzy / 2	33 16:10:00 PDT	23:10-GMT S Gray whale (northbound) Position: 110° / 2749 m Direction: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Fair 90% 1 Fuzzy / 2	34 16:48:00 PDT	23:48-GMT S Gray whale (northbound) Position: 139° / 3528 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

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CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Poor 100%	1	Fuzzy / 2	01	9:02:00 PDT	16:02-GMT V Private Cruising Spunky Position: 119° / 1106 m Direction: Circling	1 vessel
Poor 100%	1	Fuzzy / 2	02	9:03:00 PDT	16:03-GMT V Oil services Crew boat Position: 234° / 3088 m Direction: Still	1 vessel
Poor 100%	1	Fuzzy / 2	03	9:04:00 PDT	16:04-GMT V Research Diving UCSB Position: 128° / 1403 m Direction: West	1 vessel
Poor 100%	1	Fuzzy / 2	04	9:07:00 PDT	16:07-GMT V Oil services Crew boat Position: 239° / 3088 m Direction: Still	1 vessel
Poor 60%	1	Fuzzy / 2	05	9:58:00 PDT	16:58-GMT SW unidentified large whale Position: 101° / 2749 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 50%	1	Fuzzy / 2	06	10:48:00 PDT	17:48-GMT V Oil services Crew boat Position: 275° / 3528 m Direction: North	1 vessel
Poor 50%	1	Fuzzy / 2	07	10:55:00 PDT	17:55-GMT SP Harbor seal Position: 174° / 60 m Direction: East; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Poor 80%	0	Fuzzy / 2	08	11:39:00 PDT	18:39-GMT SW Gray whale (southbound) Position: 221° / 661 m Direction: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 90%	1	Fuzzy / 3	09	12:10:00 PDT	19:10-GMT V Oil services Crew boat Position: 270° / 3528 m Direction: North	1 vessel
Fair 90%	1	Fuzzy / 3	10	12:30:00 PDT	19:30-GMT V Private Sportfishing Position: 232° / 539 m Direction: East	1 vessel
Fair 50%	1	Fuzzy / 2	11	12:42:00 PDT	19:42-GMT V Oil services Crew boat Position: 269° / 3528 m Direction: South	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 50% 1 Fuzzy / 2	12:57:00 PDT	19:57-GMT V Fish Commercial Lobster/Crab Kaylee J Position: 247° / 1106 m Direction: East	1 vessel
Fair 50% 1 Fuzzy / 2	13:13:00 PDT	20:13-GMT S Gray whale (northbound) Position: 181° / 661 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 50% 1 Fuzzy / 2	13:30:00 PDT	20:30-GMT V Airship Helicopter X Position: 174° / 250 m Direction: West	1 vessel
Fair 50% 3 Fuzzy / 2	14:05:00 PDT	21:05-GMT SP Harbor seal Position: 252° / 253 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 50% 3 Fuzzy / 2	14:28:00 PDT	21:28-GMT V Oil services Crew boat Position: 266° / 3088 m Direction: South	1 vessel
Good 50% 3 Fuzzy / 2	14:41:00 PDT	21:41-GMT Images: 1884-1890 S Gray whale (northbound) Position: 106° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 50% 3 Fuzzy / 2	15:08:00 PDT	22:08-GMT V Fish Commercial Sportfishing Stardust Position: 264° / 1922 m Direction: East	1 vessel
Good 50% 3 Fuzzy / 3	15:43:00 PDT	22:43-GMT V Airship Helicopter X Position: 174° / 200 m Direction: West	1 vessel
Fair 50% 3 Fuzzy / 3	16:11:00 PDT	23:11-GMT S Gray whale (northbound) Position: 173° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 50% 3 Fuzzy / 3	16:16:00 PDT	23:16-GMT S Gray whale (northbound) Position: 104° / 3528 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 50% 3 Fuzzy / 3	16:35:00 PDT	23:35-GMT V Oil services Crew boat Position: 237° / 3088 m Direction: South	1 vessel

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CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair 60%	1	Fuzzy / 3	01	9:06:00 PDT	16:06-GMT V Oil services Crew boat Position: 239° / 2749 m Direction: Still	1 vessel
Fair 60%	2	Fuzzy / 3	02	9:10:00 PDT	16:10-GMT SP Harbor seal Position: 154° / 160 m Direction: East; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Fair 60%	2	Fuzzy / 3	03	9:21:00 PDT	16:21-GMT SP Harbor seal Position: 173° / 264 m Direction: East; Behavior: Dive • in open water	Total 1 — 0 Pups at sighting
Fair 60%	2	Fuzzy / 3	04	9:25:00 PDT	16:25-GMT SP Harbor seal Position: 147° / 206 m Direction: West; Behavior: Dive • in kelp	Total 1 — 0 Pups at sighting
Fair 60%	2	Fuzzy / 3	05	9:34:00 PDT	16:34-GMT V Oil services Crew boat Position: 269° / 3528 m Direction: North	1 vessel
Good 20%	2	Fuzzy / 3	06	10:03:00 PDT	17:03-GMT S Gray whale (northbound) Position: 162° / 3528 m Direction: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Good 20%	2	Fuzzy / 3	07	10:11:00 PDT	17:11-GMT V Oil services Crew boat Position: 265° / 3528 m Direction: South	1 vessel

2013 All Sighting Numbers, raw

Number	Time	Species / Vessel Type	
	Code		
Good 20% 2 Fuzzy / 3	08 10:19:00 PDT	17:19-GMT S Gray whale (northbound) Position: 121° / 3528 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 20% 2 Fuzzy / 3	09 10:27:00 PDT	17:27-GMT SD Bottlenose dolphin Position: 118° / 377 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 20% 2 Fuzzy / 3	10 10:32:00 PDT	17:32-GMT V Oil services Crew boat Position: 286° / 3528 m Direction: South	1 vessel
Good 20% 2 Fuzzy / 3	11 10:42:00 PDT	17:42-GMT S Gray whale (northbound) Position: 182° / 377 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 20% 2 Fuzzy / 3	12 11:08:00 PDT	18:08-GMT S Gray whale (northbound) Position: 172° / 1020 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 10% 2 Fuzzy / 3	13 11:20:00 PDT	18:20-GMT V Oil services Crew boat Position: 276° / 3528 m Direction: North	1 vessel
Good 10% 2 Fuzzy / 3	14 11:25:00 PDT	18:25-GMT SD Bottlenose dolphin Position: 166° / 550 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 10% 2 Fuzzy / 3	15 12:14:00 PDT	19:14-GMT V Private Sportfishing Position: 97° / 2749 m Direction: South	1 vessel
Good 10% 2 Fuzzy / 3	16 12:26:00 PDT	19:26-GMT V Oil services Crew boat Position: 286° / 3528 m Direction: South	1 vessel
Good 10% 2 Fuzzy / 3	17 12:29:00 PDT	19:29-GMT S Gray whale (northbound) Position: 114° / 2749 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 40% 2 Fuzzy / 3	18 12:40:00 PDT	19:40-GMT V Oil services Crew boat Position: 288° / 3528 m Direction: South	1 vessel
Good 40% 2 Fuzzy / 3	19 12:43:00 PDT	19:43-GMT SW Humpback whale Position: 189° / 3528 m Direction: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Good 40% 2 Fuzzy / 3	20 12:46:00 PDT	19:46-GMT S Gray whale (northbound) Position: 134° / 3528 m Direction: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Good 40% 2 Fuzzy / 3	21 13:29:00 PDT	20:29-GMT S Gray whale (northbound) Position: 113° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 40% 2 Fuzzy / 3	22 13:51:00 PDT	20:51-GMT SD Common dolphin, species not determined Position: 125° / 1922 m Direction: West; Behavior: Foraging	Total 150 — 0 Calves at sighting
Good 40% 1 Fuzzy / 3	23 13:52:00 PDT	20:52-GMT S Gray whale (northbound) Position: 121° / 1331 m Direction: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Good 40% 1 Fuzzy / 3	24 14:29:00 PDT	21:29-GMT SD Bottlenose dolphin Position: 153° / 735 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 40% 1 Fuzzy / 3	25 14:34:00 PDT	21:34-GMT SP Harbor seal Position: 153° / 338 m Direction: East; Behavior: in open water	Total 1 — 0 Pups at sighting
Good 40% 1 Fuzzy / 3	26 14:59:00 PDT	21:59-GMT V Oil services Crew boat Position: 253° / 3088 m Direction: South	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 40% 3 Fuzzy / 3	27 15:13:00 PDT	22:13-GMT S Gray whale (northbound) Position: 151° / 5027 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 40% 3 Fuzzy / 3	28 15:23:00 PDT	22:23-GMT SD Bottlenose dolphin Position: 174° / 269 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 40% 3 Fuzzy / 3	29 15:31:00 PDT	22:31-GMT V Private Cruising Guilty Position: 107° / 2749 m Direction: West	1 vessel
Fair 40% 3 Fuzzy / 3	30 15:32:00 PDT	22:32-GMT V Fish Commercial Lobster/Crab L38294 Position: 232° / 1331 m Direction: East	1 vessel
Fair 40% 3 Fuzzy / 3	31 15:57:00 PDT	22:57-GMT V Private Sportfishing Position: 216° / 661 m Direction: East	1 vessel
Fair 40% 3 Fuzzy / 3	32 16:28:00 PDT	23:28-GMT S Gray whale (northbound) Position: 117° / 5027 m Direction: West; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Fair 40% 3 Fuzzy / 3	33 16:30:00 PDT	23:30-GMT S Gray whale (northbound) Position: 117° / 1331 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
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CCvr Bft Horiz- Vis			
Poor 100% 1 Fuzzy / 2	01 9:02:00 PDT	16:02-GMT S Gray whale (northbound) Position: 166° / 2749 m Direction: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	02 9:05:00 PDT	16:05-GMT V Oil services Crew boat Position: 234° / 2749 m Direction: Still	1 vessel
Poor 100% 1 Fuzzy / 2	03 9:06:00 PDT	16:06-GMT SD Bottlenose dolphin Position: 200° / 235 m Direction: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 100% 2 Fuzzy / 2	04 10:11:00 PDT	17:11-GMT SD Bottlenose dolphin Position: 99° / 1483 m Direction: Still; Behavior: No direction	Total 4 — 0 Calves at sighting
Poor 100% 2 Fuzzy / 2	05 10:13:00 PDT	17:13-GMT S Gray whale (northbound) Position: 104° / 3088 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 2 Fuzzy / 3	06 10:46:00 PDT	17:46-GMT V Oil services Crew boat Position: 285° / 3528 m Direction: South	1 vessel
Poor 100% 2 Fuzzy / 3	07 10:47:00 PDT	17:47-GMT V Fish Commercial Urchin Diving 602475 32608 Position: 108° / 3088 m Direction: West	1 vessel
Poor 100% 2 Fuzzy / 3	08 10:58:00 PDT	17:58-GMT V Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel
Poor 100% 1 Fuzzy / 3	09 11:51:00 PDT	18:51-GMT V Oil services Crew boat Position: 285° / 3528 m Direction: South	1 vessel
Poor 100% 1 Fuzzy / 3	10 12:02:00 PDT	19:02-GMT SP Harbor seal Position: 193° / 50 m Direction: East; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Poor 80% 1 Fuzzy / 3	11 12:13:00 PDT	19:13-GMT SD Bottlenose dolphin Position: 252° / 307 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Poor 80% 1 Fuzzy / 3	12 12:19:00 PDT	19:19-GMT V Fish Commercial Lobster/Crab L02086 24290 Position: 108° / 3088 m Direction: West	1 vessel
Poor 80% 1 Fuzzy / 3	13 12:21:00 PDT	19:21-GMT V Fish Commercial Urchin Diving Position: 126° / 3088 m Direction: West	1 vessel
Poor 80% 1 Fuzzy / 3	14 12:32:00 PDT	19:32-GMT V Oil services Crew boat Position: 284° / 3528 m Direction: West	1 vessel
Poor 80% 1 Fuzzy / 3	15 12:32:00 PDT	19:32-GMT V Oil services Crew boat Position: 284° / 3528 m Direction: North	1 vessel
Poor 100% 0 Fuzzy / 3	16 12:39:00 PDT	19:39-GMT S Gray whale (northbound) Position: 147° / 827 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 3	17 13:08:00 PDT	20:08-GMT S Gray whale (northbound) Position: 105° / 2260 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 3	18 13:19:00 PDT	20:19-GMT S Gray whale (northbound) Position: 100° / 2749 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 3	19 13:59:00 PDT	20:59-GMT S Gray whale (northbound) Position: 107° / 3528 m Direction: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 3	20 14:03:00 PDT	21:03-GMT S Gray whale (northbound) Position: 154° / 550 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 3	21 14:12:00 PDT	21:12-GMT S Gray whale (northbound) Position: 124° / 2260 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 3	22 14:14:00 PDT	21:14-GMT V Private Sportfishing Position: 238° / 600 m Direction: East	1 vessel
Poor 90% 0 Fuzzy / 3	23 14:38:00 PDT	21:38-GMT V Private Cruising Guilty Position: 101° / 3088 m Direction: West	1 vessel
Poor 90% 0 Fuzzy / 3	24 14:40:00 PDT	21:40-GMT S Gray whale (northbound) Position: 138° / 2749 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 3	25 14:46:00 PDT	21:46-GMT Images: 1918-21 V Oil services Crew boat Position: 272° / 3528 m Direction: South	1 vessel
Poor 100% 0 Fuzzy / 3	26 15:04:00 PDT	22:04-GMT S Gray whale (northbound) Position: 114° / 3528 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 3	27 15:12:00 PDT	22:12-GMT S Gray whale (northbound) Position: 117° / 1331 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 3	28 15:18:00 PDT	22:18-GMT S Gray whale (northbound) Position: 106° / 3528 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 3	29 15:27:00 PDT	22:27-GMT V Research CINMS Position: 104° / 3088 m Direction: West	1 vessel
Poor 100% 3 Fuzzy / 3	30 15:31:00 PDT	22:31-GMT S Gray whale (northbound) Position: 114° / 3528 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Poor 100% 3 Fuzzy / 3	31 15:38:00 PDT	22:38-GMT S Gray whale (northbound) Position: 107° / 3088 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 100% 3 Fuzzy / 3	32 15:55:00 PDT	22:55-GMT S Gray whale (northbound) Position: 109° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 3 Fuzzy / 3	33 16:07:00 PDT	23:07-GMT V Private Cruising Sailboat motoring Adventura Position: 204° / 600 m Direction: East	1 vessel
Poor 90% 3 Fuzzy / 3	34 16:14:00 PDT	23:14-GMT V Airship Helicopter Position: 174° / 30 m Direction: West	1 vessel
Poor 90% 3 Fuzzy / 3	35 16:23:00 PDT	23:23-GMT SD Bottlenose dolphin Position: 235° / 550 m Direction: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Poor 90% 3 Fuzzy / 3	36 16:45:00 PDT	23:45-GMT S Gray whale (northbound) Position: 104° / 2749 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
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CCvr Bft Horiz - Vis			
Poor 100% 1 NV / 1.5	Off-Effort 01 8:57:00 PDT	15:57-GMT S Gray whale (northbound) Position: 198° / 883 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 1 NV / 1.5	Off-Effort 02 9:00:00 PDT	16:00-GMT V Oil services Crew boat Position: 234° / 2749 m Direction: Still	1 vessel
Poor 100% 1 NV / 1.5	Off-Effort 03 9:00:00 PDT	16:00-GMT V Oil services Crew boat Position: 239° / 2749 m Direction: Still	1 vessel
Poor 100% 1 NV / 1.5	Off-Effort 04 9:11:00 PDT	16:11-GMT SP Harbor seal Position: 160° / 183 m Direction: East; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Poor 100% 1 Fuzzy / 2	05 9:30:00 PDT	16:30-GMT V Fish Commercial Lobster/Crab L02086 Position: 105° / 2749 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 2	06 9:41:00 PDT	16:41-GMT V Fish Commercial Urchin Diving Position: 170° / 3088 m Direction: East	1 vessel
Poor 100% 1 Fuzzy / 2	07 9:55:00 PDT	16:55-GMT V Fish Commercial Urchin Diving Position: 214° / 3088 m Direction: East	1 vessel
Poor 100% 1 Fuzzy / 2	08 11:02:00 PDT	18:02-GMT S Gray whale (northbound) Position: 130° / 1922 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor 100% 1 Fuzzy / 2	09 11:25:00 PDT	18:25-GMT S Gray whale (northbound) Position: 162° / 455 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 2	10 11:51:00 PDT	18:51-GMT V Oil services Crew boat Position: 276° / 2749 m Direction: South	1 vessel
Poor 100% 0 Fuzzy / 2	11 12:14:00 PDT	19:14-GMT S Gray whale (northbound) Position: 164° / 778 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 30% 1 Fuzzy / 3	12 13:14:00 PDT	20:14-GMT V Oil services Crew boat Position: 260° / 3528 m Direction: South	1 vessel

2013 All Sighting Numbers, raw

Number	Time	Species / Vessel Type	
	Code		
Fair 30% 1 Fuzzy / 3	13 13:15:00 PDT	20:15-GMT V Fish Commercial Lobster/Crab Position: 276° / 2749 m Direction: East	1 vessel
Fair 30% 1 Fuzzy / 3	14 13:18:00 PDT	20:18-GMT V Private Sportfishing Position: 172° / 2749 m Direction: West	1 vessel
Fair 30% 1 Fuzzy / 3	15 13:25:00 PDT	20:25-GMT V Fish Commercial Lobster/Crab L38294 Position: 260° / 2260 m Direction: East	1 vessel
Poor 60% 3 Fuzzy / 2	16 13:34:00 PDT	20:34-GMT SP Harbor seal Position: 123° / 235 m Direction: West; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Poor 90% 2 Fuzzy / 2	17 13:53:00 PDT	20:53-GMT S Gray whale (northbound) Position: 131° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor 100% 2 Fuzzy / 2	18 14:34:00 PDT	21:34-GMT S Gray whale (northbound) Position: 136° / 1483 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 100% 2 Fuzzy / 2	19 14:46:00 PDT	21:46-GMT SP Harbor seal Position: 204° / 70 m Direction: West; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Poor 100% 2 Fuzzy / 2	20 14:48:00 PDT	21:48-GMT V Fish Commercial Lobster/Crab L93370 Position: 204° / 661 m Direction: East	1 vessel
Poor 100% 2 Fuzzy / 1.7	21 14:54:00 PDT	21:54-GMT V Private Sportfishing Position: 268° / 1106 m Direction: East	1 vessel
Poor 100% 2 NV / <1	Off-Effort 22 16:44:00 PDT	23:44-GMT S Gray whale (northbound) Position: 130° / 913 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor 100% 2 NV / <1	Off-Effort 23 16:52:00 PDT	23:52-GMT V Fish Commercial Lobster/Crab Position: 184° / 600 m Direction: Still	1 vessel

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CCvr	Bft	Horiz - Vis	Number	Time	Species / Vessel Type	
Poor	100%	1	Fuzzy / 2	01 9:11:00 PDT	16:11-GMT V Private Sportfishing Position: 104° / 3088 m Direction: Still	1 vessel
Poor	100%	1	Fuzzy / 2	02 9:14:00 PDT	16:14-GMT SD Bottlenose dolphin Position: 246° / 471 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	100%	1	Fuzzy / 2	03 9:19:00 PDT	16:19-GMT V Oil services Crew boat Position: 274° / 3528 m Direction: South	1 vessel
Poor	100%	1	Fuzzy / 2	04 9:31:00 PDT	16:31-GMT SP Harbor seal Position: 160° / 90 m Direction: East; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Poor	100%	1	Fuzzy / 3	05 10:05:00 PDT	17:05-GMT SP Harbor seal Position: 140° / 185 m Direction: Still; Behavior: Dive • in kelp	Total 1 — 0 Pups at sighting
Poor	100%	1	Fuzzy / 3	06 10:11:00 PDT	17:11-GMT SP Harbor seal Position: 183° / 183 m Direction: East; Behavior: in open water	Total 1 — 0 Pups at sighting
Poor	90%	1	Fuzzy / 3	07 10:37:00 PDT	17:37-GMT S Gray whale (northbound) Position: 176° / 661 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

2013 All Sighting Numbers, raw

	Number	Time	Code	Species / Vessel Type	
Poor 90%	1	Fuzzy / 3	08	10:43:00 PDT 17:43-GMT V Private Sportfishing Position: 223° / 2260 m Direction: East	1 vessel
Poor 90%	0	Fuzzy / 3	09	11:18:00 PDT 18:18-GMT SP Harbor seal Position: 148° / 70 m Direction: East; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Poor 60%	1	Fuzzy / 3	10	12:00:00 PDT 19:00-GMT V Private Sportfishing Position: 208° / 1483 m Direction: East	1 vessel
Poor 40%	1	Fuzzy / 3	11	12:06:00 PDT 19:06-GMT S Gray whale (northbound) Position: 110° / 2260 m Direction: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Poor 40%	1	Fuzzy / 3	12	12:15:00 PDT 19:15-GMT V Private Sportfishing Position: 239° / 1331 m Direction: East	1 vessel
Fair 20%	1	Fuzzy / 3	13	12:37:00 PDT 19:37-GMT V Oil services Crew boat Position: 142° / 3528 m Direction: West	1 vessel
Fair 20%	1	Fuzzy / 3	14	12:50:00 PDT 19:50-GMT SP Harbor seal Position: 147° / 90 m Direction: West; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair 20%	1	Fuzzy / 3	15	12:54:00 PDT 19:54-GMT V Private Sportfishing Position: 246° / 678 m Direction: East	1 vessel
Fair 20%	1	Fuzzy / 3	16	12:55:00 PDT 19:55-GMT V Oil services Crew boat Position: 253° / 3528 m Direction: South	1 vessel
Good 20%	1	Fuzzy / 3	17	13:33:00 PDT 20:33-GMT S Gray whale (northbound) Position: 115° / 1922 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 20%	1	Fuzzy / 3	18	13:41:00 PDT 20:41-GMT S Gray whale (northbound) Position: 109° / 2749 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good 20%	2	Fuzzy / 3	19	14:40:00 PDT 21:40-GMT V Private Cruising Position: 160° / 3088 m Direction: West	1 vessel
Good 20%	2	Fuzzy / 3	20	14:42:00 PDT 21:42-GMT SP Harbor seal Position: 189° / 100 m Direction: West; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair 20%	2	Fuzzy / 3	21	15:05:00 PDT 22:05-GMT V Private Cruising Position: 108° / 3088 m Direction: West	1 vessel
Fair 20%	2	Fuzzy / 3	22	15:07:00 PDT 22:07-GMT S Gray whale (northbound) Position: 112° / 2749 m Direction: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair 20%	2	Fuzzy / 3	23	15:08:00 PDT 22:08-GMT V Private Cruising Guilty Position: 106° / 3088 m Direction: West	1 vessel
Good 10%	2	Fuzzy / 3	24	15:51:00 PDT 22:51-GMT SP Harbor seal Position: 194° / 90 m Direction: West; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Good 10%	1	Fuzzy / 3	25	16:28:00 PDT 23:28-GMT V Oil services Crew boat Position: 282° / 3528 m Direction: South	1 vessel
Good 10%	1	Fuzzy / 3	26	16:37:00 PDT 23:37-GMT V Private Sportfishing Position: 130° / 2260 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 10% 1 Fuzzy / 3	27 16:44:00 PDT	23:44-GMT V Private Cruising Sailboat Position: 119° / 1483 m Direction: West	1 vessel
Good 10% 1 Fuzzy / 3	28 16:45:00 PDT	23:45-GMT V Oil services Crew boat Position: 145° / 3528 m Direction: West	1 vessel
Good 10% 1 Fuzzy / 3	29 16:54:00 PDT	23:54-GMT SW Gray whale (southbound) Position: 248° / 2749 m Direction: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting

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CCvr	Bft	Horiz-Vis	Number	Time Code	Species / Vessel Type	
Poor 90%	1	Fuzzy / 3	01	12:49:00 PDT	19:49-GMT V Oil services Crew boat Position: 240° / 3088 m Direction: Still	1 vessel
Poor 90%	1	Fuzzy / 3	02	12:54:00 PDT	19:54-GMT S Gray whale (northbound) Position: 201° / 489 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 90%	1	Fuzzy / 3	03	13:03:00 PDT	20:03-GMT V Fish Commercial Lobster/Crab Carol E Position: 264° / 2260 m Direction: East	1 vessel
Poor 90%	1	Fuzzy / 3	04	13:12:00 PDT	20:12-GMT SD Bottlenose dolphin Position: 146° / 223 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 90%	1	Fuzzy / 3	05	13:37:00 PDT	20:37-GMT V Oil services Crew boat Position: 289° / 3088 m Direction: South	1 vessel
Fair 80%	1	Sharp / 3	06	14:50:00 PDT	21:50-GMT SP Harbor seal Position: 256° / 366 m Direction: West; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Fair 80%	1	Sharp / 3	07	15:28:00 PDT	22:28-GMT SD Bottlenose dolphin Position: 132° / 356 m Direction: West; Behavior: Slow travel • Foraging	Total 3 — 0 Calves at sighting
Fair 80%	1	Sharp / 3	08	15:35:00 PDT	22:35-GMT V Private Sailboat motoring Position: 272° / 1331 m Direction: East	1 vessel
Fair 30%	0	Sharp / 3	09	16:42:00 PDT	23:42-GMT SP Harbor seal Position: 168° / 100 m Direction: West; Behavior: Slow travel	Total 1 — 0 Pups at sighting

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CCvr	Bft	Horiz-Vis	Number	Time Code	Species / Vessel Type	
Poor 100%	1	Fuzzy / 1.7	01	8:55:00 PDT	15:55-GMT S Gray whale (northbound) Position: 170° / 1922 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100%	1	Fuzzy / 1.7	02	9:02:00 PDT	16:02-GMT V Oil services Crew boat Position: 245° / 3088 m Direction: South	1 vessel
Poor 100%	1	Fuzzy / 1.7	03	9:12:00 PDT	16:12-GMT V Oil services Oil-spill recovery Ocean Guardian Position: 179° / 3088 m Direction: ni	1 vessel
Poor 100%	1	Fuzzy / 1.7	04	9:27:00 PDT	16:27-GMT SP Harbor seal Position: 125° / 330 m Direction: South; Behavior: Slow travel • in kelp	Total 1 — 0 Pups at sighting
Poor 100%	1	Fuzzy / 1.7	05	9:30:00 PDT	16:30-GMT SP Harbor seal Position: 200° / 206 m Direction: East; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Poor 100% 1 Fuzzy / 1.5	06 9:37:00 PDT	16:37-GMT V Oil services Crew boat Position: 179° / 3528 m Direction: West	1 vessel
Poor 90% 1 Fuzzy / 2	07 11:56:00 PDT	18:56-GMT SD Pacific White-sided dolphin Position: 182° / 827 m Direction: West; Behavior: Slow travel	Total 15 — 0 Calves at sighting
Poor 90% 1 Fuzzy / 2	08 11:57:00 PDT	18:57-GMT S Gray whale (northbound) Position: 132° / 883 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 80% 0 Fuzzy / 2	09 12:18:00 PDT	19:18-GMT Images: 1926-1943 S Gray whale (northbound) Position: 109° / 1483 m Direction: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Poor 80% 0 Fuzzy / 2	10 12:37:00 PDT	19:37-GMT V Oil services Crew boat Position: 260° / 3088 m Direction: South	1 vessel
Poor 80% 0 Fuzzy / 2	11 13:00:00 PDT	20:00-GMT SW Humpback whale Position: 151° / 5027 m Direction: Circling; Behavior: Breach • Pec slap	Total 1 — 0 Calves at sighting
Poor 80% 0 Fuzzy / 2	12 13:21:00 PDT	20:21-GMT Images: 1945-85; 1991-2019 SD Bottlenose dolphin Position: 164° / 240 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Poor 80% 3 Fuzzy / 2	13 14:15:00 PDT	21:15-GMT SD Bottlenose dolphin Position: 209° / 455 m Direction: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 80% 3 Fuzzy / 2	14 14:33:00 PDT	21:33-GMT S Gray whale (northbound) Position: 160° / 778 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 80% 3 Fuzzy / 2	15 14:43:00 PDT	21:43-GMT V Oil services Crew boat Position: 249° / 3088 m Direction: South	1 vessel
Fair 20% 3 Fuzzy / 2	16 15:47:00 PDT	22:47-GMT Images: 2022-8 S Gray whale (northbound) Position: 105° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	17 16:22:00 PDT	23:22-GMT S Gray whale (northbound) Position: 221° / 2260 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 20% 4 Fuzzy / 2	18 16:32:00 PDT	23:32-GMT S Gray whale (northbound) Position: 158° / 1922 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

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CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair 20%	2	Fuzzy / 3	01	9:14:00 PDT	16:14-GMT S Gray whale (northbound) Position: 179° / 1331 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 20%	2	Fuzzy / 3	02	9:50:00 PDT	16:50-GMT V Private RHIB Position: 108° / 2749 m Direction: West	1 vessel
Fair 20%	2	Fuzzy / 3	03	9:52:00 PDT	16:52-GMT SP Harbor seal Position: 143° / 227 m Direction: East; Behavior: in kelp • in surf zone	Total 1 — 0 Pups at sighting
Fair 20%	2	Fuzzy / 3	04	10:07:00 PDT	17:07-GMT Images: 2034-38 V Airship Airplane Military Position: 174° / 100 m Direction: West	1 vessel
Fair 20%	2	Fuzzy / 3	05	10:34:00 PDT	17:34-GMT V Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 20% 2 Fuzzy / 3	06 10:57:00 PDT	17:57-GMT SP Harbor seal Position: 174° / 242 m Direction: West; Behavior: in open water	Total 1 — 0 Pups at sighting
Fair 20% 2 Fuzzy / 3	07 11:27:00 PDT	18:27-GMT SD Bottlenose dolphin Position: 144° / 300 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 20% 2 Fuzzy / 3	08 11:38:00 PDT	18:38-GMT V Private Sportfishing Position: 102° / 3088 m Direction: West	1 vessel
Fair 20% 2 Fuzzy / 3	09 11:39:00 PDT	18:39-GMT S Gray whale (northbound) Position: 100° / 2749 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 20% 2 Fuzzy / 3	10 12:00:00 PDT	19:00-GMT V Airship Helicopter X Position: 174° / 250 m Direction: West	1 vessel
Fair 20% 2 Fuzzy / 3	11 12:06:00 PDT	19:06-GMT SD Bottlenose dolphin Position: 148° / 661 m Direction: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 20% 2 Fuzzy / 3	12 12:11:00 PDT	19:11-GMT V Oil services Crew boat Position: 138° / 5027 m Direction: West	1 vessel
Good 20% 2 Fuzzy / 3	13 12:22:00 PDT	19:22-GMT V Oil services Crew boat Position: 267° / 3528 m Direction: North	1 vessel
Good 20% 2 Fuzzy / 3	14 12:29:00 PDT	19:29-GMT S Gray whale (northbound) Position: 138° / 550 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 20% 2 Fuzzy / 3	15 12:40:00 PDT	19:40-GMT V Oil services Crew boat Position: 286° / 5027 m Direction: South	1 vessel
Good 20% 2 Fuzzy / 3	16 12:51:00 PDT	19:51-GMT SD Bottlenose dolphin Position: 270° / 471 m Direction: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Good 20% 2 Fuzzy / 3	17 12:57:00 PDT	19:57-GMT SP Harbor seal Position: 161° / 200 m Direction: West; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Good 20% 1 Fuzzy / 3	18 13:12:00 PDT	20:12-GMT S Gray whale (northbound) Position: 205° / 3528 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good 20% 1 Fuzzy / 3	19 13:22:00 PDT	20:22-GMT S Gray whale (northbound) Position: 206° / 539 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 20% 1 Fuzzy / 3	20 13:32:00 PDT	20:32-GMT V Fish Commercial Urchin Diving Position: 108° / 3088 m Direction: North	1 vessel
Fair 20% 1 Fuzzy / 3	21 13:50:00 PDT	20:50-GMT Images: None S Gray whale (northbound) Position: 188° / 539 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 20% 1 Fuzzy / 3	22 14:15:00 PDT	21:15-GMT S Gray whale (northbound) Position: 134° / 600 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 20% 1 Fuzzy / 3	23 14:19:00 PDT	21:19-GMT V Airship Helicopter Position: 174° / 350 m Direction: West	1 vessel
Fair 20% 1 Fuzzy / 3	24 14:21:00 PDT	21:21-GMT S Gray whale (northbound) Position: 178° / 5027 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 20% 1 Fuzzy / 3	25 14:31:00 PDT	21:31-GMT S Gray whale (northbound) Position: 208° / 489 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 20% 1 Fuzzy / 3	26 14:53:00 PDT	21:53-GMT SD Bottlenose dolphin Position: 108° / 827 m Direction: West; Behavior: Slow travel	Total 7 — 3 Calves at sighting
Fair 20% 1 Fuzzy / 3	27 14:54:00 PDT	21:54-GMT V Oil services Crew boat Position: 234° / 2749 m Direction: Still	1 vessel
Fair 20% 2 Fuzzy / 3	28 15:54:00 PDT	22:54-GMT SD Bottlenose dolphin Position: 144° / 412 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 20% 2 Fuzzy / 3	29 16:06:00 PDT	23:06-GMT V Airship Helicopter X Position: 174° / 300 m Direction: West	1 vessel
Fair 20% 2 Fuzzy / 3	30 16:13:00 PDT	23:13-GMT S Gray whale (northbound) Position: 191° / 3088 m Direction: West; Behavior: Slow travel • Fluke	Total 4 — 0 Calves at sighting

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CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Poor 100%	2	Fuzzy / 2	01	9:00:00 PDT	16:00-GMT V Oil services Crew boat Position: 239° / 2749 m Direction: Still	1 vessel
Poor 100%	2	Fuzzy / 2	02	9:42:00 PDT	16:42-GMT V Research Diving UCSB Position: 104° / 2749 m Direction: West	1 vessel
Poor 100%	2	Fuzzy / 2	03	9:55:00 PDT	16:55-GMT V Oil services Crew boat Position: 294° / 3528 m Direction: North	1 vessel
Poor 100%	2	Fuzzy / 2	04	10:00:00 PDT	17:00-GMT V Oil services Crew boat Position: 294° / 3528 m Direction: South	1 vessel
Poor 100%	2	Fuzzy / 2	05	10:00:00 PDT	17:00-GMT V Private Sportfishing Position: 108° / 3088 m Direction: West	1 vessel
Poor 100%	2	Fuzzy / 2	06	10:12:00 PDT	17:12-GMT V Research Diving UCSB Position: 292° / 2749 m Direction: East	1 vessel
Poor 100%	2	Fuzzy / 2	07	10:13:00 PDT	17:13-GMT V Private Sportfishing Position: 110° / 2749 m Direction: West	1 vessel
Poor 100%	2	Fuzzy / 2	08	10:19:00 PDT	17:19-GMT V Airship Helicopter Position: 174° / 70 m Direction: East	1 vessel
Poor 100%	2	Fuzzy / 2	09	10:32:00 PDT	17:32-GMT V Private Sportfishing Position: 126° / 3088 m Direction: West	1 vessel
Poor 100%	2	Fuzzy / 2	10	10:38:00 PDT	17:38-GMT V Oil services Crew boat Position: 285° / 3528 m Direction: South	1 vessel
Poor 100%	2	Fuzzy / 2	11	10:46:00 PDT	17:46-GMT V Research Diving UCSB Position: 271° / 1020 m Direction: East	1 vessel
Poor 100%	2	Fuzzy / 2	12	10:49:00 PDT	17:49-GMT Images: None S Gray whale (northbound) Position: 155° / 1331 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Poor 100% 1 Fuzzy / 2	13 11:29:00 PDT	18:29-GMT S Gray whale (northbound) Position: 104° / 2749 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	14 11:35:00 PDT	18:35-GMT SD Bottlenose dolphin Position: 114° / 1922 m Direction: West; Behavior: Slow travel	Total 8 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	15 11:44:00 PDT	18:44-GMT V Oil services Crew boat Position: 289° / 3528 m Direction: South	1 vessel
Poor 100% 1 Fuzzy / 2	16 11:47:00 PDT	18:47-GMT V Fish Commercial Urchin Diving 4431NW Position: 107° / 3088 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 2	17 11:49:00 PDT	18:49-GMT S Gray whale (northbound) Position: 134° / 827 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	18 12:23:00 PDT	19:23-GMT V Oil services Crew boat Position: 274° / 3528 m Direction: South	1 vessel
Poor 100% 1 Fuzzy / 2	19 12:28:00 PDT	19:28-GMT Images: 2085-2111 SD Bottlenose dolphin Position: 102° / 1331 m Direction: West; Behavior: Slow travel	Total 4 — ni Calves at sighting
Poor 100% 1 Fuzzy / 2	20 12:35:00 PDT	19:35-GMT S Gray whale (northbound) Position: 113° / 1922 m Direction: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	21 12:58:00 PDT	19:58-GMT S Gray whale (northbound) Position: 110° / 2260 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 2	22 13:17:00 PDT	20:17-GMT V Fish Commercial Urchin Diving Position: 134° / 3088 m Direction: West	1 vessel
Poor 90% 1 Fuzzy / 2	23 13:31:00 PDT	20:31-GMT SP Harbor seal Position: 174° / 188 m Direction: East; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Poor 90% 1 Fuzzy / 2	24 14:11:00 PDT	21:11-GMT S Gray whale (northbound) Position: 130° / 1483 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 70% 1 Fuzzy / 2	25 14:18:00 PDT	21:18-GMT V Airship Helicopter Position: 174° / 300 m Direction: East	1 vessel
Poor 70% 1 Fuzzy / 2	26 14:38:00 PDT	21:38-GMT V Oil services Crew boat Position: 289° / 3528 m Direction: South	1 vessel
Poor 80% 1 Fuzzy / 2	27 14:43:00 PDT	21:43-GMT S Gray whale (northbound) Position: 105° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 80% 1 Fuzzy / 2	28 15:34:00 PDT	22:34-GMT V Oil services Crew boat Position: 287° / 3528 m Direction: South	1 vessel
Poor 80% 3 Fuzzy / 3	29 16:52:00 PDT	23:52-GMT S Gray whale (northbound) Position: 169° / 330 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 80% 3 Fuzzy / 3	30 16:58:00 PDT	23:58-GMT S Gray whale (northbound) Position: 208° / 913 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Apr 04 Day 53 of 98			
CCvr	Bft	Horiz - Vis	
Poor 100%	1	Fuzzy / 1.7	
01	9:06:00 PDT	16:06-GMT S Gray whale (northbound) Position: 158° / 661 m Direction: West; Behavior: Slow travel • Slow travel	Total 1 — 0 Calves at sighting
Poor 100%	1	Fuzzy / 1.7	
02	9:12:00 PDT	16:12-GMT V Oil services Crew boat Position: 239° / 3088 m Direction: Still	1 vessel
Poor 100%	1	Fuzzy / 1.7	
03	9:21:00 PDT	16:21-GMT V Oil services Crew boat Position: 237° / 2749 m Direction: North	1 vessel
Fair 80%	1	Fuzzy / 3	
04	10:19:00 PDT	17:19-GMT V Oil services Crew boat Position: 276° / 3528 m Direction: South	1 vessel
Fair 80%	1	Fuzzy / 3	
05	10:22:00 PDT	17:22-GMT Images: 2413-4 V Private Cruising Position: 102° / 2749 m Direction: West	1 vessel
Fair 80%	1	Fuzzy / 3	
06	10:34:00 PDT	17:34-GMT V Oil services Crew boat Position: 291° / 3528 m Direction: South	1 vessel
Fair 80%	1	Fuzzy / 3	
07	10:35:00 PDT	17:35-GMT V Research Diving UCSB Position: 100° / 3528 m Direction: West	1 vessel
Fair 100%	1	Fuzzy / 3	
08	10:36:00 PDT	17:36-GMT S Gray whale (northbound) Position: 113° / 1483 m Direction: West; Behavior: Slow travel • Slow travel	Total 1 — 0 Calves at sighting
Fair 60%	1	Fuzzy / 3	
09	11:15:00 PDT	18:15-GMT S Gray whale (northbound) Position: 177° / 2260 m Direction: West; Behavior: Slow travel • Slow travel	Total 2 — 0 Calves at sighting
Fair 30%	1	Fuzzy / 3	
10	12:00:00 PDT	19:00-GMT S Gray whale (northbound) Position: 126° / 1403 m Direction: West; Behavior: Slow travel • Slow travel	Total 2 — 0 Calves at sighting
Good 30%	1	Fuzzy / 3	
11	12:09:00 PDT	19:09-GMT S Gray whale (northbound) Position: 131° / 1674 m Direction: West; Behavior: Slow travel • Fluke • Slow travel	Total 1 — 0 Calves at sighting
Good 30%	1	Fuzzy / 3	
12	12:27:00 PDT	19:27-GMT V Private Cruising Position: 276° / 1674 m Direction: East	1 vessel
Good 30%	1	Fuzzy / 3	
13	12:30:00 PDT	19:30-GMT V Oil services Crew boat Position: 284° / 3528 m Direction: South	1 vessel
Good 30%	1	Fuzzy / 3	
14	12:33:00 PDT	19:33-GMT V Fish Commercial Urchin Diving Position: 256° / 3088 m Direction: East	1 vessel
Good 30%	1	Fuzzy / 3	
15	12:35:00 PDT	19:35-GMT V Oil services Crew boat Position: 287° / 2749 m Direction: North	1 vessel
Good 40%	1	Fuzzy / 3	
16	12:52:00 PDT	19:52-GMT V Private Sportfishing Position: 284° / 2749 m Direction: East	1 vessel
Good 40%	1	Fuzzy / 3	
17	13:05:00 PDT	20:05-GMT V Private Cruising Sailboat motoring Position: 116° / 3088 m Direction: West	1 vessel
Good 30%	1	Fuzzy / 3	
18	13:46:00 PDT	20:46-GMT SP Harbor seal Position: 172° / 440 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting

2013 All Sighting Numbers, raw

Number	Time	Code	Species / Vessel Type	
Good 30%	1	Fuzzy / 3	19 13:47:00 PDT 20:47-GMT	
			SP Harbor seal	Total 1 — 0 Pups at sighting
			Position: 257° / 330 m Direction: Still; Behavior: Dive • in kelp	
Good 30%	1	Fuzzy / 3	20 13:51:00 PDT 20:51-GMT	
			SP Harbor seal	Total 1 — 0 Pups at sighting
			Position: 107° / 550 m Direction: Still; Behavior: in kelp	
Good 40%	1	Fuzzy / 3	21 14:39:00 PDT 21:39-GMT	
			V Oil services Crew boat	1 vessel
			Position: 279° / 3088 m Direction: East	
Good 40%	3	Fuzzy / 3	22 15:01:00 PDT 22:01-GMT	
			SP Harbor seal	Total 1 — 0 Pups at sighting
			Position: 261° / 347 m Direction: Circling; Behavior: Slow travel • Milling	
Good 40%	3	Fuzzy / 3	23 15:07:00 PDT 22:07-GMT	
			V Fish Commercial Net	1 vessel
			Position: 242° / 3088 m Direction: East	

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CCvr	Bft	Horiz-Vis	Number	Time	Code	Species / Vessel Type	
Fair 20%	1	Fuzzy / 2	01	9:24:00 PDT	16:24-GMT	V Oil services Crew boat	1 vessel
						Position: 287° / 3528 m Direction: South	
Fair 20%	1	Fuzzy / 2	02	9:32:00 PDT	16:32-GMT	S Gray whale (northbound)	Total 1 — 0 Calves at sighting
						Position: 188° / 471 m Direction: West; Behavior: Slow travel • Slow travel	
Fair 20%	2	Fuzzy / 2	03	10:12:00 PDT	17:12-GMT	SP Harbor seal	Total 1 — 0 Pups at sighting
						Position: 109° / 347 m Direction: South; Behavior: in surf zone • Slow travel	
Fair 20%	2	Fuzzy / 2	04	10:21:00 PDT	17:21-GMT	S Gray whale (northbound)	Total 2 — 0 Calves at sighting
						Position: 100° / 3088 m Direction: West; Behavior: Slow travel • Rolling	
Fair 20%	2	Fuzzy / 2	05	10:36:00 PDT	17:36-GMT	V Oil services Crew boat	1 vessel
						Position: 134° / 2749 m Direction: Still	
Good 20%	2	Fuzzy / 3	06	10:46:00 PDT	17:46-GMT	S Gray whale (northbound)	
						Position: 135° / 3528 m Direction: West; Behavior: Slow travel	
Good 20%	2	Fuzzy / 3	07	11:15:00 PDT	18:15-GMT	SD Common dolphin, species not determined	Total 150 — 0 Calves at sighting
						Position: 144° / 1020 m Direction: West; Behavior: Moderate travel	
Good 20%	2	Fuzzy / 3	08	11:33:00 PDT	18:33-GMT	SW unidentified large whale	Total 1 — 0 Calves at sighting
						Position: 138° / 3088 m Direction: West; Behavior: Slow travel	
Good 20%	2	Fuzzy / 3	09	11:34:00 PDT	18:34-GMT	S Gray whale (northbound)	Total 2 — 0 Calves at sighting
						Position: 159° / 2260 m Direction: West; Behavior: Slow travel	
Good 30%	2	Fuzzy / 3	10	12:20:00 PDT	19:20-GMT	V Oil services Crew boat	1 vessel
						Position: 158° / 3088 m Direction: West	
Good 30%	2	Fuzzy / 3	11	12:33:00 PDT	19:33-GMT	S Gray whale (northbound)	Total 2 — 0 Calves at sighting
						Position: 100° / 3088 m Direction: West; Behavior: Slow travel	
Good 30%	2	Fuzzy / 3	12	12:48:00 PDT	19:48-GMT	V Oil services Crew boat	1 vessel
						Position: 258° / 3088 m Direction: South	
Good 30%	2	Fuzzy / 3	13	12:48:00 PDT	19:48-GMT	V Fish Commercial Urchin Diving Carol E L533-9	1 vessel
						Position: 245° / 946 m Direction: East	

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Poor 50% 4 Fuzzy / 3	14 13:35:00 PDT	20:35-GMT SW unidentified large whale Position: 116° / 1106 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Apr 06 Day 55 of 98			
CCvr Bft Horiz - Vis			
Fair 20% 2 Fuzzy / 2	01 8:56:00 PDT	15:56-GMT S Gray whale (northbound) Position: 148° / 883 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 20% 2 Fuzzy / 2	03 10:15:00 PDT	17:15-GMT V Oil services Crew boat Position: 149° / 3088 m Direction: West	
Fair 20% 2 Fuzzy / 2	04 10:37:00 PDT	17:37-GMT SD Bottlenose dolphin Position: 144° / 330 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 20% 2 Fuzzy / 2	05 10:39:00 PDT	17:39-GMT SP Harbor seal Position: 149° / 220 m Direction: East; Behavior: Slow travel • in kelp	Total 1 — 0 Pups at sighting
Fair 20% 2 Fuzzy / 2	06 10:54:00 PDT	17:54-GMT V Oil services Crew boat Position: 249° / 3528 m Direction: South	1 vessel
Fair 20% 2 Fuzzy / 2	07 11:26:00 PDT	18:26-GMT V Fish Commercial Lobster/Crab Carol E Position: 275° / 3088 m Direction: East	1 vessel
Fair 20% 2 Fuzzy / 2	08 11:51:00 PDT	18:51-GMT S Gray whale (northbound) Position: 102° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 20% 2 Fuzzy / 2	09 12:16:00 PDT	19:16-GMT SD Common dolphin, species not determined Position: 163° / 3088 m Direction: East; Behavior: Foraging	Total 500 — 0 Calves at sighting
Fair 20% 2 Fuzzy / 2	10 12:40:00 PDT	19:40-GMT Images: 2259-65 S Gray whale (northbound) Position: 106° / 1922 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Apr 07 Day 56 of 98			
CCvr Bft Horiz - Vis			
Fair 90% 2 Fuzzy / 3	01 9:00:00 PDT	16:00-GMT V Oil services Crew boat Position: 234° / 2749 m Direction: Still	
Fair 90% 2 Fuzzy / 3	02 9:08:00 PDT	16:08-GMT SD Bottlenose dolphin Position: 126° / 678 m Direction: West; Behavior: Slow travel	Total 8 — 3 Calves at sighting
Fair 90% 3 Fuzzy / 3	03 9:27:00 PDT	16:27-GMT S Gray whale (northbound) Position: 163° / 696 m Direction: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Fair 90% 3 Fuzzy / 3	04 9:58:00 PDT	16:58-GMT SD Bottlenose dolphin Position: 123° / 778 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 90% 3 Fuzzy / 3	05 9:59:00 PDT	16:59-GMT Images: none S Gray whale (northbound) Position: 124° / 1106 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 90% 3 Fuzzy / 3	06 10:13:00 PDT	17:13-GMT V Oil services Crew boat Position: 268° / 3528 m Direction: South	1 vessel
Fair 90% 3 Fuzzy / 3	07 10:24:00 PDT	17:24-GMT SD Bottlenose dolphin Position: 289° / 550 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 90% 3 Fuzzy / 3	08 10:57:00 PDT	17:57-GMT Images: 2268-82 S Gray whale (northbound) Position: 104° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 90% 3 Fuzzy / 3	09 11:02:00 PDT	18:02-GMT V Airship Helicopter X Position: 174° / 200 m Direction: West	1 vessel
Fair 90% 3 Fuzzy / 3	10 11:25:00 PDT	18:25-GMT Images: 2285-87 S Gray whale (northbound) Position: 146° / 5027 m Direction: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Poor 80% 4 Fuzzy / 2	11 12:36:00 PDT	19:36-GMT V Oil services Crew boat Position: 126° / 3088 m Direction: West	1 vessel
Poor 80% 4 Fuzzy / 2	12 12:40:00 PDT	19:40-GMT V Oil services Crew boat Position: 262° / 3528 m Direction: South	1 vessel
Poor 80% 4 Fuzzy / 2	13 13:16:00 PDT	20:16-GMT SD Bottlenose dolphin Position: 149° / 330 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Apr 09 Day 58 of 98			
CCvr Bft Horiz - Vis			
Fair 10% 3 Fuzzy / 2	01 9:05:00 PDT	16:05-GMT V Oil services Crew boat Position: 232° / 2749 m Direction: Still	1 vessel
Fair 10% 3 Fuzzy / 2	02 9:06:00 PDT	16:06-GMT Images: none S Gray whale (northbound) Position: 135° / 1106 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 10% 3 Fuzzy / 2	03 9:11:00 PDT	16:11-GMT S Gray whale (northbound) Position: 163° / 3528 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 2	04 10:12:00 PDT	17:12-GMT Images: 2303-16; 2331-2 S Gray whale (northbound) Position: 153° / 550 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 10% 3 Fuzzy / 2	05 10:24:00 PDT	17:24-GMT V Oil services Crew boat Position: 270° / 3528 m Direction: West	1 vessel
Fair 10% 3 Fuzzy / 2	06 11:05:00 PDT	18:05-GMT SD Bottlenose dolphin Position: 134° / 539 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 2	07 11:13:00 PDT	18:13-GMT Images: 2333-2372 SD Bottlenose dolphin Position: 111° / 883 m Direction: West; Behavior: Slow travel	Total 12 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 2	08 11:17:00 PDT	18:17-GMT V Oil services Crew boat Position: 270° / 3088 m Direction: South	1 vessel
Fair 10% 3 Fuzzy / 2	09 11:46:00 PDT	18:46-GMT Images: 2380-2420 SD Bottlenose dolphin Position: 106° / 946 m Direction: West; Behavior: Slow travel	Total 10 — 0 Calves at sighting
Fair 10% 4 Fuzzy / 2	10 12:07:00 PDT	19:07-GMT SD Bottlenose dolphin Position: 200° / 382 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 10% 4 Fuzzy / 2	11 12:32:00 PDT	19:32-GMT SD Bottlenose dolphin Position: 146° / 338 m Direction: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 2	12 12:33:00 PDT	19:33-GMT V Airship Helicopter X Position: 174° / 300 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 10% 3 Fuzzy / 2	13 13:13:00 PDT	20:13-GMT SD Bottlenose dolphin Position: 188° / 293 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 2	14 13:31:00 PDT	20:31-GMT SD Bottlenose dolphin Position: 152° / 356 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	15 13:51:00 PDT	20:51-GMT V Oil services Crew boat Position: 269° / 3528 m Direction: South	1 vessel
Fair 20% 3 Fuzzy / 2	16 14:23:00 PDT	21:23-GMT SD Bottlenose dolphin Position: 169° / 269 m Direction: East; Behavior: Slow travel • Leap	Total 2 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	17 14:34:00 PDT	21:34-GMT V Oil services Crew boat Position: 253° / 3088 m Direction: South	1 vessel
Fair 20% 3 Fuzzy / 2	18 14:59:00 PDT	21:59-GMT V Oil services Crew boat Position: 280° / 3528 m Direction: North	1 vessel
Fair 20% 3 Fuzzy / 2	19 15:16:00 PDT	22:16-GMT S Gray whale (northbound) Position: 164° / 1331 m Direction: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	20 15:23:00 PDT	22:23-GMT V Oil services Crew boat Position: 150° / 3528 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 2	21 15:28:00 PDT	22:28-GMT V Airship Helicopter Position: 174° / 250 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 2	22 15:42:00 PDT	22:42-GMT S Gray whale (northbound) Position: 122° / 1331 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	23 16:14:00 PDT	23:14-GMT V Airship Helicopter X Position: 174° / 300 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 2	24 16:24:00 PDT	23:24-GMT SW unidentified large whale Position: 214° / 3528 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	25 16:51:00 PDT	23:51-GMT V Oil services Crew boat Position: 279° / 3528 m Direction: South	1 vessel
Fair 20% 3 Fuzzy / 2	26 16:53:00 PDT	23:53-GMT SW unidentified large whale Position: 214° / 600 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

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CCvr	BR	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair 10%	0	Fuzzy / 2	01	9:00:00 PDT	16:00-GMT V Research Diving UCSB Position: 121° / 1483 m Direction: Still	1 vessel
Fair 10%	0	Fuzzy / 2	02	9:00:00 PDT	16:00-GMT V Oil services Crew boat Position: 234° / 2749 m Direction: Still	1 vessel
Fair 10%	0	Fuzzy / 2	03	9:01:00 PDT	16:01-GMT V Oil services Crew boat Position: 167° / 3528 m Direction: East	1 vessel
Fair 10%	0	Fuzzy / 2	04	9:05:00 PDT	16:05-GMT SD Bottlenose dolphin Position: 109° / 1922 m Direction: North; Behavior: Slow travel	Total 3 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 10% 0 Fuzzy / 2	05 9:10:00 PDT	16:10-GMT SP Harbor seal Position: 117° / 778 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 10% 0 Fuzzy / 2	06 10:15:00 PDT	17:15-GMT SP Harbor seal Position: 214° / 183 m Direction: West; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Fair 10% 0 Fuzzy / 2	07 10:22:00 PDT	17:22-GMT SP Harbor seal Position: 133° / 455 m Direction: East; Behavior: Slow travel • in kelp	Total 1 — 0 Pups at sighting
Fair 10% 0 Fuzzy / 2	08 10:42:00 PDT	17:42-GMT V Oil services Crew boat Position: 285° / 3528 m Direction: South	1 vessel
Fair 10% 0 Fuzzy / 2	09 10:51:00 PDT	17:51-GMT V Oil services Crew boat Position: 290° / 3528 m Direction: South	1 vessel
Fair 10% 0 Fuzzy / 2	10 11:09:00 PDT	18:09-GMT S Gray whale (northbound) Position: 114° / 1922 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 10% 0 Fuzzy / 2	11 11:30:00 PDT	18:30-GMT V Oil services Crew boat Position: 269° / 2749 m Direction: South	1 vessel
Fair 10% 0 Fuzzy / 2	12 11:34:00 PDT	18:34-GMT S Gray whale (northbound) Position: 227° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 10% 0 Fuzzy / 2	13 11:44:00 PDT	18:44-GMT V Private Cruising Position: 144° / 2749 m Direction: West	1 vessel
Fair 10% 0 Fuzzy / 2	14 12:36:00 PDT	19:36-GMT V Oil services Crew boat Position: 283° / 3528 m Direction: South	1 vessel
Fair 10% 0 Fuzzy / 2	15 13:11:00 PDT	20:11-GMT Images: 2449-2488 S Gray whale (northbound) Position: 100° / 2749 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 10% 0 Fuzzy / 2	16 13:27:00 PDT	20:27-GMT V Oil services Crew boat Position: 195° / 3088 m Direction: West	1 vessel
Fair 10% 1 Fuzzy / 2	17 13:27:00 PDT	20:27-GMT S Gray whale (northbound) Position: 112° / 1106 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 10% 1 Fuzzy / 2	18 13:38:00 PDT	20:38-GMT Images: 2445-48 V Airship Helicopter N6HE Position: 174° / 50 m Direction: East	1 vessel
Fair 10% 1 Fuzzy / 2	19 14:04:00 PDT	21:04-GMT V Oil services Crew boat Position: 237° / 2749 m Direction: Still	1 vessel
Fair 10% 1 Fuzzy / 2	20 14:27:00 PDT	21:27-GMT V Airship Helicopter Position: 174° / 350 m Direction: East	1 vessel
Fair 10% 1 Fuzzy / 2	21 14:46:00 PDT	21:46-GMT Images: 2490-2500 S Gray whale (northbound) Position: 102° / 2749 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 10% 2 Fuzzy / 2	22 15:24:00 PDT	22:24-GMT Images: 2501-04 V Research Diving Position: 232° / 550 m Direction: East	1 vessel
Fair 10% 3 Fuzzy / 2	23 15:35:00 PDT	22:35-GMT S Gray whale (northbound) Position: 144° / 883 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 10%	3 Fuzzy / 2	24 16:38:00 PDT 23:38-GMT V Oil services Crew boat Position: 281° / 3528 m Direction: South	1 vessel
Apr 11 Day 60 of 98			
CCvr	Bt	Horiz - Vis	
Good 10%	2 Fuzzy / 2	01 10:03:00 PDT 17:03-GMT V Oil services Crew boat Position: 267° / 3528 m Direction: North	1 vessel
Good 10%	2 Fuzzy / 2	02 10:17:00 PDT 17:17-GMT V Oil services Crew boat Position: 273° / 3528 m Direction: South	1 vessel
Good 10%	2 Fuzzy / 2	03 10:22:00 PDT 17:22-GMT SD Common dolphin, species not determined Position: 121° / 3088 m Direction: West; Behavior: Moderate travel • Leap • Parade Line	Total 800 — 0 Calves at sighting
Good 10%	2 Fuzzy / 2	04 11:00:00 PDT 18:00-GMT V Oil services Crew boat Position: 291° / 3528 m Direction: South	1 vessel
Good 10%	2 Fuzzy / 2	05 11:11:00 PDT 18:11-GMT V Airship Helicopter X Position: 174° / 300 m Direction: East	1 vessel
Good 10%	2 Fuzzy / 2	06 11:24:00 PDT 18:24-GMT V Fish Commercial Net Bonnie Mariet Position: 119° / 3088 m Direction: West	1 vessel
Good 10%	2 Fuzzy / 2	07 11:33:00 PDT 18:33-GMT V Private Cruising Position: 236° / 3088 m Direction: East	1 vessel
Good 10%	2 Fuzzy / 2	08 11:45:00 PDT 18:45-GMT SD Bottlenose dolphin Position: 124° / 412 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good 10%	2 Fuzzy / 2	09 12:23:00 PDT 19:23-GMT V Private Sportfishing Position: 103° / 3088 m Direction: West	1 vessel
Good 10%	2 Fuzzy / 2	10 12:24:00 PDT 19:24-GMT V Oil services Crew boat Position: 291° / 3528 m Direction: South	1 vessel
Good 10%	2 Fuzzy / 2	11 12:28:00 PDT 19:28-GMT Images: 2515-18 SD Bottlenose dolphin Position: 127° / 412 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good 10%	2 Fuzzy / 2	12 12:42:00 PDT 19:42-GMT V Oil services Crew boat Position: 276° / 3528 m Direction: North	1 vessel
Good 10%	2 Fuzzy / 2	13 12:45:00 PDT 19:45-GMT S Gray whale (northbound) Position: 265° / 600 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 10%	2 Fuzzy / 2	14 12:53:00 PDT 19:53-GMT SD Bottlenose dolphin Position: 216° / 264 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 10%	2 Fuzzy / 2	15 13:22:00 PDT 20:22-GMT SP Harbor seal Position: 161° / 528 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good 10%	2 Fuzzy / 2	16 13:51:00 PDT 20:51-GMT V Research CINMS R/V Shearwater Position: 143° / 3088 m Direction: North	1 vessel
Fair 10%	3 Fuzzy / 2	17 14:11:00 PDT 21:11-GMT SW unidentified large whale Position: 161° / 388 m Direction: West; Behavior: No direction	Total 1 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 10% 3 Fuzzy / 2	18 14:32:00 PDT	21:32-GMT V Oil services Crew boat Position: 288° / 3528 m Direction: South	1 vessel
Fair 10% 3 Fuzzy / 2	19 14:58:00 PDT	21:58-GMT V Private Cruising Position: 272° / 2260 m Direction: East	1 vessel
Fair 10% 3 Fuzzy / 2	20 14:58:00 PDT	21:58-GMT V Fish Commercial Lobster/Crab Sea Fever Position: 274° / 2749 m Direction: East	1 vessel
Poor 10% 4 Fuzzy / 2	21 15:23:00 PDT	22:23-GMT S Gray whale (northbound) Position: 111° / 1922 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 10% 4 Fuzzy / 2	22 16:29:00 PDT	23:29-GMT V Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel
Poor 10% 4 Fuzzy / 2	23 16:37:00 PDT	23:37-GMT Images: 2541-45 S Gray whale (northbound) Position: 102° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Apr 12 Day 61 of 98			
CCvr Bft Horiz - Vis			
Poor 100% 1 Fuzzy / 1.7	01 9:00:00 PDT	16:00-GMT V Private Cruising Sailboat Position: 214° / 1674 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 1.7	02 9:21:00 PDT	16:21-GMT V Airship Helicopter X Position: 174° / 400 m Direction: East	1 vessel
Poor 100% 1 Fuzzy / 1.7	03 9:28:00 PDT	16:28-GMT SD Bottlenose dolphin Position: 197° / 280 m Direction: East; Behavior: Slow travel • Leap	Total 3 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 1.7	04 9:50:00 PDT	16:50-GMT V Oil services Crew boat Position: 142° / 3528 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 1.7	05 10:13:00 PDT	17:13-GMT S Gray whale (northbound) Position: 101° / 3528 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 90% 1 Fuzzy / 1.7	06 10:50:00 PDT	17:50-GMT V Oil services Crew boat Position: 234° / 2749 m Direction: Still	1 vessel
Poor 90% 1 Fuzzy / 1.7	07 11:04:00 PDT	18:04-GMT V Oil services Crew boat Position: 275° / 3528 m Direction: South	1 vessel
Poor 40% 3 Fuzzy / 2	08 11:58:00 PDT	18:58-GMT S Gray whale (northbound) Position: 108° / 1922 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 40% 3 Fuzzy / 2	09 12:15:00 PDT	19:15-GMT SW unidentified large whale Position: 124° / 1922 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 40% 3 Fuzzy / 2	10 12:33:00 PDT	19:33-GMT V Oil services Crew boat Position: 278° / 3528 m Direction: South	1 vessel
Fair 20% 2 Fuzzy / 2	11 14:18:00 PDT	21:18-GMT V Private Cruising Position: 264° / 3528 m Direction: East	1 vessel
Fair 20% 2 Fuzzy / 2	12 14:38:00 PDT	21:38-GMT V Oil services Crew boat Position: 254° / 3088 m Direction: South	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 20% 3 Fuzzy / 2	13 14:54:00 PDT	21:54-GMT V Oil services Crew boat Position: 142° / 3528 m Direction: North	1 vessel
Apr 13 Day 62 of 98			
CCvr Bt Horiz-Vis			
Poor 100% 0 Fuzzy / 1.7	01 9:03:00 PDT	16:03-GMT SD Bottlenose dolphin Position: 197° / 269 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 0 Fuzzy / 1.7	02 10:51:00 PDT	17:51-GMT Images: 2554-62 V Fish Commercial Urchin Diving 40850 Position: 105° / 2749 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 2	03 12:53:00 PDT	19:53-GMT V Oil services Crew boat Position: 259° / 3528 m Direction: South	1 vessel
Poor 100% 1 Fuzzy / 2	04 13:03:00 PDT	20:03-GMT V Oil services Crew boat Position: 239° / 3528 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 2	05 13:29:00 PDT	20:29-GMT V Oil services Crew boat Position: 283° / 3528 m Direction: South	1 vessel
Poor 100% 1 Fuzzy / 2	06 14:08:00 PDT	21:08-GMT V Fish Commercial Lobster/Crab Carol E L533-9 Position: 270° / 2749 m Direction: East	1 vessel
Poor 100% 1 Fuzzy / 2	07 14:09:00 PDT	21:09-GMT V Oil services Crew boat Position: 144° / 3528 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 2	08 14:24:00 PDT	21:24-GMT V Oil services Crew boat Position: 272° / 3528 m Direction: North	1 vessel
Poor 100% 1 Fuzzy / 2	09 15:12:00 PDT	22:12-GMT V Oil services Crew boat Position: 272° / 3528 m Direction: South	1 vessel
Poor 100% 3 Fuzzy / 2	10 16:21:00 PDT	23:21-GMT S Gray whale (northbound) Position: 178° / 2260 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 3 Fuzzy / 2	11 16:37:00 PDT	23:37-GMT V Oil services Crew boat Position: 245° / 3528 m Direction: South	1 vessel
Apr 14 Day 63 of 98			
CCvr Bt Horiz-Vis			
Poor 100% 2 Fuzzy / 2	01 9:04:00 PDT	16:04-GMT V Oil services Crew boat Position: 234° / 2749 m Direction: Still	1 vessel
Poor 100% 2 Fuzzy / 2	02 9:05:00 PDT	16:05-GMT SD Bottlenose dolphin Position: 181° / 231 m Direction: West; Behavior: Slow travel	Total 4 — 1 Calf at sighting
Poor 100% 2 Fuzzy / 2	03 9:08:00 PDT	16:08-GMT Images: 2565-88 SD Bottlenose dolphin Position: 119° / 412 m Direction: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Poor 100% 2 Fuzzy / 2	04 9:34:00 PDT	16:34-GMT Images: 2589-2603 S Gray whale (northbound) Position: 144° / 696 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 2 Fuzzy / 2	05 10:11:00 PDT	17:11-GMT SP Harbor seal Position: 180° / 209 m Direction: East; Behavior: Slow travel • in kelp • in surf zone	Total 1 — 0 Pups at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Poor 100% 2 Fuzzy / 2	06 10:22:00 PDT	17:22-GMT V Oil services Crew boat Position: 287° / 3528 m Direction: South	1 vessel
Fair 100% 2 Fuzzy / 2	07 10:55:00 PDT	17:55-GMT V Private Sportfishing Boston Whaler Position: 244° / 2260 m Direction: East	1 vessel
Fair 100% 2 Fuzzy / 2	08 11:15:00 PDT	18:15-GMT S Gray whale (northbound) Position: 232° / 5027 m Direction: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Fair 100% 2 Fuzzy / 2	09 11:55:00 PDT	18:55-GMT Images: 2608-9 V Fish Commercial Squid Endurance Position: 123° / 3088 m Direction: East	1 vessel
Fair 100% 2 Fuzzy / 2	10 12:00:00 PDT	19:00-GMT V Private Sportfishing Position: 199° / 678 m Direction: East	1 vessel
Fair 100% 2 Fuzzy / 2	11 12:35:00 PDT	19:35-GMT V Fish Commercial Lobster/Crab Carol E L533-9 Position: 254° / 1922 m Direction: East	1 vessel
Fair 100% 2 Fuzzy / 2	12 12:46:00 PDT	19:46-GMT S Gray whale (northbound) Position: 133° / 913 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 100% 1 Fuzzy / 2	13 13:54:00 PDT	20:54-GMT Images: 2611-15 SD Bottlenose dolphin Position: 220° / 293 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 80% 1 Fuzzy / 2	14 14:03:00 PDT	21:03-GMT V Private Cruising Position: 209° / 1922 m Direction: East	1 vessel
Fair 100% 1 Fuzzy / 2	15 15:00:00 PDT	22:00-GMT V Private Sportfishing Position: 232° / 1674 m Direction: East	1 vessel
Fair 50% 1 Fuzzy / 2	16 15:51:00 PDT	22:51-GMT V Airship Helicopter Position: 174° / 400 m Direction: West	1 vessel
Fair 50% 1 Fuzzy / 2	17 16:02:00 PDT	23:02-GMT S Gray whale (northbound) Position: 137° / 1331 m Direction: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair 30% 1 Fuzzy / 2	18 16:24:00 PDT	23:24-GMT V Fish Commercial Net New Hazzard Position: 186° / 3088 m Direction: East	1 vessel
Fair 30% 1 Fuzzy / 2	19 16:34:00 PDT	23:34-GMT SW unidentified large whale Position: 172° / 3528 m Direction: West; Behavior: Slow travel • Breach	Total 1 — 0 Calves at sighting
Apr 15 Day 64 of 98			
CCvr Bft Horiz - Vis			
Fair 30% 2 Fuzzy / 2	01 9:00:00 PDT	16:00-GMT V Oil services Crew boat Position: 234° / 2749 m Direction: Still	1 vessel
Fair 30% 2 Fuzzy / 2	02 9:02:00 PDT	16:02-GMT V Oil services Crew boat Position: 287° / 3528 m Direction: North	1 vessel
Fair 30% 2 Fuzzy / 2	03 9:04:00 PDT	16:04-GMT Images: 2619-33 S Gray whale (northbound) Position: 114° / 1922 m Direction: West; Behavior: Slow travel • Fluke	Total 2 — 1 Calf at sighting
Fair 30% 2 Fuzzy / 2	04 9:13:00 PDT	16:13-GMT Images: 2616-17 S Gray whale (northbound) Position: 130° / 440 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 30% 2 Fuzzy / 2	05 9:24:00 PDT	16:24-GMT Images: 2634-44 SD Common dolphin, species not determined Position: 135° / 778 m Direction: West; Behavior: Slow travel • Foraging	Total 250 — 0 Calves at sighting
Fair 40% 2 Fuzzy / 2	06 10:03:00 PDT	17:03-GMT V Oil services Crew boat Position: 277° / 3528 m Direction: South	1 vessel
Fair 40% 2 Fuzzy / 2	07 10:20:00 PDT	17:20-GMT Images: 2645-7 SD Common dolphin, species not determined Position: 138° / 1483 m Direction: West; Behavior: Moderate travel	Total 150 — 0 Calves at sighting
Fair 30% 3 Fuzzy / 2	08 10:43:00 PDT	17:43-GMT S Gray whale (northbound) Position: 126° / 778 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 30% 3 Fuzzy / 3	09 11:40:00 PDT	18:40-GMT S Gray whale (northbound) Position: 102° / 3088 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 30% 3 Fuzzy / 3	10 12:31:00 PDT	19:31-GMT V Private Cruising Oriana Position: 126° / m Direction: West	1 vessel
Fair 30% 3 Fuzzy / 3	11 12:33:00 PDT	19:33-GMT V Oil services Crew boat Position: 289° / 3528 m Direction: South	1 vessel
Fair 30% 3 Fuzzy / 3	12 12:50:00 PDT	19:50-GMT V Airship Helicopter SBOP Position: 174° / 400 m Direction: West	1 vessel

Apr 17 Day 66 of 98

CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair 10%	3	Fuzzy / 2	01	9:01:00 PDT	16:01-GMT SP Harbor seal Position: 103° / 539 m Direction: North; Behavior: Dive • in kelp	Total 1 — 0 Pups at sighting
Fair 10%	3	Fuzzy / 2	02	9:06:00 PDT	16:06-GMT Images: 2664 V Research Diving UCSB Position: 180° / 3088 m Direction: Still	1 vessel
Fair 10%	3	Fuzzy / 2	03	9:17:00 PDT	16:17-GMT V Airship Helicopter Position: 174° / 300 m Direction: East	1 vessel
Fair 10%	3	Fuzzy / 3	04	9:39:00 PDT	16:39-GMT S Gray whale (northbound) Position: 127° / 3528 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 10%	3	Fuzzy / 3	05	10:33:00 PDT	17:33-GMT V Oil services Crew boat Position: 290° / 3528 m Direction: South	1 vessel
Fair 10%	3	Fuzzy / 3	06	10:51:00 PDT	17:51-GMT V Oil services Crew boat Position: 277° / 2749 m Direction: South	1 vessel
Fair 10%	4	Fuzzy / 3	07	11:16:00 PDT	18:16-GMT V Oil services Crew boat Position: 270° / 3528 m Direction: North	1 vessel
Fair 10%	4	Fuzzy / 3	08	11:55:00 PDT	18:55-GMT Images: 2665-2687 S Gray whale (northbound) Position: 128° / 696 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 10%	4	Fuzzy / 2	09	12:08:00 PDT	19:08-GMT V Oil services Crew boat Position: 289° / 3528 m Direction: South	1 vessel
Poor 10%	5	Fuzzy / 2	Off-Effort 10	12:25:00 PDT	19:25-GMT V Airship Helicopter SBOP Position: 174° / 250 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

	Number	Time Code	Species / Vessel Type	
Poor 10% 5 Fuzzy / 2	Off-Effort 11	12:32:00 PDT S	19:32-GMT Images: 2691-2740 Gray whale (northbound) Position: 111° / 913 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Apr 18 Day 67 of 98				
CCvr Bft Horiz - Vis				
Good 10% 1 Fuzzy / 2	01	9:00:00 PDT V	16:00-GMT Oil services Crew boat Position: 239° / 2749 m Direction: Still	1 vessel
Good 10% 1 Fuzzy / 2	02	9:00:00 PDT V	16:00-GMT Oil services Crew boat Position: 234° / 2749 m Direction: Still	1 vessel
Good 10% 1 Fuzzy / 2	03	9:01:00 PDT V	16:01-GMT Images: 2741-5, 2988-3011 Fish Commercial Urchin Diving 40280 Position: 102° / 1922 m Direction: West	1 vessel
Good 10% 1 Fuzzy / 2	04	9:01:00 PDT V	16:01-GMT Private Cruising Sailboat motoring Aventura Position: 109° / 2260 m Direction: West	1 vessel
Good 10% 1 Fuzzy / 2	05	9:04:00 PDT V	16:04-GMT Fish Commercial Lobster/Crab Kaylee J Position: 100° / 3088 m Direction: Still	1 vessel
Good 10% 1 Fuzzy / 3	06	10:36:00 PDT V	17:36-GMT Oil services Crew boat Position: 240° / 3528 m Direction: South	1 vessel
Good 10% 1 Fuzzy / 3	07	10:37:00 PDT V	17:37-GMT Oil services Crew boat Position: 288° / 3528 m Direction: South	1 vessel
Good 10% 1 Fuzzy / 3	08	10:44:00 PDT V	17:44-GMT Images: 2761,3,5 Fish Commercial Urchin Diving L24020 Position: 104° / 3088 m Direction: West	1 vessel
Good 10% 1 Fuzzy / 3	09	11:00:00 PDT SP	18:00-GMT Harbor seal Position: 94° / 338 m Direction: Still; Behavior: in open water	Total 1 — 0 Pups at sighting
Good 10% 1 Fuzzy / 3	10	11:24:00 PDT V	18:24-GMT Images: 2774-8 Fish Commercial Urchin Diving Position: 122° / 3088 m Direction: West	1 vessel
Good 10% 1 Fuzzy / 3	11	11:34:00 PDT V	18:34-GMT Oil services Crew boat Position: 270° / 3528 m Direction: North	1 vessel
Good 10% 1 Fuzzy / 3	12	12:13:00 PDT SP	19:13-GMT Harbor seal Position: 160° / 264 m Direction: West; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Good 10% 1 Fuzzy / 3	13	12:18:00 PDT S	19:18-GMT Images: none Gray whale (northbound) Position: 157° / 696 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 10% 2 Fuzzy / 3	14	12:32:00 PDT V	19:32-GMT Oil services Crew boat Position: 286° / 3088 m Direction: South	1 vessel
Good 10% 2 Fuzzy / 3	15	12:38:00 PDT V	19:38-GMT Images: 2780-2 Fish Commercial Urchin Diving Position: 116° / 3088 m Direction: West	1 vessel
Good 10% 2 Fuzzy / 3	16	12:38:00 PDT V	19:38-GMT Images: 2783-5 Fish Commercial Urchin Diving Position: 124° / 3088 m Direction: West	1 vessel
Excellent 10% 2 Fuzzy / 3	17	13:09:00 PDT V	20:09-GMT Private Cruising Sailboat motoring Voyager II Position: 239° / 778 m Direction: East	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 10% 3 Fuzzy / 3	18 13:22:00 PDT	20:22-GMT SD Bottlenose dolphin Position: 224° / 356 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good 10% 3 Fuzzy / 3	19 13:26:00 PDT	20:26-GMT V Fish Commercial Lobster/Crab Carol E L533-9 Position: 247° / 1106 m Direction: East	1 vessel
Good 10% 3 Fuzzy / 3	20 14:24:00 PDT	21:24-GMT Images: 2797-2801 SD Bottlenose dolphin Position: 248° / 314 m Direction: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Excellent 10% 2 Fuzzy / 3	21 14:43:00 PDT	21:43-GMT Images: 2803-2861 S Gray whale (northbound) Position: 99° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Excellent 10% 2 Fuzzy / 3	22 14:51:00 PDT	21:51-GMT V Oil services Crew boat Position: 237° / 3088 m Direction: South	1 vessel
Excellent 10% 2 Fuzzy / 3	23 14:55:00 PDT	21:55-GMT V Fish Commercial Urchin Diving L58309 Position: 137° / 1922 m Direction: West	1 vessel
Good 10% 3 Fuzzy / 3	24 16:12:00 PDT	23:12-GMT Images: 2863-2893 S Gray whale (northbound) Position: 112° / 2260 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 10% 3 Fuzzy / 3	25 16:37:00 PDT	23:37-GMT Images: 2895-2938 S Gray whale (northbound) Position: 124° / 600 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 10% 3 Fuzzy / 3	26 16:45:00 PDT	23:45-GMT SD Bottlenose dolphin Position: 214° / 231 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 3	27 16:51:00 PDT	23:51-GMT Images: 2941-2986 S Gray whale (northbound) Position: 97° / 3088 m Direction: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Fair 10% 3 Fuzzy / 3	28 17:18:00 PDT	0:18; 4/19/2013-GMT Images: 3012-3037 S Gray whale (northbound) Position: 99° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

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CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair	20%	1	Fuzzy / 2	01 9:00:00 PDT	16:00-GMT V Private Sportfishing Position: 289° / 1403 m Direction: West	1 vessel
Fair	20%	1	Fuzzy / 2	02 9:03:00 PDT	16:03-GMT V Fish Commercial Lobster/Crab Sea Fever Position: 280° / 3088 m Direction: East	1 vessel
Fair	20%	1	Fuzzy / 2	03 9:10:00 PDT	16:10-GMT V Fish Commercial Urchin Diving L38294 Position: 109° / 1922 m Direction: West	1 vessel
Fair	20%	1	Fuzzy / 2	04 9:34:00 PDT	16:34-GMT Images: 3039-3151 S Gray whale (northbound) Position: 124° / 883 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	1	Fuzzy / 2	05 9:43:00 PDT	16:43-GMT Images: 3057-61, 3160-62 V Research Diving UCSB Position: 181° / 778 m Direction: West	1 vessel
Fair	20%	2	Fuzzy / 2	06 10:13:00 PDT	17:13-GMT V Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel
Fair	20%	2	Fuzzy / 2	07 10:33:00 PDT	17:33-GMT SP Harbor seal Position: 105° / 528 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 20% 2 Fuzzy / 2	08 10:41:00 PDT	17:41-GMT SD Common dolphin, species not determined Position: 109° / 2749 m Direction: West; Behavior: Slow travel	Total 75 — 0 Calves at sighting
Fair 20% 1 Fuzzy / 2	09 11:13:00 PDT	18:13-GMT V Airship Helicopter Position: 174° / 200 m Direction: West	1 vessel
Fair 20% 1 Fuzzy / 2	10 11:20:00 PDT	18:20-GMT V Airship Helicopter Position: 174° / 30 m Direction: West	1 vessel
Fair 20% 1 Fuzzy / 2	11 11:42:00 PDT	18:42-GMT V Oil services Crew boat Position: 287° / 3528 m Direction: South	1 vessel
Fair 20% 1 Fuzzy / 2	12 12:10:00 PDT	19:10-GMT V Research Diving UCSB Position: 104° / 2749 m Direction: Still	1 vessel
Fair 20% 1 Fuzzy / 2	13 12:28:00 PDT	19:28-GMT V Oil services Crew boat Position: 281° / 3528 m Direction: South	1 vessel
Fair 20% 1 Fuzzy / 2	14 12:32:00 PDT	19:32-GMT SP Harbor seal Position: 265° / 227 m Direction: West	Total 1 — 0 Pups at sighting
Fair 10% 1 Fuzzy / 2	15 14:29:00 PDT	21:29-GMT Images: 3153-5 V Private Sportfishing Position: 272° / 1403 m Direction: East	1 vessel
Fair 10% 1 Fuzzy / 2	16 14:32:00 PDT	21:32-GMT V Fish Commercial Squid Position: 123° / 3088 m Direction: West	1 vessel
Fair 10% 1 Fuzzy / 2	17 14:33:00 PDT	21:33-GMT Images: 3156-7 V Private Sportfishing Position: 283° / 1922 m Direction: East	1 vessel
Fair 10% 1 Fuzzy / 2	18 14:40:00 PDT	21:40-GMT V Oil services Crew boat Position: 279° / 3088 m Direction: South	1 vessel
Fair 10% 1 Fuzzy / 2	19 14:42:00 PDT	21:42-GMT V Oil services Crew boat Position: 133° / 3528 m Direction: West	1 vessel
Fair 10% 1 Fuzzy / 2	20 15:05:00 PDT	22:05-GMT V Private Sportfishing Position: 212° / 600 m Direction: East	1 vessel
Fair 10% 1 Fuzzy / 2	21 16:05:00 PDT	23:05-GMT Images: 3163-3204 S Gray whale (northbound) Position: 164° / 366 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 10% 1 Fuzzy / 2	22 16:22:00 PDT	23:22-GMT V Oil services Crew boat Position: 291° / 3528 m Direction: South	1 vessel

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CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Poor 10%	4	Fuzzy / 1.7	01	9:01:00 PDT	16:01-GMT V Private Cruising Sailboat Position: 158° / 1403 m Direction: West	1 vessel
Poor 10%	4	Fuzzy / 1.7	02	9:11:00 PDT	16:11-GMT V Oil services Crew boat Position: 272° / 3528 m Direction: North	1 vessel
Poor 10%	4	Fuzzy / 1.7	03	9:37:00 PDT	16:37-GMT SD Bottlenose dolphin Position: 246° / 231 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Poor 10% 4 Fuzzy / 1.7	04 9:38:00 PDT	16:38-GMT Images: 3205-3222 S Gray whale (northbound) Position: 133° / 661 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor 10% 3 Fuzzy / 2	05 10:17:00 PDT	17:17-GMT V Oil services Crew boat Position: 289° / 3528 m Direction: North	1 vessel
Poor 10% 3 Fuzzy / 2	06 10:43:00 PDT	17:43-GMT Images: 3224-3247 S Gray whale (northbound) Position: 147° / 661 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor 10% 3 Fuzzy / 2	07 11:12:00 PDT	18:12-GMT V Oil services Crew boat Position: 270° / 3528 m Direction: South	1 vessel
Fair 10% 2 Fuzzy / 2	08 12:25:00 PDT	19:25-GMT Images: 3251-3257 S Gray whale (northbound) Position: 134° / 1106 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 10% 2 Fuzzy / 2	09 12:26:00 PDT	19:26-GMT Images: 3249 V Fish Commercial Lobster/Crab Kaylee J Position: 223° / 778 m Direction: East	1 vessel
Fair 10% 2 Fuzzy / 2	10 12:48:00 PDT	19:48-GMT Images: 3258-3270 SD Common dolphin, species not determined Position: 124° / 883 m Direction: West; Behavior: Moderate travel • Foraging • Leap	Total 2000 — 0 Calves at sighting
Fair 10% 2 Fuzzy / 2	11 13:08:00 PDT	20:08-GMT Images: 3274-3338 S Gray whale (northbound) Position: 126° / 600 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 10% 2 Fuzzy / 2	12 13:32:00 PDT	20:32-GMT Images: 3340-1 V Fish Commercial Lobster/Crab L02086 24290 Position: 112° / 1208 m Direction: West	1 vessel
Fair 10% 2 Fuzzy / 2	13 13:47:00 PDT	20:47-GMT V Private Sportfishing Position: 236° / 489 m Direction: East	1 vessel
Fair 10% 2 Fuzzy / 2	14 13:51:00 PDT	20:51-GMT SP Harbor seal Position: 107° / 280 m Direction: West; Behavior: in open water • Slow travel	Total 1 — 0 Pups at sighting
Fair 10% 1 Fuzzy / 2	15 13:53:00 PDT	20:53-GMT Images: 3342-6 V Private Cruising RHIB Position: 102° / 3088 m Direction: West	1 vessel
Fair 10% 1 Fuzzy / 2	16 14:02:00 PDT	21:02-GMT Images: 3348-3371 S Gray whale (northbound) Position: 104° / 2260 m Direction: West; Behavior: Slow travel • Breach	Total 2 — 1 Calf at sighting
Fair 10% 1 Fuzzy / 2	17 14:28:00 PDT	21:28-GMT SD Bottlenose dolphin Position: 111° / 696 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 10% 2 Fuzzy / 2	18 15:10:00 PDT	22:10-GMT V Private Cruising Sailboat Position: 213° / 3088 m Direction: Still	1 vessel
Fair 10% 2 Fuzzy / 2	19 15:12:00 PDT	22:12-GMT Images: 3374-3382 S Gray whale (northbound) Position: 103° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 10% 2 Fuzzy / 2	20 15:52:00 PDT	22:52-GMT V Oil services Crew boat Position: 139° / 3528 m Direction: West	1 vessel
Fair 10% 3 Fuzzy / 2	21 16:03:00 PDT	23:03-GMT Images: 3384-3419 S Gray whale (northbound) Position: 110° / 2260 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 10% 2 Fuzzy / 2	22 16:40:00 PDT	23:40-GMT V Oil services Crew boat Position: 287° / 3528 m Direction: South	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 10% 2 Fuzzy / 2	23 16:41:00 PDT	23:41-GMT Images: 3422-3434 S Gray whale (northbound) Position: 103° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 10% 2 Fuzzy / 2	24 16:52:00 PDT	23:52-GMT V Fish Commercial Sportfishing Stardust Position: 224° / 2260 m Direction: East	1 vessel
Fair 10% 2 Fuzzy / 2	25 17:18:00 PDT	0:18; 4/21/2013-GMT V Oil services Crew boat Position: 234° / 2749 m Direction: Still	1 vessel
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CCvr Bft Horiz-Vis			
Good 10% 2 Fuzzy / 3	01 9:01:00 PDT	16:01-GMT V Oil services Crew boat Position: 285° / 3088 m Direction: North	1 vessel
Good 10% 2 Fuzzy / 3	02 9:03:00 PDT	16:03-GMT V Oil services Crew boat Position: 239° / 2749 m Direction: Still	1 vessel
Good 10% 2 Fuzzy / 3	03 9:05:00 PDT	16:05-GMT V Private Cruising Sailboat motoring Whitecap Position: 163° / 1331 m Direction: West	1 vessel
Good 10% 2 Fuzzy / 3	04 9:10:00 PDT	16:10-GMT SP Harbor seal Position: 119° / 696 m Direction: East; Behavior: in kelp • Slow travel	Total 1 — 0 Pups at sighting
Good 10% 2 Fuzzy / 3	05 9:13:00 PDT	16:13-GMT SP Harbor seal Position: 156° / 489 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good 10% 2 Fuzzy / 3	06 10:09:00 PDT	17:09-GMT V Fish Commercial Urchin Diving L02086 24290 Position: 108° / 2749 m Direction: West	1 vessel
Good 10% 2 Fuzzy / 3	07 10:16:00 PDT	17:16-GMT V Touring Whale watching Condor (original) Position: 99° / 3088 m Direction: West	1 vessel
Good 10% 2 Fuzzy / 3	08 10:21:00 PDT	17:21-GMT V Private Cruising Sailboat motoring Position: 137° / 1922 m Direction: West	1 vessel
Good 10% 2 Fuzzy / 3	09 10:25:00 PDT	17:25-GMT Images: 3436-3443 S Gray whale (northbound) Position: 102° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 10% 2 Fuzzy / 3	10 10:53:00 PDT	17:53-GMT V Private Cruising Position: 189° / 1020 m Direction: East	1 vessel
Good 10% 2 Fuzzy / 3	11 11:34:00 PDT	18:34-GMT SP Harbor seal Position: 208° / 264 m Direction: East; Behavior: in kelp • Slow travel • Dive	Total 1 — 0 Pups at sighting
Fair 10% 2 Fuzzy / 1.7	12 12:24:00 PDT	19:24-GMT SD Bottlenose dolphin Position: 103° / 1483 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 10% 2 Fuzzy / 1.7	13 12:27:00 PDT	19:27-GMT SD Bottlenose dolphin Position: 111° / 1106 m Direction: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 10% 2 Fuzzy / 1.7	14 12:30:00 PDT	19:30-GMT SD Bottlenose dolphin Position: 129° / 661 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 90% 3 Fuzzy / 1	Off-Effort 15 12:41:00 PDT	19:41-GMT SD Bottlenose dolphin Position: 129° / 412 m Direction: West; Behavior: Slow travel	Total 8 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Apr 22 Day 71 of 98			
CCvr	Bfr	Horiz - Vis	
Fair 100%	3	Fuzzy / 2	
01	9:00:00 PDT	16:00-GMT V Oil services Crew boat Position: 239° / 2749 m Direction: Still	1 vessel
Fair 100%	3	Fuzzy / 2	
02	9:08:00 PDT	16:08-GMT V Private Cruising Sailboat motoring Position: 122° / 1403 m Direction: West	1 vessel
Fair 100%	3	Fuzzy / 2	
03	9:13:00 PDT	16:13-GMT Images: 3516-3550 S Gray whale (northbound) Position: 117° / 1106 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 100%	3	Fuzzy / 2	
04	9:47:00 PDT	16:47-GMT SD Bottlenose dolphin Position: 129° / 377 m Direction: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair 100%	3	Fuzzy / 2	
05	9:55:00 PDT	16:55-GMT SP Harbor seal Position: 169° / 100 m Direction: East; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Fair 100%	3	Fuzzy / 2	
06	10:03:00 PDT	17:03-GMT V Oil services Crew boat Position: 248° / 3088 m Direction: South	1 vessel
Fair 100%	3	Fuzzy / 2	
07	10:06:00 PDT	17:06-GMT V Oil services Oil-spill recovery Ocean Guardian Position: 224° / 3088 m Direction: East	1 vessel
Fair 100%	3	Fuzzy / 2	
08	10:18:00 PDT	17:18-GMT V Fish Commercial Lobster/Crab L38294 Position: 107° / 3088 m Direction: West	1 vessel
Fair 100%	3	Fuzzy / 2	
09	10:59:00 PDT	17:59-GMT Images: 3555-3585 S Gray whale (northbound) Position: 100° / 2260 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 30%	1	Fuzzy / 2	
10	12:25:00 PDT	19:25-GMT V Oil services Crew boat Position: 289° / 3528 m Direction: South	1 vessel
Good 30%	1	Fuzzy / 2	
11	12:35:00 PDT	19:35-GMT SP Harbor seal Position: 101° / 827 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good 30%	1	Fuzzy / 2	
12	12:47:00 PDT	19:47-GMT Images: 3592-4 V Private Sportfishing 1030136 Position: 109° / 3088 m Direction: West	1 vessel
Good 30%	1	Fuzzy / 2	
13	13:09:00 PDT	20:09-GMT V Fish Commercial Lobster/Crab Carol E L533-9 Position: 251° / 1331 m Direction: East	1 vessel
Good 30%	1	Fuzzy / 2	
14	13:18:00 PDT	20:18-GMT V Oil services Oil-spill recovery Ocean Guardian Position: 128° / 3528 m Direction: West	1 vessel
Good 30%	1	Fuzzy / 2	
15	13:44:00 PDT	20:44-GMT Images: 3599-3644 S Gray whale (northbound) Position: 149° / 356 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 30%	1	Fuzzy / 2	
16	13:57:00 PDT	20:57-GMT Images: 3649 V Private Cruising Sailboat Position: 253° / 1483 m Direction: East	1 vessel
Good 30%	1	Fuzzy / 2	
17	14:04:00 PDT	21:04-GMT V Fish Commercial Urchin Diving CF0302KV Position: 213° / 1922 m Direction: West	1 vessel
Good 30%	1	Fuzzy / 2	
18	14:09:00 PDT	21:09-GMT Images: 3649-3658 S Gray whale (northbound) Position: 153° / 600 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 30% 1 Fuzzy / 2	19 14:43:00 PDT	21:43-GMT V Oil services Crew boat Position: 271° / 3528 m Direction: East	1 vessel
Good 30% 1 Fuzzy / 2	20 14:49:00 PDT	21:49-GMT V Fish Commercial Urchin Diving Position: 125° / 3088 m Direction: West	1 vessel
Good 30% 1 Fuzzy / 2	21 15:03:00 PDT	22:03-GMT Images: 3661-3727 S Gray whale (northbound) Position: 99° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 20% 1 Fuzzy / 2	22 15:12:00 PDT	22:12-GMT V Oil services Crew boat Position: 275° / 3528 m Direction: South	1 vessel
Good 20% 1 Fuzzy / 2	23 15:49:00 PDT	22:49-GMT V Oil services Crew boat Position: 283° / 3528 m Direction: North	1 vessel
Good 20% 1 Fuzzy / 2	24 16:50:00 PDT	23:50-GMT Images: 3729-3787 S Gray whale (northbound) Position: 99° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 20% 1 Fuzzy / 2	25 17:22:00 PDT	0:22; 4/23/2013-GMT SD Bottlenose dolphin Position: 125° / 550 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
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CCvr Bft Horiz -Vis			
Fair 100% 1 Fuzzy / 2	01 9:20:00 PDT	16:20-GMT V Oil services Crew boat Position: 240° / 3088 m Direction: Still	1 vessel
Fair 100% 1 Fuzzy / 2	02 9:31:00 PDT	16:31-GMT Images: 3788-3820 S Gray whale (northbound) Position: 103° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 100% 1 Fuzzy / 2	03 10:21:00 PDT	17:21-GMT V Oil services Crew boat Position: 193° / 3528 m Direction: South	1 vessel
Fair 100% 1 Fuzzy / 2	04 10:22:00 PDT	17:22-GMT V Fish Commercial Lobster/Crab L38294 Position: 121° / 1922 m Direction: West	1 vessel
Fair 100% 1 Fuzzy / 2	05 10:25:00 PDT	17:25-GMT SP Harbor seal Position: 188° / 50 m Direction: West; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair 100% 1 Fuzzy / 2	06 10:27:00 PDT	17:27-GMT SD Bottlenose dolphin Position: 136° / 412 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 100% 0 Fuzzy / 2	07 10:28:00 PDT	17:28-GMT Images: 3827-32 S Gray whale (northbound) Position: 123° / 913 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 100% 0 Fuzzy / 2	08 10:45:00 PDT	17:45-GMT SD unidentified dolphin Position: 204° / 212 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 100% 0 Fuzzy / 2	09 10:48:00 PDT	17:48-GMT V Airship Helicopter X Position: 174° / 250 m Direction: West	1 vessel
Fair 100% 0 Fuzzy / 2	10 10:50:00 PDT	17:50-GMT Images: none S Gray whale (northbound) Position: 224° / 412 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 100% 0 Fuzzy / 2	11 11:04:00 PDT	18:04-GMT Images: 3836-3875 S Gray whale (northbound) Position: 127° / 913 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 100% 0 Fuzzy / 2	12 11:28:00 PDT	18:28-GMT SP Harbor seal Position: 134° / 50 m Direction: West; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair 100% 0 Fuzzy / 2	13 12:04:00 PDT	19:04-GMT V Fish Commercial Lobster/Crab Carol E L533-9 Position: 264° / 1403 m Direction: East	1 vessel
Fair 100% 0 Fuzzy / 2	14 12:11:00 PDT	19:11-GMT V Oil services Crew boat Position: 288° / 3528 m Direction: South	1 vessel
Fair 100% 0 Fuzzy / 2	15 12:27:00 PDT	19:27-GMT V Oil services Crew boat Position: 293° / 3528 m Direction: North	1 vessel
Fair 100% 0 Fuzzy / 2	16 12:37:00 PDT	19:37-GMT Images: 3879-3883 SD Bottlenose dolphin Position: 117° / 1106 m Direction: West; Behavior: Slow travel	Total 8 — 0 Calves at sighting
Good 30% 0 Fuzzy / 3	17 14:43:00 PDT	21:43-GMT V Oil services Crew boat Position: 279° / 3528 m Direction: South	1 vessel
Good 30% 0 Fuzzy / 2	18 15:47:00 PDT	22:47-GMT Images: 3886-3919 S Gray whale (northbound) Position: 103° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 20% 1 Fuzzy / 2	19 16:26:00 PDT	23:26-GMT SP Harbor seal Position: 293° / 455 m Direction: Circling; Behavior: Slow travel	Total 1 — 0 Pups at sighting
Good 20% 1 Fuzzy / 2	20 16:49:00 PDT	23:49-GMT V Airship Helicopter X Position: 174° / 260 m Direction: East	1 vessel
Good 20% 1 Fuzzy / 2	21 16:51:00 PDT	23:51-GMT V Oil services Crew boat Position: 288° / 3528 m Direction: South	1 vessel

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CCvr	Bfr	Horiz-Vis	Number	Time Code	Species / Vessel Type	
Poor 100% 2	Fuzzy / 1.7		01	9:00:00 PDT	16:00-GMT V Oil services Crew boat Position: 239° / 2749 m Direction: Still	1 vessel
Poor 100% 2	Fuzzy / 1.7		02	9:01:00 PDT	16:01-GMT Images: 3926 V Research Diving UCSB Position: 118° / 1674 m Direction: Still	1 vessel
Poor 100% 2	Fuzzy / 1.7		03	9:01:00 PDT	16:01-GMT SP Harbor seal Position: 168° / 212 m Direction: West; Behavior: Slow travel • in kelp	Total 1 — 0 Pups at sighting
Poor 100% 2	Fuzzy / 1.7		04	9:09:00 PDT	16:09-GMT Images: 3927-8 V Research Diving UCSB Position: 105° / 3088 m Direction: West	1 vessel
Poor 100% 2	Fuzzy / 1.7		05	9:36:00 PDT	16:36-GMT Images: 3929-3948 S Gray whale (northbound) Position: 148° / 696 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor 100% 1	Fuzzy / 1.7		06	10:01:00 PDT	17:01-GMT Images: 3949-3984 S Gray whale (northbound) Position: 111° / 1483 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor 100% 0	Fuzzy / 1.5		07	10:23:00 PDT	17:23-GMT Images: 3986-4000 S Gray whale (northbound) Position: 107° / 2260 m Direction: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Poor 100% 0	Fuzzy / 1.5		08	10:43:00 PDT	17:43-GMT V Oil services Crew boat Position: 234° / 2749 m Direction: Still	1 vessel

2013 All Sighting Numbers, raw

Number	Time	Species / Vessel Type	
	Code		
Poor 100% 0 Fuzzy / 1.5	09 10:50:00 PDT	17:50-GMT SP Harbor seal Position: 169° / 183 m Direction: East; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Poor 100% 0 Fuzzy / 1.5	10 10:50:00 PDT	17:50-GMT V Oil services Crew boat Position: 275° / 3528 m Direction: South	1 vessel
Poor 100% 1 Fuzzy / 1.5	11 11:11:00 PDT	18:11-GMT Images: 4003-73 S Gray whale (northbound) Position: 99° / 2749 m Direction: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Poor 100% 1 Fuzzy / 1.5	12 12:03:00 PDT	19:03-GMT Images: 4040-1, 4044 V Vessel Assist Position: 129° / 1106 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 1.5	13 12:10:00 PDT	19:10-GMT V Oil services Crew boat Position: 161° / 3528 m Direction: West	1 vessel
Poor 100% 2 Fuzzy / 1.5	14 14:08:00 PDT	21:08-GMT V Oil services Crew boat Position: 279° / 600 m Direction: South	1 vessel
Poor 100% 2 Fuzzy / 1.5	16 14:38:00 PDT	21:38-GMT V Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel
Poor 100% 2 Fuzzy / 1.5	15 14:43:00 PDT	21:43-GMT SD Bottlenose dolphin Position: 177° / 455 m Direction: East; Behavior: Slow travel	Total 9 — 1 Calf at sighting
Poor 100% 2 Fuzzy / 1.7	17 15:14:00 PDT	22:14-GMT Images: none S Gray whale (northbound) Position: 214° / 489 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor 100% 2 Fuzzy / 1.7	18 15:35:00 PDT	22:35-GMT V Fish Commercial Lobster/Crab L38294 Position: 270° / 1483 m Direction: East	1 vessel

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CCvr	Bft	Horiz-Vis			
Fair 30%	0	Fuzzy / 2	01 9:00:00 PDT	16:00-GMT Images: 4086 V Oil services Crew boat Position: 152° / 2260 m Direction: West	1 vessel
Fair 30%	0	Fuzzy / 2	02 9:01:00 PDT	16:01-GMT V Oil services Crew boat Position: 269° / 3088 m Direction: North	1 vessel
Fair 30%	0	Fuzzy / 2	03 9:02:00 PDT	16:02-GMT V Oil services Crew boat Position: 239° / 3088 m Direction: Still	1 vessel
Fair 30%	0	Fuzzy / 2	04 9:03:00 PDT	16:03-GMT SD Bottlenose dolphin Position: 109° / 2260 m Direction: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Fair 30%	0	Fuzzy / 2	04 9:17:00 PDT	16:17-GMT SD Bottlenose dolphin Position: 141° / 827 m Direction: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 30%	0	Fuzzy / 2	06 9:25:00 PDT	16:25-GMT SD Bottlenose dolphin Position: 104° / 1922 m Direction: West; Behavior: Slow travel	Total 7 — 0 Calves at sighting
Fair 30%	0	Fuzzy / 2	07 9:26:00 PDT	16:26-GMT SD Bottlenose dolphin Position: 104° / 1483 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 30%	0	Fuzzy / 2	08 9:33:00 PDT	16:33-GMT Images: 4087-95 SD Bottlenose dolphin Position: 128° / 412 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 30% 0 Fuzzy / 2	09 9:56:00 PDT	16:56-GMT V Oil services Crew boat Position: 271° / 3528 m Direction: North	1 vessel
Fair 30% 1 Fuzzy / 2	10 10:01:00 PDT	17:01-GMT SP Harbor seal Position: 103° / 913 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 30% 1 Fuzzy / 2	11 10:51:00 PDT	17:51-GMT V Oil services Crew boat Position: 289° / 3528 m Direction: South	1 vessel
Fair 30% 1 Fuzzy / 2	12 10:55:00 PDT	17:55-GMT Images: 4109-23 S Gray whale (northbound) Position: 99° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 20% 1 Fuzzy / 2	13 10:56:00 PDT	17:56-GMT V Private Sportfishing Grady White Position: 104° / 3088 m Direction: West	1 vessel
Fair 20% 1 Fuzzy / 2	14 11:02:00 PDT	18:02-GMT V Oil services Crew boat Position: 291° / 3088 m Direction: South	1 vessel
Fair 20% 1 Fuzzy / 2	15 11:24:00 PDT	18:24-GMT Images: 4135-79, 4181-2 S Gray whale (northbound) Position: 118° / 913 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 20% 1 Fuzzy / 3	16 11:43:00 PDT	18:43-GMT S Gray whale (northbound) Position: 106° / 2749 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 20% 1 Fuzzy / 3	17 12:30:00 PDT	19:30-GMT V Oil services Crew boat Position: 291° / 3528 m Direction: South	1 vessel
Fair 20% 1 Fuzzy / 3	18 12:31:00 PDT	19:31-GMT V Oil services Crew boat Position: 268° / 3528 m Direction: North	1 vessel
Fair 20% 1 Fuzzy / 3	19 12:37:00 PDT	19:37-GMT Images: none S Gray whale (northbound) Position: 103° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 20% 1 Fuzzy / 3	20 12:38:00 PDT	19:38-GMT Images: 4191-98, 4210-13 S Gray whale (northbound) Position: 99° / m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 20% 1 Fuzzy / 3	21 13:08:00 PDT	20:08-GMT Images: 4199-4209, 4215-34 S Gray whale (northbound) Position: 124° / 629 m Direction: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Fair 20% 1 Fuzzy / 3	22 13:32:00 PDT	20:32-GMT V Oil services Crew boat Position: 285° / 3528 m Direction: South	1 vessel
Fair 20% 1 Fuzzy / 3	23 13:37:00 PDT	20:37-GMT V Airship Helicopter Position: 174° / 300 m Direction: East	1 vessel
Fair 20% 1 Fuzzy / 3	24 13:44:00 PDT	20:44-GMT V Airship Helicopter X Position: 174° / 30 m Direction: West	1 vessel
Fair 20% 1 Fuzzy / 3	25 14:01:00 PDT	21:01-GMT V Fish Commercial Net Position: 177° / 3088 m Direction: East	1 vessel
Fair 20% 1 Fuzzy / 3	26 14:15:00 PDT	21:15-GMT V Private Cruising Sailboat Position: 169° / 2260 m Direction: West	1 vessel
Fair 30% 3 Fuzzy / 3	27 14:42:00 PDT	21:42-GMT SD Bottlenose dolphin Position: 149° / 412 m Direction: East; Behavior: Slow travel	Total 8 — 2 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 30% 3 Fuzzy / 3	28 14:52:00 PDT	21:52-GMT SD Bottlenose dolphin Position: 123° / 883 m Direction: West; Behavior: Slow travel • Foraging • Leap	Total 6 — 0 Calves at sighting
Fair 30% 3 Fuzzy / 3	29 15:34:00 PDT	22:34-GMT SD Bottlenose dolphin Position: 159° / 388 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 30% 3 Fuzzy / 3	30 15:40:00 PDT	22:40-GMT SD Bottlenose dolphin Position: 236° / 600 m Direction: East; Behavior: Chorus Line	Total 8 — 0 Calves at sighting
Fair 30% 3 Fuzzy / 3	31 15:47:00 PDT	22:47-GMT V Oil services Crew boat Position: 141° / 3528 m Direction: West	1 vessel
Fair 30% 3 Fuzzy / 3	32 15:57:00 PDT	22:57-GMT V Private Cruising Position: 131° / 2260 m Direction: West	1 vessel
Fair 30% 3 Fuzzy / 3	33 16:03:00 PDT	23:03-GMT V Vessel Assist Position: 259° / 2749 m Direction: East	1 vessel
Fair 30% 3 Fuzzy / 3	34 16:37:00 PDT	23:37-GMT Images: 4258-4299 S Gray whale (northbound) Position: 108° / 253 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 30% 3 Fuzzy / 3	35 16:51:00 PDT	23:51-GMT Images: 4301-30 S Gray whale (northbound) Position: 104° / 2260 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 30% 3 Fuzzy / 3	36 17:21:00 PDT	0:21; 4/26/2013-GMT Images: 4333-46 S Gray whale (northbound) Position: 104° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

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CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Good 20%	0	Fuzzy / 3	01	9:00:00 PDT	16:00-GMT V Oil services Crew boat Position: 239° / 2749 m Direction: Still	1 vessel
Good 20%	0	Fuzzy / 3	02	9:03:00 PDT	16:03-GMT S Gray whale (northbound) Position: 112° / 2260 m Direction: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Good 20%	0	Fuzzy / 3	03	9:37:00 PDT	16:37-GMT V Research Cruising UCSB Position: 129° / 1922 m Direction: West	1 vessel
Good 20%	0	Fuzzy / 3	04	9:37:00 PDT	16:37-GMT SP Harbor seal Position: 216° / 212 m Direction: Still; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Good 20%	0	Fuzzy / 3	05	9:43:00 PDT	16:43-GMT Images: 4347-4402 S Gray whale (northbound) Position: 108° / 1483 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 20%	0	Fuzzy / 3	06	10:38:00 PDT	17:38-GMT Images: 4404-6 S Gray whale (northbound) Position: 146° / 678 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 20%	0	Fuzzy / 3	07	10:46:00 PDT	17:46-GMT V Oil services Crew boat Position: 279° / 3528 m Direction: South	1 vessel
Good 20%	0	Fuzzy / 3	08	10:53:00 PDT	17:53-GMT V Oil services Crew boat Position: 294° / 3528 m Direction: South	1 vessel
Good 20%	0	Fuzzy / 3	09	10:56:00 PDT	17:56-GMT SD Bottlenose dolphin Position: 251° / 696 m Direction: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 20% 0 Fuzzy / 3	10 11:09:00 PDT	18:09-GMT Images: 4421-4443 S Gray whale (northbound) Position: 102° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 20% 0 Fuzzy / 3	11 11:17:00 PDT	18:17-GMT Images: 4415-6 V Touring Observation Island Explorer Position: 246° / 1922 m Direction: West	1 vessel
Good 20% 0 Fuzzy / 3	12 11:30:00 PDT	18:30-GMT SD Bottlenose dolphin Position: 115° / 1922 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 20% 0 Fuzzy / 3	13 11:35:00 PDT	18:35-GMT V Airship Airplane Position: 174° / 10 m Direction: West	1 vessel
Good 20% 0 Fuzzy / 3	14 12:11:00 PDT	19:11-GMT V Fish Commercial Squid Lady J Position: 268° / 3088 m Direction: East	1 vessel
Good 20% 0 Fuzzy / 3	15 12:11:00 PDT	19:11-GMT V Fish Commercial Squid California Girl Position: 269° / 3088 m Direction: East	1 vessel
Good 20% 0 Fuzzy / 3	16 12:12:00 PDT	19:12-GMT V Oil services Crew boat Position: 281° / 3528 m Direction: South	1 vessel
Good 20% 0 Fuzzy / 3	17 12:14:00 PDT	19:14-GMT V Oil services Crew boat Position: 277° / 3528 m Direction: North	1 vessel
Good 20% 3 Fuzzy / 3	18 12:29:00 PDT	19:29-GMT Images: 4445-4454 S Gray whale (northbound) Position: 110° / 1674 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 20% 0 Fuzzy / 3	19 13:09:00 PDT	20:09-GMT Images: 4456-7 V Touring Whale watching Condor (original) Position: 116° / 3088 m Direction: West	1 vessel
Good 20% 3 Fuzzy / 3	20 13:23:00 PDT	20:23-GMT S Gray whale (northbound) Position: 198° / 1922 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 30% 3 Fuzzy / 3	21 14:38:00 PDT	21:38-GMT V Oil services Crew boat Position: 234° / 2749 m Direction: West	1 vessel
Good 30% 3 Fuzzy / 3	22 15:31:00 PDT	22:31-GMT V Fish Commercial Lobster/Crab L38294 Position: 278° / 2749 m Direction: East	1 vessel
Good 30% 3 Fuzzy / 3	23 15:54:00 PDT	22:54-GMT V Fish Commercial Lobster/Crab Double Bogey Position: 246° / 1483 m Direction: East	1 vessel
Good 30% 3 Fuzzy / 3	24 16:06:00 PDT	23:06-GMT V Airship Helicopter X Position: 174° / 150 m Direction: West	1 vessel
Good 30% 3 Fuzzy / 3	25 16:07:00 PDT	23:07-GMT V Oil services Crew boat Position: 289° / 3528 m Direction: South	1 vessel
Apr 27 Day 76 of 98			
Fair 10% 2 Fuzzy / 2	01 9:07:00 PDT	16:07-GMT V Oil services Crew boat Position: 283° / 3528 m Direction: North	1 vessel
Fair 10% 2 Fuzzy / 2	02 9:09:00 PDT	16:09-GMT SP Harbor seal Position: 108° / 600 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting

CCvr Bfr Horiz - Vis

2013 All Sighting Numbers, raw

Number	Time	Species / Vessel Type	
Fair 10% 2 Fuzzy / 2	03 9:37:00 PDT	16:37-GMT V Private Cruising Position: 107° / 3088 m Direction: West	1 vessel
Fair 10% 2 Fuzzy / 2	04 9:58:00 PDT	16:58-GMT Images: 4470-4512 S Gray whale (northbound) Position: 103° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 10% 2 Fuzzy / 2	05 10:01:00 PDT	17:01-GMT V Airship Helicopter X Position: 174° / 300 m Direction: East	1 vessel
Fair 10% 2 Fuzzy / 2	06 10:27:00 PDT	17:27-GMT S Gray whale (northbound) Position: 180° / 1331 m Direction: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair 10% 2 Fuzzy / 2	07 10:35:00 PDT	17:35-GMT SD Bottlenose dolphin Position: 206° / 574 m Direction: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 10% 2 Fuzzy / 2	08 10:41:00 PDT	17:41-GMT Images: 4514-4559 S Gray whale (northbound) Position: 107° / 2260 m Direction: West; Behavior: Slow travel • Breach	Total 4 — 2 Calves at sighting
Fair 10% 3 Fuzzy / 2	09 11:35:00 PDT	18:35-GMT SD Bottlenose dolphin Position: 178° / 287 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 2	10 11:44:00 PDT	18:44-GMT Images: 4561-3 SD Bottlenose dolphin Position: 139° / 330 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 2	11 11:56:00 PDT	18:56-GMT SD Bottlenose dolphin Position: 136° / 574 m Direction: West; Behavior: Moderate travel	Total 1 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 2	12 12:12:00 PDT	19:12-GMT Images: none S Gray whale (northbound) Position: 104° / 2749 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 2	13 12:39:00 PDT	19:39-GMT V Private Sportfishing Position: 214° / 778 m Direction: East	1 vessel
Fair 10% 3 Fuzzy / 2	14 12:55:00 PDT	19:55-GMT V Private Cruising Position: 195° / 330 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 2	15 13:05:00 PDT	20:05-GMT Images: 4538-4604 S Gray whale (northbound) Position: 97° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 20% 3 Fuzzy / 2	16 13:06:00 PDT	20:06-GMT V Touring Whale watching Position: 99° / 3088 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 2	17 13:07:00 PDT	20:07-GMT SD Bottlenose dolphin Position: 120° / 1106 m Direction: West; Behavior: Foraging • Slow travel	Total 3 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	18 13:09:00 PDT	20:09-GMT V Private Cruising RHIB Position: 117° / 2749 m Direction: South	1 vessel
Fair 20% 3 Fuzzy / 2	19 13:14:00 PDT	20:14-GMT SD Bottlenose dolphin Position: 107° / 883 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	20 13:25:00 PDT	20:25-GMT V Private Cruising Guilty Position: 100° / 3088 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 2	21 13:26:00 PDT	20:26-GMT V Private Cruising Hydra Position: 206° / 1020 m Direction: East	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 20% 3 Fuzzy / 2	22 13:30:00 PDT	20:30-GMT SD Bottlenose dolphin Position: 121° / 1106 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	23 14:04:00 PDT	21:04-GMT SW unidentified large whale Position: 222° / 2749 m Direction: East	Total 1 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	24 14:18:00 PDT	21:18-GMT SD Bottlenose dolphin Position: 147° / 400 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	25 14:42:00 PDT	21:42-GMT V Airship Helicopter X Position: 174° / 300 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 2	26 14:48:00 PDT	21:48-GMT V Oil services Crew boat Position: 126° / 3528 m Direction: West	1 vessel
Fair 20% 4 Fuzzy / 2	27 14:57:00 PDT	21:57-GMT V Private Cruising Position: 261° / 678 m Direction: Still	1 vessel
Poor 20% 4 Fuzzy / 1.7	28 15:02:00 PDT	22:02-GMT SD Bottlenose dolphin Position: 254° / 400 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 20% 4 Fuzzy / 1.7	29 15:04:00 PDT	22:04-GMT V Private Cruising Position: 260° / 1208 m Direction: East	1 vessel
Poor 20% 3 Fuzzy / 1.7	30 16:08:00 PDT	23:08-GMT SD Bottlenose dolphin Position: 134° / 412 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 20% 3 Fuzzy / 1.7	31 16:21:00 PDT	23:21-GMT Images: 4605-26 S Gray whale (northbound) Position: 99° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor 20% 3 Fuzzy / 1.7	32 16:27:00 PDT	23:27-GMT V Oil services Crew boat Position: 283° / 3528 m Direction: South	1 vessel

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CCvr	Bft	Horiz-Vis		
Fair 100% 2	Fuzzy / 1.7		01 9:00:00 PDT	16:00-GMT V Oil services Crew boat Position: 239° / 2749 m Direction: Still
Fair 100% 2	Fuzzy / 1.7		02 9:00:00 PDT	16:00-GMT V Oil services Crew boat Position: 278° / 2749 m Direction: South
Fair 100% 2	Fuzzy / 1.7		03 9:11:00 PDT	16:11-GMT Images: 4632-77 S Gray whale (northbound) Position: 139° / 539 m Direction: West; Behavior: Slow travel • Spyhop
Fair 100% 2	Fuzzy / 1.7		04 9:37:00 PDT	16:37-GMT Images: 4679-4702 S Gray whale (northbound) Position: 119° / 1483 m Direction: West; Behavior: Slow travel
Fair 100% 1	Fuzzy / 1.7		05 9:56:00 PDT	16:56-GMT Images: 4699 V Fish Commercial 49987 Position: 269° / 1403 m Direction: East
Fair 100% 1	Fuzzy / 1.7		06 9:57:00 PDT	16:57-GMT V Oil services Crew boat Position: 281° / 3528 m Direction: North
Fair 100% 1	Fuzzy / 1.7		07 10:15:00 PDT	17:15-GMT V Oil services Crew boat Position: 284° / 3528 m Direction: South

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Poor 100% 1 Fuzzy / 1.7	08 11:36:00 PDT	18:36-GMT V Private Cruising Position: 100° / 3088 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 1.7	09 11:47:00 PDT	18:47-GMT Images: 4704-870 S Gray whale (northbound) Position: 100° / 3088 m Direction: West; Behavior: Slow travel • Rolling • Breach	Total 4 — 2 Calves at sighting
Poor 100% 1 Fuzzy / 1.7	10 11:55:00 PDT	18:55-GMT Images: 4873-4911 S Gray whale (northbound) Position: 100° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor 100% 1 Fuzzy / 1.7	11 12:36:00 PDT	19:36-GMT V Private Cruising Position: 237° / 1403 m Direction: East	1 vessel
Poor 100% 1 Fuzzy / 1.7	12 12:41:00 PDT	19:41-GMT Images: 4846-53 V Private Cruising RHIB Position: 234° / 678 m Direction: East	1 vessel
Poor 100% 1 Fuzzy / 1.7	13 13:23:00 PDT	20:23-GMT V Private Sportfishing Position: 226° / 1106 m Direction: East	1 vessel
Poor 100% 1 Fuzzy / 1.7	14 14:05:00 PDT	21:05-GMT SD Bottlenose dolphin Position: 174° / 240 m Direction: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 1.7	15 14:41:00 PDT	21:41-GMT SD Bottlenose dolphin Position: 131° / 471 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 1.7	16 14:58:00 PDT	21:58-GMT SD Bottlenose dolphin Position: 117° / 827 m Direction: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 1.7	17 15:04:00 PDT	22:04-GMT Images: 4941-5008 S Gray whale (northbound) Position: 100° / 3088 m Direction: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Poor 100% 1 Fuzzy / 1.7	18 15:14:00 PDT	22:14-GMT V Private Sportfishing Striper Position: 188° / 827 m Direction: East	1 vessel
Poor 100% 1 Fuzzy / 1.7	19 15:17:00 PDT	22:17-GMT Images: 4915-27, 4939 S Gray whale (northbound) Position: 106° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor 100% 2 Fuzzy / 1.7	20 15:48:00 PDT	22:48-GMT Images: none S Gray whale (northbound) Position: 115° / 1106 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor 100% 2 Fuzzy / 1.7	21 15:52:00 PDT	22:52-GMT Images: 5010-53 S Gray whale (northbound) Position: 106° / 1674 m Direction: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Poor 100% 2 Fuzzy / 1.7	22 16:04:00 PDT	23:04-GMT V Fish Commercial Sportfishing Stardust Position: 258° / 1208 m Direction: East	1 vessel
Poor 100% 2 Fuzzy / 1.7	23 16:11:00 PDT	23:11-GMT SD Bottlenose dolphin Position: 198° / 356 m Direction: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 90% 2 Fuzzy / 1.5	24 16:51:00 PDT	23:51-GMT V Oil services Crew boat Position: 248° / 3088 m Direction: South	1 vessel

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CCvr	Bft	Horiz - Vfs	
Poor 100% 1	NV / 1.5	Off-Effort 01	9:00:00 PDT 16:00-GMT V Oil services Crew boat Position: 239° / 2749 m Direction: Still 1 vessel

2013 All Sighting Numbers, raw

	Number	Time Code	Species / Vessel Type	
Poor 100% 1	NV / 1.5	Off-Effort 02	9:06:00 PDT 16:06-GMT V Fish Commercial Urchin Diving Position: 116° / 3088 m Direction: West	1 vessel
Poor 100% 1	Fuzzy / 1.7	03	10:16:00 PDT 17:16-GMT SD Bottlenose dolphin Position: 245° / 356 m Direction: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Poor 100% 1	Fuzzy / 1.7	04	10:42:00 PDT 17:42-GMT SD Bottlenose dolphin Position: 191° / 307 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100% 1	Fuzzy / 2	05	12:03:00 PDT 19:03-GMT Images: none S Gray whale (northbound) Position: 205° / 1922 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 1	Fuzzy / 2	06	12:09:00 PDT 19:09-GMT V Oil services Crew boat Position: 288° / 3528 m Direction: South	1 vessel
Poor 90% 1	Fuzzy / 2	07	12:22:00 PDT 19:22-GMT V Oil services Crew boat Carol E L533-9 Position: 288° / 3528 m Direction: South	1 vessel
Fair 50% 1	Fuzzy / 2	08	13:37:00 PDT 20:37-GMT Images: 5073-5103 S Gray whale (northbound) Position: 100° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 50% 1	Fuzzy / 2	09	14:15:00 PDT 21:15-GMT SD Bottlenose dolphin Position: 224° / 489 m Direction: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 50% 1	Fuzzy / 2	10	14:23:00 PDT 21:23-GMT SP Harbor seal Position: 112° / 827 m Direction: Still	Total 1 — 0 Pups at sighting
Fair 50% 1	Fuzzy / 2	11	14:34:00 PDT 21:34-GMT SP Harbor seal Position: 112° / 827 m Direction: Still	Total 2 — 0 Pups at sighting
Fair 30% 1	Fuzzy / 2	12	14:40:00 PDT 21:40-GMT Images: 5105-27, calf 5113-4 & 5117 S Gray whale (northbound) Position: 133° / 827 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 30% 1	Fuzzy / 2	13	14:48:00 PDT 21:48-GMT V Oil services Crew boat Position: 236° / 3088 m Direction: East	1 vessel
Poor 60% 1	Fuzzy / 2	14	15:54:00 PDT 22:54-GMT Images: 5129-65 S Gray whale (northbound) Position: 111° / 1483 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor 60% 1	Fuzzy / 2	15	16:35:00 PDT 23:35-GMT V Oil services Crew boat Position: 285° / 3088 m Direction: West	1 vessel
Poor 80% 1	Fuzzy / 2	16	16:50:00 PDT 23:50-GMT Images: 5233-5351 S Gray whale (northbound) Position: 100° / 3088 m Direction: West; Behavior: Slow travel	Total 4 — 1 Calf at sighting
Poor 80% 1	Fuzzy / 2	17	17:13:00 PDT 0:13; 4/30/2013-GMT Images: 5199-5230 S Gray whale (northbound) Position: 134° / 778 m Direction: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Poor 80% 1	Fuzzy / 2	18	17:30:00 PDT 0:30; 4/30/2013-GMT SD Bottlenose dolphin Position: 169° / 600 m Direction: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Apr 30 Day 79 of 98				
CCvr	Bfr	Horiz - Vis		
Poor 100% 2	Fuzzy / 1.7	01	9:00:00 PDT 16:00-GMT V Oil services Crew boat Position: 198° / 3088 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Poor 100% 2 Fuzzy / 1.7	02 9:05:00 PDT V	16:05-GMT Oil services Crew boat Position: 276° / 3528 m Direction: North	1 vessel
Poor 100% 1 Fuzzy / 1.7	03 9:53:00 PDT SD	16:53-GMT Bottlenose dolphin Position: 179° / 249 m Direction: East; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 1.7	04 10:00:00 PDT SP	17:00-GMT Harbor seal Position: 184° / 206 m Direction: East; Behavior: Slow travel • in kelp	Total 1 — 0 Pups at sighting
Poor 100% 1 Fuzzy / 1.7	05 10:09:00 PDT V	17:09-GMT Touring Whale watching Condor (original) Position: 102° / 3088 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 1.7	06 10:33:00 PDT S	17:33-GMT Images: 5394-5426 Gray whale (northbound) Position: 99° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor 100% 1 Fuzzy / 1.7	07 10:39:00 PDT V	17:39-GMT Oil services Crew boat Position: 246° / 3088 m Direction: South	1 vessel
Poor 100% 1 Fuzzy / 1.7	08 10:43:00 PDT V	17:43-GMT Private Cruising Sailboat Position: 173° / 1922 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 1.7	09 10:46:00 PDT SD	17:46-GMT Images: 5356-5394 Bottlenose dolphin Position: 285° / 412 m Direction: East; Behavior: Slow travel	Total 14 — 3 Calves at sighting
Poor 100% 1 Fuzzy / 1.7	10 11:05:00 PDT V	18:05-GMT Research Diving UCSB Position: 213° / 1922 m Direction: East	1 vessel
Poor 100% 1 Fuzzy / 1.7	11 11:45:00 PDT S	18:45-GMT Gray whale (northbound) Position: 123° / 1674 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 1 Fuzzy / 1.7	12 11:50:00 PDT V	18:50-GMT Airship Helicopter X Position: 174° / 300 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 1.7	13 12:15:00 PDT V	19:15-GMT Oil services Crew boat Position: 267° / 3088 m Direction: North	1 vessel
Poor 100% 1 Fuzzy / 1.7	14 12:22:00 PDT V	19:22-GMT Airship Helicopter X Position: 174° / 300 m Direction: West	1 vessel
Poor 100% 1 Fuzzy / 1.7	15 12:36:00 PDT SD	19:36-GMT Bottlenose dolphin Position: 198° / 382 m Direction: East; Behavior: Slow travel	Total 6 — 2 Calves at sighting
Poor 100% 1 Fuzzy / 1.7	16 12:56:00 PDT V	19:56-GMT Private Cruising Spunky Position: 121° / 3088 m Direction: West	1 vessel
Poor 100% 0 Fuzzy / 1.7	17 13:15:00 PDT V	20:15-GMT Fish Commercial Position: 161° / 3088 m Direction: West	1 vessel
Poor 100% 0 Fuzzy / 1.7	18 13:24:00 PDT V	20:24-GMT Images: 5431-2 Fish Commercial Island Hooker CF6424SP Position: 105° / 2749 m Direction: West	1 vessel
Poor 100% 0 Fuzzy / 1.7	19 13:28:00 PDT SD	20:28-GMT Images: 5433-5443 Bottlenose dolphin Position: 272° / 539 m Direction: East; Behavior: Slow travel • Foraging	Total 13 — 5 Calves at sighting
Fair 100% 0 Fuzzy / 2	20 13:53:00 PDT V	20:53-GMT Fish Commercial Destiny L27005 670913 Position: 116° / 3088 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 100% 0 Fuzzy / 2	21 14:15:00 PDT	21:15-GMT Images: 5451-5533 S Gray whale (northbound) Position: 106° / 1922 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 100% 0 Fuzzy / 2	22 14:37:00 PDT	21:37-GMT V Fish Commercial Squid Pamela Rose Position: 129° / 3088 m Direction: West	1 vessel
Fair 100% 0 Fuzzy / 2	23 14:39:00 PDT	21:39-GMT V Oil services Crew boat Position: 292° / 3528 m Direction: South	1 vessel
Fair 100% 0 Fuzzy / 2	24 15:00:00 PDT	22:00-GMT V Fish Commercial Sundowner 628101 16576 Position: 252° / 1331 m Direction: West	1 vessel
Fair 100% 0 Fuzzy / 2	25 15:21:00 PDT	22:21-GMT V Airship Helicopter X Position: 174° / 200 m Direction: West	1 vessel
Fair 100% 0 Fuzzy / 2	26 15:26:00 PDT	22:26-GMT SD Bottlenose dolphin Position: 244° / 600 m Direction: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair 100% 0 Fuzzy / 2	27 15:50:00 PDT	22:50-GMT Images: 5534 V Fish Commercial Squid Seeranza Marie 643138 Position: 124° / 3088 m Direction: West	1 vessel
Fair 100% 0 Fuzzy / 2	28 15:57:00 PDT	22:57-GMT Images: 5539 S Gray whale (northbound) Position: 101° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 100% 0 Fuzzy / 2	29 16:07:00 PDT	23:07-GMT SP Harbor seal Position: 100° / 883 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 100% 0 Fuzzy / 2	30 16:08:00 PDT	23:08-GMT V Private Cruising Frankie Boy Position: 175° / 1483 m Direction: West	1 vessel
Fair 100% 0 Fuzzy / 2	31 16:09:00 PDT	23:09-GMT Images: 5535-8 V Private Cruising Boston Whaler Position: 154° / 382 m Direction: East	1 vessel
Fair 100% 2 Fuzzy / 2	32 16:51:00 PDT	23:51-GMT SD Common dolphin, species not determined Position: 135° / 3088 m Direction: West; Behavior: Moderate travel • Leap • Chorus Line	Total 800 — 0 Calves at sighting

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CCvr	Bfr	Horiz	Vis	Number	Time Code	Species / Vessel Type	
Poor	100%	0	Fuzzy / 1.7	01	9:44:00 PDT	16:44-GMT V Oil services Crew boat Position: 284° / 3528 m Direction: North	1 vessel
Fair	100%	0	Fuzzy / 2	02	10:19:00 PDT	17:19-GMT Images: 5540-5555 S Gray whale (northbound) Position: 108° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	100%	0	Fuzzy / 2	03	10:33:00 PDT	17:33-GMT V Oil services Crew boat Position: 253° / 3528 m Direction: South	1 vessel
Fair	100%	0	Fuzzy / 2	04	10:39:00 PDT	17:39-GMT Images: 5594-5 V Airship Helicopter X Position: 174° / 150 m Direction: West	1 vessel
Fair	100%	0	Fuzzy / 2	05	10:43:00 PDT	17:43-GMT V Oil services Crew boat Position: 277° / 3528 m Direction: South	1 vessel
Fair	60%	0	Fuzzy / 2	06	12:12:00 PDT	19:12-GMT SP Harbor seal Position: 101° / 946 m Direction: Still; Behavior: Dive • in kelp	Total 1 — 0 Pups at sighting

2013 All Sighting Numbers, raw

Number	Time	Species / Vessel Type	
	Code		
Fair 60% 0 Fuzzy / 2	07 12:13:00 PDT	19:13-GMT V Private Cruising Sailboat Position: 98° / 2260 m Direction: West	1 vessel
Fair 60% 0 Fuzzy / 2	08 12:17:00 PDT	19:17-GMT V Fish Commercial Lobster/Crab Kaylee J Position: 270° / 3088 m Direction: East	1 vessel
Fair 60% 1 Fuzzy / 2	09 12:31:00 PDT	19:31-GMT V Oil services Crew boat Position: 291° / 3528 m Direction: South	1 vessel
Fair 60% 1 Fuzzy / 2	10 12:48:00 PDT	19:48-GMT Images: 5572-92 S Gray whale (northbound) Position: 122° / 735 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 20% 1 Fuzzy / 2	11 13:13:00 PDT	20:13-GMT V Fish Commercial Urchin Diving Position: 196° / 3088 m Direction: West	1 vessel
Fair 20% 1 Fuzzy / 2	12 13:26:00 PDT	20:26-GMT Images: 5596 V Fish Commercial Urchin Diving CF0302KV Position: 119° / 3088 m Direction: West	1 vessel
Fair 20% 1 Fuzzy / 2	13 13:32:00 PDT	20:32-GMT V Oil services Crew boat Position: 279° / 3528 m Direction: North	1 vessel
Fair 20% 1 Fuzzy / 2	14 13:41:00 PDT	20:41-GMT V Private Cruising Sailboat motoring Position: 124° / 3088 m Direction: West	1 vessel
Fair 20% 1 Fuzzy / 2	15 13:49:00 PDT	20:49-GMT V Oil services Crew boat Position: 147° / 3088 m Direction: West	1 vessel
Fair 20% 1 Fuzzy / 2	16 14:36:00 PDT	21:36-GMT V Oil services Crew boat Position: 283° / 3528 m Direction: South	1 vessel
Fair 20% 1 Fuzzy / 2	17 14:49:00 PDT	21:49-GMT V Airship Helicopter X Position: 174° / 200 m Direction: West	1 vessel
Fair 20% 1 Fuzzy / 3	18 15:35:00 PDT	22:35-GMT V Airship Helicopter X Position: 174° / 200 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 3	19 15:46:00 PDT	22:46-GMT Images: 5607 V Private Cruising Position: 107° / 3088 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 3	20 15:54:00 PDT	22:54-GMT Images: 5609-5641 S Gray whale (northbound) Position: 100° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 20% 3 Fuzzy / 3	21 16:05:00 PDT	23:05-GMT V Private Cruising Sailboat motoring Position: 233° / 2749 m Direction: East	1 vessel
Fair 20% 3 Fuzzy / 3	22 16:15:00 PDT	23:15-GMT Images: none S Gray whale (northbound) Position: 298° / 661 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 20% 3 Fuzzy / 3	23 16:25:00 PDT	23:25-GMT SD Bottlenose dolphin Position: 133° / 778 m Direction: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 3	24 16:29:00 PDT	23:29-GMT V Oil services Crew boat Position: 274° / 3528 m Direction: South	1 vessel
Fair 20% 3 Fuzzy / 3	25 16:35:00 PDT	23:35-GMT V Fish Commercial Lobster/Crab L38294 Position: 266° / 3088 m Direction: East	1 vessel

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Number	Time Code	Species / Vessel Type	
Fair 20% 3 Fuzzy / 3	26 16:36:00 PDT	23:36-GMT Images: 5643-5716 S Gray whale (northbound) Position: 106° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 20% 3 Fuzzy / 3	27 16:44:00 PDT	23:44-GMT V Private Sportfishing Position: 280° / 1922 m Direction: East	1 vessel
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CCvr Bft Horiz-Vis			
Good 30% 1 Fuzzy / 3	01 9:04:00 PDT	16:04-GMT V Oil services Crew boat Position: 239° / 3088 m Direction: Still	1 vessel
Good 30% 1 Fuzzy / 3	02 9:22:00 PDT	16:22-GMT V Airship Helicopter X Position: 174° / 300 m Direction: West	1 vessel
Good 30% 1 Fuzzy / 3	03 9:34:00 PDT	16:34-GMT Images: 5726-66 S Gray whale (northbound) Position: 108° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 30% 1 Fuzzy / 3	04 10:12:00 PDT	17:12-GMT V Oil services Crew boat Position: 294° / 3528 m Direction: South	1 vessel
Good 30% 1 Fuzzy / 3	05 10:20:00 PDT	17:20-GMT Images: 5768-81 S Gray whale (northbound) Position: 104° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 20% 2 Fuzzy / 3	06 10:32:00 PDT	17:32-GMT V Oil services Crew boat Position: 290° / 3528 m Direction: South	1 vessel
Fair 30% 3 Fuzzy / 2	07 11:56:00 PDT	18:56-GMT V Fish Commercial Urchin Diving Position: 223° / 3088 m Direction: East	1 vessel
Fair 30% 3 Fuzzy / 2	08 12:17:00 PDT	19:17-GMT V Fish Commercial Lobster/Crab L38294 Position: 272° / 3088 m Direction: East	1 vessel
Fair 30% 3 Fuzzy / 2	09 12:21:00 PDT	19:21-GMT Images: 5788 V Fish Commercial Line L06657 Position: 289° / 883 m Direction: East	1 vessel
Fair 30% 3 Fuzzy / 3	10 12:26:00 PDT	19:26-GMT V Oil services Crew boat Position: 291° / 3528 m Direction: North	1 vessel
Fair 30% 3 Fuzzy / 3	11 12:28:00 PDT	19:28-GMT Images: 5789-90 V Airship Helicopter M-Luna Position: 174° / 20 m Direction: West	1 vessel
Fair 30% 3 Fuzzy / 3	12 12:28:00 PDT	19:28-GMT V Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel
Fair 30% 3 Fuzzy / 3	13 12:30:00 PDT	19:30-GMT Images: 5792-5821 S Gray whale (northbound) Position: 110° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 30% 3 Fuzzy / 3	14 12:49:00 PDT	19:49-GMT SD Bottlenose dolphin Position: 171° / 778 m Direction: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 30% 3 Fuzzy / 3	15 12:54:00 PDT	19:54-GMT Images: 5822 V Fish Commercial Lobster/Crab L06657 Position: 284° / 1922 m Direction: East	1 vessel
Fair 30% 3 Fuzzy / 3	16 13:01:00 PDT	20:01-GMT Images: 5827-5867 S Gray whale (northbound) Position: 101° / 3528 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 30% 3 Fuzzy / 3	17 13:03:00 PDT	20:03-GMT V Fish Commercial Urchin Diving Position: 217° / 2260 m Direction: East	1 vessel
Fair 30% 3 Fuzzy / 3	18 13:12:00 PDT	20:12-GMT Images: 5824-6, 5829-30, 5833, 5845, 5847-50 V Touring Whale watching Condor (original) Position: 104° / 2749 m Direction: West	1 vessel
Fair 30% 3 Fuzzy / 3	19 13:46:00 PDT	20:46-GMT SD Bottlenose dolphin Position: 246° / 412 m Direction: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 30% 2 Fuzzy / 3	20 14:15:00 PDT	21:15-GMT V Oil services Crew boat Position: 282° / 3528 m Direction: South	1 vessel
Fair 30% 3 Fuzzy / 3	21 14:34:00 PDT	21:34-GMT V Oil services Crew boat Position: 128° / 3528 m Direction: West	1 vessel
Fair 30% 3 Fuzzy / 3	22 14:52:00 PDT	21:52-GMT V Private Cruising Position: 245° / 2749 m Direction: East	1 vessel
Fair 30% 2 Fuzzy / 3	23 15:33:00 PDT	22:33-GMT V Fish Commercial Urchin Diving CF 8668 TA Position: 216° / 1922 m Direction: East	1 vessel
Fair 30% 2 Fuzzy / 3	24 15:50:00 PDT	22:50-GMT SP Harbor seal Position: 192° / 50 m Direction: Still; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair 30% 3 Fuzzy / 3	25 16:02:00 PDT	23:02-GMT V Airship Helicopter X Position: 174° / 250 m Direction: West	1 vessel
Fair 30% 3 Fuzzy / 3	26 16:29:00 PDT	23:29-GMT V Airship Helicopter X Position: 174° / 250 m Direction: West	1 vessel
Fair 30% 3 Fuzzy / 3	27 16:31:00 PDT	23:31-GMT V Oil services Crew boat Position: 282° / 3528 m Direction: South	1 vessel
Fair 30% 3 Fuzzy / 3	28 16:35:00 PDT	23:35-GMT SD Bottlenose dolphin Position: 165° / 661 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting

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CCvr	Bft	Horiz	Vis	Number	Time Code	Species / Vessel Type	
Fair	20%	0	Fuzzy / 2	01	8:56:00 PDT	15:56-GMT Images: 5869-5920 S Gray whale (northbound) Position: 116° / 883 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	1	Fuzzy / 2	02	9:18:00 PDT	16:18-GMT V Airship Helicopter X Position: 174° / 250 m Direction: East	1 vessel
Fair	20%	1	Fuzzy / 2	03	9:37:00 PDT	16:37-GMT V Research Diving UCSB Position: 236° / 3088 m Direction: Still	1 vessel
Fair	20%	1	Fuzzy / 2	04	9:45:00 PDT	16:45-GMT SD Common dolphin, species not determined Position: 131° / 3088 m Direction: West; Behavior: Moderate travel • Leap • Foraging	Total 20 — 0 Calves at sighting
Fair	20%	1	Fuzzy / 2	05	10:07:00 PDT	17:07-GMT V Airship Helicopter X Position: 174° / 400 m Direction: West	1 vessel
Fair	20%	1	Fuzzy / 2	06	10:15:00 PDT	17:15-GMT Images: 5922-7 V Airship Airplane Military Position: 174° / 100 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 30% 1 Fuzzy / 2	07 10:38:00 PDT	17:38-GMT Images: none S Gray whale (northbound) Position: 228° / 778 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 30% 1 Fuzzy / 2	08 10:42:00 PDT	17:42-GMT V Oil services Crew boat Position: 272° / 3528 m Direction: South	1 vessel
Fair 30% 0 Fuzzy / 2	09 11:06:00 PDT	18:06-GMT Images: 5928-5958 S Gray whale (northbound) Position: 102° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 40% 0 Fuzzy / 2	10 11:31:00 PDT	18:31-GMT V Fish Commercial Squid Ashley Position: 241° / 1922 m Direction: East	1 vessel
Fair 40% 0 Fuzzy / 2	11 11:49:00 PDT	18:49-GMT V Oil services Crew boat Position: 288° / 3528 m Direction: South	1 vessel
Fair 40% 0 Fuzzy / 2	12 11:51:00 PDT	18:51-GMT Images: 5960-5977 S Gray whale (northbound) Position: 113° / 1106 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 30% 0 Fuzzy / 2	13 12:13:00 PDT	19:13-GMT V Oil services Crew boat Position: 287° / 3528 m Direction: South	1 vessel
Fair 30% 0 Fuzzy / 2	14 12:20:00 PDT	19:20-GMT V Oil services Crew boat Position: 138° / 3088 m Direction: West	1 vessel
Fair 30% 0 Fuzzy / 2	15 12:30:00 PDT	19:30-GMT Images: 5978-81 SD Common dolphin, species not determined Position: 104° / 3088 m Direction: West; Behavior: Moderate travel • Leap	Total 500 — 0 Calves at sighting
Fair 30% 0 Fuzzy / 2	16 12:52:00 PDT	19:52-GMT V Oil services Crew boat Position: 279° / 3528 m Direction: North	1 vessel
Fair 40% 1 Fuzzy / 2	17 13:28:00 PDT	20:28-GMT V Fish Commercial Net Mary K Position: 249° / 3088 m Direction: East	1 vessel
Fair 40% 1 Fuzzy / 2	18 13:33:00 PDT	20:33-GMT V Oil services Crew boat Position: 290° / 3528 m Direction: South	1 vessel
Fair 40% 1 Fuzzy / 2	19 13:45:00 PDT	20:45-GMT V Private Cruising RHIB Position: 255° / 1331 m Direction: East	1 vessel
Fair 40% 1 Fuzzy / 2	20 14:05:00 PDT	21:05-GMT V Oil services Crew boat Position: 294° / 3528 m Direction: South	1 vessel
Fair 40% 1 Fuzzy / 2	21 14:10:00 PDT	21:10-GMT Images: 5982-5 V Airship Helicopter Military Position: 174° / 50 m Direction: West	1 vessel
Fair 40% 1 Fuzzy / 2	22 14:17:00 PDT	21:17-GMT Images: 5986-6029 S Gray whale (northbound) Position: 103° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 40% 1 Fuzzy / 2	23 14:28:00 PDT	21:28-GMT SD Bottlenose dolphin Position: 107° / 2260 m Direction: East; Behavior: Slow travel • Leap	Total 1 — 0 Calves at sighting
Fair 40% 1 Fuzzy / 3	24 15:32:00 PDT	22:32-GMT V Fish Commercial Urchin Diving Ocean Pearl Position: 254° / 1483 m Direction: East	1 vessel
Fair 40% 2 Fuzzy / 3	25 16:03:00 PDT	23:03-GMT V Airship Helicopter X Position: 174° / 300 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 40% 2 Fuzzy / 3	26 16:08:00 PDT	23:08-GMT V Private Cruising Guilty Position: 109° / 3088 m Direction: West	1 vessel
Fair 40% 2 Fuzzy / 3	27 16:26:00 PDT	23:26-GMT V Oil services Crew boat Position: 284° / 3528 m Direction: South	1 vessel
Fair 40% 2 Fuzzy / 3	28 16:27:00 PDT	23:27-GMT V Oil services Crew boat Position: 126° / 3528 m Direction: West	1 vessel
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CCvr Bft Horiz-Vis			
Poor 80% 3 NV / 1.7	01 8:53:00 PDT	15:53-GMT Images: 6032-6144 S Gray whale (northbound) Position: 146° / 471 m Direction: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Poor 100% 3 NV / 1	Off-Effort 02 9:52:00 PDT	16:52-GMT S Gray whale (northbound) Position: 160° / 600 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100% 3 NV / 1	Off-Effort 03 10:21:00 PDT	17:21-GMT V Oil services Crew boat Position: 156° / 2260 m Direction: West	1 vessel
Poor 100% 3 NV / 1	Off-Effort 04 10:57:00 PDT	17:57-GMT V Private Sportfishing Position: 140° / 2749 m Direction: East	1 vessel
Poor 100% 3 NV / 1	Off-Effort 05 10:59:00 PDT	17:59-GMT V Private Cruising Position: 127° / 1106 m Direction: West	1 vessel
Poor 100% 3 NV / 1	Off-Effort 06 11:58:00 PDT	18:58-GMT V Private Sportfishing Position: 247° / 883 m Direction: East	1 vessel
Fair 30% 3 Fuzzy / 2	07 13:24:00 PDT	20:24-GMT SD Bottlenose dolphin Position: 126° / 377 m Direction: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair 30% 4 Fuzzy / 2	08 14:00:00 PDT	21:00-GMT V Private Cruising Position: 277° / 2749 m Direction: East	1 vessel
Fair 30% 4 Fuzzy / 2	09 14:07:00 PDT	21:07-GMT V Fish Commercial Lobster/Crab Position: 253° / 1106 m Direction: East	1 vessel
Fair 30% 4 Fuzzy / 2	10 14:20:00 PDT	21:20-GMT V Oil services Crew boat Position: 251° / 3088 m Direction: South	1 vessel
Fair 30% 4 Fuzzy / 2	11 15:00:00 PDT	22:00-GMT SP Harbor seal Position: 236° / 50 m Direction: Still; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Fair 30% 4 Fuzzy / 2	12 15:04:00 PDT	22:04-GMT V Oil services Crew boat Position: 248° / 3088 m Direction: South	1 vessel
Fair 30% 3 Fuzzy / 2	13 15:25:00 PDT	22:25-GMT V Fish Commercial Lobster/Crab Position: 268° / 1922 m Direction: East	1 vessel
Fair 30% 3 Fuzzy / 2	15 16:36:00 PDT	23:36-GMT S Gray whale (northbound) Position: 106° / 2749 m Direction: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting

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Number	Time Code	Species / Vessel Type	
May 07 Day 86 of 98			
CCvr	Bft	Horiz - Vis	
Fair 20%	1	Fuzzy / 1.7	
01	9:00:00 PDT	16:00-GMT V Oil services Crew boat Position: 239° / 2749 m Direction: Still	1 vessel
Fair 20%	1	Fuzzy / 1.7	
02	9:22:00 PDT	16:22-GMT V Fish Commercial Lobster/Crab Kaylee J L68739 Position: 273° / 3088 m Direction: East	1 vessel
Fair 20%	1	Fuzzy / 1.7	
03	9:27:00 PDT	16:27-GMT V Oil services Crew boat Position: 274° / 3088 m Direction: North	1 vessel
Fair 50%	2	Fuzzy / 2	
04	10:39:00 PDT	17:39-GMT SD Common dolphin, species not determined Position: 111° / 3088 m Direction: East; Behavior: Moderate travel • Leap	Total 20 — 0 Calves at sighting
Fair 60%	1	Fuzzy / 2	
05	10:59:00 PDT	17:59-GMT V Oil services Crew boat Position: 247° / 3088 m Direction: North	1 vessel
Fair 60%	1	Fuzzy / 2	
06	11:00:00 PDT	18:00-GMT V Oil services Crew boat Position: 282° / 3528 m Direction: South	1 vessel
Fair 60%	1	Fuzzy / 2	
07	11:55:00 PDT	18:55-GMT V Airship Helicopter X Position: 174° / 300 m Direction: West	1 vessel
Fair 60%	1	Fuzzy / 2	
08	12:06:00 PDT	19:06-GMT V Oil services Crew boat Position: 270° / 3528 m Direction: North	1 vessel
Fair 60%	1	Fuzzy / 2	
09	12:41:00 PDT	19:41-GMT Images: none S Gray whale (northbound) Position: 124° / 629 m Direction: West; Behavior: Slow travel	Total 6 — 3 Calves at sighting
Fair 60%	1	Fuzzy / 2	
10	12:49:00 PDT	19:49-GMT V Oil services Crew boat Position: 241° / 3088 m Direction: South	1 vessel
Fair 90%	1	Fuzzy / 2	
11	13:05:00 PDT	20:05-GMT V Fish Commercial Urchin Diving Position: 132° / 3088 m Direction: West	1 vessel
Fair 50%	1	Fuzzy / 2	
12	13:39:00 PDT	20:39-GMT V Fish Commercial Position: 156° / 3088 m Direction: West	1 vessel
Good 20%	1	Fuzzy / 3	
13	14:30:00 PDT	21:30-GMT V Oil services Crew boat Position: 270° / 3088 m Direction: South	1 vessel
Good 20%	1	Fuzzy / 3	
14	14:40:00 PDT	21:40-GMT V Airship Helicopter X Position: 174° / 250 m Direction: West	1 vessel
Good 20%	1	Fuzzy / 3	
15	14:43:00 PDT	21:43-GMT V Fish Commercial Lobster/Crab Position: 126° / 3088 m Direction: West	1 vessel
Good 10%	3	Fuzzy / 3	
16	16:03:00 PDT	23:03-GMT V Fish Commercial Squid 4th Watch 07025 Position: 107° / 3088 m Direction: West	1 vessel
Good 10%	3	Fuzzy / 3	
17	16:32:00 PDT	23:32-GMT Images: none S Gray whale (northbound) Position: 198° / 696 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 10%	3	Fuzzy / 3	
18	16:48:00 PDT	23:48-GMT SP unidentified pinniped Position: 111° / 508 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting

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Number	Time Code	Species / Vessel Type	
May 08 Day 87 of 98			
CCvr	Bft	Horiz-Vis	
Fair 20%	3	Fuzzy / 2	
01	9:00:00 PDT	16:00-GMT V Oil services Crew boat Position: 239° / 3088 m Direction: Still	1 vessel
Fair 20%	3	Fuzzy / 2	
02	9:06:00 PDT	16:06-GMT SP Harbor seal Position: 193° / 183 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Fair 20%	3	Fuzzy / 2	
03	9:29:00 PDT	16:29-GMT Images: none S Gray whale (northbound) Position: 109° / 1922 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 30%	3	Fuzzy / 2	
04	9:59:00 PDT	16:59-GMT V Research Diving UCSB Position: 136° / 696 m Direction: West	1 vessel
Fair 30%	3	Fuzzy / 2	
05	10:09:00 PDT	17:09-GMT V Research Diving UCSB Position: 270° / 2260 m Direction: East	1 vessel
Fair 30%	3	Fuzzy / 2	
06	10:37:00 PDT	17:37-GMT V Oil services Crew boat Position: 272° / 3528 m Direction: South	1 vessel
Good 30%	2	Fuzzy / 3	
07	11:02:00 PDT	18:02-GMT SP Harbor seal Position: 186° / 70 m Direction: West; Behavior: in surf zone	Total 1 — 0 Pups at sighting
Good 30%	2	Fuzzy / 3	
08	11:09:00 PDT	18:09-GMT V Research Diving UCSB Position: 281° / 1674 m Direction: East	1 vessel
Good 30%	2	Fuzzy / 3	
09	11:10:00 PDT	18:10-GMT V Oil services Crew boat Position: 282° / 3528 m Direction: South	1 vessel
Good 30%	1	Fuzzy / 3	
10	11:38:00 PDT	18:38-GMT Images: 6146-6186 S Gray whale (northbound) Position: 102° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 50%	1	Fuzzy / 3	
11	12:20:00 PDT	19:20-GMT V Airship Helicopter X Position: 174° / 250 m Direction: East	1 vessel
Good 50%	1	Fuzzy / 3	
13	12:28:00 PDT	19:28-GMT V Oil services Crew boat Position: 287° / 3528 m Direction: South	1 vessel
Good 50%	1	Fuzzy / 3	
12	12:30:00 PDT	19:30-GMT V Airship Helicopter X Position: 174° / 250 m Direction: West	1 vessel
Good 50%	1	Fuzzy / 3	
14	12:54:00 PDT	19:54-GMT V Airship Helicopter X Position: 174° / 250 m Direction: East	1 vessel
Good 50%	1	Fuzzy / 3	
15	12:58:00 PDT	19:58-GMT V Oil services Crew boat Position: 266° / 3528 m Direction: South	1 vessel
Poor 50%	3	Fuzzy / 2	
16	13:43:00 PDT	20:43-GMT V Private Sportfishing Position: 280° / 3088 m Direction: East	1 vessel
Poor 70%	3	Fuzzy / 2	
17	13:50:00 PDT	20:50-GMT S Gray whale (northbound) Position: 124° / 2749 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 70%	3	Fuzzy / 2	
18	13:55:00 PDT	20:55-GMT Images: 6187-6209 SD Bottlenose dolphin Position: 124° / 735 m Direction: East; Behavior: Slow travel	Total 10 — 3 Calves at sighting

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Number	Time Code	Species / Vessel Type	
Poor 70% 3 Fuzzy / 2	19 14:05:00 PDT	21:05-GMT V Fish Commercial Lobster/Crab Position: 209° / 3088 m Direction: East	1 vessel
Poor 50% 3 Fuzzy / 2	20 14:19:00 PDT	21:19-GMT V Fish Commercial Squid Barbara H 643518 Position: 106° / 3088 m Direction: West	1 vessel
Poor 50% 3 Fuzzy / 2	21 14:31:00 PDT	21:31-GMT V Oil services Crew boat Position: 296° / 3528 m Direction: South	1 vessel
Poor 50% 3 Fuzzy / 2	22 14:49:00 PDT	21:49-GMT Images: 6211-6225 S Gray whale (northbound) Position: 101° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor 30% 4 Fuzzy / 2	23 15:34:00 PDT	22:34-GMT V Fish Commercial Lobster/Crab L38294 Position: 266° / 1922 m Direction: East	1 vessel
Poor 30% 4 Fuzzy / 2	24 15:41:00 PDT	22:41-GMT Images: 6228-6273 S Gray whale (northbound) Position: 110° / 913 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
	25 16:29:00 PDT	23:29-GMT V Oil services Crew boat Position: 289° / 3528 m Direction: South	1 vessel
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CCvr Bfr Horiz-Vis			
Good 40% 2 Fuzzy / 3	01 9:00:00 PDT	16:00-GMT Images: 6276-6305 SD Bottlenose dolphin Position: 223° / 330 m Direction: East; Behavior: Slow travel	Total 10 — 3 Calves at sighting
Good 40% 2 Fuzzy / 3	02 9:04:00 PDT	16:04-GMT V Fish Commercial Urchin Diving Position: 187° / 1331 m Direction: West	1 vessel
Good 40% 2 Fuzzy / 3	03 9:05:00 PDT	16:05-GMT V Oil services Crew boat Position: 240° / 3088 m Direction: Still	1 vessel
Good 40% 2 Fuzzy / 3	04 9:06:00 PDT	16:06-GMT Images: 6309-6319 S Gray whale (northbound) Position: 109° / 3528 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 40% 2 Fuzzy / 3	05 9:18:00 PDT	16:18-GMT Images: 6306-6308 V Oil services Crew boat Position: 116° / 3528 m Direction: West	1 vessel
Good 40% 2 Fuzzy / 3	06 9:20:00 PDT	16:20-GMT V Fish Commercial Squid Position: 245° / 2260 m Direction: East	1 vessel
Good 40% 2 Fuzzy / 3	07 9:21:00 PDT	16:21-GMT V Fish Commercial Squid Position: 255° / 2749 m Direction: East	1 vessel
Good 60% 2 Fuzzy / 3	08 9:55:00 PDT	16:55-GMT Images: 6320-4 V Airship Airplane N37FG Position: 174° / 20 m Direction: East	1 vessel
Good 60% 2 Fuzzy / 3	09 10:16:00 PDT	17:16-GMT SP Harbor seal Position: 198° / 322 m Direction: East; Behavior: Slow travel • in open water	Total 1 — 0 Pups at sighting
Good 40% 2 Fuzzy / 3	10 10:26:00 PDT	17:26-GMT V Fish Commercial Squid Endurance Position: 244° / 2749 m Direction: East	1 vessel
Good 40% 2 Fuzzy / 3	11 10:31:00 PDT	17:31-GMT V Private Sportfishing Position: 106° / 2749 m Direction: West	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 40% 2 Fuzzy / 3	12 10:38:00 PDT	17:38-GMT V Oil services Crew boat Position: 288° / 3528 m Direction: South	1 vessel
Good 40% 2 Fuzzy / 3	13 10:41:00 PDT	17:41-GMT V Oil services Crew boat Position: 292° / 3528 m Direction: South	1 vessel
Good 40% 2 Fuzzy / 3	14 11:16:00 PDT	18:16-GMT SP Harbor seal Position: 108° / 550 m Direction: North; Behavior: in kelp • Dive	Total 1 — 0 Pups at sighting
Good 30% 2 Fuzzy / 3	15 11:33:00 PDT	18:33-GMT Images: 6342-6380 S Gray whale (northbound) Position: 100° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 20% 2 Fuzzy / 3	16 12:26:00 PDT	19:26-GMT V Oil services Crew boat Position: 285° / 3528 m Direction: North	1 vessel
Good 20% 2 Fuzzy / 3	17 12:27:00 PDT	19:27-GMT V Fish Commercial Lobster/Crab Kaylee J Position: 117° / 2260 m Direction: East	1 vessel
Good 30% 3 Fuzzy / 3	18 12:45:00 PDT	19:45-GMT V Oil services Crew boat Position: 272° / 3528 m Direction: North	1 vessel
Good 30% 3 Fuzzy / 3	19 13:02:00 PDT	20:02-GMT SP Harbor seal Position: 188° / m Direction: West; Behavior: Slow travel • in surf zone	Total 1 — 0 Pups at sighting
Good 30% 3 Fuzzy / 3	20 13:12:00 PDT	20:12-GMT V Research CINMS Shearwater Position: 118° / 3088 m Direction: Still	1 vessel
Good 30% 3 Fuzzy / 3	21 13:37:00 PDT	20:37-GMT V Private Sailboat motoring Position: 127° / 2749 m Direction: East	1 vessel
Good 30% 3 Fuzzy / 3	22 14:02:00 PDT	21:02-GMT V Research UCSB Position: 244° / 1106 m Direction: East	1 vessel
Good 30% 3 Fuzzy / 3	23 14:12:00 PDT	21:12-GMT Images: 6382-6403 V Private Kayak/canoe Position: 173° / 253 m Direction: Still	1 vessel
Good 30% 3 Fuzzy / 3	24 14:21:00 PDT	21:21-GMT V Private Cruising Guilty Position: 100° / 2749 m Direction: West	1 vessel
Good 30% 3 Fuzzy / 3	26 14:34:00 PDT	21:34-GMT V Fish Commercial Squid Endurance Position: 128° / 1922 m Direction: West	1 vessel
Good 30% 3 Fuzzy / 3	25 14:35:00 PDT	21:35-GMT V Oil services Crew boat Position: 258° / 3088 m Direction: South	1 vessel
Good 30% 3 Fuzzy / 3	27 15:02:00 PDT	22:02-GMT Images: 6404-6409 V Airship Airplane Military Position: 174° / 40 m Direction: East	2 vessels
Good 30% 3 Fuzzy / 3	28 15:25:00 PDT	22:25-GMT SP Harbor seal Position: 125° / 314 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting
Good 30% 3 Fuzzy / 3	29 15:44:00 PDT	22:44-GMT Images: 6411-6418 S Gray whale (northbound) Position: 109° / 1922 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 30% 3 Fuzzy / 3	30 16:06:00 PDT	23:06-GMT Images: 6420 SD Bottlenose dolphin Position: 144° / 356 m Direction: West; Behavior: Slow travel • Leap	Total 5 — 0 Calves at sighting

2013 All Sighting Numbers, raw

			Number	Time	Species / Vessel Type	
				Code		
Good	80%	3 Fuzzy / 3	31	16:37:00 PDT	23:37-GMT Oil services Crew boat Position: 284° / 3528 m Direction: South	1 vessel
<hr/>						
May 10 Day 89 of 98						
CCvr	BR	Horiz - Vis				
Poor	20%	3 Fuzzy / 1.7	01	9:00:00 PDT	16:00-GMT Oil services Crew boat Position: 234° / 2749 m Direction: Still	1 vessel
Poor	20%	3 Fuzzy / 1.7	02	9:39:00 PDT	16:39-GMT Research Diving UCSB Position: 120° / 1403 m Direction: West	1 vessel
Fair	20%	3 Fuzzy / 2	03	10:27:00 PDT	17:27-GMT Airship Helicopter X Position: 174° / 300 m Direction: East	1 vessel
Fair	20%	3 Fuzzy / 2	04	10:48:00 PDT	17:48-GMT Oil services Crew boat Position: 248° / 3088 m Direction: South	1 vessel
Fair	20%	2 Fuzzy / 2	05	12:32:00 PDT	19:32-GMT Oil services Crew boat Position: 253° / 3528 m Direction: South	1 vessel
Fair	20%	2 Fuzzy / 2	06	12:38:00 PDT	19:38-GMT Gray whale (northbound) Position: 99° / 3088 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	2 Fuzzy / 2	07	13:09:00 PDT	20:09-GMT Oil services Crew boat Position: 286° / 3528 m Direction: North	1 vessel
Fair	20%	3 Fuzzy / 2	08	13:37:00 PDT	20:37-GMT Vessel Assist Coast Guard Position: 134° / 3088 m Direction: West	1 vessel
Fair	20%	3 Fuzzy / 2	09	13:48:00 PDT	20:48-GMT Oil services Crew boat Position: 122° / 3528 m Direction: West	1 vessel
Fair	20%	3 Fuzzy / 2	10	13:57:00 PDT	20:57-GMT Images: none Gray whale (northbound) Position: 115° / 1106 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20%	3 Fuzzy / 2	11	14:34:00 PDT	21:34-GMT Airship Helicopter Position: 174° / 20 m Direction: East	1 vessel
Fair	20%	3 Fuzzy / 2	12	15:03:00 PDT	22:03-GMT Oil services Oil-spill recovery Ocean Defender Position: 110° / 3088 m Direction: West	1 vessel
Fair	20%	3 Fuzzy / 2	13	15:15:00 PDT	22:15-GMT Private Cruising Guilty Position: 99° / 3088 m Direction: West	1 vessel
Fair	30%	3 Fuzzy / 2	14	16:07:00 PDT	23:07-GMT Bottlenose dolphin Position: 121° / 1106 m Direction: West; Behavior: Slow travel • Foraging	Total 3 — 0 Calves at sighting
Fair	30%	3 Fuzzy / 2	15	16:31:00 PDT	23:31-GMT Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel
Fair	30%	3 Fuzzy / 2	16	16:32:00 PDT	23:32-GMT Bottlenose dolphin Position: 272° / 447 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting

2013 All Sighting Numbers, raw

			Number	Time	Species / Vessel Type					
				Code						
May 11 Day 90 of 98										
CCvr	Bft	Horiz-Vis								
Poor	100%	2	Fuzzy	/	1.7					
			01	9:12:00 PDT	16:12-GMT SP Harbor seal Position: 159° / 471 m Direction: East; Behavior: in open water • Slow travel	Total 1	— 0 Pups at sighting			
			02	9:30:00 PDT	16:30-GMT Images: none S Gray whale (northbound) Position: 154° / 528 m Direction: West; Behavior: Slow travel	Total 1	— 0 Calves at sighting			
			03	9:38:00 PDT	16:38-GMT SP Harbor seal Position: 252° / 171 m Direction: West; Behavior: Slow travel • in surf zone	Total 1	— 0 Pups at sighting			
Poor	100%	2	NV / 1	Off-Effort 04	11:00:00 PDT	18:00-GMT Images: none S Gray whale (northbound) Position: 147° / 778 m Direction: West; Behavior: Slow travel	Total 2	— 1 Calf at sighting		
Poor	100%	2	NV / 1	Off-Effort 05	12:42:00 PDT	19:42-GMT Images: none S Gray whale (northbound) Position: 169° / 600 m Direction: West; Behavior: Slow travel	Total 2	— 1 Calf at sighting		
Poor	100%	3	NV / 1	Off-Effort 06	14:09:00 PDT	21:09-GMT Images: none S Gray whale (northbound) Position: 123° / 1331 m Direction: West; Behavior: Slow travel	Total 2	— 1 Calf at sighting		
May 12 Day 91 of 98										
CCvr	Bft	Horiz-Vis								
Poor	80%	3	NV / 1.5	Off-Effort 01	13:33:00 PDT	20:33-GMT Images: 6423-6480 S Gray whale (northbound) Position: 113° / 1106 m Direction: West; Behavior: Slow travel	Total 2	— 1 Calf at sighting		
Fair	20%	2	Fuzzy	/	2	02	13:58:00 PDT	20:58-GMT Images: 6482-4 V Private Sportfishing Position: 250° / 1922 m Direction: East	1 vessel	
Fair	20%	2	Fuzzy	/	2	03	14:08:00 PDT	21:08-GMT V Oil services Crew boat Position: 239° / 3088 m Direction: Still	1 vessel	
Fair	20%	2	Fuzzy	/	2	04	14:15:00 PDT	21:15-GMT Images: 6485-6536 S Gray whale (northbound) Position: 110° / 1483 m Direction: West; Behavior: Slow travel	Total 2	— 1 Calf at sighting
Fair	20%	2	Fuzzy	/	2	05	14:36:00 PDT	21:36-GMT Images: 6525-7, 6533-5 V Private Cruising Position: 139° / 489 m Direction: West	1 vessel	
Fair	10%	2	Fuzzy	/	2	06	14:44:00 PDT	21:44-GMT V Fish Commercial Lobster/Crab L06657-544831 Position: 122° / 1106 m Direction: West	1 vessel	
Fair	10%	2	Fuzzy	/	2	07	15:16:00 PDT	22:16-GMT V Private Sportfishing Position: 214° / 600 m Direction: East	1 vessel	
Fair	10%	2	Fuzzy	/	2	08	15:35:00 PDT	22:35-GMT V Fish Commercial Squid Position: 165° / 3088 m Direction: West	1 vessel	
Fair	10%	2	Fuzzy	/	2	09	15:35:00 PDT	22:35-GMT V Fish Commercial Squid Karen Marie Position: 150° / 3088 m Direction: West	1 vessel	
Fair	10%	2	Fuzzy	/	2	10	16:08:00 PDT	23:08-GMT V Oil services Crew boat Position: 244° / 3088 m Direction: South	1 vessel	
Fair	10%	1	Fuzzy	/	2	11	16:24:00 PDT	23:24-GMT V Oil services Crew boat Position: 284° / 3088 m Direction: South	1 vessel	

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 10% 1 Fuzzy / 2	12 16:39:00 PDT	23:39-GMT V Fish Commercial Lobster/Crab L38249 Position: 266° / 1922 m Direction: East	1 vessel
Fair 10% 1 Fuzzy / 2	13 16:45:00 PDT	23:45-GMT V Private Sportfishing Kayak/canoe Position: 104° / 356 m Direction: West	1 vessel
May 13 Day 92 of 98			
Fair 20% 3 Fuzzy / 2	01 9:05:00 PDT	16:05-GMT V Oil services Crew boat Position: 153° / 3088 m Direction: North	1 vessel
Fair 20% 3 Fuzzy / 2	02 9:38:00 PDT	16:38-GMT V Oil services Crew boat Position: 153° / 3088 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 2	03 9:45:00 PDT	16:45-GMT Images: 6548-50 SD Bottlenose dolphin Position: 212° / 269 m Direction: East; Behavior: Slow travel	Total 7 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	04 9:47:00 PDT	16:47-GMT V Oil services Crew boat Position: 286° / 3528 m Direction: South	1 vessel
Fair 20% 3 Fuzzy / 2	08 10:23:00 PDT	17:23-GMT Images: 6584-6 SD Killer whale Position: 202° / 3088 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	05 10:32:00 PDT	17:32-GMT V Oil services Crew boat Position: 281° / 3528 m Direction: North	1 vessel
Fair 20% 3 Fuzzy / 2	06 10:33:00 PDT	17:33-GMT SW Humpback whale Position: 126° / 2749 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	07 10:55:00 PDT	17:55-GMT Images: 6553-83 SD Bottlenose dolphin Position: 103° / 1674 m Direction: Circling; Behavior: Milling	Total 15 — 5 Calves at sighting
Fair 20% 3 Fuzzy / 2	09 12:04:00 PDT	19:04-GMT SD Common dolphin, species not determined Position: 223° / 3528 m Direction: East; Behavior: Moderate travel • Parade Line	Total 400 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	10 12:15:00 PDT	19:15-GMT SW Humpback whale Position: 201° / 3528 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	11 12:30:00 PDT	19:30-GMT V Fish Commercial Lobster/Crab Carol E L533- Position: 270° / 2749 m Direction: East	1 vessel
Fair 20% 3 Fuzzy / 2	12 12:35:00 PDT	19:35-GMT V Oil services Crew boat Position: 291° / 3528 m Direction: South	1 vessel
Fair 20% 3 Fuzzy / 2	13 12:42:00 PDT	19:42-GMT Images: 6588-96 S Gray whale (northbound) Position: 101° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 20% 3 Fuzzy / 2	14 14:20:00 PDT	21:20-GMT V Airship Helicopter Position: 174° / 400 m Direction: East	1 vessel
Fair 20% 3 Fuzzy / 2	15 15:05:00 PDT	22:05-GMT V Fish Commercial Squid Endurance Position: 109° / 3088 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 2	16 15:30:00 PDT	22:30-GMT V Airship Blimp Good Year Position: 174° / 1000 m Direction: East	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 20% 3 Fuzzy / 2	17 15:40:00 PDT	22:40-GMT SD Bottlenose dolphin Position: 159° / 356 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	18 16:08:00 PDT	23:08-GMT V Oil services Crew boat Position: 132° / 3528 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 2	19 16:51:00 PDT	23:51-GMT SD Bottlenose dolphin Position: 160° / 661 m Direction: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	20 16:56:00 PDT	23:56-GMT Images: 6606-25 SD Bottlenose dolphin Position: 253° / 314 m Direction: East; Behavior: Slow travel	Total 6 — ni Calves at sighting

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CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair 20%	3	Fuzzy / 1.7	01	9:05:00 PDT	16:05-GMT Images: 6626-38 SD Bottlenose dolphin Position: 117° / 600 m Direction: West; Behavior: Slow travel	Total 8 — 0 Calves at sighting
Fair 20%	3	Fuzzy / 1.7	02	9:18:00 PDT	16:18-GMT SW Humpback whale Position: 141° / 3528 m Direction: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 20%	3	Fuzzy / 1.7	03	9:50:00 PDT	16:50-GMT V Research Diving UCSB Position: 98° / 3088 m Direction: West	1 vessel
Fair 20%	3	Fuzzy / 1.7	04	9:55:00 PDT	16:55-GMT Images: 6640-91 S Gray whale (northbound) Position: 105° / 2749 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 20%	3	Fuzzy / 1.7	05	10:27:00 PDT	17:27-GMT V Oil services Crew boat Position: 288° / 3528 m Direction: South	1 vessel
Fair 20%	3	Fuzzy / 1.7	06	10:32:00 PDT	17:32-GMT V Oil services Crew boat Position: 288° / 3528 m Direction: South	1 vessel
Fair 10%	3	Fuzzy / 2	07	10:52:00 PDT	17:52-GMT V Oil services Crew boat Position: 124° / 3528 m Direction: West	1 vessel
Fair 10%	4	Fuzzy / 2	08	11:40:00 PDT	18:40-GMT V Research Diving UCSB Position: 104° / 1331 m Direction: West	1 vessel
Fair 10%	4	Fuzzy / 2	09	11:53:00 PDT	18:53-GMT V Fish Commercial Squid CF6424SP Position: 285° / 3088 m Direction: East	1 vessel
Fair 10%	4	Fuzzy / 2	10	11:55:00 PDT	18:55-GMT V Oil services Crew boat Position: 289° / 3528 m Direction: South	1 vessel
Poor 10%	5	Fuzzy / 2	Off-Effort 11	12:20:00 PDT	19:20-GMT V Oil services Crew boat Position: 278° / 3528 m Direction: North	1 vessel
Poor 10%	5	Fuzzy / 2	Off-Effort 12	12:29:00 PDT	19:29-GMT V Airship Helicopter X Position: 174° / 300 m Direction: West	1 vessel

May 15 Day 94 of 98

CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair 20%	2	Fuzzy / 1.7	01	9:00:00 PDT	16:00-GMT V Oil services Oil-spill recovery Position: 194° / 1106 m Direction: East	1 vessel

2013 All Sighting Numbers, raw

	Number	Time Code	Species / Vessel Type	
Fair 20%	2	Fuzzy / 1.7	02 9:03:00 PDT 16:03-GMT V Research Diving UCSB Position: 264° / 1208 m Direction: Still	1 vessel
Poor 60%	2	NV / 1	Off-Effort 03 9:19:00 PDT 16:19-GMT Images: 6748-57 V Research Diving UCSB Position: 110° / 1483 m Direction: West	1 vessel
Poor 60%	2	NV / 1.7	04 9:33:00 PDT 16:33-GMT V Airship Airplane Military Position: 174° / 350 m Direction: East	1 vessel
Poor 60%	2	NV / 1.7	05 9:49:00 PDT 16:49-GMT V Oil services Crew boat Position: 239° / 2749 m Direction: Still	1 vessel
Poor 40%	2	Fuzzy / 1.7	06 10:38:00 PDT 17:38-GMT V Oil services Crew boat Position: 267° / 3088 m Direction: South	1 vessel
Poor 40%	2	Fuzzy / 1.7	07 10:40:00 PDT 17:40-GMT V Fish Commercial Line Position: 161° / 3088 m Direction: East	1 vessel
Fair 30%	2	Fuzzy / 1.7	08 10:51:00 PDT 17:51-GMT V Private Sportfishing Position: 106° / 3088 m Direction: West	1 vessel
Fair 30%	2	Fuzzy / 1.7	09 10:58:00 PDT 17:58-GMT V Oil services Crew boat Position: 280° / 3528 m Direction: South	1 vessel
Good 20%	2	Fuzzy / 2	10 11:30:00 PDT 18:30-GMT V Oil services Crew boat Position: 285° / 3528 m Direction: North	1 vessel
Good 20%	2	Fuzzy / 2	11 11:55:00 PDT 18:55-GMT V Research Diving UCSB Position: 104° / 3088 m Direction: West	1 vessel
Good 20%	2	Fuzzy / 2	12 12:30:00 PDT 19:30-GMT V Oil services Crew boat Position: 276° / 3528 m Direction: South	1 vessel
Good 20%	2	Fuzzy / 2	13 12:35:00 PDT 19:35-GMT V Fish Commercial Lobster/Crab L3829 Position: 272° / 3088 m Direction: East	1 vessel
Good 20%	2	Fuzzy / 2	14 12:53:00 PDT 19:53-GMT Images: 6761-6819 S Gray whale (northbound) Position: 115° / 1331 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good 20%	2	Fuzzy / 2	16 13:00:00 PDT 20:00-GMT V Oil services Crew boat Position: 291° / 3528 m Direction: South	1 vessel
Good 20%	2	Fuzzy / 2	15 13:05:00 PDT 20:05-GMT V Oil services Crew boat Position: 292° / 3528 m Direction: South	1 vessel
Good 20%	2	Fuzzy / 2	17 13:22:00 PDT 20:22-GMT V Airship Helicopter SBOP Position: 174° / 300 m Direction: West	1 vessel
Good 20%	2	Fuzzy / 2	18 13:41:00 PDT 20:41-GMT V Oil services Crew boat Position: 280° / 3528 m Direction: North	1 vessel
Good 20%	3	Fuzzy / 2	19 14:38:00 PDT 21:38-GMT V Oil services Crew boat Position: 278° / 3528 m Direction: South	1 vessel
Good 20%	3	Fuzzy / 2	20 16:40:00 PDT 23:40-GMT SP Harbor seal Position: 114° / 388 m Direction: Still; Behavior: in kelp	Total 1 — 0 Pups at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Good 20% 3 Fuzzy / 2	21 16:40:00 PDT	23:40-GMT V Private Cruising Boston Whaler Position: 238° / 1106 m Direction: East	1 vessel
Good 20% 3 Fuzzy / 2	22 16:41:00 PDT	23:41-GMT V Fish Commercial Lobster/Crab Becky R 544839 Position: 272° / 2749 m Direction: East	1 vessel
Good 20% 3 Fuzzy / 2	23 16:43:00 PDT	23:43-GMT V Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel
Good 20% 3 Fuzzy / 2	24 16:56:00 PDT	23:56-GMT Images: 6828-32 V Enforcement CA Fish + Wildlife Swordfish Position: 292° / 3088 m Direction: East	1 vessel

May 16 Day 95 of 98

CCvr	Bft	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Fair 60%	2	Fuzzy / 2	01	8:52:00 PDT	15:52-GMT Images: none S Gray whale (northbound) Position: 267° / 883 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 60%	2	Fuzzy / 2	02	9:23:00 PDT	16:23-GMT V Oil services Crew boat Position: 236° / 3088 m Direction: Still	1 vessel
Fair 60%	2	Fuzzy / 2	03	9:34:00 PDT	16:34-GMT V Research Diving UCSB Position: 234° / 3088 m Direction: Still	1 vessel
Fair 60%	2	Fuzzy / 2	04	10:00:00 PDT	17:00-GMT V Airship Airplane Position: 174° / 100 m Direction: East	1 vessel
Fair 60%	2	Fuzzy / 2	05	10:10:00 PDT	17:10-GMT V Oil services Crew boat Position: 273° / 3528 m Direction: South	1 vessel
Fair 50%	2	Fuzzy / 2	06	10:27:00 PDT	17:27-GMT V Oil services Crew boat Position: 294° / 3528 m Direction: South	1 vessel
Fair 50%	2	Fuzzy / 2	07	10:43:00 PDT	17:43-GMT V Private Cruising Position: 135° / 3088 m Direction: West	1 vessel
Fair 80%	2	Fuzzy / 1.7	08	10:44:00 PDT	17:44-GMT Images: 6837-74 S Gray whale (northbound) Position: 109° / 2260 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 80%	2	Fuzzy / 1.7	09	11:55:00 PDT	18:55-GMT SW Humpback whale Position: 101° / 3528 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 80%	2	Fuzzy / 1.7	10	12:06:00 PDT	19:06-GMT SD Bottlenose dolphin Position: 113° / 2260 m Direction: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 80%	2	Fuzzy / 1.7	11	12:16:00 PDT	19:16-GMT V Fish Commercial Lobster/Crab L24020 Position: 131° / 661 m Direction: East	1 vessel
Fair 90%	2	Fuzzy / 1.7	12	12:33:00 PDT	19:33-GMT V Oil services Crew boat Position: 292° / 3528 m Direction: South	1 vessel
Fair 90%	2	Fuzzy / 1.7	13	13:27:00 PDT	20:27-GMT V Fish Commercial Squid Speranza Marie 643138 Position: 111° / 3088 m Direction: West	1 vessel
Fair 90%	2	Fuzzy / 1.7	14	13:36:00 PDT	20:36-GMT V Fish Commercial Lobster/Crab Kaylee J Position: 269° / 3088 m Direction: East	1 vessel

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 90% 2 Fuzzy / 1.7	15 13:39:00 PDT	20:39-GMT V Fish Commercial Squid Lucky Draft Position: 134° / 1922 m Direction: West	1 vessel
Fair 90% 2 Fuzzy / 1.7	16 13:41:00 PDT	20:41-GMT V Airship Helicopter Position: 174° / 50 m Direction: East	1 vessel
Fair 90% 2 Fuzzy / 1.7	17 14:00:00 PDT	21:00-GMT V Airship Helicopter Military Position: 174° / 0 m Direction: East	1 vessel
Fair 90% 2 Fuzzy / 1.7	18 14:38:00 PDT	21:38-GMT V Oil services Crew boat Position: 286° / 3528 m Direction: South	1 vessel
Fair 90% 2 Fuzzy / 1.7	19 14:46:00 PDT	21:46-GMT V Airship Helicopter SBOP Position: 174° / 300 m Direction: West	1 vessel
Fair 90% 2 Fuzzy / 1.7	20 14:55:00 PDT	21:55-GMT Images: 6878-9 V Private Sportfishing Position: 106° / 3088 m Direction: West	1 vessel
Fair 90% 2 Fuzzy / 1.7	21 15:15:00 PDT	22:15-GMT SD Bottlenose dolphin Position: 234° / 412 m Direction: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 90% 2 Fuzzy / 1.7	22 15:16:00 PDT	22:16-GMT V Airship Helicopter SBOP Position: 174° / 300 m Direction: West	1 vessel
Fair 90% 2 Fuzzy / 1.7	23 16:31:00 PDT	23:31-GMT V Oil services Crew boat Position: 283° / 3528 m Direction: South	1 vessel
Fair 90% 2 Fuzzy / 1.7	24 16:55:00 PDT	23:55-GMT Images: 6908-58 SD Bottlenose dolphin Position: 276° / 412 m Direction: East; Behavior: Foraging	Total 7 — 0 Calves at sighting

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CCvr	Bfr	Horiz-Vis	Number	Time Code	Species / Vessel Type	
Good 10%	1	Fuzzy / 3	01	9:00:00 PDT	16:00-GMT V Oil services Crew boat Position: 276° / 3528 m Direction: North	1 vessel
Good 10%	1	Fuzzy / 3	02	9:27:00 PDT	16:27-GMT V Oil services Crew boat Position: 293° / 3528 m Direction: South	1 vessel
Good 10%	1	Fuzzy / 3	03	9:38:00 PDT	16:38-GMT Images: 6959-61 V Airship Helicopter Coast Guard Position: 174° / 30 m Direction: West	1 vessel
Good 20%	1	Fuzzy / 3	04	10:05:00 PDT	17:05-GMT V Oil services Oil-spill recovery Ocean Guardian Position: 119° / 3088 m Direction: West	1 vessel
Good 20%	1	Fuzzy / 3	05	10:33:00 PDT	17:33-GMT V Oil services Crew boat Position: 290° / 3528 m Direction: South	1 vessel
Good 20%	3	Fuzzy / 3	06	12:17:00 PDT	19:17-GMT Images: 6962-8 V Research Diving UCSB Position: 283° / 1403 m Direction: East	1 vessel
Good 20%	3	Fuzzy / 3	07	12:29:00 PDT	19:29-GMT V Oil services Crew boat Position: 280° / 3528 m Direction: South	1 vessel
Good 20%	3	Fuzzy / 3	08	12:40:00 PDT	19:40-GMT V Oil services Crew boat Position: 277° / 3528 m Direction: North	1 vessel

2013 All Sighting Numbers, raw

Number	Time	Species / Vessel Type	
	Code		
Good 20% 3 Fuzzy / 3	09 12:45:00 PDT	19:45-GMT V Fish Commercial Squid Suranza (?) Marie Position: 187° / 3088 m Direction: East	1 vessel
Good 20% 3 Fuzzy / 3	10 13:06:00 PDT	20:06-GMT V Fish Commercial Squid Miss Astrid Position: 284° / 3088 m Direction: East	1 vessel
Good 20% 3 Fuzzy / 3	11 13:19:00 PDT	20:19-GMT V Vessel Assist Position: 135° / 3528 m Direction: West	1 vessel
Good 20% 3 Fuzzy / 3	12 13:19:00 PDT	20:19-GMT V Fish Commercial Squid Karen Marie Position: 230° / 3088 m Direction: East	1 vessel
Good 20% 3 Fuzzy / 3	13 13:33:00 PDT	20:33-GMT V Fish Commercial Squid Emerald Sea Position: 255° / 3088 m Direction: East	1 vessel
Good 20% 3 Fuzzy / 3	14 13:42:00 PDT	20:42-GMT V Oil services Crew boat Position: 124° / 3528 m Direction: West	1 vessel
Good 20% 3 Fuzzy / 3	15 13:47:00 PDT	20:47-GMT V Fish Commercial Squid Lucky Craft Position: 258° / 3088 m Direction: East	1 vessel
Good 20% 3 Fuzzy / 3	16 14:47:00 PDT	21:47-GMT SD Bottlenose dolphin Position: 274° / 600 m Direction: Circling; Behavior: Slow travel • Leap	Total 7 — 0 Calves at sighting
Good 20% 3 Fuzzy / 3	17 14:49:00 PDT	21:49-GMT V Oil services Crew boat Position: 264° / 3088 m Direction: South	1 vessel
Good 10% 3 Fuzzy / 3	18 14:57:00 PDT	21:57-GMT V Oil services Crew boat Position: 277° / 3528 m Direction: South	1 vessel
Good 10% 3 Fuzzy / 3	19 15:21:00 PDT	22:21-GMT SD Bottlenose dolphin Position: 155° / 322 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 20% 3 Fuzzy / 3	20 16:19:00 PDT	23:19-GMT SD Common dolphin, species not determined Position: 114° / 3088 m Direction: Circling; Behavior: No direction • Foraging	Total 200 — 0 Calves at sighting
Good 20% 3 Fuzzy / 3	21 16:27:00 PDT	23:27-GMT V Private Cruising Position: 246° / 3088 m Direction: East	1 vessel
Good 20% 3 Fuzzy / 3	22 16:28:00 PDT	23:28-GMT V Fish Commercial Urchin Diving Ocean Pearl Position: 224° / 1922 m Direction: East	1 vessel
Good 20% 3 Fuzzy / 3	23 16:34:00 PDT	23:34-GMT V Oil services Crew boat Position: 275° / 3528 m Direction: North	1 vessel
Good 20% 3 Fuzzy / 3	24 16:45:00 PDT	23:45-GMT V Oil services Crew boat Position: 292° / 3528 m Direction: South	1 vessel
May 18 Day 97 of 98			
Fair 10% 2 Fuzzy / 1.7	01 9:01:00 PDT	16:01-GMT V Oil services Crew boat Position: 239° / 3528 m Direction: Still	1 vessel
Fair 10% 2 Fuzzy / 1.7	02 9:02:00 PDT	16:02-GMT Images: 6992-7022 S Gray whale (northbound) Position: 110° / 1208 m Direction: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting

CCvr Bft Horiz - Vis

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Fair 10% 3 Fuzzy / 1.7	03 9:14:00 PDT	16:14-GMT Images: 6999-7001 SD Bottlenose dolphin Position: 134° / 412 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 1.7	04 9:30:00 PDT	16:30-GMT SD Bottlenose dolphin Position: 178° / 280 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 1.7	05 9:38:00 PDT	16:38-GMT Images: 7023-41, 7138-46 V Research Diving UCSB Position: 171° / 539 m Direction: West	1 vessel
Fair 10% 3 Fuzzy / 1.7	06 9:47:00 PDT	16:47-GMT SD Bottlenose dolphin Position: 276° / 661 m Direction: East; Behavior: Slow travel • Leap	Total 1 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 1.7	07 10:25:00 PDT	17:25-GMT SD Bottlenose dolphin Position: 128° / 377 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 1.7	08 10:34:00 PDT	17:34-GMT V Private Sportfishing Position: 138° / 3088 m Direction: West	1 vessel
Fair 10% 3 Fuzzy / 1.7	09 11:44:00 PDT	18:44-GMT SD Bottlenose dolphin Position: 166° / 269 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 10% 3 Fuzzy / 1.7	10 12:10:00 PDT	19:10-GMT Images: 7043 V Fish Commercial Sportfishing Stardust Position: 297° / 2260 m Direction: Circling	1 vessel
Fair 10% 3 Fuzzy / 3	11 12:37:00 PDT	19:37-GMT V Oil services Crew boat Position: 144° / 3528 m Direction: West	1 vessel
Fair 10% 3 Fuzzy / 3	12 12:47:00 PDT	19:47-GMT Images: 7044-9 SD Bottlenose dolphin Position: 122° / 539 m Direction: West; Behavior: Slow travel • Foraging	Total 3 — 0 Calves at sighting
Good 10% 3 Fuzzy / 3	13 13:27:00 PDT	20:27-GMT V Private Cruising Position: 113° / 1922 m Direction: West	1 vessel
Good 10% 3 Fuzzy / 3	14 13:41:00 PDT	20:41-GMT V Oil services Crew boat Position: 267° / 3088 m Direction: North	1 vessel
Good 10% 3 Fuzzy / 3	15 16:14:00 PDT	23:14-GMT SD Bottlenose dolphin Position: 248° / 400 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good 10% 3 Fuzzy / 3	16 16:26:00 PDT	23:26-GMT Images: 7149-52 S Gray whale (northbound) Position: 229° / 377 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 10% 3 Fuzzy / 3	17 16:31:00 PDT	23:31-GMT SD Bottlenose dolphin Position: 274° / 455 m Direction: Circling; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good 10% 3 Fuzzy / 3	18 16:54:00 PDT	23:54-GMT V Oil services Crew boat Position: 288° / 3528 m Direction: South	1 vessel

May 19 Day 98 of 98

CCvr	BR	Horiz - Vis	Number	Time Code	Species / Vessel Type	
Poor 20%	3	Fuzzy / 1.7	01	9:14:00 PDT	16:14-GMT Images: 7293 V Private Sportfishing Position: 125° / 1674 m Direction: West	1 vessel
Poor 20%	3	Fuzzy / 1.7	02	9:23:00 PDT	16:23-GMT SD Common dolphin, species not determined Position: 162° / 1483 m Direction: East; Behavior: Slow travel • Foraging	Total 300 — 0 Calves at sighting

2013 All Sighting Numbers, raw

Number	Time Code	Species / Vessel Type	
Poor 20% 3 Fuzzy / 1.7	03 9:32:00 PDT	16:32-GMT SD Bottlenose dolphin Position: 128° / 382 m Direction: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 20% 3 Fuzzy / 1.7	04 9:39:00 PDT	16:39-GMT SW Humpback whale Position: 224° / 3088 m Direction: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor 20% 3 Fuzzy / 1.7	05 9:54:00 PDT	16:54-GMT Images: 7153 V Private Cruising Position: 111° / 2749 m Direction: West	1 vessel
Poor 20% 3 Fuzzy / 1.7	06 9:54:00 PDT	16:54-GMT V Private Cruising Position: 110° / 2749 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 2	07 10:24:00 PDT	17:24-GMT SD Common dolphin, species not determined Position: 249° / 3088 m Direction: East; Behavior: Moderate travel • Foraging	Total 200 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	08 10:25:00 PDT	17:25-GMT Images: 7154-7292 S Gray whale (northbound) Position: 102° / 3088 m Direction: West; Behavior: Slow travel	Total 4 — 2 Calves at sighting
Poor 20% 4 Fuzzy / 2	09 11:18:00 PDT	18:18-GMT SD Common dolphin, species not determined Position: 266° / 3088 m Direction: East; Behavior: Moderate travel • Foraging	Total 100 — 0 Calves at sighting
Poor 20% 4 Fuzzy / 2	10 11:31:00 PDT	18:31-GMT V Private Cruising Position: 106° / 3088 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 2	11 12:03:00 PDT	19:03-GMT V Fish Commercial Urchin Diving Carol E Position: 277° / 3088 m Direction: East	1 vessel
Fair 20% 3 Fuzzy / 2	12 12:08:00 PDT	19:08-GMT SW Humpback whale Position: 135° / 3528 m Direction: nd; Behavior: No direction	Total 1 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	13 12:12:00 PDT	19:12-GMT V Oil services Crew boat Position: 135° / 3528 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 2	14 12:16:00 PDT	19:16-GMT SD Bottlenose dolphin Position: 125° / 377 m Direction: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 20% 3 Fuzzy / 2	15 12:27:00 PDT	19:27-GMT Images: 7303-5 V Fish Commercial Sportfishing Boston Whaler Position: 247° / 1483 m Direction: East	1 vessel
Fair 20% 3 Fuzzy / 2	16 12:58:00 PDT	19:58-GMT V Oil services Crew boat Position: 274° / 3528 m Direction: North	1 vessel
Fair 20% 3 Fuzzy / 2	17 13:52:00 PDT	20:52-GMT V Oil services Crew boat Position: 267° / 3528 m Direction: South	1 vessel
Fair 20% 3 Fuzzy / 2	18 14:40:00 PDT	21:40-GMT V Private Cruising Guilty Position: 107° / 3088 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 2	19 15:40:00 PDT	22:40-GMT V Fish Commercial B-- Michelle CF5867SV Position: 120° / 3088 m Direction: West	1 vessel
Fair 20% 3 Fuzzy / 2	20 15:42:00 PDT	22:42-GMT V Private Cruising Position: 227° / 489 m Direction: East	1 vessel
Fair 20% 3 Fuzzy / 2	21 16:12:00 PDT	23:12-GMT SD Bottlenose dolphin Position: 226° / 280 m Direction: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

2013 All Sighting Numbers, raw

	Number	Time	Species / Vessel Type	
		Code		
Fair 20%	3	Fuzzy / 2	22	16:19:00 PDT 23:19-GMT
			V	Oil services Crew boat Position: 279° / 3528 m Direction: South
				1 vessel
Fair 20%	3	Fuzzy / 2	23	16:34:00 PDT 23:34-GMT
			V	Private Sportfishing Position: 216° / 778 m Direction: East
				1 vessel
Fair 20%	3	Fuzzy / 2	24	16:37:00 PDT 23:37-GMT Images: 7307
			V	Fish Commercial Squid Pioneer Position: 125° / 3088 m Direction: West
				1 vessel
Fair 30%	3	Fuzzy / 2	25	16:55:00 PDT 23:55-GMT
			SW	Humpback whale Position: 252° / 3528 m Direction: East; Behavior: Slow travel
				Total 3 — 0 Calves at sighting