



2008 All Sighting Numbers, Raw

				Number	Time Code	Species / Vessel Type			
Jan 28				Day 1 of 105					
	CCvr	Bft	Vis						
Fair	25	4	3	01	9:13:00 PST SO	17:13-GMT El Southern Sea otter Position: 131° / 639 m Dir: Stationary; Behavior: on back, feeding • in kelp • with gull(s)	Total 1	0 Pups at sighting	
Fair	25	4	3	02	9:46:00 PST SC	17:46-GMT Tt Bottlenose dolphin Position: 124° / 505 m Dir: West; Behavior: Slow travel	Total 6	0 Calves at sighting	
Fair	25	4	3	03	9:55:00 PST SC	17:55-GMT Er Gray whale (southbound) Position: 192° / 871 m Dir: East; Behavior: Slow travel	Total 1	0 Calves at sighting	
Fair	85	4	3	04	9:59:00 PST SC	17:59-GMT Tt Bottlenose dolphin Position: 176° / 275 m Dir: East; Behavior: not indicated	Total 3	0 Calves at sighting	
Fair	85	4	3	05	10:15:00 PST SO	18:15-GMT El Southern Sea otter Position: 122° / 639 m Dir: Stationary; Behavior: on back, feeding • in kelp • with gull(s)	Total 1	0 Pups at sighting	
Fair	85	4	3	06	10:24:00 PST SC	18:24-GMT Tt Bottlenose dolphin Position: 199° / 327 m Dir: West; Behavior: Slow travel	Total 2	0 Calves at sighting	
Fair	85	4	3	07	10:50:00 PST SO	18:50-GMT El Southern Sea otter Position: 189° / 367 m Dir: Stationary; Behavior: on back, feeding • in surf zone	Total 1	0 Pups at sighting	
Fair	60	4	3	08	10:53:00 PST SC	18:53-GMT Tt Bottlenose dolphin Position: 132° / 466 m Dir: West; Behavior: Slow travel	Total 5	0 Calves at sighting	
Poor	15	5	4	Off-Effort 09	11:12:00 PST SC	19:12-GMT Tt Bottlenose dolphin Position: 152° / 295 m Dir: West; Behavior: Slow travel	Total 3	0 Calves at sighting	
Poor	65	5	4	Off-Effort 10	12:49:00 PST SO	20:49-GMT El Southern Sea otter Position: 168° / 275 m Dir: West; Behavior: with gull(s) • on back, feeding • in surf zone	Total 1	0 Pups at sighting	
Fair	65	5	4	Off-Effort 11	15:15:00 PST SO	23:15-GMT El Southern Sea otter Position: 141° / 356 m Dir: West; Behavior: on back, feeding • in open water • with gull(s)	Total 1	0 Pups at sighting	
Fair	5	3	4	12	16:17:00 PST SO	0:17; 1/29/2008-GMT El Southern Sea otter Position: 137° / 404 m Dir: East; Behavior: on back, feeding • in kelp • with gull(s)	Total 1	0 Pups at sighting	
Jan 29				Day 2 of 105					
	CCvr	Bft	Vis						
Good	0	1	5	01	9:15:00 PST SO	17:15-GMT El Southern Sea otter Position: 148° / 228 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 1	0 Pups at sighting	

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prepared by Michael H Smith, Project Coordinator, Gray Whales Count, Santa Barbara, California, USA.

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2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	1	5	02 9:16:00 PST 17:16-GMT SO El Southern Sea otter Position: 148° / 228 m Dir: Stationary; Behavior: in kelp • on back, resting Total 1 — 0 Pups at sighting
Excellent	0	1	6	03 11:19:00 PST 19:19-GMT SO El Southern Sea otter Position: 151° / 224 m Dir: East; Behavior: Swimming • in kelp Total 1 — 0 Pups at sighting
Good	0	3	6	04 13:32:00 PST 21:32-GMT SO El Southern Sea otter Position: 148° / 189 m Dir: South; Behavior: in surf zone • on back, feeding Total 1 — 0 Pups at sighting
Good	0	3	6	05 13:47:00 PST 21:47-GMT SO El Southern Sea otter Position: 154° / 466 m Dir: Stationary; Behavior: in open water • with gull(s) Total 1 — 0 Pups at sighting
Good	0	3	6	06 14:27:00 PST 22:27-GMT SO El Southern Sea otter Position: 232° / 167 m Dir: West; Behavior: Swimming • in surf zone Total 1 — 0 Pups at sighting
Fair	0	4	3	07 16:22:00 PST 0:22; 1/30/2008-GMT SO El Southern Sea otter Position: 184° / 201 m Dir: East; Behavior: Grooming • in surf zone Total 1 — 0 Pups at sighting
Fair	0	4	3	08 16:30:00 PST 0:30; 1/30/2008-GMT SO El Southern Sea otter Position: 134° / 310 m Dir: East; Behavior: in kelp • in surf zone Total 1 — 0 Pups at sighting
Jan 30 Day 3 of 105				
	CCvr	Bft	Vis	
Fair	5	4	3	01 9:18:00 PST 17:18-GMT SO El Southern Sea otter Position: 93° / 800 m Dir: Stationary; Behavior: in kelp • on back, resting Total 1 — 0 Pups at sighting
Fair	5	4	3	02 9:36:00 PST 17:36-GMT SO El Southern Sea otter Position: 106° / 812 m Dir: Stationary; Behavior: in kelp • on back, resting Total 1 — 0 Pups at sighting
Poor	5	5	3	Off-Effort 03 10:17:00 PST 18:17-GMT SC Tt Bottlenose dolphin Position: 196° / 551 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	5	5	3	Off-Effort 04 10:19:00 PST 18:19-GMT SC Tt Bottlenose dolphin Position: 191° / 367 m Dir: West; Behavior: not indicated Total 4 — 0 Calves at sighting
Poor	5	5	3	Off-Effort 05 10:32:00 PST 18:32-GMT SO El Southern Sea otter Position: 129° / 310 m Dir: South; Behavior: in kelp • in surf zone • Diving Total 1 — 0 Pups at sighting
Poor	5	6	3	Off-Effort 06 11:43:00 PST 19:43-GMT SO El Southern Sea otter Position: 140° / 288 m Dir: Stationary; Behavior: in kelp • Diving Total 1 — 0 Pups at sighting
Fair	5	4	3	07 14:08:00 PST 22:08-GMT SC Er Gray whale (southbound) Position: 265° / 1,228 m Dir: East; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	5	3	3	08 15:13:00 PST 23:13-GMT SC Er Gray whale (southbound) Position: 262° / 356 m Dir: East; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	10	3	5	09 15:39:00 PST 23:39-GMT SC Er Gray whale (southbound) Position: 256° / 871 m Dir: East; Behavior: Slow travel Total 2 — 0 Calves at sighting
Feb 01 Day 5 of 105				
	CCvr	Bft	Vis	
Poor	5	4	3	01 9:57:00 PST 17:57-GMT SC Tt Bottlenose dolphin Position: 249° / 505 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

		Number	Time	Species / Vessel Type		
		Code	Code			
Feb 02 Day 6 of 105						
	CCvr	Bft	Vis			
Fair	80	2	4	01	9:10:00 PST SO	17:10-GMT El Southern Sea otter Position: 143° / 551 m Dir: West; Behavior: in open water • on back, feeding
						Total 1 — 0 Pups at sighting
Fair	15	4	4	02	10:14:00 PST SC	18:14-GMT Er Gray whale (southbound) Position: 231° / 1,778 m Dir: East; Behavior: Slow travel
						Total 2 — 0 Calves at sighting
Fair	15	4	4	03	10:29:00 PST SC	18:29-GMT Er Gray whale (southbound) Position: 238° / 551 m Dir: East; Behavior: Slow travel
						Total 1 — 0 Calves at sighting
Good	10	3	5	04	11:55:00 PST SC	19:55-GMT Tt Bottlenose dolphin Position: 156° / 327 m Dir: West; Behavior: Slow travel
						Total 2 — 0 Calves at sighting
Good	10	3	5	05	12:01:00 PST SC	20:01-GMT Er Gray whale (southbound) Position: 202° / 336 m Dir: East; Behavior: Slow travel
						Total 1 — 0 Calves at sighting
Fair	15	4	4	06	13:23:00 PST SC	21:23-GMT Er Gray whale (southbound) Position: 254° / 1,778 m Dir: East; Behavior: Slow travel
						Total 2 — 0 Calves at sighting
Fair	15	4	4	07	13:44:00 PST SC	21:44-GMT Tt Bottlenose dolphin Position: 234° / 336 m Dir: East; Behavior: Slow travel
						Total 2 — 0 Calves at sighting
Feb 04 Day 8 of 105						
	CCvr	Bft	Vis			
Fair	5	4	4	01	9:55:00 PST SO	17:55-GMT El Southern Sea otter Position: 111° / 1,228 m Dir: North; Behavior: in kelp • on back, resting
						Total 1 — 0 Pups at sighting
Fair	15	4	4	02	10:12:00 PST SC	18:12-GMT ULW unidentified large whale Position: 120° / 1,113 m Dir: nd; Behavior: not determined
						Total 1 — 0 Calves at sighting
Fair	25	4	4	03	13:01:00 PST SV	21:01-GMT Helicopter Position: 180° / 1200 m Dir: West
						1 vessel
Good	40	4	5	04	13:54:00 PST SC	21:54-GMT Tt Bottlenose dolphin Position: 139° / 551 m Dir: West; Behavior: Slow travel • Milling
						Total 7 — 0 Calves at sighting
Good	40	4	5	05	14:12:00 PST SV	22:12-GMT Oil services Position: 273° / 3,288 m Dir: South
						1 vessel
Good	40	4	5	06	14:18:00 PST SO	22:18-GMT El Southern Sea otter Position: 187° / 378 m Dir: West; Behavior: Swimming • in open water
						Total 1 — 0 Pups at sighting
Good	20	3	5	07	14:29:00 PST SC	22:29-GMT Er Gray whale (southbound) Position: 196° / 1,228 m Dir: East; Behavior: Slow travel • Fluke
						Total 2 — 0 Calves at sighting
Good	20	3	5	08	15:37:00 PST SV	23:37-GMT Fish-trap-commercial Position: 292° / 3,288 m Dir: East
						1 vessel
Good	10	3	5	09	15:39:00 PST SC	23:39-GMT Er Gray whale (southbound) Position: 258° / 1,778 m Dir: East; Behavior: Slow travel • Fluke
						Total 4 — 0 Calves at sighting
Fair	10	3	4	10	16:12:00 PST SC	0:12; 2/5/2008-GMT ULW unidentified large whale Position: 212° / 2,553 m Dir: nd; Behavior: Slow travel
						Total 2 — 0 Calves at sighting
Fair	10	3	4	11	16:37:00 PST SV	0:37; 2/5/2008-GMT Oil services Position: 291° / 3,288 m Dir: South
						1 vessel

2008 All Sighting Numbers, Raw

			Number	Time	Species / Vessel Type		
			Code	Code			
Feb 05 Day 9 of 105							
	CCvr	Bft	Vis				
Good	0	1	3	01	9:11:00 PST SV	17:11-GMT Oil services Position: 199° / 3,288 m Dir: Stationary	1 vessel
Good	0	1	3	02	9:11:00 PST SV	17:11-GMT Kelp harvester Position: 264° / 1,778 m Dir: West	1 vessel
Good	0	1	3	03	9:13:00 PST SV	17:13-GMT Research vessel Position: 267° / 1,019 m Dir: Stationary	1 vessel
Good	0	1	3	04	9:15:00 PST SV	17:15-GMT Kelp harvester Position: 101° / 2,094 m Dir: South	1 vessel
Good	0	1	3	05	9:23:00 PST SV	17:23-GMT Fish-commercial Position: 258° / 3,288 m Dir: East	1 vessel
Good	0	1	3	06	10:09:00 PST SV	18:09-GMT Fish-trap-commercial Position: 113° / 2,553 m Dir: West	1 vessel
Good	0	1	3	07	11:41:00 PST SV	19:41-GMT Oil services Position: 290° / 3,288 m Dir: South	1 vessel
Good	35	1	4	08	11:43:00 PST SV	19:43-GMT Fish-trap-commercial Position: 107° / 2,553 m Dir: West	1 vessel
Good	10	0	4	09	12:07:00 PST SV	20:07-GMT Oil services Position: 284° / 3,288 m Dir: North	1 vessel
Good	10	0	4	10	12:30:00 PST SV	20:30-GMT Helicopter Position: 144° / 600 m Dir: West	1 vessel
Good	5	0	4	11	12:59:00 PST SV	20:59-GMT Helicopter Position: 144° / 600 m Dir: West	1 vessel
Excellent	10	0	5	12	14:13:00 PST SV	22:13-GMT Fish-trap-commercial Position: 200° / 2,553 m Dir: West	1 vessel
Excellent	10	0	5	13	14:16:00 PST SC	22:16-GMT Tt Bottlenose dolphin Position: 254° / 812 m Dir: East; Behavior: Slow travel	Total 5 — 1 Calf at sighting
Excellent	10	0	5	14	14:23:00 PST SC	22:23-GMT Tt Bottlenose dolphin Position: 239° / 485 m Dir: Stationary; Behavior: Milling • Slow travel	Total 5 — 0 Calves at sighting
Good	10	2	4	15	14:55:00 PST SV	22:55-GMT Oil services Position: 283° / 3,288 m Dir: South	1 vessel
Good	10	2	4	16	15:02:00 PST SC	23:02-GMT Er Gray whale (southbound) Position: 276° / 2,553 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	10	2	4	17	15:31:00 PST SC	23:31-GMT Er Gray whale (southbound) Position: 249° / 1,019 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	5	2	4	18	15:52:00 PST SV	23:52-GMT Fish-commercial Position: 118° / 2,553 m Dir: West	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	5	3	3	
	19	16:35:00 PST SV	0:35; 2/6/2008-GMT Fish-trap-commercial Position: 222° / 1,113 m Dir: East	1 vessel
Fair	5	3	3	
	20	16:37:00 PST SV	0:37; 2/6/2008-GMT Oil services Position: 289° / 3,288 m Dir: South	1 vessel
Feb 06 Day 10 of 105				
		CCvr	Bft	Vts
	19	void	PST	8:-GMT
Good	10	0	3	
	01	9:30:00 PST SV	17:30-GMT Fish-trap-commercial Position: 219° / 378 m Dir: West	1 vessel
Good	10	0	3	
	02	9:34:00 PST SV	17:34-GMT Oil services Position: 278° / 3,288 m Dir: North	1 vessel
Good	10	0	3	
	03	9:37:00 PST SV	17:37-GMT Fish-commercial Position: 234° / 1,113 m Dir: East	1 vessel
Good	10	0	3	
	04	9:39:00 PST SV	17:39-GMT Kelp harvester Position: 104° / 871 m Dir: East	1 vessel
Good	10	0	3	
	05	9:41:00 PST SV	17:41-GMT Oil services Position: 203° / 2,553 m Dir: Stationary	1 vessel
Good	10	0	3	
	06	9:42:00 PST SV	17:42-GMT Fish-trap-commercial Sundowner Position: 291° / 2,553 m Dir: East	1 vessel
Good	10	0	3	
	07	9:47:00 PST SO	17:47-GMT El Southern Sea otter Position: 130° / 551 m Dir: Stationary; Behavior: in kelp • Diving	Total 1 — 0 Pups at sighting
Good	15	1	4	
	08	9:57:00 PST SO	17:57-GMT El Southern Sea otter Position: 96° / 551 m Dir: West; Behavior: in kelp • Diving	Total 1 — 0 Pups at sighting
Good	15	1	4	
	09	10:01:00 PST SV	18:01-GMT Oil services Position: 286° / 3,288 m Dir: South	1 vessel
Good	15	1	4	
	10	10:15:00 PST SV	18:15-GMT Dive-commercial Position: 129° / 1,778 m Dir: West	1 vessel
Good	15	1	4	
	11	10:40:00 PST SV	18:40-GMT Dive-research Position: 284° / 812 m Dir: East	1 vessel
Good	15	1	4	
	12	10:43:00 PST SV	18:43-GMT Fish-trap-commercial Position: 124° / 3,288 m Dir: West	1 vessel
Good	15	1	4	
	13	10:45:00 PST SV	18:45-GMT Sportfish-private Position: 104° / 639 m Dir: West	1 vessel
Good	15	1	4	
	14	10:58:00 PST SC	18:58-GMT Tt Bottlenose dolphin Position: 260° / 318 m Dir: East; Behavior: Slow travel	Total 15 — 1 Calf at sighting
Good	15	1	4	
	15	11:14:00 PST SV	19:14-GMT Fish-trap-commercial March Gale Position: 112° / 2,094 m Dir: West	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type		
Good	15	1 4	16 11:20:00 PST SV 19:20-GMT Dive-private Position: 269° / 1,778 m Dir: East	1 vessel	
Good	15	1 4	17 11:21:00 PST SC 19:21-GMT Tt Bottlenose dolphin Position: 246° / 242 m Dir: East; Behavior: Slow travel	Total 4 — 1 Calf at sighting	
Good	25	1 4	18 11:28:00 PST SC 19:28-GMT Tt Bottlenose dolphin Position: 192° / 242 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting	
Good	25	1 4	20 12:45:00 PST SC 20:45-GMT Tt Bottlenose dolphin Position: 124° / 551 m Dir: West; Behavior: Slow travel	Total 12 — 2 Calves at sighting	
Good	25	1 4	21 12:52:00 PST SC 20:52-GMT Er Gray whale (southbound) Position: 202° / 1,778 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting	
Good	25	1 4	22 13:09:00 PST SO 21:09-GMT El Southern Sea otter Position: 203° / 288 m Dir: West; Behavior: in kelp	Total 1 — 0 Pups at sighting	
Good	75	0 4	23 13:21:00 PST SV 21:21-GMT Oil services Position: 241° / 3,288 m Dir: Stationary	1 vessel	
Good	45	2 4	24 14:46:00 PST SC 22:46-GMT Tt Bottlenose dolphin Position: 165° / 466 m Dir: West; Behavior: not indicated	Total 5 — 0 Calves at sighting	
Good	25	4 4	25 15:10:00 PST SC 23:10-GMT ULW unidentified large whale Position: 261° / 2,553 m Dir: East; Behavior: not indicated	Total 1 — 0 Calves at sighting	
Fair	25	4 3	26 15:14:00 PST SV 23:14-GMT Oil services Position: 274° / 3,288 m Dir: South	1 vessel	
Fair	25	4 3	27 16:00:00 PST SC 0:00; 2/7/2008-GMT D sp Common dolphin, species not Position: 204° / 3,288 m Dir: East; Behavior: Fast travel	Total 400 — 0 Calves at sighting	
Fair	25	4 3	28 16:05:00 PST SC 0:05; 2/7/2008-GMT Er Gray whale (southbound) Position: 206° / 3,288 m Dir: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting	
Fair	25	4 3	29 16:07:00 PST SV 0:07; 2/7/2008-GMT Oil services Position: 208° / 2,553 m Dir: West	1 vessel	
Fair	25	4 3	30 16:12:00 PST SV 0:12; 2/7/2008-GMT Fish-trap-commercial Sea Fever Position: 210° / 1,019 m Dir: Stationary	1 vessel	
Fair	25	4 3	31 16:14:00 PST SV 0:14; 2/7/2008-GMT Oil services Position: 272° / 3,288 m Dir: North	1 vessel	
Fair	25	4 3	32 16:15:00 PST SV 0:15; 2/7/2008-GMT Oil services Position: 246° / 2,872 m Dir: South	1 vessel	
Fair	25	5 3	Off-Effort 33 16:46:00 PST SV 0:46; 2/7/2008-GMT Oil services Position: 282° / 3,288 m Dir: South	1 vessel	
Feb 07 Day 11 of 105					
	CCvr	Bft	Vis		
Fair	0	0	3	01 9:47:00 PST SC 17:47-GMT Tt Bottlenose dolphin Position: 116° / 639 m Dir: West; Behavior: Slow travel	Total 7 — 2 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	0	3	02 9:54:00 PST SC 17:54-GMT Tt Bottlenose dolphin Position: 134° / 675 m Dir: West; Behavior: Slow travel • Milling Total 2 — 0 Calves at sighting
Good	0	0	4	03 9:56:00 PST SC 17:56-GMT Tt Bottlenose dolphin Position: 125° / 578 m Dir: West; Behavior: not indicated Total 6 — 2 Calves at sighting
Good	0	0	4	04 10:19:00 PST SO 18:19-GMT El Southern Sea otter Position: 234° / 237 m Dir: Stationary; Behavior: in kelp • on back, feeding Total 1 — 0 Pups at sighting
Good	0	0	4	05 10:24:00 PST SO 18:24-GMT El Southern Sea otter Position: 203° / 715 m Dir: Stationary; Behavior: in open water • Diving • with gull(s) Total 1 — 0 Pups at sighting
Good	0	1	5	06 11:20:00 PST SC 19:20-GMT Tt Bottlenose dolphin Position: 140° / 295 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	0	1	4	07 13:04:00 PST SV 21:04-GMT Oil services Position: 204° / 1,778 m Dir: Stationary 1 vessel
Good	0	1	5	08 14:14:00 PST SV 22:14-GMT Kelp harvester Ocean Rose Position: 259° / 1,778 m Dir: East 1 vessel
Good	0	1	5	09 14:37:00 PST SV 22:37-GMT Oil services Position: 284° / 3,288 m Dir: South 1 vessel
Fair	0	1	4	10 15:19:00 PST SV 23:19-GMT Fish-trap-commercial Position: 284° / 1,778 m Dir: East 1 vessel
Fair	0	1	3	11 16:23:00 PST SV 0:23; 2/8/2008-GMT Oil services The Little Tugboat Position: 227° / 1,778 m Dir: West 1 vessel
Fair	0	1	3	12 16:29:00 PST SV 0:29; 2/8/2008-GMT Oil services Position: 284° / 2,553 m Dir: South 1 vessel

Feb 08 Day 12 of 105

	CCvr	Blf	Vrs	
Good	0	0	4	01 9:07:00 PST SO 17:07-GMT El Southern Sea otter Position: 202° / 281 m Dir: West; Behavior: Swimming • in kelp Total 1 — 0 Pups at sighting
Good	0	0	4	02 9:47:00 PST SO 17:47-GMT El Southern Sea otter Position: 187° / 288 m Dir: West; Behavior: Swimming • in open water Total 1 — 0 Pups at sighting
Good	0	1	4	03 9:53:00 PST SC 17:53-GMT Tt Bottlenose dolphin Position: 122° / 418 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Good	0	0	4	04 13:09:00 PST SC 21:09-GMT Tt Bottlenose dolphin Position: 161° / 336 m Dir: West; Behavior: Slow travel Total 9 — 2 Calves at sighting
Good	0	0	4	05 13:29:00 PST SV 21:29-GMT Fish-trap-commercial Position: 257° / 715 m Dir: East 1 vessel
Good	0	0	4	06 13:32:00 PST SV 21:32-GMT Kelp harvester Ocean Rose Position: 261° / 1,778 m Dir: East 1 vessel
Good	0	0	4	07 13:37:00 PST SV 21:37-GMT Fish-commercial Position: 238° / 2,094 m Dir: East 1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	0	4	08 13:54:00 PST SC 21:54-GMT Er Gray whale (southbound) Position: 232° / 404 m Dir: East; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	0	0	4	09 14:47:00 PST SV 22:47-GMT Oil services Position: 289° / 3,288 m Dir: South 1 vessel
Good	0	0	4	10 14:56:00 PST SO 22:56-GMT El Southern Sea otter Position: 120° / 1,228 m Dir: South; Behavior: Swimming • in open water Total 1 — 0 Pups at sighting
Good	0	0	4	11 15:06:00 PST SV 23:06-GMT Sportfish-private Position: 218° / 3,288 m Dir: South 1 vessel
Fair	0	0	4	12 16:37:00 PST SV 0:37; 2/9/2008-GMT Oil services Position: 289° / 3,288 m Dir: South 1 vessel
Feb 09 Day 13 of 105				
	CCvr	Bft	Vis	
Good	0	0	4	01 9:00:00 PST SC 17:00-GMT Er Gray whale (southbound) Position: 203° / 505 m Dir: East; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	0	0	4	02 9:16:00 PST SV 17:16-GMT Dive-private Position: 119° / 1,019 m Dir: West 1 vessel
Good	0	0	4	03 9:21:00 PST SV 17:21-GMT Oil services Mr. Clean Position: 204° / 1,778 m Dir: West 1 vessel
Good	0	0	4	04 9:27:00 PST SC 17:27-GMT Tt Bottlenose dolphin Position: 261° / 224 m Dir: East; Behavior: Slow travel Total 6 — 0 Calves at sighting
Good	0	0	4	05 9:33:00 PST SC 17:33-GMT Tt Bottlenose dolphin Position: 204° / 378 m Dir: East; Behavior: Slow travel • Milling Total 5 — 0 Calves at sighting
Good	0	0	4	06 9:38:00 PST SP 17:38-GMT Ma Northern Elephant seal Position: 244° / 212 m Dir: Stationary; Behavior: not indicated Total 1 — 0 Pups at sighting
Good	0	0	4	07 9:40:00 PST SC 17:40-GMT Tt Bottlenose dolphin Position: 240° / 327 m Dir: East; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	0	0	4	08 9:57:00 PST SV 17:57-GMT Sailboat (motor) Position: 107° / 1,778 m Dir: West 1 vessel
Good	0	0	4	09 10:20:00 PST SC 18:20-GMT Tt Bottlenose dolphin Position: 240° / 1,546 m Dir: East; Behavior: Slow travel • Milling Total 4 — 0 Calves at sighting
Good	0	0	4	10 10:23:00 PST SC 18:23-GMT Tt Bottlenose dolphin Position: 272° / 356 m Dir: East; Behavior: Slow travel Total 10 — 0 Calves at sighting
Good	0	0	4	11 11:14:00 PST SC 19:14-GMT Tt Bottlenose dolphin Position: 177° / 639 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Good	0	0	4	12 11:38:00 PST SC 19:38-GMT Tt Bottlenose dolphin Position: 131° / 1,228 m Dir: Stationary; Behavior: Slow travel • Milling Total 3 — 0 Calves at sighting
Good	0	0	4	13 11:48:00 PST SV 19:48-GMT Fish-trap-commercial Position: 109° / 1,778 m Dir: Stationary 1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	0	5	14 12:06:00 PST SV 20:06-GMT Private Position: 109° / 1,778 m Dir: West 1 vessel
Good	0	0	5	15 13:24:00 PST SV 21:24-GMT Sportfish-private Position: 176° / 2,553 m Dir: East 1 vessel
Good	0	1	5	16 14:07:00 PST SV 22:07-GMT Dive-private Position: 254° / 812 m Dir: East 1 vessel
Good	0	2	5	17 14:22:00 PST SV 22:22-GMT Dive-private Position: 261° / 812 m Dir: East 1 vessel
Good	0	1	5	18 15:56:00 PST SO 23:56-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 300° / 1000 m Dir: Stationary; Behavior: on back, resting • in open water
Good	0	1	5	19 16:02:00 PST SC 0:02; 2/10/2008-GMT ULW unidentified large whale Total 1 — 0 Calves at sighting Position: 213° / 1,778 m Dir: East; Behavior: Slow travel
Good	0	1	5	20 16:13:00 PST SC 0:13; 2/10/2008-GMT Er Gray whale (southbound) Total 1 — 0 Calves at sighting Position: 247° / 378 m Dir: East; Behavior: Slow travel
Good	0	1	3	21 16:30:00 PST SC 0:30; 2/10/2008-GMT Tt Bottlenose dolphin Total 12 — 0 Calves at sighting Position: 109° / 812 m Dir: West; Behavior: Slow travel
Good	0	1	3	22 16:31:00 PST SV 0:31; 2/10/2008-GMT Oil services 1 vessel Position: 217° / 2,553 m Dir: East
Good	0	1	3	23 16:33:00 PST SV 0:33; 2/10/2008-GMT Private 1 vessel Position: 136° / 485 m Dir: East
Feb 10 Day 14 of 105				
	CCvr	Bft	Vis	
Fair	75	0	3	01 9:42:00 PST SV 17:42-GMT Fish-commercial 1 vessel Position: 260° / 3,288 m Dir: West
Fair	75	0	3	02 9:47:00 PST SV 17:47-GMT Fish-commercial 1 vessel Position: 267° / 2,553 m Dir: East
Fair	75	0	3	03 9:59:00 PST SC 17:59-GMT Tt Bottlenose dolphin Total 2 — 0 Calves at sighting Position: 104° / 840 m Dir: West; Behavior: Slow travel
Good	75	0	4	04 11:49:00 PST SO 19:49-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 137° / 2,094 m Dir: East; Behavior: Swimming • in open water
Good	75	0	4	05 11:52:00 PST SV 19:52-GMT Oil services 1 vessel Position: 256° / 3,288 m Dir: South
Good	75	0	4	06 11:59:00 PST SV 19:59-GMT Private 1 vessel Position: 109° / 2,094 m Dir: West
Good	40	0	4	07 12:01:00 PST SV 20:01-GMT Jet ski 2 vessels Position: 108° / 3,288 m Dir: Stationary
Good	40	0	4	08 12:06:00 PST SO 20:06-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 234° / 247 m Dir: West; Behavior: in kelp • on back, feeding

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	40	0 4	09 12:13:00 PST SC 20:13-GMT Tt Bottlenose dolphin Position: 136° / 715 m Dir: West; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Good	40	0 4	10 12:21:00 PST SC 20:21-GMT Tt Bottlenose dolphin Position: 130° / 449 m Dir: West; Behavior: Slow travel	Total 9 — 2 Calves at sighting
Good	40	0 4	11 12:23:00 PST SC 20:23-GMT Tt Bottlenose dolphin Position: 124° / 378 m Dir: Stationary; Behavior: Slow travel • Milling	Total 7 — 2 Calves at sighting
Good	40	0 4	12 12:35:00 PST SV 20:35-GMT Private Position: 106° / 433 m Dir: Stationary	1 vessel
Good	40	0 4	13 12:37:00 PST SC 20:37-GMT Tt Bottlenose dolphin Position: 140° / 390 m Dir: North; Behavior: Slow travel • Milling	Total 3 — 0 Calves at sighting
Fair	30	0 4	14 13:18:00 PST SV 21:18-GMT Sportfish-private Position: 106° / 1,019 m Dir: West	1 vessel
Fair	30	0 4	15 13:25:00 PST SV 21:25-GMT Sportfish-private Position: 106° / 1,778 m Dir: West	1 vessel
Fair	30	0 4	16 13:36:00 PST SC 21:36-GMT Tt Bottlenose dolphin Position: 252° / 318 m Dir: East; Behavior: Slow travel • Milling	Total 6 — 0 Calves at sighting
Fair	30	0 4	17 13:41:00 PST SV 21:41-GMT Kayak/canoe (beyond kelp) Position: 108° / 1,019 m Dir: West	1 vessel
Good	35	1 4	18 14:50:00 PST SV 22:50-GMT Sportfish-private Position: 116° / 1,019 m Dir: South	1 vessel
Fair	35	1 3	19 15:16:00 PST SV 23:16-GMT Private Position: 281° / 1,778 m Dir: East	1 vessel
Fair	35	1 3	20 15:25:00 PST SC 23:25-GMT Tt Bottlenose dolphin Position: 119° / 607 m Dir: West; Behavior: Slow travel • Milling	Total 4 — 0 Calves at sighting
Fair	35	1 3	21 15:40:00 PST SV 23:40-GMT Oil services Position: 273° / 3,288 m Dir: South	1 vessel
Fair	35	1 3	22 15:42:00 PST SC 23:42-GMT Tt Bottlenose dolphin Position: 187° / 257 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	25	0 3	23 16:12:00 PST SC 0:12; 2/11/2008-GMT Tt Bottlenose dolphin Position: 268° / 404 m Dir: East; Behavior: Slow travel • Milling	Total 5 — 0 Calves at sighting
Fair	25	0 3	24 16:13:00 PST SV 0:13; 2/11/2008-GMT Dive-private Position: 285° / 1,019 m Dir: East	1 vessel
Fair	25	0 3	25 16:24:00 PST SV 0:24; 2/11/2008-GMT Oil services Position: 281° / 3,288 m Dir: South	1 vessel
Fair	25	0 3	26 16:33:00 PST SC 0:33; 2/11/2008-GMT Tt Bottlenose dolphin Position: 167° / 224 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	25	0 3	27 16:42:00 PST SC 0:42; 2/11/2008-GMT Tt Bottlenose dolphin Position: 147° / 578 m Dir: West; Behavior: Slow travel • Milling	Total 5 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

			Number	Time	Species / Vessel Type		
				Code			
Feb 11	Day 15 of 105						
	CCvr	Bft	Vts				
Fair	60	0	3	01	10:34:00 PST SV	18:34-GMT Fish-commercial Position: 121° / 3,288 m Dir: West	1 vessel
Fair	60	0	3	02	10:38:00 PST SV	18:38-GMT Oil services Position: 286° / 3,288 m Dir: South	1 vessel
Fair	60	0	3	03	10:39:00 PST SV	18:39-GMT Fish-commercial Sundowner Position: 125° / 3,288 m Dir: West	1 vessel
Fair	50	0	3	04	10:57:00 PST SV	18:57-GMT Fish-commercial Position: 104° / 3,288 m Dir: South	1 vessel
Fair	50	0	3	05	11:02:00 PST SV	19:02-GMT Fish-trap-commercial Position: 104° / 2,872 m Dir: West	1 vessel
Fair	50	0	3	06	11:17:00 PST SV	19:17-GMT Oil services Position: 294° / 3,288 m Dir: South	1 vessel
Good	20	0	4	07	12:36:00 PST SV	20:36-GMT Kelp harvester Ocean Rose Position: 283° / 2,553 m Dir: East	1 vessel
Good	20	0	4	08	12:43:00 PST SV	20:43-GMT Fish-trap-commercial Cameleon Position: 109° / 2,094 m Dir: West	1 vessel
Fair	5	0	3	09	14:00:00 PST SV	22:00-GMT Helicopter Position: 254° / 1000 m Dir: East	1 vessel
Fair	5	0	3	10	14:13:00 PST SV	22:13-GMT Research vessel Sheerwater Position: 141° / 3,288 m Dir: North	1 vessel
Fair	5	0	3	11	14:27:00 PST SC	22:27-GMT Tt Bottlenose dolphin Position: 104° / 639 m Dir: West; Behavior: Slow travel	Total 8 — 2 Calves at sighting
Fair	5	0	3	12	14:39:00 PST SC	22:39-GMT Tt Bottlenose dolphin Position: 137° / 404 m Dir: West; Behavior: Slow travel	Total 8 — 2 Calves at sighting
Fair	5	0	3	13	14:45:00 PST SV	22:45-GMT Blimp MetLife Position: 290° / 1200 m Dir: East	1 vessel
Fair	5	0	3	14	14:47:00 PST SV	22:47-GMT Oil services Position: 270° / 3,288 m Dir: South	1 vessel
Fair	5	0	3	15	14:48:00 PST SC	22:48-GMT Tt Bottlenose dolphin Position: 193° / 201 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	5	0	3	16	15:04:00 PST SV	23:04-GMT Oil services Position: 290° / 3,288 m Dir: South	1 vessel
Good	0	0	4	17	15:22:00 PST SC	23:22-GMT Tt Bottlenose dolphin Position: 128° / 433 m Dir: West; Behavior: Slow travel	Total 6 — 1 Calf at sighting
Good	0	0	4	18	15:50:00 PST SC	23:50-GMT Tt Bottlenose dolphin Position: 222° / 327 m Dir: East; Behavior: Slow travel	Total 8 — 2 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	0	3	19 15:52:00 PST SV 23:52-GMT Oil services Position: 287° / 3,288 m Dir: South 1 vessel
Fair	0	0	3	20 16:34:00 PST SV 0:34; 2/12/2008-GMT Oil services Position: 280° / 3,288 m Dir: South 1 vessel
Fair	0	0	3	21 16:44:00 PST SV 0:44; 2/12/2008-GMT Jet ski Position: 114° / 1,778 m Dir: South 1 vessel
Feb 12 Day 16 of 105				
	CCvr	Bft	Vis	
Fair	5	1	2	01 9:06:00 PST SV 17:06-GMT Fish-trap-commercial Position: 287° / 1,778 m Dir: Stationary 1 vessel
Fair	5	1	2	02 9:30:00 PST SV 17:30-GMT Oil services Position: 282° / 2,553 m Dir: South 1 vessel
Fair	5	1	2	03 9:39:00 PST SV 17:39-GMT Research vessel Position: 104° / 3,288 m Dir: West 1 vessel
Fair	5	1	2	04 9:51:00 PST SV 17:51-GMT Sailboat Position: 122° / 2,553 m Dir: West 1 vessel
Fair	5	0	2	05 10:20:00 PST SV 18:20-GMT Fish-commercial Position: 104° / 3,288 m Dir: West 1 vessel
Fair	5	0	2	06 10:23:00 PST SV 18:23-GMT Barge/tug Jovalan Position: 214° / 2,553 m Dir: South 1 vessel
Fair	5	0	2	07 10:26:00 PST SV 18:26-GMT Fish-commercial Position: 108° / 3,288 m Dir: North 1 vessel
Fair	5	0	2	08 10:36:00 PST SV 18:36-GMT Helicopter Position: 134° / 600 m Dir: West 1 vessel
Fair	5	0	3	09 11:36:00 PST SV 19:36-GMT Oil services Position: 284° / 3,288 m Dir: South 1 vessel
Fair	5	0	3	10 11:39:00 PST SV 19:39-GMT Oil services Position: 243° / 3,288 m Dir: East 1 vessel
Fair	5	0	3	11 11:46:00 PST SV 19:46-GMT not determined Position: 160° / 3,288 m Dir: East 1 vessel
Fair	5	0	3	12 11:47:00 PST SV 19:47-GMT Airplane Position: 104° / 3000 m Dir: North 1 vessel
Fair	5	0	3	13 12:23:00 PST SV 20:23-GMT Oil services Position: 154° / 3,288 m Dir: North 1 vessel
Fair	5	0	3	14 12:51:00 PST SV 20:51-GMT Fish-commercial Sundowner Position: 272° / 2,553 m Dir: East 1 vessel
Fair	10	0	3	15 13:31:00 PST SC 21:31-GMT Tt Bottlenose dolphin Position: 170° / 449 m Dir: West; Behavior: Slow travel Total 5 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair 10 0 3	16	13:47:00 PST SV	21:47-GMT Oil services Position: 282° / 3,288 m Dir: South	1 vessel
Fair 10 1 3	17	14:35:00 PST SV	22:35-GMT Helicopter Position: 112° / 2000 m Dir: West	1 vessel
Good 25 2 4	18	15:03:00 PST SV	23:03-GMT Helicopter Position: 134° / 1000 m Dir: West	1 vessel
Fair 65 2 2	19	16:02:00 PST SV	0:02; 2/13/2008-GMT Fish-trap-commercial Position: 280° / 2,094 m Dir: East	1 vessel
Fair 65 2 2	20	16:24:00 PST SV	0:24; 2/13/2008-GMT Fish-commercial Position: 127° / 3,288 m Dir: West	1 vessel
Feb 13 Day 17 of 105				
		CCvr Bft Vis		
	04 void	PST	8:-GMT	
Poor 100 2 1.7	01	9:52:00 PST SV	17:52-GMT Barge/tug Position: 222° / 2,094 m Dir: East	1 vessel
Poor 100 2 1.7	02	9:55:00 PST SV	17:55-GMT Research vessel Position: 248° / 715 m Dir: East	1 vessel
Poor 100 2 1.7	03	9:59:00 PST SV	17:59-GMT Oil services Position: 264° / 3,288 m Dir: North	1 vessel
Poor 100 3 1.7	05	10:06:00 PST SV	18:06-GMT Kelp harvester Position: 100° / 1,546 m Dir: South	1 vessel
Poor 100 3 1.7	06	10:28:00 PST SV	18:28-GMT Oil services Position: 241° / 1,369 m Dir: East	1 vessel
Poor 100 3 1.7	07	10:33:00 PST SV	18:33-GMT Oil services Position: 274° / 3,288 m Dir: South	1 vessel
Poor 100 3 1.7	08	10:33:00 PST SV	18:33-GMT Oil services Position: 278° / 3,288 m Dir: South	1 vessel
Fair 100 3 3	09	11:42:00 PST SV	19:42-GMT Oil services Position: 273° / 3,288 m Dir: North	1 vessel
Fair 100 2 3	10	12:10:00 PST SC	20:10-GMT Tt Bottlenose dolphin Position: 151° / 356 m Dir: West; Behavior: Slow travel • Milling	Total 15 — 2 Calves at sighting
Fair 100 3 3	11	12:34:00 PST SC	20:34-GMT Tt Bottlenose dolphin Position: 156° / 318 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 100 3 3	12	12:46:00 PST SV	20:46-GMT Oil services Position: 259° / 3,288 m Dir: South	1 vessel
Fair 100 3 3	13	12:58:00 PST SV	20:58-GMT Kelp harvester Ocean Rose Position: 272° / 1,546 m Dir: East	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	85	2 1.7	14 14:38:00 PST SC 22:38-GMT Tt Bottlenose dolphin Position: 120° / 418 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	95	2 2	15 14:56:00 PST SV 22:56-GMT Helicopter Position: 134° / 600 m Dir: West	1 vessel
Fair	95	2 2	16 15:11:00 PST SC 23:11-GMT Tt Bottlenose dolphin Position: 239° / 237 m Dir: East; Behavior: not indicated	Total 3 — 0 Calves at sighting
Fair	95	2 2	17 15:12:00 PST SC 23:12-GMT Er Gray whale (southbound) Position: 226° / 247 m Dir: East; Behavior: not indicated	Total 1 — 0 Calves at sighting
Poor	100	0 2	18 16:21:00 PST SV 0:21; 2/14/2008-GMT Helicopter Position: 109° / 2500 m Dir: West	1 vessel
Poor	100	0 2	19 16:49:00 PST SV 0:49; 2/14/2008-GMT Oil services Position: 277° / 3,288 m Dir: West	1 vessel
Feb 14 Day 18 of 105				
		CCvr Bft Vis		
Fair	75	2 3	01 9:09:00 PST SV 17:09-GMT Oil services Position: 233° / 2,872 m Dir: Stationary	1 vessel
Poor	75	3 2	02 9:45:00 PST SO 17:45-GMT El Southern Sea otter Position: 112° / 761 m Dir: Stationary; Behavior: in kelp • on back, resting • with gull(s)	Total 1 — 0 Pups at sighting
Poor	75	3 2	03 9:52:00 PST SV 17:52-GMT Oil services Position: 282° / 3,288 m Dir: South	1 vessel
Poor	90	4 3	04 10:37:00 PST SV 18:37-GMT Fish-trap-commercial March Gale Position: 116° / 1,778 m Dir: West	1 vessel
Fair	80	2 4	05 11:18:00 PST S 19:18-GMT Er Gray whale (northbound) Position: 143° / 871 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	80	2 4	06 11:40:00 PST SV 19:40-GMT Oil services Position: 274° / 3,288 m Dir: South	1 vessel
Fair	80	2 4	07 11:53:00 PST SV 19:53-GMT Oil services Mr. Clean Position: 139° / 3,288 m Dir: West	1 vessel
Good	60	2 4	08 12:09:00 PST SV 20:09-GMT Sailboat Position: 277° / 551 m Dir: East	1 vessel
Good	60	2 4	09 12:16:00 PST SV 20:16-GMT Oil services Position: 267° / 3,288 m Dir: North	1 vessel
Fair	0	5 4	Off-Effort 10 14:35:00 PST SV 22:35-GMT Oil services Position: 294° / 1,778 m Dir: South	1 vessel
Feb 15 Day 19 of 105				
		CCvr Bft Vis		
Good	5	0 4	01 10:25:00 PST SC 18:25-GMT Tt Bottlenose dolphin Position: 111° / 812 m Dir: North; Behavior: Slow travel • Milling	Total 2 — 0 Calves at sighting
Good	5	0 4	02 10:28:00 PST SC 18:28-GMT D sp Common dolphin, species not Position: 114° / 3,288 m Dir: West; Behavior: Fast travel	Total 200 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type	
Good	0 0 4	03 12:40:00 PST SO	20:40-GMT El Southern Sea otter Position: 294° / 900 m Dir: Stationary; Behavior: on back, resting • in open water Total 1 — 0 Pups at sighting
Good	0 0 4	04 12:56:00 PST SV	20:56-GMT Fish-trap-commercial Position: 280° / 871 m Dir: Stationary 1 vessel
Good	0 0 4	05 12:57:00 PST SV	20:57-GMT Fish-commercial Position: 274° / 2,094 m Dir: South 1 vessel
Good	0 0 4	06 12:59:00 PST SV	20:59-GMT Oil services Position: 241° / 3,288 m Dir: Stationary 1 vessel
Good	0 0 4	07 13:07:00 PST SO	21:07-GMT El Southern Sea otter Position: 131° / 466 m Dir: Stationary; Behavior: in kelp • Swimming Total 1 — 0 Pups at sighting
Good	0 0 4	08 13:11:00 PST SC	21:11-GMT D sp Common dolphin, species not Position: 174° / 3,288 m Dir: West; Behavior: Fast travel • Milling Total 80 — 0 Calves at sighting
Good	0 0 4	09 13:23:00 PST SV	21:23-GMT Fish-trap-commercial Position: 273° / 2,094 m Dir: East 1 vessel
Good	0 0 4	10 13:31:00 PST SC	21:31-GMT Tt Bottlenose dolphin Position: 209° / 327 m Dir: West; Behavior: Slow travel Total 4 — 0 Calves at sighting
Fair	0 4 4	11 13:48:00 PST SV	21:48-GMT Helicopter Position: 144° / 3000 m Dir: South 1 vessel
Fair	0 4 4	12 13:58:00 PST SV	21:58-GMT Fish-trap-commercial March Gale Position: 251° / 675 m Dir: East 1 vessel
Fair	0 4 3	13 14:33:00 PST SV	22:33-GMT Oil services Position: 276° / 4,712 m Dir: South 1 vessel
Fair	0 4 3	14 14:35:00 PST SV	22:35-GMT Fish-commercial Position: 273° / 2,553 m Dir: East 1 vessel
Fair	0 4 3	15 14:36:00 PST SV	22:36-GMT Helicopter Position: 94° / 3000 m Dir: West 1 vessel
Fair	0 4 3	16 14:46:00 PST S	22:46-GMT Er Gray whale (northbound) Position: 110° / 1,778 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	0 4 2	17 15:40:00 PST SV	23:40-GMT Fish-commercial Position: 268° / 3,288 m Dir: East 1 vessel
Fair	0 4 2	18 15:49:00 PST SO	23:49-GMT El Southern Sea otter Position: 284° / 356 m Dir: ni; Behavior: in surf zone • on back, resting Total 1 — 0 Pups at sighting
Poor	0 4 2	19 15:53:00 PST SV	23:53-GMT Kayak/canoe (beyond kelp) Position: 112° / 715 m Dir: West 1 vessel

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CCvr Bft Vts

Fair 0 2 2

01 9:03:00 PST SO	17:03-GMT El Southern Sea otter Position: 226° / 715 m Dir: East; Behavior: in open water • Swimming	Total 1 — 0 Pups at sighting
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2008 All Sighting Numbers, Raw

	Number	Time	Species / Vessel Type	
	Code	Code		
Fair	0	3	2	
	02	10:48:00 PST	18:48-GMT Tt Bottlenose dolphin	Total 6 — 0 Calves at sighting
	SC		Position: 106° / 2,553 m Dir: Stationary; Behavior: Milling	
Good	5	1	4	
	03	12:27:00 PST	20:27-GMT Tt Bottlenose dolphin	Total 7 — 1 Calf at sighting
	SC		Position: 137° / 551 m Dir: East; Behavior: Slow travel • Milling	
Good	0	1	4	
	04	13:35:00 PST	21:35-GMT Tt Bottlenose dolphin	Total 2 — 0 Calves at sighting
	SC		Position: 126° / 812 m Dir: Stationary; Behavior: Milling	
Good	0	1	4	
	05	13:48:00 PST	21:48-GMT Tt Bottlenose dolphin	Total 6 — 2 Calves at sighting
	SC		Position: 246° / 871 m Dir: East; Behavior: Slow travel	
Good	5	1	4	
	06	14:03:00 PST	22:03-GMT Er Gray whale (northbound)	Total 1 — 0 Calves at sighting
	S		Position: 198° / 2,553 m Dir: West; Behavior: Slow travel	
Feb 17 Day 21 of 105				
		CCvr	Bft	Vis
Poor	90	1	2	
	01	9:00:00 PST	17:00-GMT Private	1 vessel
	SV		Position: 149° / 1,546 m Dir: West	
Fair	80	1	4	
	02	9:18:00 PST	17:18-GMT D sp Common dolphin, species not	Total 250 — 0 Calves at sighting
	SC		Position: 176° / 3,288 m Dir: East; Behavior: Fast travel	
Good	65	1	4	
	03	9:35:00 PST	17:35-GMT Sportfish-private	1 vessel
	SV		Position: 109° / 1,778 m Dir: West	
Good	65	1	4	
	04	9:51:00 PST	17:51-GMT Fish-trap-commercial	1 vessel
	SV		Position: 126° / 3,288 m Dir: West	
Good	65	1	4	
	05	10:20:00 PST	18:20-GMT Tt Bottlenose dolphin	Total 4 — 0 Calves at sighting
	SC		Position: 136° / 1,369 m Dir: West; Behavior: Slow travel	
Good	40	1	4	
	06	10:27:00 PST	18:27-GMT Whale watching Condor Express	1 vessel
	SV		Position: 185° / 2,553 m Dir: West	
Good	40	1	4	
	07	10:29:00 PST	18:29-GMT Sailboat (motor)	1 vessel
	SV		Position: 110° / 2,553 m Dir: West	
Good	40	1	4	
	08	10:38:00 PST	18:38-GMT Sportfish-private	1 vessel
	SV		Position: 110° / 2,553 m Dir: West	
Good	40	1	4	
	09	10:38:00 PST	18:38-GMT Sportfish-private	1 vessel
	SV		Position: 110° / 2,553 m Dir: West	
Good	40	1	4	
	10	10:42:00 PST	18:42-GMT Private	1 vessel
	SV		Position: 277° / 3,288 m Dir: East	
Good	40	1	4	
	11	10:50:00 PST	18:50-GMT Tt Bottlenose dolphin	Total 4 — 0 Calves at sighting
	SC		Position: 151° / 404 m Dir: ni; Behavior: Slow travel	
Good	40	1	4	
	12	11:17:00 PST	19:17-GMT Er Gray whale (northbound)	Total 1 — 0 Calves at sighting
	S		Position: 97° / 2,872 m Dir: West; Behavior: Slow travel	
Good	40	1	4	
	13	12:01:00 PST	20:01-GMT Tt Bottlenose dolphin	Total 2 — 0 Calves at sighting
	SC		Position: 260° / 378 m Dir: East; Behavior: Slow travel • Milling	

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	85	2 4	14 12:02:00 PST SV 20:02-GMT Sailboat Position: 118° / 2,094 m Dir: West	1 vessel
Good	85	2 4	15 12:25:00 PST SV 20:25-GMT Jet ski Position: 102° / 1,369 m Dir: Stationary	2 vessels
Good	85	2 3	16 12:39:00 PST SV 20:39-GMT Sailboat Position: 279° / 3,288 m Dir: South	1 vessel
Good	85	2 4	17 12:43:00 PST SV 20:43-GMT Whale watching Condor Express Position: 127° / 1,019 m Dir: West	1 vessel
Good	85	2 4	18 12:57:00 PST SV 20:57-GMT Sailboat Position: 226° / 3,288 m Dir: East	1 vessel
Good	85	2 4	19 13:19:00 PST SO 21:19-GMT El Southern Sea otter Position: 135° / 551 m Dir: West; Behavior: Swimming • in open water	Total 1 — 0 Pups at sighting
Fair	70	3 3	20 14:10:00 PST S 22:10-GMT Er Gray whale (northbound) Position: 118° / 2,872 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	85	4 3	21 15:06:00 PST SC 23:06-GMT Tt Bottlenose dolphin Position: 186° / 404 m Dir: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Poor	85	4 3	22 15:30:00 PST SC 23:30-GMT Tt Bottlenose dolphin Position: 201° / 466 m Dir: East; Behavior: Milling • Slow travel	Total 2 — 0 Calves at sighting

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	CCvr	Bft	Vrs		
Poor	100	0	3	01 9:33:00 PST SO 17:33-GMT El Southern Sea otter Position: 230° / 295 m Dir: East; Behavior: in open water • Swimming • Diving	Total 1 — 0 Pups at sighting
Fair	100	0	3	02 11:56:00 PST SO 19:56-GMT El Southern Sea otter Position: 134° / 466 m Dir: East; Behavior: in kelp • Swimming	Total 1 — 0 Pups at sighting
Fair	100	0	3	03 13:00:00 PST SV 21:00-GMT Kelp harvester Ocean Rose Position: 246° / 1,228 m Dir: East	1 vessel
Fair	100	0	3	04 13:42:00 PST SV 21:42-GMT Whale watching Condor Express Position: 244° / 3,288 m Dir: North	1 vessel
Fair	95	1	3	05 14:37:00 PST SV 22:37-GMT Oil services Position: 284° / 3,288 m Dir: South	1 vessel
Fair	100	2	3	06 14:41:00 PST SV 22:41-GMT Fish-trap-commercial Position: 195° / 3,288 m Dir: East	1 vessel
Fair	100	3	3	07 16:09:00 PST SO 0:09; 2/19/2008-GMT El Southern Sea otter Position: 104° / 551 m Dir: Stationary; Behavior: Swimming • Diving • in kelp	Total 1 — 0 Pups at sighting

Feb 19 Day 23 of 105

	CCvr	Bft	Vrs		
Poor	100	1	3	01 9:05:00 PST SV 17:05-GMT Fish-commercial Dancin' Bear Position: 266° / 2,094 m Dir: North	1 vessel
Poor	100	1	3	02 9:06:00 PST SV 17:06-GMT Fish-commercial New Hazard Position: 279° / 3,288 m Dir: North	1 vessel

2008 All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type	
Poor 100 1 3	03 9:09:00 PST SC	17:09-GMT Tt Bottlenose dolphin Position: 144° / 485 m Dir: North; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Poor 100 1 3	04 9:32:00 PST SC	17:32-GMT Tt Bottlenose dolphin Position: 234° / 327 m Dir: Stationary; Behavior: Milling	Total 4 — 0 Calves at sighting
Poor 100 1 3	05 9:34:00 PST SC	17:34-GMT Tt Bottlenose dolphin Position: 267° / 505 m Dir: North; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100 1 3	05 10:09:00 PST SC	18:09-GMT Tt Bottlenose dolphin Position: 157° / 527 m Dir: West; Behavior: Fast travel	Total 7 — 0 Calves at sighting
Poor 100 2 3	06 10:17:00 PST SV	18:17-GMT Oil services Position: 280° / 3,288 m Dir: South	1 vessel
Poor 100 2 3	07 10:29:00 PST SC	18:29-GMT Tt Bottlenose dolphin Position: 177° / 551 m Dir: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Poor 100 2 3	08 10:33:00 PST SV	18:33-GMT Fish-commercial Position: 104° / 3,288 m Dir: West	1 vessel
Poor 100 2 2	09 11:05:00 PST SV	19:05-GMT Fish-trap-commercial Provider Position: 112° / 2,553 m Dir: West	1 vessel
Poor 100 2 2	10 11:11:00 PST SC	19:11-GMT Tt Bottlenose dolphin Position: 226° / 378 m Dir: West; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Poor 100 2 3	11 11:41:00 PST SV	19:41-GMT Oil services Position: 296° / 3,288 m Dir: South	1 vessel
Poor 100 2 3	12 12:04:00 PST SV	20:04-GMT Oil services Position: 288° / 3,288 m Dir: North	1 vessel
Poor 100 1 3	13 12:41:00 PST S	20:41-GMT Er Gray whale (northbound) Position: 138° / 939 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100 1 3	14 12:47:00 PST SC	20:47-GMT Tt Bottlenose dolphin Position: 205° / 485 m Dir: East; Behavior: not indicated	Total 3 — 0 Calves at sighting
Poor 100 1 3	15 12:50:00 PST SV	20:50-GMT Whale watching Condor Express Position: 166° / 551 m Dir: West	1 vessel
Poor 100 1 3	16 13:14:00 PST SC	21:14-GMT Er Gray whale (southbound) Position: 174° / 485 m Dir: East; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor 100 1 3	17 13:21:00 PST SV	21:21-GMT Helicopter Position: 154° / 800 m Dir: West	1 vessel
Poor 100 1 3	18 13:52:00 PST SO	21:52-GMT El Southern Sea otter Position: 126° / 433 m Dir: West; Behavior: Swimming • in open water	Total 1 — 0 Pups at sighting
Poor 100 1 2	19 14:03:00 PST SC	22:03-GMT Tt Bottlenose dolphin Position: 159° / 551 m Dir: West; Behavior: Slow travel • Milling	Total 6 — 0 Calves at sighting
Poor 100 1 2	20 14:27:00 PST SV	22:27-GMT Fish-commercial Cecelia Position: 253° / 1,778 m Dir: East	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	100	1	3	21 14:39:00 PST SV 22:39-GMT Fish-trap-commercial Ocean Pearl Position: 239° / 1,778 m Dir: East 1 vessel
Fair	100	1	3	22 14:41:00 PST SV 22:41-GMT Oil services Position: 284° / 3,288 m Dir: South 1 vessel
Poor	100	1	3	23 15:56:00 PST SV 23:56-GMT Helicopter Position: 144° / 800 m Dir: West 1 vessel
Fair	100	2	3	24 16:05:00 PST SV 0:05; 2/20/2008-GMT Fish-trap-commercial Position: 264° / 2,553 m Dir: East 1 vessel
Fair	100	2	3	25 16:24:00 PST SV 0:24; 2/20/2008-GMT Helicopter Position: 184° / 150 m Dir: West 1 vessel
Fair	100	2	3	26 16:30:00 PST SV 0:30; 2/20/2008-GMT Oil services Position: 279° / 3,288 m Dir: South 1 vessel
Fair	100	2	3	27 16:40:00 PST SV 0:40; 2/20/2008-GMT Dive-private Position: 244° / 715 m Dir: East 1 vessel
Feb 20 Day 24 of 105				
	CCvr	Bft	Vis	
				17 void PST 8:-GMT
Fair	95	1	4	01 9:02:00 PST SV 17:02-GMT Kelp harvester Ocean rose Position: 280° / 3,288 m Dir: West 1 vessel
Fair	95	1	4	02 9:04:00 PST SV 17:04-GMT Kelp harvester Ocean Harvest Position: 113° / 1,369 m Dir: West 1 vessel
Fair	95	1	4	03 9:09:00 PST SV 17:09-GMT Fish-trap-commercial Kaylee J Position: 105° / 2,553 m Dir: West 1 vessel
Good	90	1	5	04 9:24:00 PST SV 17:24-GMT Dive-research Position: 100° / 1,778 m Dir: West 1 vessel
Good	90	1	5	05 9:31:00 PST SV 17:31-GMT Whale watching Condor Express Position: 102° / 2,872 m Dir: West 1 vessel
Good	90	1	5	06 9:37:00 PST SV 17:37-GMT Oil services Position: 276° / 3,288 m Dir: North 1 vessel
Good	80	3	4	07 10:25:00 PST SV 18:25-GMT Oil services Position: 293° / 3,288 m Dir: South 1 vessel
Good	80	3	4	08 10:45:00 PST SV 18:45-GMT Jet ski Position: 102° / 2,553 m Dir: West 1 vessel
Fair	70	4	3	09 11:02:00 PST SV 19:02-GMT Oil services Position: 283° / 3,288 m Dir: South 1 vessel
Fair	90	4	3	10 12:28:00 PST SC 20:28-GMT Tt Bottlenose dolphin Position: 175° / 466 m Dir: East; Behavior: not indicated Total 3 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

		Number	Time	Species / Vessel Type	
		Code	Code		
Feb 21	Day 25 of 105				
	CCvr	Bft	Vis		
Poor	95	4	2	01 9:03:00 PST SV	17:03-GMT Helicopter Position: 184° / 150 m Dir: West 1 vessel
Poor	95	4	2	02 9:09:00 PST SV	17:09-GMT Oil services Position: 240° / 2,872 m Dir: Stationary 1 vessel
Poor	100	4	2	03 9:49:00 PST SV	17:49-GMT Helicopter Position: 184° / 400 m Dir: West 1 vessel
Poor	100	4	2	04 10:28:00 PST SV	18:28-GMT Oil services Position: 284° / 3,288 m Dir: South 1 vessel
Poor	100	4	2	05 10:31:00 PST SV	18:31-GMT Helicopter Position: 184° / 400 m Dir: East 1 vessel
Poor	100	5	2	Off-Effort 06 10:53:00 PST SV	18:53-GMT Oil services Position: 286° / 1,228 m Dir: South 1 vessel
Poor	100	5	2	Off-Effort 07 11:20:00 PST SV	19:20-GMT Airplane Position: 124° / 200 m Dir: West 1 vessel
Poor	100	5	2	Off-Effort 08 11:52:00 PST SC	19:52-GMT Tt Bottlenose dolphin Position: 184° / 378 m Dir: West; Behavior: not indicated Total 3 — 0 Calves at sighting

Feb 22	Day 26 of 105				
	CCvr	Bft	Vis		
Poor	95	2	3	01 9:10:00 PST SV	17:10-GMT Fish-trap-commercial Sundowner Position: 112° / 1,369 m Dir: Stationary 1 vessel
Poor	80	3	3	02 9:38:00 PST SV	17:38-GMT Whale watching Condor Express Position: 104° / 2,872 m Dir: West 1 vessel
Poor	80	3	3	03 9:48:00 PST SC	17:48-GMT Tt Bottlenose dolphin Position: 166° / 551 m Dir: West; Behavior: not indicated Total 6 — 0 Calves at sighting
Poor	70	4	3	04 10:02:00 PST SV	18:02-GMT Fish-trap-commercial March Gale Position: 108° / 3,288 m Dir: West 1 vessel
Poor	95	4	3	05 10:49:00 PST SV	18:49-GMT Oil services Position: 292° / 3,288 m Dir: South 1 vessel
Poor	95	4	3	06 11:19:00 PST SC	19:19-GMT Tt Bottlenose dolphin Position: 163° / 871 m Dir: West; Behavior: Milling • Slow travel Total 1 — 0 Calves at sighting
Poor	95	4	3	07 11:39:00 PST SV	19:39-GMT Oil services Position: 279° / 3,288 m Dir: South 1 vessel
Poor	95	4	3	08 12:07:00 PST SC	20:07-GMT Tt Bottlenose dolphin Position: 134° / 1,778 m Dir: West; Behavior: Fast travel Total 5 — 0 Calves at sighting
Poor	95	4	3	09 12:48:00 PST SC	20:48-GMT Tt Bottlenose dolphin Position: 174° / 1,228 m Dir: East; Behavior: Slow travel • Milling Total 1 — 0 Calves at sighting
Poor	95	4	3	10 13:20:00 PST SV	21:20-GMT Helicopter Position: 114° / 2000 m Dir: East 1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	70	4 3	11 13:34:00 PST SV 21:34-GMT Helicopter Position: 224° / 800 m Dir: West	1 vessel
Poor	55	5 2	Off-Effort 12 14:22:00 PST SC 22:22-GMT Tt Bottlenose dolphin Position: 176° / 607 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	55	5 2	Off-Effort 13 14:32:00 PST SV 22:32-GMT Oil services Position: 289° / 3,288 m Dir: South	1 vessel
Feb 23 Day 27 of 105				
	CCvr	Bft	Vis	
Poor	70	5 3	Off-Effort 01 9:33:00 PST SV 17:33-GMT Helicopter Position: 134° / 700 m Dir: East	1 vessel
Poor	70	5 3	Off-Effort 02 9:36:00 PST SV 17:36-GMT Whale watching Condor Express Position: 104° / 2,872 m Dir: West	1 vessel
Poor	70	5 3	Off-Effort 03 9:42:00 PST SV 17:42-GMT Helicopter Position: 144° / 500 m Dir: West	1 vessel
Poor	70	5 3	Off-Effort 04 9:44:00 PST SO 17:44-GMT El Southern Sea otter Position: 250° / 551 m Dir: Stationary; Behavior: Diving • in kelp	Total 1 — 0 Pups at sighting
Poor	50	5 3	Off-Effort 05 10:10:00 PST SV 18:10-GMT Helicopter Position: 144° / 900 m Dir: West	1 vessel
Feb 24 Day 28 of 105				
	CCvr	Bft	Vis	
Fair	80	2 3	01 11:19:00 PST SO 19:19-GMT El Southern Sea otter Position: 141° / 390 m Dir: West; Behavior: in open water • Swimming	Total 1 — 0 Pups at sighting
Fair	80	2 3	02 11:41:00 PST S 19:41-GMT Er Gray whale (northbound) Position: 113° / 2,094 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	30	3 3	03 12:05:00 PST SC 20:05-GMT Er Gray whale (southbound) Position: 225° / 1,778 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	30	3 3	04 12:34:00 PST S 20:34-GMT Er Gray whale (northbound) Position: 147° / 871 m Dir: West; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Poor	30	2 2	05 13:30:00 PST SV 21:30-GMT Barge/tug Position: 174° / 2,872 m Dir: West	1 vessel
Poor	30	2 2	06 13:59:00 PST SO 21:59-GMT El Southern Sea otter Position: 164° / 269 m Dir: Stationary; Behavior: in surf zone • Swimming • Diving	Total 1 — 0 Pups at sighting
Poor	85	3 1.7	07 16:36:00 PST S 0:36; 2/25/2008-GMT Er Gray whale (northbound) Position: 212° / 1,778 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Feb 25 Day 29 of 105				
	CCvr	Bft	Vis	
Fair	25	1 3	01 9:06:00 PST SV 17:06-GMT Barge/tug Position: 244° / 4,712 m Dir: East	1 vessel
Fair	25	1 3	02 9:06:00 PST SV 17:06-GMT Oil services Position: 264° / 1,228 m Dir: Stationary	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	10	3	2	03 9:52:00 PST SO 17:52-GMT El Southern Sea otter Position: 186° / 281 m Dir: West; Behavior: in surf zone • Swimming • on back, feeding Total 1 — 0 Pups at sighting
Poor	10	4	2	04 10:14:00 PST SO 18:14-GMT El Southern Sea otter Position: 121° / 485 m Dir: Stationary; Behavior: in kelp • Diving Total 1 — 0 Pups at sighting
Good	5	2	4	05 11:56:00 PST S 19:56-GMT Er Gray whale (northbound) Position: 107° / 2,553 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	5	3	4	06 12:49:00 PST S 20:49-GMT Er Gray whale (northbound) Position: 142° / 3,288 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Good	5	3	4	07 13:35:00 PST SV 21:35-GMT Fish-trap-commercial Position: 274° / 1,228 m Dir: East 1 vessel
Good	5	3	4	08 13:40:00 PST SV 21:40-GMT Oil services Position: 234° / 2,553 m Dir: Stationary 1 vessel
Good	0	3	4	09 13:53:00 PST SV 21:53-GMT Whale watching Position: 278° / 3,288 m Dir: South 1 vessel
Good	5	1	4	10 15:13:00 PST SC 23:13-GMT Tt Bottlenose dolphin Position: 152° / 449 m Dir: East; Behavior: Milling Total 7 — 0 Calves at sighting
Good	5	1	4	11 15:17:00 PST SV 23:17-GMT Oil services Position: 284° / 3,288 m Dir: South 1 vessel
Good	5	2	4	12 16:16:00 PST SV 0:16; 2/26/2008-GMT Oil services Position: 276° / 3,288 m Dir: North 1 vessel
Good	5	2	4	13 16:23:00 PST SO 0:23; 2/26/2008-GMT El Southern Sea otter Position: 115° / 418 m Dir: West; Behavior: with gull(s) • in kelp • on back, feeding Total 1 — 0 Pups at sighting
Feb 26 Day 30 of 105				
	CCvr	Bft	Vis	
Good	50	0	4	01 9:00:00 PST SV 17:00-GMT Barge/tug Position: 276° / 1,228 m Dir: Stationary 1 vessel
Good	50	0	4	02 9:00:00 PST SV 17:00-GMT Kelp harvester Ocean Rose Position: 273° / 2,094 m Dir: West 1 vessel
Good	50	0	4	03 9:00:00 PST SV 17:00-GMT Oil services Position: 239° / 2,872 m Dir: Stationary 1 vessel
Good	50	0	4	04 9:02:00 PST SV 17:02-GMT Fish-trap-commercial Position: 111° / 1,546 m Dir: Stationary 1 vessel
Good	50	0	4	05 9:15:00 PST SO 17:15-GMT El Southern Sea otter Position: 148° / 351 m Dir: West; Behavior: Swimming • in open water Total 1 — 0 Pups at sighting
Good	50	0	4	06 9:40:00 PST SV 17:40-GMT Fish-commercial Cecelia Position: 114° / 3,288 m Dir: West 1 vessel
Good	50	0	4	07 9:46:00 PST SV 17:46-GMT Helicopter Position: 144° / 1200 m Dir: West 1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	50	0 3	08 9:51:00 PST SV 17:51-GMT Kelp harvester Ocean Harvest Position: 106° / 2,553 m Dir: West	1 vessel
Good	50	0 3	09 10:00:00 PST SO 18:00-GMT Ei Southern Sea otter Position: 137° / 761 m Dir: East; Behavior: Swimming • Diving • in open water	Total 1 — 0 Pups at sighting
Good	40	0 3	10 10:09:00 PST SV 18:09-GMT Fish-commercial Position: 134° / 3,288 m Dir: West	1 vessel
Good	40	0 3	11 10:38:00 PST S 18:38-GMT Er Gray whale (northbound) Position: 134° / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	40	0 3	12 10:43:00 PST SV 18:43-GMT Fish-commercial Position: 138° / 2,094 m Dir: West	1 vessel
Good	25	0 4	13 11:09:00 PST SC 19:09-GMT Tt Bottlenose dolphin Position: 140° / 356 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Good	25	0 4	13 11:47:00 PST SO 19:47-GMT Ei Southern Sea otter Position: 154° / 216 m Dir: Stationary; Behavior: on back, resting	Total 1 — 0 Pups at sighting
Good	15	1 4	14 12:03:00 PST SC 20:03-GMT Tt Bottlenose dolphin Position: 112° / 327 m Dir: West; Behavior: Milling • Slow travel	Total 4 — 0 Calves at sighting
Good	15	1 4	16 12:29:00 PST SV 20:29-GMT Whale watching Condor Express Position: 107° / 2,872 m Dir: West	1 vessel
Good	10	1 4	17 13:45:00 PST SV 21:45-GMT Helicopter Position: 129° / 1000 m Dir: West	1 vessel
Good	10	1 4	18 14:04:00 PST SV 22:04-GMT Helicopter Position: 214° / 700 m Dir: East	1 vessel
Good	10	1 4	19 14:16:00 PST SV 22:16-GMT Helicopter Position: 134° / 1000 m Dir: West	1 vessel
Good	10	1 4	20 14:24:00 PST SV 22:24-GMT Oil services Position: 286° / 3,288 m Dir: South	1 vessel
Good	10	1 4	21 14:41:00 PST SV 22:41-GMT Fish-commercial Position: 249° / 1,019 m Dir: East	1 vessel
Good	10	1 4	22 14:43:00 PST S 22:43-GMT Er Gray whale (northbound) Position: 164° / 2,094 m Dir: West; Behavior: Fluke	Total 3 — 0 Calves at sighting
Good	10	1 4	23 15:24:00 PST SC 23:24-GMT Tt Bottlenose dolphin Position: 229° / 551 m Dir: West; Behavior: Fast travel	Total 6 — 0 Calves at sighting
Good	10	1 4	24 15:29:00 PST SV 23:29-GMT Fish-trap-commercial Sundowner Position: 264° / 3,288 m Dir: East	1 vessel
Good	10	1 4	25 15:32:00 PST SC 23:32-GMT Tt Bottlenose dolphin Position: 214° / 607 m Dir: West; Behavior: Milling	Total 3 — 0 Calves at sighting
Good	10	3 4	26 15:36:00 PST SV 23:36-GMT Fish-trap-commercial Position: 269° / 3,288 m Dir: East	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	10	3	4	
	27	16:03:00 PST	0:03; 2/27/2008-GMT Tt Bottlenose dolphin Position: 114° / 378 m Dir: North; Behavior: not indicated	Total 3 — 0 Calves at sighting
Good	10	1	4	
	28	16:45:00 PST	0:45; 2/27/2008-GMT Tt Bottlenose dolphin Position: 214° / 449 m Dir: East; Behavior: Fast travel	Total 6 — 0 Calves at sighting
Good	10	1	4	
	29	16:54:00 PST	0:54; 2/27/2008-GMT Tt Bottlenose dolphin Position: 126° / 607 m Dir: North; Behavior: Milling	Total 3 — 0 Calves at sighting
Good	10	1	4	
	30	16:59:00 PST	0:59; 2/27/2008-GMT S Er Gray whale (northbound) Position: 137° / 2,553 m Dir: West; Behavior: Fluke	Total 2 — 0 Calves at sighting
Feb 27 Day 31 of 105				
		CCvr	Bft	Vis
Fair	5	0	3	
	01	9:09:00 PST	17:09-GMT S Er Gray whale (northbound) Position: 163° / 2,872 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	5	0	3	
	02	9:56:00 PST	17:56-GMT SO El Southern Sea otter Position: 229° / 288 m Dir: South; Behavior: Swimming • in open water	Total 1 — 0 Pups at sighting
Fair	5	0	3	
	03	10:08:00 PST	18:08-GMT SC Tt Bottlenose dolphin Position: 274° / 639 m Dir: East; Behavior: Slow travel	Total 18 — 0 Calves at sighting
Fair	5	0	3	
	04	10:21:00 PST	18:21-GMT SO El Southern Sea otter Position: 114° / 551 m Dir: North; Behavior: in kelp • Swimming	Total 1 — 0 Pups at sighting
Fair	5	0	3	
	05	10:45:00 PST	18:45-GMT SC Tt Bottlenose dolphin Position: 167° / 466 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	20	1	4	
	06	13:02:00 PST	21:02-GMT SV Fish-trap-commercial March Gale Position: 176° / 761 m Dir: West	1 vessel
Good	20	1	4	
	07	13:05:00 PST	21:05-GMT SV Oil services Position: 266° / 3,288 m Dir: North	1 vessel
Good	20	1	4	
	08	13:06:00 PST	21:06-GMT SV Dive-commercial Cameleon Position: 134° / 367 m Dir: Stationary	1 vessel
Good	20	1	4	
	09	13:10:00 PST	21:10-GMT SV Research vessel Position: 271° / 2,872 m Dir: North	1 vessel
Good	20	1	4	
	10	13:11:00 PST	21:11-GMT SV Whale watching Condor Express Position: 182° / 3,288 m Dir: West	1 vessel
Good	20	1	4	
	11	13:15:00 PST	21:15-GMT SV Kelp harvester Ocean Rose Position: 268° / 3,288 m Dir: East	1 vessel
Good	20	1	4	
	12	13:59:00 PST	21:59-GMT SC Er Gray whale (southbound) Position: 114° / 761 m Dir: West; Behavior: Milling	Total 1 — 0 Calves at sighting
Fair	5	0	3	
	13	15:11:00 PST	23:11-GMT SV Private Position: 254° / 1,019 m Dir: East	1 vessel
Fair	5	1	2	
	14	15:59:00 PST	23:59-GMT SC Tt Bottlenose dolphin Position: 184° / 247 m Dir: East; Behavior: Milling	Total 5 — 1 Calf at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	5	1	2	15 16:21:00 PST S 0:21; 2/28/2008-GMT Er Gray whale (northbound) Position: 214° / 761 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Feb 28 Day 32 of 105				
	CCvr	Bft	Vis	
Fair	10	1	2	01 9:06:00 PST SC 17:06-GMT Tt Bottlenose dolphin Position: 226° / 336 m Dir: West; Behavior: Slow travel Total 4 — 0 Calves at sighting
Fair	10	1	2	02 9:08:00 PST SV 17:08-GMT Oil services Position: 282° / 3,288 m Dir: South 1 vessel
Fair	10	1	2	03 9:10:00 PST SV 17:10-GMT Oil services Position: 240° / 2,872 m Dir: Stationary 1 vessel
Fair	10	1	2	04 9:12:00 PST SV 17:12-GMT Fish-trap-commercial Position: 131° / 1,369 m Dir: West 1 vessel
Fair	10	1	2	05 9:18:00 PST SV 17:18-GMT Fish-trap-commercial Provider Position: 112° / 2,553 m Dir: West 1 vessel
Fair	10	1	2	06 9:24:00 PST SC 17:24-GMT Tt Bottlenose dolphin Position: 122° / 257 m Dir: Stationary; Behavior: Milling Total 4 — 0 Calves at sighting
Fair	10	1	2	07 9:28:00 PST SV 17:28-GMT Fish-commercial Ray-ban Position: 119° / 2,872 m Dir: West 1 vessel
Fair	10	1	2	08 9:29:00 PST SC 17:29-GMT Tt Bottlenose dolphin Position: 125° / 257 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Fair	10	1	2	09 9:30:00 PST SC 17:30-GMT Tt Bottlenose dolphin Position: 216° / 208 m Dir: West; Behavior: not indicated Total 3 — 0 Calves at sighting
Fair	10	1	2	10 9:37:00 PST SC 17:37-GMT Er Gray whale (southbound) Position: 179° / 2,553 m Dir: nd; Behavior: not indicated Total 1 — 0 Calves at sighting
Fair	10	1	2	11 9:45:00 PST SO 17:45-GMT El Southern Sea otter Position: 239° / 1,369 m Dir: Stationary; Behavior: in kelp • on back, resting Total 1 — 0 Pups at sighting
Poor	10	1	1.7	12 10:12:00 PST SV 18:12-GMT Oil services Position: 288° / 3,288 m Dir: South 1 vessel
Poor	10	1	1.7	13 10:23:00 PST SO 18:23-GMT El Southern Sea otter Position: 249° / 433 m Dir: Stationary; Behavior: in kelp • Diving Total 1 — 0 Pups at sighting
Poor	10	1	1.7	14 10:28:00 PST SV 18:28-GMT Helicopter Position: 194° / 300 m Dir: East 1 vessel
Poor	10	1	1.7	15 10:47:00 PST SV 18:47-GMT Fish-trap-commercial March Gale Position: 114° / 2,553 m Dir: West 1 vessel
Fair	10	2	3	16 11:10:00 PST SV 19:10-GMT Oil services Position: 277° / 3,288 m Dir: South 1 vessel
Fair	30	2	3	17 12:29:00 PST SV 20:29-GMT Oil services Position: 286° / 3,288 m Dir: North 1 vessel

2008 All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type			
Fair 40 2 3	18 12:56:00 PST SV	20:56-GMT Whale watching Condor Express Position: 174° / 3,288 m Dir: West			1 vessel
Fair 40 2 3	19 13:22:00 PST SC	21:22-GMT Tt Bottlenose dolphin Position: 244° / 551 m Dir: Stationary; Behavior: Milling			Total 6 — 1 Calf at sighting
Fair 40 2 3	20 13:45:00 PST SV	21:45-GMT Jet ski Position: 124° / 356 m Dir: West			1 vessel
Fair 40 2 3	21 13:49:00 PST S	21:49-GMT Er Gray whale (northbound) Position: 261° / 3,288 m Dir: West; Behavior: Slow travel			Total 2 — 0 Calves at sighting
Fair 40 1 3	22 14:14:00 PST SC	22:14-GMT Tt Bottlenose dolphin Position: 239° / 257 m Dir: East; Behavior: Slow travel			Total 5 — 0 Calves at sighting
Fair 40 1 3	23 14:56:00 PST SV	22:56-GMT Helicopter Position: 134° / 800 m Dir: West			1 vessel
Poor 70 0 3	24 15:24:00 PST SV	23:24-GMT Helicopter Position: 134° / 600 m Dir: North			1 vessel
Feb 29 Day 33 of 105					
	CCvr	Bft	Vis		
Poor 100 1 1.7	01 11:44:00 PST SO	19:44-GMT El Southern Sea otter Position: 250° / 466 m Dir: Stationary; Behavior: in kelp • on back, resting			Total 1 — 0 Pups at sighting
Poor 100 1 2	02 12:58:00 PST SV	20:58-GMT Whale watching Condor Express Position: 164° / 3,288 m Dir: West			1 vessel
Poor 100 1 2	03 13:06:00 PST S	21:06-GMT Er Gray whale (northbound) Position: 117° / 2,872 m Dir: West; Behavior: Slow travel • Fluke			Total 3 — 0 Calves at sighting
Poor 100 1 2	04 13:35:00 PST SV	21:35-GMT Kelp harvester Ocean Rose Position: 284° / 2,553 m Dir: East			1 vessel
Fair 100 1 3	05 13:43:00 PST SC	21:43-GMT Tt Bottlenose dolphin Position: 274° / 336 m Dir: East; Behavior: Slow travel • Milling			Total 18 — 1 Calf at sighting
Fair 100 1 2	06 14:31:00 PST SV	22:31-GMT Oil services Position: 266° / 3,288 m Dir: South			1 vessel
Poor 100 2 1.7	07 16:19:00 PST SV	0:19; 3/1/2008-GMT Fish-trap-commercial Position: 247° / 2,094 m Dir: East			1 vessel
Mar 01 Day 34 of 105					
	CCvr	Bft	Vis		
Fair 100 0 3	01 9:03:00 PST SV	17:03-GMT Dive-private Position: 206° / 327 m Dir: West			1 vessel
Fair 100 0 3	02 9:05:00 PST SV	17:05-GMT Sportfish-private Position: 213° / 2,553 m Dir: West			1 vessel
Fair 100 0 3	03 9:05:00 PST SV	17:05-GMT Fish-commercial Position: 261° / 2,872 m Dir: West			1 vessel
Fair 100 0 3	04 9:06:00 PST SV	17:06-GMT Oil services Position: 240° / 2,872 m Dir: Stationary			1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	100	0 3	05 9:09:00 PST SV Private Position: 114° / 2,094 m Dir: West	17:09-GMT 1 vessel
Fair	100	0 3	06 9:16:00 PST SO El Southern Sea otter Position: 250° / 485 m Dir: Stationary; Behavior: in kelp • on back, resting	17:16-GMT Total 1 — 0 Pups at sighting
Fair	100	0 3	07 9:18:00 PST SO El Southern Sea otter Position: 224° / 150 m Dir: West; Behavior: in surf zone • Swimming	17:18-GMT Total 1 — 0 Pups at sighting
Fair	100	0 3	08 9:22:00 PST SV Sportfish-private Position: 129° / 2,553 m Dir: West	17:22-GMT 1 vessel
Fair	100	0 3	09 9:36:00 PST SV Sportfish-private Position: 202° / 2,553 m Dir: East	17:36-GMT 1 vessel
Poor	100	0 3	10 10:05:00 PST SO El Southern Sea otter Position: 244° / 485 m Dir: Stationary; Behavior: Diving • in kelp	18:05-GMT Total 1 — 0 Pups at sighting
Poor	100	0 3	11 10:06:00 PST SO El Southern Sea otter Position: 242° / 715 m Dir: West; Behavior: Diving	18:06-GMT Total 1 — 0 Pups at sighting
Poor	100	0 3	12 10:35:00 PST SV Whale watching Condor Express Position: 266° / 1,369 m Dir: East	18:35-GMT 1 vessel
Poor	100	0 3	13 10:36:00 PST SV Helicopter Position: 134° / 1000 m Dir: West	18:36-GMT 1 vessel
Fair	100	0 3	14 10:41:00 PST SV Private Position: 112° / 1,778 m Dir: West	18:41-GMT 1 vessel
Fair	70	0 3	15 11:49:00 PST SV Sportfish-private Position: 138° / 2,553 m Dir: West	19:49-GMT 1 vessel
Fair	70	0 3	16 11:52:00 PST SV Sportfish-private Position: 224° / 1,294 m Dir: East	19:52-GMT 1 vessel
Fair	70	0 3	17 12:01:00 PST SV Sportfish-private Position: 119° / 2,553 m Dir: West	20:01-GMT 1 vessel
Fair	70	2 3	18 12:20:00 PST SV Sportfish-private Position: 239° / 812 m Dir: East	20:20-GMT 1 vessel
Fair	70	3 3	19 12:40:00 PST SV Sportfish-private Position: 216° / 449 m Dir: East	20:40-GMT 1 vessel
Fair	30	2 3	20 13:06:00 PST SV Sportfish-private Position: 266° / 1,778 m Dir: East	21:06-GMT 1 vessel
Fair	30	2 3	21 13:18:00 PST SC Tt Bottlenose dolphin Position: 129° / 449 m Dir: West; Behavior: Slow travel	21:18-GMT Total 10 — 2 Calves at sighting
Fair	70	2 3	22 14:21:00 PST SC Tt Bottlenose dolphin Position: 112° / 505 m Dir: West; Behavior: Slow travel	22:21-GMT Total 3 — 0 Calves at sighting
Fair	70	2 3	23 14:30:00 PST SV Airplane Position: 164° / 400 m Dir: East	22:30-GMT 1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	70	2 3	24 14:33:00 PST SC	22:33-GMT Tt Bottlenose dolphin Position: 124° / 257 m Dir: West; Behavior: Slow travel Total 5 — 0 Calves at sighting
Good	85	2 4	25 14:42:00 PST SV	22:42-GMT Sportfish-private Position: 244° / 1,546 m Dir: East 1 vessel
Good	85	2 4	26 14:49:00 PST SV	22:49-GMT Sportfish-private Position: 281° / 1,778 m Dir: East 1 vessel
Good	85	2 4	26 14:57:00 PST SV	22:57-GMT Private Position: 272° / 2,553 m Dir: East 1 vessel
Good	65	3 4	28 15:14:00 PST SC	23:14-GMT Tt Bottlenose dolphin Position: 164° / 449 m Dir: East; Behavior: Slow travel • Milling Total 5 — 0 Calves at sighting
Good	65	3 4	29 15:23:00 PST SC	23:23-GMT Tt Bottlenose dolphin Position: 177° / 761 m Dir: West; Behavior: Slow travel • Milling Total 4 — 0 Calves at sighting
Good	65	3 4	30 16:09:00 PST S	0:09; 3/2/2008-GMT Er Gray whale (northbound) Position: 121° / 1,228 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	65	3 4	31 16:35:00 PST SV	0:35; 3/2/2008-GMT Oil services Position: 281° / 3,288 m Dir: East 1 vessel
Good	65	3 4	32 16:48:00 PST S	0:48; 3/2/2008-GMT Er Gray whale (northbound) Position: 104° / 2,553 m Dir: West; Behavior: not indicated Total 1 — 0 Calves at sighting
Good	65	3 4	33 16:55:00 PST SV	0:55; 3/2/2008-GMT Kayak/canoe (beyond kelp) Position: 99° / 3,288 m Dir: West 1 vessel
Good	65	3 4	34 17:13:00 PST SC	1:13; 3/2/2008-GMT Tt Bottlenose dolphin Position: 119° / 939 m Dir: Stationary; Behavior: Milling Total 3 — 0 Calves at sighting
Mar 02 Day 35 of 105				
	CCvr	Bft	Vis	
Fair	20	1 3	01 8:57:00 PST S	16:57-GMT Er Gray whale (northbound) Position: 184° / 551 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	20	2 3	02 9:24:00 PST SV	17:24-GMT Oil services Position: 239° / 3,288 m Dir: Stationary 1 vessel
Fair	20	2 3	03 9:35:00 PST SV	17:35-GMT Private Position: 105° / 2,553 m Dir: West 1 vessel
Fair	20	2 3	04 10:11:00 PST S	18:11-GMT Er Gray whale (northbound) Position: 124° / 2,553 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Fair	20	2 3	05 10:26:00 PST S	18:26-GMT Er Gray whale (northbound) Position: 120° / 1,546 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	20	1 3	06 10:32:00 PST SC	18:32-GMT Tt Bottlenose dolphin Position: 154° / 275 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Fair	20	0 3	07 10:45:00 PST SO	18:45-GMT El Southern Sea otter Position: 261° / 418 m Dir: South; Behavior: in kelp • on back, feeding • with gull(s) Total 1 — 0 Pups at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair 20 0 3	08	11:20:00 PST SV	19:20-GMT Sailboat (motor) Position: 106° / 3,288 m Dir: West	1 vessel
Good 25 1 4	09	12:17:00 PST SV	20:17-GMT Private Position: 106° / 2,553 m Dir: West	1 vessel
Good 25 2 5	10	13:13:00 PST SV	21:13-GMT Sailboat (motor) Position: 126° / 3,288 m Dir: West	1 vessel
Good 25 3 5	11	13:16:00 PST SV	21:16-GMT Oil services Position: 292° / 3,288 m Dir: South	1 vessel
Good 75 3 5	12	13:55:00 PST SV	21:55-GMT Oil services Position: 274° / 3,288 m Dir: North	1 vessel
Good 80 3 5	13	14:12:00 PST SC	22:12-GMT ULW unidentified large whale Position: 195° / 2,872 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good 80 3 5	14	14:20:00 PST SV	22:20-GMT Sportfish-private Position: 206° / 1,369 m Dir: East	1 vessel
Good 80 3 5	15	14:26:00 PST SV	22:26-GMT Dive-research Position: 204° / 310 m Dir: West	1 vessel
Good 80 2 5	16	14:58:00 PST SV	22:58-GMT Kayak/canoe (beyond kelp) Position: 167° / 939 m Dir: East	1 vessel
Good 50 3 4	17	16:32:00 PST SV	0:32; 3/3/2008-GMT Oil services Position: 279° / 3,288 m Dir: South	1 vessel

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	CCvr	Bft	Vis	Number	Time Code	Species / Vessel Type	
Fair	0	1	3	01	9:00:00 PST SO	17:00-GMT El Southern Sea otter Position: 243° / 418 m Dir: Stationary; Behavior: in kelp • on back, feeding • with gull(s)	Total 1 — 0 Pups at sighting
Fair	0	1	3	02	9:00:00 PST SO	17:00-GMT El Southern Sea otter Position: 260° / 527 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 1 — 0 Pups at sighting
Fair	0	1	3	03	9:35:00 PST SO	17:35-GMT El Southern Sea otter Position: 138° / 404 m Dir: East; Behavior: in open water • with gull(s) • on back, feeding	Total 1 — 0 Pups at sighting
Fair	0	1	3	04	9:40:00 PST S	17:40-GMT Er Gray whale (northbound) Position: 179° / 527 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	0	1	4	05	12:52:00 PST S	20:52-GMT Er Gray whale (northbound) Position: 152° / 318 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	0	1	4	06	13:22:00 PST SV	21:22-GMT Fish-commercial Position: 239° / 3,288 m Dir: East	1 vessel
Good	0	1	4	07	13:43:00 PST S	21:43-GMT Er Gray whale (northbound) Position: 137° / 1,228 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Good	0	1	4	08	13:55:00 PST SV	21:55-GMT Kelp harvester Ocean Rose Position: 239° / 1,019 m Dir: East	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	1	4	09 14:22:00 PST SV 22:22-GMT Fish-trap-commercial Position: 105° / 2,553 m Dir: West 1 vessel
Good	0	1	4	10 14:27:00 PST SV 22:27-GMT Fish-commercial Position: 241° / 2,094 m Dir: East 1 vessel
Good	0	1	4	11 14:38:00 PST SV 22:38-GMT Oil services Position: 278° / 3,288 m Dir: South 1 vessel
Good	0	2	4	12 15:35:00 PST SO 23:35-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 165° / 551 m Dir: Stationary; Behavior: with gull(s) • Diving • in open water
Good	0	1	4	13 16:01:00 PST SV 0:01; 3/4/2008-GMT Fish-trap-commercial Sundowner Position: 268° / 2,553 m Dir: East 1 vessel
Good	0	1	4	14 16:09:00 PST S 0:09; 3/4/2008-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 198° / 1,369 m Dir: West; Behavior: Slow travel
Fair	0	1	3	15 16:31:00 PST SV 0:31; 3/4/2008-GMT Whale watching Condor Express Position: 167° / 3,288 m Dir: West 1 vessel
Fair	0	1	3	16 16:33:00 PST SV 0:33; 3/4/2008-GMT Oil services Position: 280° / 3,288 m Dir: South 1 vessel

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	CCvr	Bft	Vis	Number	Time Code	Species / Vessel Type	
Good	40	0	3	01	9:00:00 PST SV	17:00-GMT Oil services Position: 279° / 3,288 m Dir: South	1 vessel
Good	40	0	3	02	9:01:00 PST SV	17:01-GMT Fish-trap-commercial Provider Position: 145° / 812 m Dir: West	1 vessel
Good	40	0	3	03	9:02:00 PST SV	17:02-GMT Fish-trap-commercial Sea Fever Position: 188° / 761 m Dir: East	1 vessel
Good	40	0	3	04	9:05:00 PST SV	17:05-GMT Oil services Mr. Clean Position: 100° / 3,288 m Dir: Stationary	1 vessel
				05	9:11:00 PST SO	17:11-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 206° / 232 m Dir: Stationary; Behavior: with gull(s) • on back, feeding	
				06	9:17:00 PST SO	17:17-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 248° / 485 m Dir: Stationary; Behavior: with gull(s) • on back, feeding	
Good	40	0	3	07	9:28:00 PST S	17:28-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 130° / 1,546 m Dir: West; Behavior: Slow travel • Fluke	
Good	40	0	3	08	9:51:00 PST SV	17:51-GMT Private Moving On Position: 129° / 3,288 m Dir: West	1 vessel
Good	40	0	3	09	9:53:00 PST SC	17:53-GMT Tt Bottlenose dolphin Total 5 — 1 Calf at sighting Position: 269° / 356 m Dir: East; Behavior: Slow travel	
Good	40	0	3	10	10:12:00 PST SO	18:12-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 117° / 505 m Dir: West; Behavior: Swimming • in kelp	

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	40	0 3	11 10:12:00 PST SO 18:12-GMT El Southern Sea otter Position: 124° / 346 m Dir: Stationary; Behavior: with gull(s)	Total 1 — 0 Pups at sighting
Good	40	0 3	12 10:14:00 PST SC 18:14-GMT Tt Bottlenose dolphin Position: 194° / 378 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good	40	0 3	13 10:38:00 PST SC 18:38-GMT Tt Bottlenose dolphin Position: 214° / 505 m Dir: West; Behavior: Slow travel • Milling	Total 3 — 0 Calves at sighting
Good	40	0 3	14 10:45:00 PST SV 18:45-GMT Helicopter Position: 94° / 1000 m Dir: West	1 vessel
Good	30	0 3	15 11:08:00 PST SC 19:08-GMT Tt Bottlenose dolphin Position: 204° / 378 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	30	0 3	16 12:00:00 PST SC 20:00-GMT Tt Bottlenose dolphin Position: 159° / 639 m Dir: Stationary; Behavior: Milling	Total 3 — 0 Calves at sighting
Good	20	0 4	17 12:29:00 PST SV 20:29-GMT Helicopter Position: 104° / 1000 m Dir: West	1 vessel
Good	20	0 4	18 12:33:00 PST SV 20:33-GMT Sportfish-private Position: 225° / 2,094 m Dir: East	1 vessel
Excellent	0	0 4	19 13:07:00 PST SV 21:07-GMT Whale watching Condor Express Position: 160° / 3,288 m Dir: West	1 vessel
Excellent	0	0 4	20 13:20:00 PST SV 21:20-GMT Helicopter Position: 144° / 800 m Dir: South	1 vessel
Excellent	0	0 4	21 13:40:00 PST SC 21:40-GMT Tt Bottlenose dolphin Position: 195° / 449 m Dir: East; Behavior: Milling • Slow travel	Total 3 — 0 Calves at sighting
Excellent	0	0 4	22 13:48:00 PST SV 21:48-GMT Kelp harvester Ocean Rose Position: 263° / 2,553 m Dir: East	1 vessel
Excellent	0	0 4	23 13:51:00 PST SV 21:51-GMT Helicopter Position: 154° / 200 m Dir: West	1 vessel
Excellent	0	0 4	24 14:25:00 PST SV 22:25-GMT Fish-trap-commercial Position: 201° / 2,553 m Dir: East	1 vessel
Excellent	0	0 4	25 14:41:00 PST SV 22:41-GMT Oil services Position: 278° / 3,288 m Dir: South	1 vessel
Excellent	0	0 4	26 14:44:00 PST SV 22:44-GMT Helicopter Position: 294° / 800 m Dir: East	1 vessel
Good	0	1 3	27 15:17:00 PST SV 23:17-GMT Sailboat (motor) Maria Position: 245° / 2,553 m Dir: East	1 vessel
Good	0	1 3	28 16:16:00 PST S 0:16; 3/5/2008-GMT Er Gray whale (northbound) Position: 107° / 2,872 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Good	0	1 3	29 16:18:00 PST SV 0:18; 3/5/2008-GMT Fish-trap-commercial Position: 262° / 1,778 m Dir: East	1 vessel

2008 All Sighting Numbers, Raw

				Number	Time			Species / Vessel Type			
				Code	Code						
Mar 05	Day 38 of 105										
	CCvr	Bft	Vis								
Good	35	2	3	01	9:00:00 PST	17:00-GMT	SO		El Southern Sea otter	Total 1 — 0 Pups at sighting	
Position: 258° / 623 m Dir: West; Behavior: Swimming • in open water											
Good	35	2	3	02	9:01:00 PST	17:01-GMT	SO		El Southern Sea otter	Total 1 — 0 Pups at sighting	
Position: 174° / 675 m Dir: Stationary; Behavior: Diving • in open water											
Good	35	2	3	03	9:03:00 PST	17:03-GMT	SO		El Southern Sea otter	Total 1 — 0 Pups at sighting	
Position: 143° / 466 m Dir: East; Behavior: with gull(s) • Swimming											
Good	35	2	3	04	9:04:00 PST	17:04-GMT	SV		Dive-research	1 vessel	
Position: 119° / 939 m Dir: West											
Good	35	2	3	05	9:15:00 PST	17:15-GMT	SO		El Southern Sea otter	Total 1 — 0 Pups at sighting	
Position: 146° / 1,228 m Dir: Stationary; Behavior: on back, resting											
Good	35	2	3	06	9:18:00 PST	17:18-GMT	SO		El Southern Sea otter	Total 1 — 0 Pups at sighting	
Position: 130° / 449 m Dir: Stationary; Behavior: Diving											
Good	35	2	3	07	9:27:00 PST	17:27-GMT	SC		Tt Bottlenose dolphin	Total 5 — 0 Calves at sighting	
Position: 110° / 715 m Dir: West; Behavior: Slow travel • Milling											
Good	35	2	3	08	9:32:00 PST	17:32-GMT	SV		Oil services	1 vessel	
Position: 270° / 3,288 m Dir: North											
Good	35	2	3	09	9:36:00 PST	17:36-GMT	SC		Tt Bottlenose dolphin	Total 3 — 0 Calves at sighting	
Position: 115° / 378 m Dir: West; Behavior: Slow travel											
Good	35	2	3	10	9:38:00 PST	17:38-GMT	SV		Research vessel	1 vessel	
Position: 107° / 2,553 m Dir: West											
Good	5	2	3	11	10:05:00 PST	18:05-GMT	SV		Whale watching Condor Express	1 vessel	
Position: 263° / 3,288 m Dir: North											
Good	5	2	3	12	10:26:00 PST	18:26-GMT	SV		Oil services	1 vessel	
Position: 289° / 3,288 m Dir: South											
Good	5	2	3	13	11:09:00 PST	19:09-GMT	SV		Oil services	1 vessel	
Position: 276° / 3,288 m Dir: North											
Good	5	2	3	14	11:14:00 PST	19:14-GMT	SO		El Southern Sea otter	Total 2 — 0 Pups at sighting	
Position: 128° / 505 m Dir: East; Behavior: on back, feeding • Diving • with gull(s)											
Good	5	2	3	15	11:17:00 PST	19:17-GMT	SV		Private	1 vessel	
Position: 101° / 2,553 m Dir: Stationary											
Good	5	2	3	16	11:42:00 PST	19:42-GMT	SV		Fish-trap-commercial	1 vessel	
Position: 105° / 1,778 m Dir: West											
Good	5	2	3	17	11:50:00 PST	19:50-GMT	SV		Oil services	1 vessel	
Position: 276° / 3,288 m Dir: South											
Good	5	1	3	18	12:21:00 PST	20:21-GMT	SV		Helicopter	1 vessel	
Position: 174° / 500 m Dir: West											

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	5	1	3	19 12:33:00 PST SV 20:33-GMT Sportfish-private Position: 254° / 2,872 m Dir: East 1 vessel
Good	5	1	3	20 13:00:00 PST SV 21:00-GMT Oil services Position: 249° / 3,288 m Dir: South 1 vessel
Fair	0	2	2	21 13:30:00 PST SV 21:30-GMT Kelp harvester Ocean Rose Position: 256° / 2,553 m Dir: East 1 vessel
Fair	0	2	2	22 13:42:00 PST SV 21:42-GMT Private Position: 261° / 1,019 m Dir: East 1 vessel
Fair	0	3	2	23 14:18:00 PST S 22:18-GMT Er Gray whale (northbound) Position: 211° / 1,778 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting

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	CCvr	Bft	Vis	
Fair	80	0	4	01 9:04:00 PST S 17:04-GMT Er Gray whale (northbound) Position: 130° / 232 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	80	0	4	02 9:08:00 PST SV 17:08-GMT Oil services Position: 264° / 3,288 m Dir: North 1 vessel
Fair	80	0	4	03 9:15:00 PST SO 17:15-GMT El Southern Sea otter Position: 251° / 224 m Dir: East; Behavior: Swimming • in surf zone Total 1 — 0 Pups at sighting
Fair	80	0	4	04 9:20:00 PST SO 17:20-GMT El Southern Sea otter Position: 238° / 812 m Dir: West; Behavior: Swimming • in open water Total 1 — 0 Pups at sighting
Fair	80	0	4	05 9:23:00 PST SO 17:23-GMT El Southern Sea otter Position: 259° / 551 m Dir: West; Behavior: Swimming • in open water Total 1 — 0 Pups at sighting
Fair	80	0	4	06 9:33:00 PST S 17:33-GMT Er Gray whale (northbound) Position: 142° / 1,369 m Dir: West; Behavior: Slow travel • Fluke Total 2 — 0 Calves at sighting
Fair	80	0	4	07 9:39:00 PST S 17:39-GMT Er Gray whale (northbound) Position: 152° / 3,288 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	80	0	4	08 9:51:00 PST SV 17:51-GMT Fish-trap-commercial Provider Position: 142° / 1,369 m Dir: Stationary 1 vessel
Fair	80	0	4	09 9:57:00 PST SO 17:57-GMT El Southern Sea otter Position: 245° / 551 m Dir: West; Behavior: in open water • Swimming Total 1 — 0 Pups at sighting
Good	80	1	4	10 10:02:00 PST SV 18:02-GMT Airplane Position: 164° / 10 m Dir: West 1 vessel
Good	80	1	4	11 10:35:00 PST SV 18:35-GMT Oil services Position: 278° / 3,288 m Dir: South 1 vessel
Fair	80	2	3	12 11:17:00 PST S 19:17-GMT Er Gray whale (northbound) Position: 99° / 3,288 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	80	2	3	13 11:35:00 PST S 19:35-GMT Er Gray whale (northbound) Position: 119° / 1,369 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	80	2 3	14 11:40:00 PST SV 19:40-GMT Helicopter Position: 184° / 100 m Dir: East	1 vessel
Good	40	1 3	15 12:15:00 PST SV 20:15-GMT Whale watching Condor Express Position: 107° / 3,288 m Dir: West	1 vessel
Good	40	1 3	16 12:38:00 PST SV 20:38-GMT Oil services Position: 271° / 3,288 m Dir: North	1 vessel
Good	40	1 3	17 12:49:00 PST SV 20:49-GMT Oil services Position: 289° / 3,288 m Dir: South	1 vessel
Good	40	1 3	18 13:14:00 PST SV 21:14-GMT Private Position: 117° / 3,288 m Dir: West	1 vessel
Good	85	1 3	19 13:30:00 PST SV 21:30-GMT Sportfish-private Position: 109° / 2,553 m Dir: West	1 vessel
Good	85	1 3	20 13:58:00 PST SO 21:58-GMT El Southern Sea otter Position: 261° / 252 m Dir: West; Behavior: Swimming • in open water	Total 1 — 0 Pups at sighting
Good	85	1 3	21 13:58:00 PST SO 21:58-GMT El Southern Sea otter Position: 259° / 466 m Dir: Stationary; Behavior: in kelp • on back, resting	
Good	85	1 3	22 14:03:00 PST SO 22:03-GMT El Southern Sea otter Position: 133° / 551 m Dir: West; Behavior: with gull(s) • in open water • on back, feeding	Total 1 — 0 Pups at sighting
Good	85	1 3	23 14:03:00 PST SO 22:03-GMT El Southern Sea otter Position: 143° / 356 m Dir: Stationary; Behavior: with gull(s) • on back, feeding	Total 1 — 0 Pups at sighting
Fair	100	1 2	24 14:13:00 PST SV 22:13-GMT Kelp harvester Ocean Rose Position: 267° / 1,778 m Dir: East	1 vessel
Fair	100	1 2	25 14:40:00 PST SV 22:40-GMT Oil services Position: 243° / 2,553 m Dir: South	1 vessel
Fair	100	0 2	26 15:14:00 PST SO 23:14-GMT El Southern Sea otter Position: 302° / 500 m Dir: East; Behavior: in surf zone • on back, feeding	Total 1 — 0 Pups at sighting
Fair	100	0 2	27 15:24:00 PST SC 23:24-GMT Tt Bottlenose dolphin Position: 294° / 840 m Dir: East; Behavior: Slow travel • Milling	Total 5 — 0 Calves at sighting
Fair	100	0 2	28 15:51:00 PST SV 23:51-GMT Helicopter Position: 259° / 700 m Dir: East	1 vessel
Poor	100	0 2	29 16:20:00 PST SC 0:20; 3/7/2008-GMT Tt Bottlenose dolphin Position: 226° / 318 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	100	0 2	30 16:21:00 PST SV 0:21; 3/7/2008-GMT Oil services Position: 289° / 3,288 m Dir: South	1 vessel
Mar 07 Day 40 of 105				
	CCvr	Bft	Vis	
Good	5	0 4	10 10:55:00 PST SV 18:55-GMT Helicopter SBOP Position: 114° / 1000 m Dir: West	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	5	0 4	02 10:57:00 PST SO 18:57-GMT El Southern Sea otter Position: 124° / 551 m Dir: Stationary; Behavior: with gull(s) • in kelp • on back, feeding	Total 1 — 0 Pups at sighting
Good	5	0 4	03 10:57:00 PST SO 18:57-GMT El Southern Sea otter Position: 142° / 527 m Dir: East; Behavior: Swimming • in open water	Total 1 — 0 Pups at sighting
Good	10	0 4	04 11:01:00 PST SV 19:01-GMT Helicopter Position: 134° / 1000 m Dir: West	1 vessel
Good	10	0 4	05 11:19:00 PST SO 19:19-GMT El Southern Sea otter Position: 194° / 242 m Dir: West; Behavior: Swimming • in kelp	Total 1 — 0 Pups at sighting
Good	10	0 4	07 11:50:00 PST SO 19:50-GMT El Southern Sea otter Position: 254° / 551 m Dir: Stationary; Behavior: in kelp • with gull(s) • on back, feeding	Total 1 — 0 Pups at sighting
Good	10	0 4	08 11:50:00 PST SO 19:50-GMT El Southern Sea otter Position: 184° / 418 m Dir: Stationary; Behavior: Grooming • in open water	
Good	10	0 4	09 11:50:00 PST SO 19:50-GMT El Southern Sea otter Position: 115° / 1,228 m Dir: Stationary; Behavior: in kelp • with gull(s)	Total 1 — 0 Pups at sighting
Good	10	0 4	10 11:53:00 PST SO 19:53-GMT El Southern Sea otter Position: 124° / 761 m Dir: Stationary; Behavior: in open water • on back, feeding	Total 1 — 0 Pups at sighting
Good	10	0 4	06 11:54:00 PST SV 19:54-GMT Oil services Position: 263° / 3,288 m Dir: South	1 vessel
Good	15	1 4	11 12:25:00 PST SC 20:25-GMT Tt Bottlenose dolphin Position: 269° / 485 m Dir: East; Behavior: Slow travel	Total 7 — 0 Calves at sighting
Good	15	2 4	12 13:19:00 PST S 21:19-GMT Er Gray whale (northbound) Position: 141° / 4,712 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	15	2 3	13 13:34:00 PST SV 21:34-GMT Kelp harvester Ocean Rose Position: 220° / 1,778 m Dir: East	1 vessel
Fair	85	3 3	14 13:48:00 PST SV 21:48-GMT Helicopter Position: 254° / 800 m Dir: East	1 vessel
Fair	85	3 3	15 14:10:00 PST SV 22:10-GMT Oil services Position: 125° / 3,288 m Dir: West	1 vessel
Fair	85	3 3	16 14:26:00 PST SO 22:26-GMT El Southern Sea otter Position: 136° / 212 m Dir: Stationary; Behavior: with gull(s) • on back, resting	Total 1 — 0 Pups at sighting
Fair	85	3 3	17 14:26:00 PST SO 22:26-GMT El Southern Sea otter Position: 176° / 247 m Dir: Stationary; Behavior: on back, resting	Total 1 — 0 Pups at sighting
Fair	85	3 3	18 14:26:00 PST SO 22:26-GMT El Southern Sea otter Position: 189° / 232 m Dir: Stationary; Behavior: on back, resting	Total 1 — 0 Pups at sighting
Fair	85	3 3	19 14:26:00 PST SO 22:26-GMT El Southern Sea otter Position: 154° / 212 m Dir: Stationary; Behavior: with gull(s)	Total 1 — 0 Pups at sighting
Fair	85	3 3	20 14:27:00 PST SO 22:27-GMT El Southern Sea otter Position: 137° / 356 m Dir: Stationary; Behavior: Diving • in open water	Total 1 — 0 Pups at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	80	1 4	21 14:50:00 PST SV Oil services Position: 282° / 3,288 m Dir: South	22:50-GMT 1 vessel
Good	80	1 4	22 14:56:00 PST SO El Southern Sea otter Position: 139° / 288 m Dir: Stationary; Behavior: on back, feeding • in surf zone	22:56-GMT Total 1 — 0 Pups at sighting
Fair	80	1 3	23 15:48:00 PST SV Enforcement Position: 115° / 1,778 m Dir: West	23:48-GMT 1 vessel
Fair	80	1 3	24 15:51:00 PST SV Private Position: 259° / 449 m Dir: East	23:51-GMT 1 vessel
Fair	95	1 3	25 16:10:00 PST SV Sailboat (motor) Position: 116° / 3,288 m Dir: West	0:10; 3/8/2008-GMT 1 vessel
Fair	95	1 3	26 16:17:00 PST SV Fish-trap-commercial Position: 251° / 1,228 m Dir: East	0:17; 3/8/2008-GMT 1 vessel
Mar 08 Day 41 of 105				
	CCvr	Bft	Vis	
Fair	60	2 2	01 8:50:00 PST S Er Gray whale (northbound) Position: 164° / 1,228 m Dir: West; Behavior: Slow travel	16:50-GMT Total 1 — 0 Calves at sighting
Fair	60	2 2	02 8:54:00 PST SC Tt Bottlenose dolphin Position: 162° / 310 m Dir: West; Behavior: not indicated	16:54-GMT Total 5 — 1 Calf at sighting
Fair	60	1 3	03 9:30:00 PST S Er Gray whale (northbound) Position: 111° / 1,546 m Dir: West; Behavior: Slow travel	17:30-GMT Total 1 — 0 Calves at sighting
Fair	60	1 3	04 10:03:00 PST SO El Southern Sea otter Position: 249° / 281 m Dir: West; Behavior: in open water • with gull(s) • on back, feeding	18:03-GMT Total 1 — 0 Pups at sighting
Fair	60	1 3	05 10:05:00 PST SO El Southern Sea otter Position: 254° / 269 m Dir: West; Behavior: in open water • with gull(s) • on back, feeding	18:05-GMT Total 1 — 0 Pups at sighting
Fair	60	2 3	06 10:54:00 PST SC Tt Bottlenose dolphin Position: 115° / 1,778 m Dir: West; Behavior: Slow travel	18:54-GMT Total 7 — 0 Calves at sighting
Fair	60	2 3	07 11:10:00 PST SC Tt Bottlenose dolphin Position: 155° / 495 m Dir: Stationary; Behavior: Milling	19:10-GMT Total 3 — 0 Calves at sighting
Fair	60	2 3	08 11:24:00 PST S Er Gray whale (northbound) Position: 161° / 761 m Dir: West; Behavior: Slow travel	19:24-GMT Total 1 — 0 Calves at sighting
Mar 09 Day 42 of 105				
	CCvr	Bft	Vis	
				07 void PDT 7:-GMT
				12 void PDT 7:-GMT
Fair	35	0 2	01 9:08:00 PDT SO El Southern Sea otter Position: 185° / 216 m Dir: Stationary; Behavior: on back, resting • Diving • in surf zone	16:08-GMT Total 1 — 0 Pups at sighting
Fair	35	0 2	02 9:09:00 PDT SO El Southern Sea otter Position: 274° / 485 m Dir: Stationary; Behavior: with gull(s) • Diving	16:09-GMT Total 1 — 0 Pups at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	35	0 2	03 9:09:00 PDT SO 16:09-GMT El Southern Sea otter Position: 271° / 275 m Dir: East; Behavior: Swimming • in surf zone	Total 1 — 0 Pups at sighting
Fair	35	0 2	04 9:14:00 PDT S 16:14-GMT Er Gray whale (northbound) Position: 128° / 2,094 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	35	0 2	05 9:18:00 PDT SV 16:18-GMT Private Position: 174° / 3,288 m Dir: East	1 vessel
Fair	35	0 2	06 9:45:00 PDT SV 16:45-GMT Helicopter SBOP Position: 114° / 1200 m Dir: West	1 vessel
Fair	70	0 3	08 10:22:00 SV 17:22-GMT Oil services Position: 240° / 3,288 m Dir: Stationary	1 vessel
Fair	70	0 3	09 10:43:00 SV 17:43-GMT Sailboat (motor) Position: 141° / 3,288 m Dir: West	1 vessel
Fair	70	0 3	10 10:44:00 SV 17:44-GMT Sailboat (motor) Jenny Lane Position: 97° / 2,872 m Dir: West	1 vessel
Fair	70	0 3	11 10:55:00 SC 17:55-GMT Lo Pacific White-sided dolphin Position: 189° / 1,369 m Dir: East; Behavior: not indicated	Total 3 — 0 Calves at sighting
Fair	70	0 3	13 11:21:00 S 18:21-GMT Er Gray whale (northbound) Position: 123° / 3,288 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	70	0 3	14 11:34:00 SV 18:34-GMT Sportfish-private Position: 268° / 1,778 m Dir: East	1 vessel
Fair	70	0 3	15 12:06:00 SC 19:06-GMT Tt Bottlenose dolphin Position: 153° / 318 m Dir: West; Behavior: Fast travel	Total 3 — 0 Calves at sighting
Fair	70	0 3	16 12:22:00 SC 19:22-GMT Tt Bottlenose dolphin Position: 249° / 356 m Dir: West; Behavior: not indicated	Total 1 — 0 Calves at sighting
Good	70	0 4	17 12:38:00 SV 19:38-GMT Private Position: 229° / 3,288 m Dir: East	1 vessel
Good	70	0 4	18 12:47:00 SV 19:47-GMT Jet ski Position: 197° / 378 m Dir: East	2 vessels
Good	70	0 4	19 12:50:00 SV 19:50-GMT Private Position: 235° / 3,288 m Dir: East	1 vessel
Good	70	0 4	20 12:52:00 SV 19:52-GMT Whale watching Condor Express Position: 180° / 3,288 m Dir: West	1 vessel
Good	70	0 4	21 12:55:00 SV 19:55-GMT Whale watching Speed Twin Position: 168° / 3,288 m Dir: West	1 vessel
Good	70	0 4	22 13:09:00 S 20:09-GMT Er Gray whale (northbound) Position: 180° / 3,288 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Good	70	0 4	23 13:18:00 S 20:18-GMT Er Gray whale (northbound) Position: 121° / 1,228 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	70	0	4	24 13:34:00 SV 20:34-GMT Sportfish-private Position: 260° / 1,228 m Dir: East 1 vessel
Good	70	1	4	25 13:52:00 SV 20:52-GMT Kelp harvester Ocean Harvest Position: 266° / 2,094 m Dir: East 1 vessel
Good	70	1	4	26 13:59:00 SV 20:59-GMT Enforcement Position: 132° / 2,553 m Dir: West 1 vessel
Good	70	1	4	27 14:23:00 SO 21:23-GMT El Southern Sea otter Total 2 — 0 Pups at sighting Position: 166° / 871 m Dir: Stationary; Behavior: Interacting • in open water
Good	70	1	4	28 14:40:00 SV 21:40-GMT Fish-trap-commercial March Gale Position: 109° / 2,094 m Dir: West 1 vessel
Good	35	1	4	29 15:25:00 SV 22:25-GMT Fish-trap-commercial Position: 109° / 2,553 m Dir: Stationary 1 vessel
Good	35	1	4	30 15:32:00 S 22:32-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 109° / 4,712 m Dir: West; Behavior: Slow travel
Good	35	1	4	31 16:18:00 SV 23:18-GMT Whale watching Condor Express Position: 114° / 3,288 m Dir: West 1 vessel
Good	35	1	4	32 16:20:00 SV 23:20-GMT Sportfish-commercial Stardust Position: 259° / 3,288 m Dir: East 1 vessel
Good	35	3	4	33 16:41:00 SV 23:41-GMT Oil services Position: 289° / 3,288 m Dir: South 1 vessel
Mar 10 Day 43 of 105				
	CCvr	Bft	Vis	
Fair	15	0	3	01 9:01:00 PDT SO 16:01-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 144° / 318 m Dir: Stationary; Behavior: with gull(s) • in open water • on back, feeding
Fair	15	0	3	02 9:03:00 PDT SO 16:03-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 149° / 505 m Dir: East; Behavior: with gull(s) • in open water • on back, feeding
Fair	15	0	3	03 9:04:00 PDT SO 16:04-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 203° / 639 m Dir: Stationary; Behavior: in open water • on back, resting
Fair	15	0	3	04 9:05:00 PDT SO 16:05-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 244° / 390 m Dir: East; Behavior: in kelp • Swimming
Fair	15	0	3	05 9:09:00 PDT SO 16:09-GMT El Southern Sea otter Total 2 — 0 Pups at sighting Position: 135° / 578 m Dir: Stationary; Behavior: in open water • Interacting
Fair	15	0	3	06 9:14:00 PDT SV 16:14-GMT Research vessel R/V Shearwater Position: 144° / 4,712 m Dir: South 1 vessel
Good	20	0	4	07 10:17:00 S 17:17-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 143° / 2,094 m Dir: West; Behavior: Slow travel
Good	20	0	4	08 11:01:00 S 18:01-GMT Er Gray whale (northbound) Total 2 — 0 Calves at sighting Position: 110° / 3,288 m Dir: West; Behavior: Slow travel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	5	1 4	09 11:08:00 S 18:08-GMT Er Gray whale (northbound) Position: 112° / 3,288 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Good	5	1 4	10 11:23:00 S 18:23-GMT Er Gray whale (northbound) Position: 124° / 4,712 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	5	1 4	11 13:12:00 SV 20:12-GMT Fish-trap-commercial Position: 143° / 1,228 m Dir: West	1 vessel
Good	5	1 4	12 13:15:00 S 20:15-GMT Er Gray whale (northbound) Position: 111° / 2,872 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting • Fluke
Excellent	5	2 5	13 13:30:00 SV 20:30-GMT Fish-trap-commercial Position: 154° / 1,019 m Dir: East	1 vessel
Excellent	5	2 5	14 13:54:00 S 20:54-GMT Er Gray whale (northbound) Position: 131° / 2,553 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Excellent	5	2 5	15 14:11:00 SV 21:11-GMT Kelp harvester Ocean Rose Position: 237° / 2,553 m Dir: East	1 vessel
Excellent	5	2 5	16 14:23:00 SV 21:23-GMT Fish-commercial Position: 267° / 2,872 m Dir: East	1 vessel
Excellent	5	2 5	17 14:36:00 SC 21:36-GMT Tt Bottlenose dolphin Position: 268° / 318 m Dir: East; Behavior: Milling	Total 5 — 0 Calves at sighting
Excellent	5	2 5	18 14:39:00 SC 21:39-GMT Tt Bottlenose dolphin Position: 198° / 404 m Dir: East; Behavior: Milling	Total 5 — 1 Calf at sighting
Excellent	5	2 5	19 14:41:00 SV 21:41-GMT Oil services Position: 284° / 3,288 m Dir: South	1 vessel
Excellent	5	2 5	20 14:44:00 S 21:44-GMT Er Gray whale (northbound) Position: 195° / 2,872 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Excellent	5	2 5	21 14:50:00 SV 21:50-GMT Oil services Comet Position: 165° / 675 m Dir: West	1 vessel
Excellent	5	2 5	22 15:01:00 SV 22:01-GMT Fish-trap-commercial Sundowner Position: 227° / 1,778 m Dir: East	1 vessel
Excellent	5	2 5	23 15:26:00 SV 22:26-GMT Oil services Mr. Clean Position: 117° / 3,288 m Dir: West	1 vessel
Excellent	10	2 5	24 16:24:00 SV 23:24-GMT Whale watching Speed Twin Position: 99° / 2,872 m Dir: East	1 vessel
Excellent	10	2 5	25 16:24:00 SV 23:24-GMT Jet ski Position: 179° / 195 m Dir: West	2 vessels
Excellent	10	2 5	26 16:35:00 S 23:35-GMT Er Gray whale (northbound) Position: 114° / 2,094 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

				Number	Time	Species / Vessel Type					
				Code	Code						
Mar 11	Day 44 of 105										
	CCvr	Bft	Vis								
				16 void	PDT	7:-GMT					
				<hr/>							
Good	20	1	4	01	9:04:00 PDT	16:04-GMT	Er Gray whale (northbound)	Total 2	—	0 Calves	at sighting
					S		Position: 138° / 3,288 m Dir: West; Behavior: Slow travel				
Good	20	1	4	02	9:33:00 PDT	16:33-GMT	Fish-commercial	1 vessel			
					SV		Position: 116° / 3,288 m Dir: Stationary				
Good	20	1	4	03	9:35:00 PDT	16:35-GMT	Fish-commercial	1 vessel			
					SV		Position: 109° / 2,553 m Dir: West				
Good	20	1	4	04	9:55:00 PDT	16:55-GMT	Private	1 vessel			
					SV		Position: 139° / 2,872 m Dir: West				
Good	20	0	4	05	10:10:00	17:10-GMT	Private	1 vessel			
					SV		Position: 244° / 527 m Dir: East				
Good	20	0	4	06	10:17:00	17:17-GMT	Fish-trap-commercial	1 vessel			
					SV		Position: 106° / 2,094 m Dir: East				
Good	20	0	4	07	10:24:00	17:24-GMT	El Southern Sea otter	Total 1	—	0 Pups	at sighting
					SO		Position: 245° / 527 m Dir: Stationary; Behavior: on back, resting				
Good	20	0	4	08	10:33:00	17:33-GMT	El Southern Sea otter	Total 1	—	0 Pups	at sighting
					SO		Position: 134° / 761 m Dir: West; Behavior: Swimming • in open water				
Good	20	0	4	09	10:34:00	17:34-GMT	El Southern Sea otter	Total 1	—	0 Pups	at sighting
					SO		Position: 133° / 390 m Dir: West; Behavior: Swimming • in open water				
Good	20	0	4	10	10:36:00	17:36-GMT	Sportfish-private Skipack	1 vessel			
					SV		Position: 109° / 2,094 m Dir: East				
Good	20	0	4	11	10:36:00	17:36-GMT	El Southern Sea otter	Total 1	—	0 Pups	at sighting
					SO		Position: 109° / 485 m Dir: Stationary; Behavior: in kelp				
Good	20	0	4	12	10:46:00	17:46-GMT	El Southern Sea otter	Total 1	—	0 Pups	at sighting
					SO		Position: 279° / 551 m Dir: Stationary; Behavior: in kelp • on back, resting				
Good	20	0	4	13	10:46:00	17:46-GMT	Oil services	1 vessel			
					SV		Position: 279° / 3,288 m Dir: West				
Good	20	0	4	14	10:47:00	17:47-GMT	El Southern Sea otter	Total 1	—	0 Pups	at sighting
					SO		Position: 163° / 1,113 m Dir: Stationary; Behavior: on back, feeding				
Good	20	0	4	15	11:02:00	18:02-GMT	Fish-trap-commercial Sea Fever	1 vessel			
					SV		Position: 108° / 2,553 m Dir: West				
Fair	10	0	4	17	12:02:00	19:02-GMT	Oil services	1 vessel			
					SV		Position: 252° / 2,553 m Dir: East				
Good	10	0	4	18	13:41:00	20:41-GMT	Kelp harvester Ocean Rose	1 vessel			
					SV		Position: 267° / 3,288 m Dir: East				

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	10	0 4	19 13:52:00 SV 20:52-GMT Whale watching Condor Express Position: 275° / 1,019 m Dir: East	1 vessel
Good	10	0 4	20 14:09:00 S 21:09-GMT Er Gray whale (northbound) Position: 97° / 3,288 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	10	0 4	21 14:33:00 SV 21:33-GMT Oil services Position: 279° / 3,288 m Dir: South	1 vessel
Good	10	0 4	22 14:37:00 SV 21:37-GMT Fish-trap-commercial Position: 184° / 1,778 m Dir: East	1 vessel
Good	10	0 4	23 14:44:00 SC 21:44-GMT Tt Bottlenose dolphin Position: 193° / 281 m Dir: East; Behavior: Milling	Total 2 — 0 Calves at sighting
Good	10	0 4	24 14:44:00 SV 21:44-GMT Kelp harvester Ocean Harvest Position: 234° / 715 m Dir: East	1 vessel
Good	10	0 4	25 14:56:00 SV 21:56-GMT Sportfish-private Position: 287° / 1,546 m Dir: West	1 vessel
Good	10	0 3	26 16:37:00 SV 23:37-GMT Oil services Position: 286° / 2,553 m Dir: South	1 vessel
Good	10	0 3	27 16:44:00 SV 23:44-GMT Fish-commercial Position: 264° / 2,553 m Dir: East	1 vessel
Good	20	0 3	28 16:45:00 S 23:45-GMT Er Gray whale (northbound) Position: 199° / 715 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting

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	CCvr	Bft	Vis	Number	Time Code	Species / Vessel Type	
Poor	60	2	2	01	9:02:00 PDT SV	16:02-GMT Oil services Position: 236° / 3,288 m Dir: Stationary	1 vessel
Poor	60	2	2	02	9:03:00 PDT SO	16:03-GMT El Southern Sea otter Position: 235° / 433 m Dir: Stationary; Behavior: on back, feeding • in open water • on back, resting	Total 1 — 0 Pups at sighting
Poor	60	2	2	03	9:04:00 PDT SO	16:04-GMT El Southern Sea otter Position: 206° / 410 m Dir: Stationary; Behavior: Diving	Total 1 — 0 Pups at sighting
Poor	60	2	2	04	9:11:00 PDT SV	16:11-GMT Dive-research Position: 106° / 2,094 m Dir: West	1 vessel
Poor	60	2	2	05	9:22:00 PDT S	16:22-GMT Er Gray whale (northbound) Position: 136° / 2,872 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	85	2	2	06	9:31:00 PDT S	16:31-GMT Er Gray whale (northbound) Position: 144° / 3,288 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Poor	50	1	2	07	9:43:00 PDT SV	16:43-GMT Whale watching Condor Express Position: 124° / 3,288 m Dir: West	1 vessel
Poor	50	1	2	08	10:04:00 SV	17:04-GMT Fish-trap-commercial Provider Position: 122° / 2,094 m Dir: West	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	50	1 2	09 10:44:00 SV 17:44-GMT Oil services Position: 292° / 3,288 m Dir: South	1 vessel
Poor	40	2 2	10 11:02:00 SC 18:02-GMT Tt Bottlenose dolphin Position: 224° / 449 m Dir: East; Behavior: Fast travel	Total 6 — 1 Calf at sighting
Fair	60	0 3	11 11:59:00 SV 18:59-GMT Oil services Position: 288° / 3,288 m Dir: South	1 vessel
Fair	60	0 3	12 12:19:00 SC 19:19-GMT Tt Bottlenose dolphin Position: 154° / 418 m Dir: West; Behavior: Slow travel	Total 8 — 0 Calves at sighting
Fair	60	1 2	13 13:21:00 SC 20:21-GMT Tt Bottlenose dolphin Position: 144° / 449 m Dir: Stationary; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	60	1 2	14 13:35:00 S 20:35-GMT Er Gray whale (northbound) Position: 115° / 3,288 m Dir: West; Behavior: Slow travel • Fluke	Total 4 — 0 Calves at sighting
Fair	60	1 2	16 13:36:00 SV 20:36-GMT Whale watching Speed Twin Position: 116° / 3,288 m Dir: West	1 vessel
Fair	60	1 2	15 13:48:00 SC 20:48-GMT Tt Bottlenose dolphin Position: 246° / 505 m Dir: East; Behavior: Slow travel • Milling	Total 7 — 0 Calves at sighting
Fair	90	1 3	17 15:09:00 S 22:09-GMT Er Gray whale (northbound) Position: 143° / 449 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	90	1 3	18 15:14:00 SC 22:14-GMT Tt Bottlenose dolphin Position: 229° / 495 m Dir: East; Behavior: Milling	Total 3 — 0 Calves at sighting
Fair	70	2 3	19 15:48:00 S 22:48-GMT Er Gray whale (northbound) Position: 124° / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	70	2 3	20 15:59:00 SV 22:59-GMT Fish-trap-commercial Position: 260° / 2,553 m Dir: East	1 vessel
Mar 13 Day 46 of 105				
		CCvr Bft Vis		
Poor	15	4 2	01 9:03:00 PDT SV 16:03-GMT Research vessel Sheerwater Position: 167° / 2,553 m Dir: West	1 vessel
Poor	15	4 2	02 9:07:00 PDT SV 16:07-GMT Helicopter Position: 189° / 150 m Dir: East	1 vessel
Poor	15	5 2	Off-Effort 03 9:28:00 PDT SO 16:28-GMT El Southern Sea otter Position: 194° / 527 m Dir: West; Behavior: with gull(s) • Swimming	Total 1 — 0 Pups at sighting
Poor	15	5 2	Off-Effort 04 9:35:00 PDT S 16:35-GMT Er Gray whale (northbound) Position: 160° / 607 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	15	5 2	Off-Effort 05 10:14:00 S 17:14-GMT Er Gray whale (northbound) Position: 165° / 505 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	10	5 2	Off-Effort 06 11:43:00 SV 18:43-GMT Oil services Position: 278° / 3,288 m Dir: South	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type		
Poor	10	6	2	Off-Effort 07 12:33:00 S 19:33-GMT Er Gray whale (northbound) Position: 205° / 527 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Mar 14 Day 47 of 105					
	CCvr	Bft	Vis		
Fair	0	3	3	01 9:00:00 PDT SV 16:00-GMT Research vessel Sheerwater Position: 248° / 2,094 m Dir: Stationary	1 vessel
Fair	0	3	3	02 9:38:00 PDT SC 16:38-GMT Tt Bottlenose dolphin Position: 201° / 346 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	0	3	3	03 9:40:00 PDT SO 16:40-GMT El Southern Sea otter Position: 152° / 449 m Dir: Stationary; Behavior: Diving • in open water	Total 1 — 0 Pups at sighting
Fair	0	3	4	04 10:35:00 SC 17:35-GMT Tt Bottlenose dolphin Position: 147° / 433 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair	0	4	4	05 11:09:00 S 18:09-GMT Er Gray whale (northbound) Position: 102° / 2,872 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0	4	4	06 11:17:00 SC 18:17-GMT Tt Bottlenose dolphin Position: 117° / 1,113 m Dir: West; Behavior: Milling	Total 7 — 0 Calves at sighting
Mar 15 Day 48 of 105					
	CCvr	Bft	Vis		
Poor	5	5	3	Off-Effort 01 9:00:00 PDT SV 16:00-GMT Research vessel R/V Shearwater Position: 124° / 2,553 m Dir: West	1 vessel
Poor	5	5	3	Off-Effort 02 9:22:00 PDT S 16:22-GMT Er Gray whale (northbound) Position: 131° / 3,288 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Mar 16 Day 49 of 105					
	CCvr	Bft	Vis		
Fair	0	3	3	01 9:05:00 PDT SV 16:05-GMT Oil services Position: 277° / 3,288 m Dir: North	1 vessel
Fair	0	4	3	02 9:42:00 PDT S 16:42-GMT Er Gray whale (northbound) Position: 146° / 3,288 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	0	4	3	03 9:47:00 PDT SV 16:47-GMT Whale watching Condor Express Position: 131° / 3,288 m Dir: West	1 vessel
Poor	0	5	3	Off-Effort 04 10:25:00 S 17:25-GMT Er Gray whale (northbound) Position: 155° / 2,094 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	0	5	3	Off-Effort 05 10:43:00 SV 17:43-GMT Sportfish-private Position: 126° / 1,228 m Dir: West	1 vessel
Mar 17 Day 50 of 105					
	CCvr	Bft	Vis		
Good	0	1	3	01 9:03:00 PDT S 16:03-GMT Er Gray whale (northbound) Position: 119° / 1,546 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	0	1	3	02 9:03:00 PDT SV 16:03-GMT Barge/tug Position: 275° / 939 m Dir: Stationary	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	1	3	03 9:35:00 PDT SV 16:35-GMT Research vessel Position: 121° / 2,872 m Dir: Stationary 1 vessel
Good	0	1	3	04 9:38:00 PDT SV 16:38-GMT Whale watching Condor Express Position: 124° / 1,778 m Dir: West 1 vessel
Good	0	1	3	05 9:47:00 PDT SO 16:47-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 245° / 147 m Dir: Stationary; Behavior: in surf zone • on back, feeding • Interacting
Good	0	0	3	06 10:17:00 S 17:17-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 206° / 3,288 m Dir: West; Behavior: Slow travel
Good	0	0	3	07 10:18:00 SV 17:18-GMT Sportfish-private 1 vessel Position: 241° / 1,019 m Dir: East
Good	0	1	3	08 10:24:00 SV 17:24-GMT Oil services 1 vessel Position: 289° / 3,288 m Dir: South
Good	0	1	3	09 10:38:00 SV 17:38-GMT Dive-private 1 vessel Position: 268° / 1,778 m Dir: West
Good	0	1	3	10 11:00:00 S 18:00-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 116° / 2,872 m Dir: West; Behavior: Slow travel • Fluke
Good	0	1	3	11 11:10:00 S 18:10-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 121° / 3,288 m Dir: West; Behavior: Slow travel
Good	0	1	3	12 11:12:00 SC 18:12-GMT Tt Bottlenose dolphin Total 6 — 0 Calves at sighting Position: 123° / 466 m Dir: West; Behavior: Slow travel • Milling
Good	0	1	3	13 11:33:00 SV 18:33-GMT Oil services 1 vessel Position: 279° / 3,288 m Dir: South
Good	0	1	3	14 12:05:00 SV 19:05-GMT Helicopter 1 vessel Position: 214° / 1500 m Dir: West
Good	0	1	3	15 12:11:00 SC 19:11-GMT Tt Bottlenose dolphin Total 7 — 0 Calves at sighting Position: 168° / 275 m Dir: West; Behavior: Slow travel
Good	0	1	3	16 12:19:00 SV 19:19-GMT Oil services 1 vessel Position: 274° / 3,288 m Dir: South
Good	0	1	3	17 12:20:00 S 19:20-GMT Er Gray whale (northbound) Total 3 — 0 Calves at sighting Position: 124° / 1,778 m Dir: West; Behavior: Slow travel
Good	0	1	3	18 12:29:00 S 19:29-GMT Er Gray whale (northbound) Total 4 — 0 Calves at sighting Position: 169° / 3,288 m Dir: West; Behavior: Slow travel
Good	0	1	3	19 12:40:00 SV 19:40-GMT Fish-trap-commercial March Gale 1 vessel Position: 144° / 812 m Dir: West
Good	0	1	3	20 13:02:00 SV 20:02-GMT Fish-trap-commercial Sundancer 1 vessel Position: 270° / 2,553 m Dir: East
Good	0	1	3	21 13:28:00 S 20:28-GMT Er Gray whale (northbound) Total 2 — 0 Calves at sighting Position: 117° / 2,872 m Dir: West; Behavior: Slow travel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	1	3	
	22	13:29:00	20:29-GMT S Er Gray whale (northbound) Position: 141° / 3,288 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	0	1	3	
	23	13:49:00	20:49-GMT SV Helicopter Position: 164° / 800 m Dir: East	1 vessel
Good	0	1	3	
	24	14:14:00	21:14-GMT SV Kelp harvester Ocean Rose Position: 259° / 2,553 m Dir: East	1 vessel
Good	0	3	3	
	25	14:49:00	21:49-GMT SV Helicopter SBOP Position: 164° / 400 m Dir: West	1 vessel
Fair	0	4	3	
	26	14:58:00	21:58-GMT SC ULW unidentified large whale Position: 160° / 3,288 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

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	CCvr	Bft	Vis	
Fair	0	0	3	
	01	9:01:00 PDT	16:01-GMT S Er Gray whale (northbound) Position: 131° / 2,094 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0	0	3	
	02	9:13:00 PDT	16:13-GMT SV Barge/tug Position: 187° / 2,553 m Dir: East	1 vessel
Fair	0	0	3	
	03	9:16:00 PDT	16:16-GMT SV Fish-trap-commercial Position: 124° / 1,228 m Dir: West	1 vessel
Fair	0	0	3	
	04	9:59:00 PDT	16:59-GMT SO El Southern Sea otter Position: 149° / 505 m Dir: West; Behavior: in open water • with gull(s) • on back, feeding	Total 1 — 0 Pups at sighting
Fair	0	0	3	
	05	10:03:00	17:03-GMT SO El Southern Sea otter Position: 179° / 607 m Dir: Stationary; Behavior: in open water • with gull(s) • on back, feeding	Total 1 — 0 Pups at sighting
Fair	0	0	3	
	06	10:16:00	17:16-GMT SV Research vessel Position: 274° / 2,872 m Dir: East	1 vessel
Fair	0	0	3	
	07	11:19:00	18:19-GMT SO El Southern Sea otter Position: 236° / 242 m Dir: East; Behavior: on back, feeding • with gull(s) • in surf zone	Total 1 — 0 Pups at sighting
Fair	0	0	3	
	08	12:14:00	19:14-GMT SV Fish-trap-commercial Ocean Pearl Position: 120° / 607 m Dir: East	1 vessel
Fair	0	0	3	
	09	12:18:00	19:18-GMT S Er Gray whale (northbound) Position: 115° / 2,094 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair	0	0	3	
	10	13:03:00	20:03-GMT SV Fish-trap-commercial March Gale Position: 183° / 675 m Dir: West	1 vessel
Fair	0	0	3	
	11	13:42:00	20:42-GMT SO El Southern Sea otter Position: 146° / 527 m Dir: Stationary; Behavior: with gull(s) • on back, feeding	Total 1 — 0 Pups at sighting
Fair	0	0	3	
	12	13:47:00	20:47-GMT S Er Gray whale (northbound) Position: 152° / 3,288 m Dir: West; Behavior: Slow travel • Breach	Total 5 — 0 Calves at sighting
Fair	0	0	3	
	13	14:04:00	21:04-GMT SV Airplane Position: 109° / 1500 m Dir: East	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	0	3	14 14:15:00 SV 21:15-GMT Helicopter SBOP Position: 184° / 200 m Dir: West 1 vessel
Fair	0	0	3	16 14:19:00 SV 21:19-GMT Oil services Position: 260° / 3,288 m Dir: South 1 vessel
Fair	0	0	3	15 14:23:00 SV 21:23-GMT Fish-trap-commercial Position: 208° / 2,094 m Dir: East 1 vessel
Fair	0	0	3	17 14:52:00 SV 21:52-GMT Research vessel Sheerwater Position: 154° / 3,288 m Dir: North 1 vessel
Fair	0	1	3	18 15:18:00 SO 22:18-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 134° / 527 m Dir: Stationary; Behavior: in kelp • on back, resting
Fair	0	1	3	19 15:29:00 SV 22:29-GMT Fish-trap-commercial Provider Position: 237° / 812 m Dir: East 1 vessel
Fair	0	1	3	20 15:34:00 SV 22:34-GMT Private Position: 139° / 871 m Dir: West 1 vessel
Fair	0	1	3	21 15:37:00 SO 22:37-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 132° / 715 m Dir: South; Behavior: not indicated
Fair	0	1	3	22 15:42:00 SV 22:42-GMT Fish-trap-commercial Saint Peter Position: 245° / 1,369 m Dir: East 1 vessel
Fair	0	1	3	23 16:42:00 SV 23:42-GMT Oil services Position: 287° / 3,288 m Dir: South 1 vessel
Fair	0	1	3	24 16:49:00 SV 23:49-GMT Kelp harvester Ocean Harvest Position: 258° / 1,019 m Dir: East 1 vessel
Fair	0	1	3	25 16:59:00 S 23:59-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 156° / 2,553 m Dir: West; Behavior: Slow travel
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	CCvr	Bft	Vis	
Poor	100	1	1.5	Off-Effort 01 9:13:00 PDT SV 16:13-GMT Oil services Position: 234° / 2,872 m Dir: Stationary 1 vessel
Poor	100	1	1.5	Off-Effort 02 9:15:00 PDT SO 16:15-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 151° / 715 m Dir: Stationary; Behavior: Diving • in open water
Poor	100	1	1.5	Off-Effort 03 9:18:00 PDT SO 16:18-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 136° / 551 m Dir: Stationary; Behavior: in open water
Poor	100	1	1.5	Off-Effort 04 9:29:00 PDT SC 16:29-GMT Tt Bottlenose dolphin Total 7 — 1 Calf at sighting Position: 119° / 527 m Dir: West; Behavior: Slow travel
Poor	100	1	1.5	Off-Effort 05 9:36:00 PDT SO 16:36-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 177° / 812 m Dir: East; Behavior: in open water • Swimming
Poor	100	1	1.5	Off-Effort 06 9:42:00 PDT SC 16:42-GMT Tt Bottlenose dolphin Total 2 — 0 Calves at sighting Position: 134° / 310 m Dir: West; Behavior: Slow travel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	100	1 1.5	Off-Effort 07 9:46:00 PDT SC	16:46-GMT Tt Bottlenose dolphin Position: 123° / 871 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Poor	100	1 1.5	Off-Effort 08 9:50:00 PDT SV	16:50-GMT Dive-private Position: 113° / 2,094 m Dir: West 1 vessel
Poor	100	1 1.7	09 10:12:00 SV	17:12-GMT Dive-commercial Position: 119° / 2,094 m Dir: West 1 vessel
Poor	100	1 1.7	10 10:22:00 SV	17:22-GMT Dive-research Position: 246° / 449 m Dir: East 1 vessel
Poor	100	1 1.7	11 10:34:00 SV	17:34-GMT Oil services Position: 286° / 3,288 m Dir: South 1 vessel
Poor	100	0 2	12 10:36:00 SV	17:36-GMT Fish-trap-commercial March Gale Position: 106° / 3,288 m Dir: West 1 vessel
Poor	100	0 2	13 10:37:00 SV	17:37-GMT Sailboat (motor) Position: 116° / 3,288 m Dir: West 1 vessel
Poor	100	0 2	14 10:46:00 S	17:46-GMT Er Gray whale (northbound) Position: 199° / 418 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Poor	100	0 2	15 10:52:00 SO	17:52-GMT El Southern Sea otter Position: 290° / 812 m Dir: Stationary; Behavior: not indicated Total 1 — 0 Pups at sighting
Poor	100	0 2	16 11:30:00 SV	18:30-GMT Kelp harvester Ocean Harvest Position: 104° / 3,288 m Dir: West 1 vessel
Poor	85	0 2	17 11:38:00 SV	18:38-GMT Helicopter Position: 144° / 40 m Dir: West 1 vessel
Poor	85	0 2	18 11:43:00 SV	18:43-GMT Oil services Position: 291° / 3,288 m Dir: South 1 vessel
Fair	65	0 3	19 12:16:00 SV	19:16-GMT Oil services Position: 285° / 2,872 m Dir: South 1 vessel
Fair	65	0 3	20 12:26:00 S	19:26-GMT Er Gray whale (northbound) Position: 236° / m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	65	0 2	21 13:50:00 SO	20:50-GMT El Southern Sea otter Position: 203° / 216 m Dir: West; Behavior: in surf zone • Swimming Total 1 — 0 Pups at sighting
Fair	60	0 3	22 14:37:00 SV	21:37-GMT Kelp harvester Ocean Rose Position: 251° / 2,553 m Dir: East 1 vessel
Fair	60	0 3	23 14:56:00 SV	21:56-GMT Sailboat (motor) Position: 127° / 3,288 m Dir: West 1 vessel
Fair	15	0 3	24 15:15:00 S	22:15-GMT Er Gray whale (northbound) Position: 160° / 527 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	15	0 3	25 15:22:00 S	22:22-GMT Er Gray whale (northbound) Position: 171° / 871 m Dir: West; Behavior: not indicated Total 2 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	15	0	3	
	26	15:36:00 SV	22:36-GMT Helicopter Position: 164° / 600 m Dir: West	1 vessel
Fair	15	0	3	
	27	16:09:00 S	23:09-GMT Er Gray whale (northbound) Position: 221° / 2,094 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	15	0	3	
	28	16:26:00 S	23:26-GMT Er Gray whale (northbound) Position: 104° / 4,712 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Mar 20 Day 53 of 105				
		CCvr	Bft	Vis
	06 void	PDT	7:-GMT	
Poor	90	0	1.5	
	01	8:51:00 PDT S	15:51-GMT Er Gray whale (northbound) Position: 184° / 715 m Dir: West; Behavior: not indicated	Total 2 — 0 Calves at sighting
Poor	90	0	1.5	
	02	8:58:00 PDT SC	15:58-GMT Tt Bottlenose dolphin Position: 134° / 201 m Dir: East; Behavior: not indicated	Total 2 — 0 Calves at sighting
Poor	90	0	1.5	
	03	9:00:00 PDT SV	16:00-GMT Oil services Position: 244° / 3,288 m Dir: North	1 vessel
Poor	90	0	1.5	
	04	9:28:00 PDT SO	16:28-GMT El Southern Sea otter Position: 160° / 607 m Dir: Stationary; Behavior: with gull(s) • in open water • on back, feeding	Total 1 — 0 Pups at sighting
Poor	90	0	1.5	
	05	9:29:00 PDT SV	16:29-GMT Sportfish-private Position: 161° / 2,553 m Dir: West	1 vessel
Poor	80	0	1.5	
	07	10:34:00 SV	17:34-GMT Oil services Position: 266° / 2,553 m Dir: East	1 vessel
Poor	80	0	1.5	
	08	10:38:00 SV	17:38-GMT Oil services Position: 284° / 3,288 m Dir: South	1 vessel
Poor	60	0	1.5	
	09	11:00:00 SV	18:00-GMT Helicopter Position: 134° / 400 m Dir: West	1 vessel
Poor	60	0	1.5	
	10	11:34:00 S	18:34-GMT Er Gray whale (northbound) Position: 105° / 3,288 m Dir: West; Behavior: not indicated	Total 1 — 0 Calves at sighting
Poor	60	0	1.5	
	11	12:11:00 SV	19:11-GMT Airplane Position: 174° / 250 m Dir: East	1 vessel
Poor	60	0	1.5	
	12	12:19:00 SV	19:19-GMT Sportfish-commercial Vision Position: 129° / 1,778 m Dir: West	1 vessel
Poor	20	0	1.5	
	13	12:25:00 SV	19:25-GMT Oil services Position: 281° / 3,288 m Dir: South	1 vessel
Poor	20	3	1.5	
	14	12:56:00 S	19:56-GMT Er Gray whale (northbound) Position: 117° / 3,288 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Poor	20	3	1.5	
	15	13:07:00 SV	20:07-GMT Whale watching Condor Express Position: 126° / 3,288 m Dir: East	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	20	3 1.7	16 13:13:00 SV 20:13-GMT Whale watching Speed Twin Position: 132° / 2,872 m Dir: West	1 vessel
Poor	20	3 1.7	18 13:27:00 SV 20:27-GMT Sailboat (motor) Position: 111° / 3,288 m Dir: West	1 vessel
Poor	20	3 1.7	19 13:45:00 S 20:45-GMT Er Gray whale (northbound) Position: 145° / 639 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	20	3 1.7	20 14:36:00 SC 21:36-GMT Lo Pacific White-sided dolphin Position: 210° / 2,553 m Dir: East; Behavior: not indicated	Total 35 — 0 Calves at sighting
Poor	20	3 1.7	21 14:37:00 S 21:37-GMT Er Gray whale (northbound) Position: 206° / 2,872 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	20	3 1.7	22 14:46:00 S 21:46-GMT Er Gray whale (northbound) Position: 131° / 871 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	20	3 1.7	23 14:47:00 SC 21:47-GMT ULW unidentified large whale Position: 132° / 2,553 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	20	3 1.7	24 14:52:00 SV 21:52-GMT Private Position: 129° / 3,288 m Dir: West	1 vessel
Poor	20	3 2	25 15:13:00 S 22:13-GMT Er Gray whale (northbound) Position: 145° / 1,019 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Poor	20	3 2	26 15:23:00 SV 22:23-GMT Kelp harvester Ocean Harvest Position: 106° / 2,094 m Dir: South	1 vessel
Poor	20	3 2	27 15:27:00 SV 22:27-GMT Sailboat Position: 254° / 2,553 m Dir: East	1 vessel
Poor	20	3 2	28 15:41:00 S 22:41-GMT Er Gray whale (northbound) Position: 105° / 3,288 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Poor	20	3 2	29 15:42:00 SV 22:42-GMT Whale watching Condor Express Position: 106° / 3,288 m Dir: West	1 vessel
Poor	20	3 2	30 15:57:00 SV 22:57-GMT Helicopter Position: 104° / 2000 m Dir: West	1 vessel
Poor	20	3 2	31 16:11:00 S 23:11-GMT Er Gray whale (northbound) Position: 195° / 2,872 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	20	3 2	32 16:12:00 S 23:12-GMT Er Gray whale (northbound) Position: 203° / 2,872 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting

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CCvr Blt Vts

Fair	0	1 3	01 9:04:00 PDT SO 16:04-GMT El Southern Sea otter Position: 125° / 715 m Dir: Stationary; Behavior: Grooming • in open water	Total 1 — 0 Pups at sighting
Fair	0	1 3	02 9:07:00 PDT SV 16:07-GMT Dive-private Position: 135° / 3,288 m Dir: West	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	1	3	03 9:15:00 PDT SV 16:15-GMT Oil services Position: 268° / 3,288 m Dir: North 1 vessel
Fair	0	1	3	04 9:37:00 PDT SO 16:37-GMT El Southern Sea otter Position: 237° / 336 m Dir: East; Behavior: Swimming • in surf zone Total 1 — 0 Pups at sighting
Fair	0	1	3	05 9:41:00 PDT SV 16:41-GMT Helicopter Position: 204° / 600 m Dir: East 1 vessel
Fair	0	2	2	06 9:52:00 PDT SV 16:52-GMT Helicopter Position: 154° / 300 m Dir: West 1 vessel
Fair	0	2	2	07 10:00:00 SC 17:00-GMT ULW unidentified large whale Position: 154° / 1,113 m Dir: West; Behavior: not indicated Total 1 — 0 Calves at sighting
Fair	0	2	2	08 10:19:00 S 17:19-GMT Er Gray whale (northbound) Position: 156° / 2,553 m Dir: West; Behavior: Slow travel • Fluke Total 2 — 0 Calves at sighting
Fair	0	2	2	09 10:28:00 SV 17:28-GMT Private Position: 124° / 2,553 m Dir: West 1 vessel
Fair	0	2	2	10 10:45:00 SV 17:45-GMT Sportfish-private Grey Light Position: 197° / 1,369 m Dir: East 1 vessel
Fair	0	2	2	11 10:48:00 SV 17:48-GMT Oil services Position: 280° / 3,288 m Dir: South 1 vessel
Fair	0	2	2	12 10:53:00 SV 17:53-GMT Sailboat (motor) Position: 134° / 1,778 m Dir: West 1 vessel
Fair	0	2	2	13 11:05:00 SC 18:05-GMT Tt Bottlenose dolphin Position: 201° / 247 m Dir: West; Behavior: not indicated Total 2 — 0 Calves at sighting
Fair	65	1	3	14 11:26:00 SV 18:26-GMT Sportfish-private Position: 112° / 2,094 m Dir: West 1 vessel
Fair	65	1	3	15 11:44:00 SV 18:44-GMT Oil services Position: 270° / 3,288 m Dir: South 1 vessel
Fair	65	1	3	16 11:47:00 S 18:47-GMT Er Gray whale (northbound) Position: 159° / 1,113 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Fair	65	1	3	17 11:47:00 S 18:47-GMT Er Gray whale (northbound) Position: 154° / 2,872 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	80	1	3	18 12:53:00 SC 19:53-GMT Tt Bottlenose dolphin Position: 132° / 346 m Dir: East; Behavior: Slow travel • Milling Total 3 — 0 Calves at sighting
Good	80	1	3	19 12:54:00 SC 19:54-GMT Tt Bottlenose dolphin Position: 164° / 404 m Dir: West; Behavior: not indicated Total 3 — 0 Calves at sighting
Good	25	2	3	20 13:02:00 SV 20:02-GMT Helicopter Position: 184° / 0 m Dir: East 1 vessel
Good	25	2	3	21 13:25:00 S 20:25-GMT Er Gray whale (northbound) Position: 146° / 2,872 m Dir: West; Behavior: Slow travel • Fluke Total 3 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	5	1 3	22 13:53:00 SV 20:53-GMT Oil services Position: 291° / 3,288 m Dir: North	1 vessel
Good	5	1 3	23 14:29:00 S 21:29-GMT Er Gray whale (northbound) Position: 161° / 3,288 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	5	1 3	24 14:35:00 SV 21:35-GMT Kelp harvester Ocean Rose Position: 259° / 2,553 m Dir: East	1 vessel
Good	5	1 3	25 14:46:00 SC 21:46-GMT Tt Bottlenose dolphin Position: 170° / 1,778 m Dir: nd; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	5	1 3	26 14:48:00 SC 21:48-GMT ULW unidentified large whale Position: 169° / 4,712 m Dir: ni; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	5	1 3	27 14:50:00 SV 21:50-GMT Oil services Position: 269° / 2,553 m Dir: South	1 vessel
Good	5	1 3	28 14:58:00 SC 21:58-GMT Mn Humpback whale Position: 201° / 4,712 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Good	5	1 5	29 15:18:00 SV 22:18-GMT Fish-commercial Stardust Position: 260° / 761 m Dir: East	1 vessel
Good	5	1 5	30 15:32:00 SV 22:32-GMT Private Position: 114° / 1,369 m Dir: West	1 vessel
Good	5	0 4	31 16:05:00 SV 23:05-GMT Fish-trap-commercial Position: 224° / 1,019 m Dir: East	1 vessel
Good	5	0 4	32 16:51:00 SV 23:51-GMT Oil services Position: 281° / 2,553 m Dir: South	1 vessel

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	CCvr	Blf	Vs	Number	Time Code	Species / Vessel Type	
Fair	0	0	3	01	8:53:00 PDT S	15:53-GMT Er Gray whale (northbound) Position: 140° / 1,778 m Dir: West; Behavior: Slow travel • Fluke	Total 4 — 0 Calves at sighting
Fair	0	0	3	02	8:56:00 PDT S	15:56-GMT Er Gray whale (northbound) Position: 142° / 2,872 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting
Fair	0	0	3	03	9:01:00 PDT SV	16:01-GMT Sportfish-private Position: 144° / 2,872 m Dir: West	1 vessel
Fair	0	0	3	04	9:12:00 PDT SO	16:12-GMT El Southern Sea otter Position: 248° / 310 m Dir: ni; Behavior: in kelp • on back, feeding	Total 1 — 0 Pups at sighting
Fair	0	0	3	05	9:19:00 PDT SV	16:19-GMT Sportfish-private Position: 154° / 2,094 m Dir: West	1 vessel
Fair	0	0	3	06	9:35:00 PDT SV	16:35-GMT Sportfish-private Position: 134° / 2,553 m Dir: West	1 vessel
Fair	0	0	3	07	9:35:00 PDT SV	16:35-GMT Sportfish-private Position: 130° / 2,094 m Dir: West	1 vessel

2008 All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type	
Fair	0 0 3	08 9:42:00 PDT SO	16:42-GMT El Southern Sea otter Position: 113° / 761 m Dir: East; Behavior: in kelp • Swimming Total 2 — 0 Pups at sighting
Good	0 1 3	09 9:42:00 PDT S	16:42-GMT Er Gray whale (northbound) Position: 122° / 3,288 m Dir: West; Behavior: Slow travel • Fluke Total 2 — 0 Calves at sighting
Fair	0 0 3	10 10:05:00 S	17:05-GMT Er Gray whale (northbound) Position: 139° / 2,094 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	0 0 3	11 10:46:00 S	17:46-GMT Er Gray whale (northbound) Position: 166° / 2,872 m Dir: West; Behavior: Slow travel • Rolling Total 2 — 0 Calves at sighting
Fair	0 0 3	12 11:28:00 SV	18:28-GMT Sportfish-private Position: 149° / 1,019 m Dir: East 1 vessel
Good	0 2 3	13 11:29:00 S	18:29-GMT Er Gray whale (northbound) Position: 134° / 2,094 m Dir: West; Behavior: Slow travel • Fluke Total 3 — 0 Calves at sighting
Good	0 2 3	14 11:59:00 SV	18:59-GMT Sportfish-private Position: 111° / 1,778 m Dir: West 1 vessel
Good	0 2 3	15 12:06:00 S	19:06-GMT Er Gray whale (northbound) Position: 149° / 2,553 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	0 2 4	16 12:33:00 S	19:33-GMT Er Gray whale (northbound) Position: 146° / 2,553 m Dir: West; Behavior: Slow travel • Fluke Total 2 — 0 Calves at sighting
Good	0 2 4	17 13:00:00 S	20:00-GMT Er Gray whale (northbound) Position: 128° / 3,288 m Dir: West; Behavior: Slow travel • Fluke Total 3 — 0 Calves at sighting
Good	0 2 4	18 13:00:00 SV	20:00-GMT Oil services Position: 239° / 3,288 m Dir: South 1 vessel
Good	0 2 4	19 13:30:00 S	20:30-GMT Er Gray whale (northbound) Position: 224° / 675 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	0 2 4	20 13:44:00 SV	20:44-GMT Sportfish-private Position: 264° / 2,094 m Dir: East 1 vessel
Good	0 3 3	21 14:03:00 SV	21:03-GMT Fish-trap-commercial Position: 114° / 2,553 m Dir: West 1 vessel
Good	0 3 3	22 14:11:00 S	21:11-GMT Er Gray whale (northbound) Position: 153° / 2,553 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	0 3 3	23 14:24:00 S	21:24-GMT Er Gray whale (northbound) Position: 187° / 1,546 m Dir: West; Behavior: not indicated Total 1 — 0 Calves at sighting
Good	0 3 3	24 14:29:00 SV	21:29-GMT Private Position: 119° / 2,094 m Dir: West 1 vessel
Good	0 3 3	25 14:30:00 S	21:30-GMT Er Gray whale (northbound) Position: 187° / 551 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	0 3 3	26 14:42:00 SV	21:42-GMT Sportfish-private Position: 244° / 871 m Dir: East 1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	3	4	
	27	15:05:00 S	22:05-GMT Er Gray whale (northbound) Position: 122° / 4,712 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	0	2	3	
	28	15:59:00 S	22:59-GMT Er Gray whale (northbound) Position: 120° / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	0	2	3	
	29	16:02:00 S	23:02-GMT Er Gray whale (northbound) Position: 209° / 551 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	0	2	3	
	30	16:06:00 S	23:06-GMT Er Gray whale (northbound) Position: 120° / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	0	2	3	
	31	16:20:00 S	23:20-GMT Er Gray whale (northbound) Position: 220° / 1,546 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	0	2	3	
	32	16:34:00 S	23:34-GMT Er Gray whale (northbound) Position: 137° / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	0	2	3	
	33	16:36:00 SV	23:36-GMT Sailboat (motor) Position: 143° / 2,553 m Dir: East	1 vessel
Good	0	2	3	
	34	16:57:00 SV	23:57-GMT Dive-commercial Apollo Position: 241° / 1,778 m Dir: East	1 vessel

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	CCvr	Bft	Vis	
Fair	0	1	2	
	01	9:06:00 PDT SO	16:06-GMT El Southern Sea otter Position: 150° / 578 m Dir: Stationary; Behavior: with gull(s) • in open water • on back, feeding	Total 1 — 0 Pups at sighting
Fair	0	1	2	
	02	9:24:00 PDT SO	16:24-GMT El Southern Sea otter Position: 144° / 578 m Dir: Stationary; Behavior: with gull(s) • in open water • on back, feeding	Total 1 — 0 Pups at sighting
Fair	0	1	2	
	03	9:24:00 PDT SO	16:24-GMT El Southern Sea otter Position: 144° / 288 m Dir: Stationary; Behavior: in surf zone • on back, feeding	Total 1 — 0 Pups at sighting
Fair	0	1	2	
	04	9:34:00 PDT S	16:34-GMT Er Gray whale (northbound) Position: 144° / 840 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0	0	2	
	05	10:22:00 S	17:22-GMT Er Gray whale (northbound) Position: 161° / 1,019 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0	0	2	
	06	11:05:00 SC	18:05-GMT Tt Bottlenose dolphin Position: 234° / 404 m Dir: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Fair	0	0	3	
	07	11:07:00 S	18:07-GMT Er Gray whale (northbound) Position: 133° / 2,094 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0	0	3	
	08	12:47:00 SC	19:47-GMT Tt Bottlenose dolphin Position: 111° / 1,369 m Dir: South; Behavior: Slow travel • Milling	Total 4 — 0 Calves at sighting
Good	0	2	3	
	09	13:41:00 S	20:41-GMT Er Gray whale (northbound) Position: 164° / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	0	2	3	
	10	14:11:00 S	21:11-GMT Er Gray whale (northbound) Position: 127° / 1,019 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	2	3	11 14:31:00 S Er Gray whale (northbound) Position: 144° / 1,369 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	0	2	3	12 15:12:00 S Er Gray whale (northbound) Position: 246° / 2,553 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Good	0	1	3	13 15:45:00 S Er Gray whale (northbound) Position: 214° / 639 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	0	1	3	14 15:59:00 SC Tt Bottlenose dolphin Position: 105° / 1,369 m Dir: Stationary; Behavior: Slow travel • Milling Total 3 — 0 Calves at sighting
Fair	0	1	2	15 16:00:00 SC Tt Bottlenose dolphin Position: 159° / 356 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	0	1	2	16 16:19:00 S Er Gray whale (northbound) Position: 96° / 2,872 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
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	CCvr	Bft	Vis	
Poor	0	1	2	01 9:00:00 PDT S Er Gray whale (northbound) Position: 144° / 2,553 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	0	1	2	02 9:11:00 PDT S Er Gray whale (northbound) Position: 124° / 2,094 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Poor	0	1	2	03 9:20:00 PDT SO El Southern Sea otter Position: 166° / 607 m Dir: Stationary; Behavior: on back, feeding • in open water Total 1 — 0 Pups at sighting
Poor	0	1	2	04 9:37:00 PDT SO El Southern Sea otter Position: 117° / 607 m Dir: East; Behavior: Swimming • in kelp Total 2 — 0 Pups at sighting
Poor	0	1	2	05 9:38:00 PDT SO El Southern Sea otter Position: 235° / 288 m Dir: Stationary; Behavior: Diving • in open water Total 1 — 0 Pups at sighting
Poor	0	1	2	06 9:40:00 PDT SO El Southern Sea otter Position: 214° / 390 m Dir: Stationary; Behavior: on back, feeding • with gull(s) Total 1 — 0 Pups at sighting
Poor	0	1	2	07 9:48:00 PDT S Er Gray whale (northbound) Position: 125° / 2,094 m Dir: West; Behavior: Slow travel Total 4 — 0 Calves at sighting
Poor	0	1	2	08 10:01:00 SC Tt Bottlenose dolphin Position: 150° / 527 m Dir: West; Behavior: Slow travel Total 11 — 0 Calves at sighting
Poor	0	2	2	09 10:28:00 S Er Gray whale (northbound) Position: 118° / 2,094 m Dir: West; Behavior: not indicated Total 2 — 0 Calves at sighting
Poor	0	2	2	10 10:32:00 SC Tt Bottlenose dolphin Position: 152° / 761 m Dir: West; Behavior: Slow travel Total 5 — 0 Calves at sighting
Poor	0	2	2	11 10:37:00 S Er Gray whale (northbound) Position: 120° / 2,553 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	0	2	3	12 11:07:00 S Er Gray whale (northbound) Position: 134° / 1,546 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	3	3	13 11:46:00 S 18:46-GMT Er Gray whale (northbound) Position: 123° / 1,228 m Dir: West; Behavior: Slow travel • Fluke Total 1 — 0 Calves at sighting
Poor	0	3	2	14 11:48:00 S 18:48-GMT Er Gray whale (northbound) Position: 115° / 2,872 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	0	1	2	15 11:54:00 S 18:54-GMT Er Gray whale (northbound) Position: 114° / 3,288 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Poor	0	1	2	16 12:51:00 S 19:51-GMT Er Gray whale (northbound) Position: 165° / 2,094 m Dir: West; Behavior: Slow travel • Fluke Total 2 — 0 Calves at sighting
Poor	0	1	2	17 13:14:00 S 20:14-GMT Er Gray whale (northbound) Position: 154° / 551 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Poor	0	1	2	18 14:10:00 SC 21:10-GMT Tt Bottlenose dolphin Position: 206° / 505 m Dir: Stationary; Behavior: Milling Total 4 — 0 Calves at sighting
Fair	0	2	3	18 14:12:00 SC 21:12-GMT Tt Bottlenose dolphin Position: 154° / 390 m Dir: Stationary; Behavior: Milling Total 5 — 0 Calves at sighting
Fair	0	2	3	20 14:21:00 S 21:21-GMT Er Gray whale (northbound) Position: 244° / 3,288 m Dir: West; Behavior: Slow travel • Fluke Total 2 — 0 Calves at sighting
Good	0	2	3	21 14:45:00 SC 21:45-GMT Tt Bottlenose dolphin Position: 150° / 578 m Dir: South; Behavior: Slow travel Total 7 — 0 Calves at sighting
Good	0	1	3	22 15:33:00 SC 22:33-GMT Tt Bottlenose dolphin Position: 149° / 390 m Dir: West; Behavior: Slow travel Total 5 — 0 Calves at sighting
Good	0	1	3	23 16:14:00 S 23:14-GMT Er Gray whale (northbound) Position: 219° / 2,094 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
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	CCvr	Blf	Vrs	
Poor	0	3	2	01 9:04:00 PDT SO 16:04-GMT El Southern Sea otter Position: 124° / 527 m Dir: Stationary; Behavior: Interacting • on back, feeding • in kelp Total 4 — 0 Pups at sighting
Poor	0	3	2	02 9:12:00 PDT SO 16:12-GMT El Southern Sea otter Position: 197° / 551 m Dir: Stationary; Behavior: on back, feeding • in open water Total 1 — 0 Pups at sighting
Poor	0	3	2	03 9:13:00 PDT SO 16:13-GMT El Southern Sea otter Position: 174° / 639 m Dir: Stationary; Behavior: on back, feeding • in open water Total 1 — 0 Pups at sighting
Poor	0	3	2	04 9:22:00 PDT SC 16:22-GMT ULW unidentified large whale Position: 151° / 3,288 m Dir: nd; Behavior: not indicated Total 2 — 0 Calves at sighting
Poor	0	3	2	05 10:24:00 S 17:24-GMT Er Gray whale (northbound) Position: 96° / 3,288 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Poor	0	3	2	06 10:35:00 S 17:35-GMT Er Gray whale (northbound) Position: 115° / 2,553 m Dir: West; Behavior: Slow travel Total 4 — 0 Calves at sighting
Poor	0	3	2	07 10:36:00 S 17:36-GMT Er Gray whale (northbound) Position: 102° / 2,872 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	0 3 2	08 11:11:00 S	18:11-GMT Er Gray whale (northbound) Position: 144° / 1,369 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	0 3 2	09 11:39:00 SO	18:39-GMT El Southern Sea otter Position: 117° / 527 m Dir: Stationary	Total 3 — 0 Pups at sighting
Poor	0 2 2	10 11:42:00 S	18:42-GMT Er Gray whale (northbound) Position: 130° / 1,294 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0 2 3	11 12:30:00 S	19:30-GMT Er Gray whale (northbound) Position: 110° / 2,094 m Dir: West; Behavior: not indicated	Total 3 — 0 Calves at sighting
Fair	0 2 3	12 12:34:00 S	19:34-GMT Er Gray whale (northbound) Position: 124° / 2,094 m Dir: West; Behavior: not indicated	Total 2 — 0 Calves at sighting
Fair	0 2 3	13 12:37:00 S	19:37-GMT Er Gray whale (northbound) Position: 117° / 2,094 m Dir: West; Behavior: not indicated	Total 3 — 0 Calves at sighting
Fair	0 3 3	14 13:08:00 SV	20:08-GMT Fish-trap-commercial Position: 154° / 871 m Dir: North	1 vessel
Fair	0 3 3	15 13:39:00 S	20:39-GMT Er Gray whale (northbound) Position: 165° / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	0 3 4	16 13:59:00 SC	20:59-GMT Tt Bottlenose dolphin Position: 111° / 871 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	0 3 4	17 14:03:00 S	21:03-GMT Er Gray whale (northbound) Position: 104° / 2,872 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	25 2 4	18 15:15:00 SC	22:15-GMT ULW unidentified large whale Position: 150° / 4,712 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	25 2 4	19 15:39:00 S	22:39-GMT Er Gray whale (northbound) Position: 111° / 2,872 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	25 2 4	20 15:56:00 S	22:56-GMT Er Gray whale (northbound) Position: 147° / 2,872 m Dir: West; Behavior: not indicated	Total 3 — 0 Calves at sighting
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	CCvr	Bft	Vis	
Fair	0	0	3	01 9:01:00 PDT S 16:01-GMT Er Gray whale (northbound) Position: 121° / 3,288 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	0	0	3	02 9:01:00 PDT SC 16:01-GMT Tt Bottlenose dolphin Position: 125° / 378 m Dir: Stationary; Behavior: Milling Total 1 — 0 Calves at sighting
Fair	0	0	3	03 9:02:00 PDT SO 16:02-GMT El Southern Sea otter Position: 121° / 551 m Dir: Stationary; Behavior: in kelp Total 12 — 0 Pups at sighting
Fair	0	0	3	04 9:06:00 PDT SO 16:06-GMT El Southern Sea otter Position: 236° / 100 m Dir: Stationary; Behavior: in surf zone Total 1 — 0 Pups at sighting
Fair	0	0	3	05 9:17:00 PDT SO 16:17-GMT El Southern Sea otter Position: 248° / 485 m Dir: Stationary; Behavior: in kelp • with gull(s) • on back, feeding Total 1 — 0 Pups at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	0	3	06 9:18:00 PDT SO 16:18-GMT El Southern Sea otter Position: 169° / 715 m Dir: Stationary; Behavior: in open water • with gull(s) • on back, feeding Total 1 — 0 Pups at sighting
Fair	0	1	3	07 10:07:00 S 17:07-GMT Er Gray whale (northbound) Position: 133° / 1,019 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Fair	0	2	3	08 10:28:00 S 17:28-GMT Er Gray whale (northbound) Position: 107° / 2,553 m Dir: West; Behavior: Slow travel • Fluke Total 1 — 0 Calves at sighting
Fair	0	1	3	09 10:56:00 S 17:56-GMT Er Gray whale (northbound) Position: 105° / 3,288 m Dir: West; Behavior: not indicated Total 3 — 0 Calves at sighting
Fair	0	1	3	10 11:02:00 S 18:02-GMT Er Gray whale (northbound) Position: 127° / 1,369 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Fair	0	1	3	11 11:05:00 S 18:05-GMT Er Gray whale (northbound) Position: 147° / 2,553 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Fair	0	1	3	12 11:19:00 SC 18:19-GMT Tt Bottlenose dolphin Position: 194° / 356 m Dir: West; Behavior: not indicated Total 2 — 0 Calves at sighting
Fair	0	1	3	13 11:43:00 S 18:43-GMT Er Gray whale (northbound) Position: 173° / 1,019 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Good	0	1	3	14 12:43:00 S 19:43-GMT Er Gray whale (northbound) Position: 138° / 1,294 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	0	3	3	15 13:08:00 S 20:08-GMT Er Gray whale (northbound) Position: 154° / 675 m Dir: West; Behavior: Slow travel • Breach • Fluke Total 3 — 0 Calves at sighting

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	CCvr	Bft	Vis	Number	Time Code	Species / Vessel Type	
Fair	0	3	3	01	8:52:00 PDT S	15:52-GMT Er Gray whale (northbound) Position: 138° / 3,288 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0	3	3	02	9:01:00 PDT S	16:01-GMT Er Gray whale (northbound) Position: 122° / 2,553 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	0	3	3	03	9:02:00 PDT S	16:02-GMT Er Gray whale (northbound) Position: 127° / 551 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0	3	3	04	9:02:00 PDT SC	16:02-GMT Mn Humpback whale Position: 148° / 4,712 m Dir: nd; Behavior: not indicated	Total 2 — 0 Calves at sighting
Fair	0	3	3	05	9:18:00 PDT S	16:18-GMT Er Gray whale (northbound) Position: 181° / 378 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0	4	3	06	9:56:00 PDT S	16:56-GMT Er Gray whale (northbound) Position: 141° / 2,094 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0	4	3	07	10:34:00 SO	17:34-GMT El Southern Sea otter Position: 97° / 527 m Dir: Stationary; Behavior: in kelp • on back, feeding • with gull(s)	Total 1 — 0 Pups at sighting
Fair	0	4	3	08	10:37:00 S	17:37-GMT Er Gray whale (northbound) Position: 144° / 1,369 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type	
Fair 0 4 3	09 10:37:00 SO	17:37-GMT El Southern Sea otter Position: 145° / 466 m Dir: Stationary; Behavior: with gull(s) • on back, feeding	Total 1 — 0 Pups at sighting
Fair 0 4 3	10 10:37:00 S	17:37-GMT Er Gray whale (northbound) Position: 148° / 3,288 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 0 4 3	11 11:07:00 S	18:07-GMT Er Gray whale (northbound) Position: 215° / 378 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 0 4 3	12 11:13:00 SO	18:13-GMT El Southern Sea otter Position: 281° / 485 m Dir: Stationary; Behavior: with gull(s) • in surf zone • on back, feeding	Total 1 — 0 Pups at sighting
Fair 0 4 3	13 11:30:00 S	18:30-GMT Er Gray whale (northbound) Position: 119° / 1,546 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 0 4 3	14 11:36:00 S	18:36-GMT Er Gray whale (northbound) Position: 239° / 939 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 0 4 3	15 11:38:00 S	18:38-GMT Er Gray whale (northbound) Position: 137° / 4,712 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 0 4 3	16 11:45:00 S	18:45-GMT Er Gray whale (northbound) Position: 127° / 1,019 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair 0 4 3	17 11:48:00 SV	18:48-GMT Fish-trap-commercial March Gale Position: 154° / 761 m Dir: East	1 vessel
Poor 0 5 3	Off-Effort 18 11:56:00 SC	18:56-GMT Tt Bottlenose dolphin Position: 224° / 327 m Dir: East; Behavior: Fast travel	Total 5 — 0 Calves at sighting
Fair 0 5 3	Off-Effort 19 12:27:00 SC	19:27-GMT ULW unidentified large whale Position: 109° / 1,546 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

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CCvr	Bft	Vis	Number	Time Code	Species / Vessel Type	
Poor	0	2	2	01 8:50:00 PDT S	15:50-GMT Er Gray whale (northbound) Position: 124° / 433 m Dir: West; Behavior: Slow travel • Rolling	Total 2 — 0 Calves at sighting
Poor	0	2	2	02 9:13:00 PDT S	16:13-GMT Er Gray whale (northbound) Position: 146° / 1,228 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0	1	3	03 9:29:00 PDT S	16:29-GMT Er Gray whale (northbound) Position: 137° / 2,094 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0	1	3	04 9:30:00 PDT S	16:30-GMT Er Gray whale (northbound) Position: 127° / 1,546 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0	1	3	05 9:53:00 PDT S	16:53-GMT Er Gray whale (northbound) Position: 140° / 505 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	0	1	3	06 10:12:00 S	17:12-GMT Er Gray whale (northbound) Position: 136° / 1,369 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0	2	3	07 10:35:00 S	17:35-GMT Er Gray whale (northbound) Position: 138° / 1,019 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	2	3	08 10:57:00 SO 17:57-GMT El Southern Sea otter Position: 112° / 1,019 m Dir: Stationary; Behavior: in kelp • Interacting • on back, resting Total 7 — 0 Pups at sighting
Fair	0	1	3	09 11:11:00 SO 18:11-GMT El Southern Sea otter Position: 109° / 607 m Dir: Stationary; Behavior: on back, resting • in kelp Total 2 — 0 Pups at sighting
Fair	0	1	3	10 11:23:00 S 18:23-GMT Er Gray whale (northbound) Position: 168° / 2,553 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	0	1	3	11 11:51:00 SC 18:51-GMT ULW unidentified large whale Position: 234° / 4,712 m Dir: West; Behavior: not indicated Total 3 — 0 Calves at sighting
Fair	0	1	3	12 12:21:00 S 19:21-GMT Er Gray whale (northbound) Position: 120° / 1,369 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	0	1	5	13 12:48:00 S 19:48-GMT Er Gray whale (northbound) Position: 128° / 607 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	0	1	5	14 13:00:00 SC 20:00-GMT ULW unidentified large whale Position: 187° / 3,288 m Dir: nd; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	0	1	5	15 13:39:00 S 20:39-GMT Er Gray whale (northbound) Position: 131° / 1,546 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Good	0	3	4	16 14:14:00 SO 21:14-GMT El Southern Sea otter Position: 119° / 551 m Dir: Stationary; Behavior: in kelp • on back, resting Total 11 — 0 Pups at sighting
Good	0	3	4	17 14:24:00 SO 21:24-GMT El Southern Sea otter Position: 161° / 505 m Dir: Stationary; Behavior: with gull(s) • in open water • on back, resting Total 1 — 0 Pups at sighting
Mar 29 Day 62 of 105				
	CCvr	Bft	Vis	
Fair	0	2	3	01 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 117° / 578 m Dir: Stationary; Behavior: in kelp • with gull(s) Total 2 — 0 Pups at sighting
Fair	0	2	3	02 9:03:00 PDT SO 16:03-GMT El Southern Sea otter Position: 258° / 404 m Dir: Stationary; Behavior: with gull(s) • in open water Total 1 — 0 Pups at sighting
Fair	0	2	4	03 9:23:00 PDT SO 16:23-GMT El Southern Sea otter Position: 145° / 404 m Dir: Stationary; Behavior: with gull(s) • in open water • Diving Total 1 — 0 Pups at sighting
Fair	0	2	4	04 9:49:00 PDT S 16:49-GMT Er Gray whale (northbound) Position: 127° / 1,778 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	0	2	4	05 10:14:00 SO 17:14-GMT El Southern Sea otter Position: 120° / 639 m Dir: Stationary; Behavior: in kelp • Interacting • on back, resting Total 4 — 0 Pups at sighting
Fair	0	2	4	06 11:21:00 S 18:21-GMT Er Gray whale (northbound) Position: 109° / 4,712 m Dir: West; Behavior: Slow travel Total 5 — 0 Calves at sighting
Good	0	3	5	07 12:09:00 S 19:09-GMT Er Gray whale (northbound) Position: 143° / 1,113 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	0	3	5	08 12:21:00 S 19:21-GMT Er Gray whale (northbound) Position: 134° / 1,019 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	3	5	09 13:20:00 S
			20:20-GMT Er Gray whale (northbound) Position: 107° / 2,094 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	85	3	5	10 13:31:00 S
			20:31-GMT Er Gray whale (northbound) Position: 232° / 639 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	85	4	4	11 13:53:00 SO
			20:53-GMT El Southern Sea otter Position: 119° / 551 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 10 — 0 Pups at sighting
Fair	10	4	4	12 14:47:00 SV
			21:47-GMT Dive-commercial Position: 118° / 578 m Dir: West	1 vessel
Fair	25	4	4	13 14:51:00 S
			21:51-GMT Er Gray whale (northbound) Position: 168° / 607 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Mar 30 Day 63 of 105				
	CCvr	Bft	Vis	
Poor	15	3	2	01 8:50:00 PDT S
			15:50-GMT Er Gray whale (northbound) Position: 123° / 1,228 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	15	3	2	02 8:54:00 PDT SO
			15:54-GMT El Southern Sea otter Position: 116° / 527 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 11 — 0 Pups at sighting
Poor	15	3	2	03 9:36:00 PDT S
			16:36-GMT Er Gray whale (northbound) Position: 121° / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Mar 31 Day 64 of 105				
	CCvr	Bft	Vis	
Fair	30	0	3	01 9:00:00 PDT SO
			16:00-GMT El Southern Sea otter Position: 118° / 675 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 5 — 0 Pups at sighting
Fair	30	0	3	02 9:00:00 PDT SO
			16:00-GMT El Southern Sea otter Position: 114° / 1,113 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 10 — 0 Pups at sighting
Fair	30	0	3	03 9:00:00 PDT SO
			16:00-GMT El Southern Sea otter Position: 113° / 1,019 m Dir: Stationary; Behavior: on back, feeding • in kelp • with gull(s)	Total 1 — 0 Pups at sighting
Fair	30	1	3	04 10:20:00 SO
			17:20-GMT El Southern Sea otter Position: 155° / 527 m Dir: Stationary; Behavior: on back, feeding • in open water • with gull(s)	Total 1 — 0 Pups at sighting
Fair	30	1	3	05 10:38:00 S
			17:38-GMT Er Gray whale (northbound) Position: 132° / 2,872 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	30	2	3	06 11:46:00 S
			18:46-GMT Er Gray whale (northbound) Position: 108° / 2,872 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	30	3	3	07 12:04:00 S
			19:04-GMT Er Gray whale (northbound) Position: 204° / 1,113 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	20	3	3	08 12:06:00 S
			19:06-GMT Er Gray whale (northbound) Position: 141° / 2,094 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	20	3	3	09 12:32:00 S
			19:32-GMT Er Gray whale (northbound) Position: 169° / 3,288 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	20	3	3	10 12:47:00 S
			19:47-GMT Er Gray whale (northbound) Position: 170° / 1,778 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	20	4 3	11 13:26:00 SV 20:26-GMT Dive-research Position: 236° / 639 m Dir: East	1 vessel
Fair	20	4 3	12 13:42:00 SV 20:42-GMT Fish-trap-commercial Provider Position: 250° / 1,778 m Dir: East	1 vessel
Fair	20	3 3	13 13:56:00 S 20:56-GMT Er Gray whale (northbound) Position: 121° / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	20	3 4	14 14:49:00 S 21:49-GMT Er Gray whale (northbound) Position: 148° / 1,369 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	20	3 4	15 15:10:00 SC 22:10-GMT Tt Bottlenose dolphin Position: 275° / 485 m Dir: West; Behavior: Slow travel • Milling	Total 2 — 0 Calves at sighting
Good	20	3 4	16 15:14:00 S 22:14-GMT Er Gray whale (northbound) Position: 115° / 3,288 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	20	3 4	17 15:21:00 SV 22:21-GMT Sportfish-private Position: 274° / 871 m Dir: East	1 vessel
Good	20	3 4	18 15:54:00 S 22:54-GMT Er Gray whale (northbound) Position: 184° / 505 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	20	3 4	19 16:13:00 SV 23:13-GMT Fish-trap-commercial Position: 271° / 1,294 m Dir: East	1 vessel
			20 16:29:00 SC 23:29-GMT D sp Common dolphin, species not Position: 192° / 2,553 m Dir: West; Behavior: Fast travel	Total 300 — 0 Calves at sighting
			21 16:57:00 SV 23:57-GMT Sportfish-commercial Position: 262° / 3,288 m Dir: East	1 vessel

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	CCvr	Blf	Vs		
Fair	20	0	3	01 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 171° / 623 m Dir: Stationary; Behavior: with gull(s) • in open water • on back, feeding	Total 1 — 0 Pups at sighting
Fair	20	0	3	02 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 160° / 623 m Dir: Stationary; Behavior: not indicated	Total 2 — 0 Pups at sighting
Fair	20	0	3	03 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 137° / 551 m Dir: Stationary; Behavior: with gull(s) • in open water	Total 1 — 0 Pups at sighting
Fair	20	0	3	04 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 134° / 327 m Dir: Stationary; Behavior: in open water • Diving	Total 1 — 0 Pups at sighting
Fair	20	0	3	05 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 114° / 715 m Dir: Stationary; Behavior: on back, resting	Total 11 — 0 Pups at sighting
Fair	20	0	3	06 9:01:00 PDT SV 16:01-GMT Fish-commercial Position: 174° / 2,553 m Dir: West	1 vessel
Fair	20	0	3	07 9:12:00 PDT SV 16:12-GMT Fish-trap-commercial Position: 184° / 3,288 m Dir: West	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	20	0	3	08 9:47:00 PDT SV 16:47-GMT Sailboat (motor) Position: 108° / 2,553 m Dir: West 1 vessel
Fair	20	1	3	09 10:03:00 SV 17:03-GMT Sportfish-private Position: 234° / 449 m Dir: East 1 vessel
Fair	20	1	3	10 10:11:00 S 17:11-GMT Er Gray whale (northbound) Position: 102° / 3,288 m Dir: West; Behavior: Slow travel • Fluke Total 5 — 0 Calves at sighting
Fair	20	1	3	11 10:17:00 SV 17:17-GMT Private Position: 138° / 2,553 m Dir: West 1 vessel
Fair	20	1	3	12 10:49:00 SV 17:49-GMT Sailboat (motor) Hula Girl Position: 114° / 2,553 m Dir: West 1 vessel
Fair	20	1	3	13 10:50:00 SV 17:50-GMT Oil services Position: 251° / 2,553 m Dir: South 1 vessel
Fair	20	1	3	14 10:56:00 SV 17:56-GMT Helicopter Position: 179° / 800 m Dir: West 1 vessel
Fair	20	1	3	15 11:08:00 S 18:08-GMT Er Gray whale (northbound) Position: 114° / 2,094 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	20	2	3	16 11:15:00 SV 18:15-GMT Research vessel Position: 144° / 2,553 m Dir: West 1 vessel
Fair	20	2	3	17 11:35:00 SV 18:35-GMT Private Position: 224° / 2,553 m Dir: East 1 vessel
Fair	20	2	3	18 11:45:00 S 18:45-GMT Er Gray whale (northbound) Position: 117° / 2,872 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	20	2	4	19 12:16:00 SC 19:16-GMT ULW unidentified large whale Position: 185° / 4,712 m Dir: nd; Behavior: not indicated Total 3 — 0 Calves at sighting
Good	20	2	4	20 12:24:00 SC 19:24-GMT ULW unidentified large whale Position: 249° / 4,712 m Dir: nd; Behavior: not indicated Total 1 — 0 Calves at sighting
Good	20	2	4	21 12:43:00 SV 19:43-GMT Kelp harvester Ocean Rose Position: 216° / 1,546 m Dir: East 1 vessel
Good	20	2	4	22 12:48:00 SV 19:48-GMT Helicopter SBOP Position: 164° / 300 m Dir: West 1 vessel
Good	0	3	4	23 13:11:00 SV 20:11-GMT Sportfish-private Position: 238° / 466 m Dir: East 1 vessel
Good	0	3	4	24 13:15:00 SV 20:15-GMT Helicopter SBOP Position: 164° / 500 m Dir: West 1 vessel
Good	0	3	4	25 13:23:00 S 20:23-GMT Er Gray whale (northbound) Position: 196° / 3,288 m Dir: West; Behavior: Slow travel • Fluke Total 2 — 0 Calves at sighting
Good	0	3	4	26 13:41:00 S 20:41-GMT Er Gray whale (northbound) Position: 150° / 871 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	3	4	27 13:55:00 SV 20:55-GMT Dive-commercial Position: 117° / 1,546 m Dir: West 1 vessel
Good	0	3	4	28 14:02:00 SO 21:02-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 237° / 639 m Dir: Stationary; Behavior: on back, resting • in kelp
Good	0	3	4	29 14:09:00 SC 21:09-GMT ULW unidentified large whale Total 1 — 0 Calves at sighting Position: 172° / m Dir: Stationary; Behavior: Breach • Milling
Good	0	3	5	30 14:39:00 SO 21:39-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 155° / 159 m Dir: Stationary; Behavior: in surf zone • with gull(s) • on back, feeding
Good	0	3	5	31 14:49:00 SV 21:49-GMT Dive-private 1 vessel Position: 185° / 761 m Dir: East
Good	0	3	5	32 14:52:00 SV 21:52-GMT Sportfish-private 1 vessel Position: 224° / 607 m Dir: East
Good	0	3	5	33 14:54:00 SV 21:54-GMT Oil services 1 vessel Position: 240° / 2,553 m Dir: South
Good	0	3	5	34 14:55:00 S 21:55-GMT Er Gray whale (northbound) Total 4 — 0 Calves at sighting Position: 110° / 3,288 m Dir: West; Behavior: Slow travel
Good	0	3	4	35 16:29:00 SC 23:29-GMT Tt Bottlenose dolphin Total 11 — 2 Calves at sighting Position: 124° / 715 m Dir: West; Behavior: Fast travel
Good	0	3	4	36 16:45:00 SC 23:45-GMT Tt Bottlenose dolphin Total 12 — 0 Calves at sighting Position: 140° / 871 m Dir: West; Behavior: Slow travel • Milling

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	CCvr	Bft	Vis	Number	Time Code	Species / Vessel Type	
Fair	85	2	5	01	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Total 15 — 0 Pups at sighting Position: 112° / 1,228 m Dir: Stationary; Behavior: in kelp • Interacting	
Fair	85	2	5	02	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 253° / 485 m Dir: Stationary; Behavior: on back, feeding • in kelp	
Fair	85	2	5	03	9:01:00 PDT SV	16:01-GMT Kelp harvester Ocean Harvest 1 vessel Position: 124° / 812 m Dir: West	
Fair	85	2	5	04	9:56:00 PDT SO	16:56-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 156° / 189 m Dir: Stationary; Behavior: in surf zone • on back, feeding	
Fair	85	2	5	05	9:57:00 PDT SO	16:57-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 143° / 418 m Dir: East; Behavior: with gull(s) • in open water • on back, feeding	
Good	80	1	5	06	10:14:00 SC	17:14-GMT Mn Humpback whale Total 2 — 0 Calves at sighting Position: 163° / 3,288 m Dir: East; Behavior: Milling	
Fair	80	2	5	07	10:18:00 SC	17:18-GMT Tt Bottlenose dolphin Total 3 — 0 Calves at sighting Position: 133° / 367 m Dir: West; Behavior: Slow travel	
Fair	80	2	5	08	10:28:00 S	17:28-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 153° / 715 m Dir: West; Behavior: Slow travel	

2008 All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type	
Fair 80 2 5	09 10:58:00 SV	17:58-GMT Research vessel Position: 254° / 449 m Dir: Stationary	1 vessel
Fair 80 2 5	10 11:19:00 SV	18:19-GMT Oil services Position: 284° / 2,553 m Dir: South	1 vessel
Fair 80 3 5	11 11:21:00 S	18:21-GMT Er Gray whale (northbound) Position: 112° / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair 80 3 5	12 12:12:00 S	19:12-GMT Er Gray whale (northbound) Position: 112° / 1,369 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 80 2 5	13 13:40:00 SO	20:40-GMT El Southern Sea otter Position: 110° / 1,228 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 4 — 0 Pups at sighting
Fair 80 2 5	14 14:06:00 S	21:06-GMT Er Gray whale (northbound) Position: 114° / 1,369 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 80 2 5	15 14:29:00 S	21:29-GMT Er Gray whale (northbound) Position: 114° / 1,369 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 80 2 5	16 14:42:00 SV	21:42-GMT Oil services Position: 269° / 3,288 m Dir: South	1 vessel
Fair 100 2 4	17 15:44:00 S	22:44-GMT Er Gray whale (northbound) Position: 121° / 1,228 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor 100 0 3	18 15:45:00 SV	22:45-GMT Oil services Position: 269° / 3,288 m Dir: South	1 vessel
Poor 100 0 3	19 16:07:00 SP	23:07-GMT Ma Northern Elephant seal Position: 228° / 75 m Dir: Stationary; Behavior: not indicated	Total 1 — 1 Pup at sighting

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CCvr Bft Vis

	11 void PDT	7:-GMT	
Fair 20 2 3	01 8:56:00 PDT S	15:56-GMT Er Gray whale (northbound) Position: 192° / 2,094 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair 20 2 3	02 8:57:00 PDT SV	15:57-GMT Oil services Position: 229° / 3,288 m Dir: East	1 vessel
Fair 20 2 3	03 8:57:00 PDT SV	15:57-GMT Oil services Position: 249° / 3,288 m Dir: North	1 vessel
Fair 20 2 3	04 8:58:00 PDT SO	15:58-GMT El Southern Sea otter Position: 113° / 1,019 m Dir: Stationary; Behavior: on back, resting	Total 24 — 0 Pups at sighting
Fair 20 2 3	05 9:02:00 PDT SO	16:02-GMT El Southern Sea otter Position: 227° / 100 m Dir: East; Behavior: on back, feeding • in surf zone	Total 1 — 0 Pups at sighting
Fair 20 2 3	06 9:05:00 PDT SO	16:05-GMT El Southern Sea otter Position: 127° / 247 m Dir: Stationary	Total 1 — 0 Pups at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	20	2 3	07 9:16:00 PDT SC 16:16-GMT Mn Humpback whale Position: 168° / 4,712 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	0	1 4	08 9:33:00 PDT SO 16:33-GMT El Southern Sea otter Position: 120° / 551 m Dir: Stationary; Behavior: on back, resting • with gull(s)	Total 1 — 0 Pups at sighting
Good	0	1 4	09 9:40:00 PDT SC 16:40-GMT Tt Bottlenose dolphin Position: 253° / 201 m Dir: East; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Excellent	0	1 5	10 9:51:00 PDT S 16:51-GMT Er Gray whale (northbound) Position: 105° / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Excellent	0	1 5	12 10:25:00 SV 17:25-GMT Oil services Position: 283° / 3,288 m Dir: South	1 vessel
Excellent	0	1 5	13 10:45:00 S 17:45-GMT Er Gray whale (northbound) Position: 140° / 871 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Excellent	0	2 5	14 11:48:00 SC 18:48-GMT D sp Common dolphin, species not Position: 179° / 3,288 m Dir: East; Behavior: Fast travel	Total 300 — 0 Calves at sighting
Excellent	0	2 5	15 11:49:00 SC 18:49-GMT Mn Humpback whale Position: 180° / 4,712 m Dir: Stationary; Behavior: Breach	Total 1 — 0 Calves at sighting
Excellent	0	2 5	16 11:58:00 SV 18:58-GMT Kelp harvester Ocean Harvest Position: 91° / 1,546 m Dir: Stationary	1 vessel
Excellent	0	2 5	17 12:12:00 S 19:12-GMT Er Gray whale (northbound) Position: 146° / 551 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Excellent	0	2 5	18 12:40:00 SC 19:40-GMT Lo Pacific White-sided dolphin Position: 212° / 1,778 m Dir: West; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Excellent	0	2 5	19 12:45:00 SC 19:45-GMT Mn Humpback whale Position: 229° / 12,565 m Dir: East; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Excellent	0	1 5	20 13:06:00 SV 20:06-GMT Oil services Mr. Clean Position: 126° / 1,778 m Dir: West	1 vessel
Excellent	0	1 5	21 13:11:00 SV 20:11-GMT Oil services Position: 277° / 2,553 m Dir: South	1 vessel
Excellent	0	1 5	22 13:29:00 SV 20:29-GMT Oil services Position: 136° / 2,553 m Dir: West	1 vessel
Excellent	0	1 5	23 14:15:00 SO 21:15-GMT El Southern Sea otter Position: 113° / 1,019 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 34 — 0 Pups at sighting
Excellent	0	1 5	24 14:22:00 SV 21:22-GMT Fish-trap-commercial Position: 111° / 2,553 m Dir: West	1 vessel
Good	85	2 4	25 14:56:00 S 21:56-GMT Er Gray whale (northbound) Position: 131° / 2,553 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	85	2 4	26 15:16:00 SV 22:16-GMT Research vessel Sheerwater Position: 244° / 2,872 m Dir: East	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	85	2 4	27 15:20:00 SC 22:20-GMT Mn Humpback whale Position: 183° / 3,288 m Dir: West; Behavior: not indicated	Total 6 — 0 Calves at sighting
Good	85	2 4	28 15:36:00 SV 22:36-GMT Oil services Position: 271° / 3,288 m Dir: South	1 vessel
Good	85	2 4	29 15:41:00 S 22:41-GMT Er Gray whale (northbound) Position: 109° / 1,369 m Dir: West; Behavior: not indicated	Total 1 — 0 Calves at sighting
Good	85	3 4	30 16:48:00 SV 23:48-GMT Oil services Position: 271° / 2,872 m Dir: South	1 vessel
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	CCvr	Bft	Vis	
Poor	100	1 1.5	01 10:45:00 SO 17:45-GMT El Southern Sea otter Position: 111° / 1,228 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 27 — 0 Pups at sighting
Poor	100	1 1.5	02 10:48:00 SO 17:48-GMT El Southern Sea otter Position: 251° / 505 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 1 — 0 Pups at sighting
Poor	100	1 1.5	03 10:50:00 SC 17:50-GMT Tt Bottlenose dolphin Position: 133° / 336 m Dir: East; Behavior: Slow travel • Milling	Total 2 — 0 Calves at sighting
Poor	100	1 1.5	04 10:51:00 SC 17:51-GMT Tt Bottlenose dolphin Position: 248° / 378 m Dir: East; Behavior: Slow travel • Milling	Total 8 — 1 Calf at sighting
Poor	100	1 2	05 11:23:00 S 18:23-GMT Er Gray whale (northbound) Position: 201° / 485 m Dir: West; Behavior: not indicated	Total 2 — 1 Calf at sighting
Poor	100	1 2	06 12:18:00 SV 19:18-GMT Kelp harvester Ocean Harvest Position: 101° / 2,094 m Dir: North	1 vessel
Poor	100	1 2	07 12:26:00 SC 19:26-GMT Tt Bottlenose dolphin Position: 131° / 485 m Dir: West; Behavior: Slow travel • Milling	Total 5 — 0 Calves at sighting
Poor	100	1 2	08 12:30:00 SC 19:30-GMT Tt Bottlenose dolphin Position: 105° / 840 m Dir: West; Behavior: Slow travel • Milling	Total 2 — 0 Calves at sighting
Poor	100	1 2	09 13:00:00 SV 20:00-GMT Dive-private Starfish Position: 189° / 247 m Dir: Stationary	1 vessel
Poor	100	1 2	10 13:01:00 SV 20:01-GMT Oil services Position: 233° / 2,872 m Dir: Stationary	1 vessel
Poor	100	1 3	11 13:01:00 SV 20:01-GMT Oil services Position: 235° / 2,872 m Dir: Stationary	1 vessel
Poor	100	1 3	12 13:15:00 SC 20:15-GMT Tt Bottlenose dolphin Position: 130° / 761 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	100	1 3	13 14:00:00 S 21:00-GMT Er Gray whale (northbound) Position: 171° / 466 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	100	1 3	14 14:00:00 SV 21:00-GMT Whale watching Condor Express Position: 168° / 2,553 m Dir: North	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	100	1 3	15 14:29:00 SV 21:29-GMT Oil services Position: 289° / 3,288 m Dir: South	1 vessel
Fair	100	2 3	16 14:58:00 SV 21:58-GMT Sportfish-private Position: 274° / 1,778 m Dir: East	1 vessel
Poor	100	2 2	17 14:58:00 SV 21:58-GMT Dive-research Position: 275° / 2,553 m Dir: East	1 vessel
Poor	100	2 2	18 15:21:00 SV 22:21-GMT Oil services Position: 281° / 3,288 m Dir: South	1 vessel
Poor	100	2 2	19 15:27:00 SC 22:27-GMT Tt Bottlenose dolphin Position: 254° / 433 m Dir: East; Behavior: Slow travel • Milling	Total 6 — 0 Calves at sighting
Poor	100	2 2	20 15:32:00 SC 22:32-GMT Tt Bottlenose dolphin Position: 288° / 639 m Dir: East; Behavior: Slow travel	Total 8 — 0 Calves at sighting
Poor	100	2 2	21 15:41:00 SC 22:41-GMT Tt Bottlenose dolphin Position: 176° / 242 m Dir: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting
Poor	100	2 2	22 16:21:00 S 23:21-GMT Er Gray whale (northbound) Position: 108° / 1,019 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	100	2 2	23 16:45:00 SV 23:45-GMT Oil services Position: 233° / 2,872 m Dir: Stationary	1 vessel
Poor	100	2 2	24 16:52:00 S 23:52-GMT Er Gray whale (northbound) Position: 136° / 495 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

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	CCvr	Bft	Vis	Number	Time Code	Species / Vessel Type	
Good	40	1	4	01	9:10:00 PDT SO	16:10-GMT El Southern Sea otter Position: 252° / 485 m Dir: Stationary; Behavior: on back, feeding	Total 1 — 0 Pups at sighting
Good	40	1	4	02	9:10:00 PDT SO	16:10-GMT El Southern Sea otter Position: 154° / 189 m Dir: Stationary; Behavior: on back, feeding • with gull(s)	Total 1 — 0 Pups at sighting
Good	40	1	4	03	9:10:00 PDT SO	16:10-GMT El Southern Sea otter Position: 106° / 715 m Dir: South; Behavior: Swimming	Total 1 — 0 Pups at sighting
Good	40	1	4	04	9:10:00 PDT SO	16:10-GMT El Southern Sea otter Position: 112° / 1,228 m Dir: Stationary; Behavior: on back, resting • on back, feeding • in kelp	Total 24 — 0 Pups at sighting
Good	40	1	4	05	9:16:00 PDT SV	16:16-GMT Barge/tug Position: 221° / 1,778 m Dir: North	1 vessel
Good	40	1	4	06	9:16:00 PDT SV	16:16-GMT Oil services Position: 234° / 2,872 m Dir: Stationary	1 vessel
Good	40	1	4	07	9:22:00 PDT SV	16:22-GMT Sportfish-private Position: 199° / 1,228 m Dir: East	1 vessel
Good	40	1	4	08	9:49:00 PDT SV	16:49-GMT Fish-trap-commercial Position: 134° / 715 m Dir: West	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	40	1 4	09 9:53:00 PDT SV 16:53-GMT Sailboat Position: 134° / 2,872 m Dir: West	1 vessel
Good	0	1 4	10 10:14:00 SC 17:14-GMT Mn Humpback whale Position: 145° / 2,553 m Dir: West	Total 2 — 0 Calves at sighting
Fair	0	3 3	11 10:34:00 SV 17:34-GMT Oil services Position: 264° / 3,288 m Dir: South	1 vessel
Fair	0	3 3	12 10:39:00 SV 17:39-GMT Sportfish-private Position: 101° / 2,872 m Dir: Stationary	1 vessel
Fair	20	3 3	13 11:15:00 S 18:15-GMT Er Gray whale (northbound) Position: 106° / 2,553 m Dir: West; Behavior: Slow travel	Total 3 — 1 Calf at sighting
Fair	95	3 3	14 12:20:00 SV 19:20-GMT Private Position: 189° / 3,288 m Dir: East	1 vessel
Fair	95	2 3	15 12:45:00 SC 19:45-GMT Mn Humpback whale Position: 235° / 2,872 m Dir: Stationary; Behavior: Milling	Total 1 — 0 Calves at sighting
Fair	95	2 3	16 13:05:00 SV 20:05-GMT Enforcement Position: 128° / 3,288 m Dir: West	1 vessel
Fair	95	2 3	17 13:09:00 SV 20:09-GMT Helicopter Position: 114° / 1000 m Dir: West	1 vessel
Fair	95	2 3	18 13:17:00 SV 20:17-GMT Jet ski Position: 98° / 2,872 m Dir: West	1 vessel
Fair	95	2 3	19 13:19:00 S 20:19-GMT Er Gray whale (northbound) Position: 157° / 551 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	95	2 3	20 13:26:00 SV 20:26-GMT Private Position: 271° / 675 m Dir: East	1 vessel
Fair	95	2 3	21 13:54:00 SV 20:54-GMT Oil services Mr. Clean Position: 133° / 2,553 m Dir: East	1 vessel
Fair	95	2 3	22 14:13:00 SV 21:13-GMT Oil services Position: 285° / 3,288 m Dir: East	1 vessel
Fair	95	2 3	23 14:14:00 SV 21:14-GMT Sportfish-private Position: 119° / 1,294 m Dir: West	1 vessel
Fair	95	2 3	24 14:21:00 S 21:21-GMT Er Gray whale (northbound) Position: 136° / 2,872 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	95	2 3	25 14:32:00 SV 21:32-GMT Private Position: 168° / 2,872 m Dir: East	1 vessel
Fair	95	2 3	26 14:37:00 SV 21:37-GMT Oil services Position: 131° / 3,288 m Dir: West	1 vessel
Fair	95	2 3	27 14:43:00 SV 21:43-GMT Sportfish-private Position: 140° / 939 m Dir: West	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	95	2 3	28 15:01:00 SC 22:01-GMT Tt Bottlenose dolphin Position: 229° / 433 m Dir: East; Behavior: Fast travel	Total 5 — 0 Calves at sighting
Fair	95	2 3	29 15:01:00 SC 22:01-GMT Tt Bottlenose dolphin Position: 157° / 404 m Dir: East; Behavior: Fast travel	Total 4 — 0 Calves at sighting
Good	0	2 3	30 15:10:00 SC 22:10-GMT Tt Bottlenose dolphin Position: 139° / 336 m Dir: East; Behavior: Fast travel	Total 11 — 2 Calves at sighting
Good	0	2 3	31 15:13:00 S 22:13-GMT Er Gray whale (northbound) Position: 244° / 1,019 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	0	2 3	32 15:14:00 SV 22:14-GMT Helicopter Position: 271° / 1000 m Dir: East	1 vessel
Good	0	2 3	33 15:24:00 SV 22:24-GMT Helicopter Position: 166° / 1000 m Dir: West	1 vessel
Fair	0	4 3	34 16:09:00 SV 23:09-GMT Sportfish-commercial Apollo Position: 248° / 2,094 m Dir: East	1 vessel
Apr 06 Day 70 of 105				
	CCvr	Bft	Vis	
Poor	70	1 2	01 9:01:00 PDT SO 16:01-GMT El Southern Sea otter Position: 239° / 147 m Dir: Stationary; Behavior: in surf zone • with gull(s) • on back, feeding	Total 1 — 0 Pups at sighting
Poor	70	1 2	02 9:01:00 PDT SO 16:01-GMT El Southern Sea otter Position: 113° / 1,019 m Dir: Stationary	Total 25 — 0 Pups at sighting
Poor	70	1 2	04 9:07:00 PDT SV 16:07-GMT Sportfish-private Position: 158° / 1,294 m Dir: West	1 vessel
Poor	70	1 2	03 9:13:00 PDT SC 16:13-GMT Tt Bottlenose dolphin Position: 117° / 761 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	70	1 2	05 9:18:00 PDT SV 16:18-GMT Barge/tug Position: 274° / 1,113 m Dir: Stationary	1 vessel
Poor	70	1 2	06 9:30:00 PDT SV 16:30-GMT Sportfish-private Position: 154° / 2,094 m Dir: West	1 vessel
Poor	70	2 2	07 9:33:00 PDT SC 16:33-GMT Tt Bottlenose dolphin Position: 168° / 327 m Dir: East; Behavior: not indicated	Total 2 — 0 Calves at sighting
Poor	80	2 2	08 9:44:00 PDT S 16:44-GMT Er Gray whale (northbound) Position: 140° / 3,288 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	80	3 2	10 10:25:00 SV 17:25-GMT Dive-private Position: 127° / 2,872 m Dir: West	1 vessel
Poor	80	2 2	11 10:33:00 SV 17:33-GMT Barge/tug Position: 236° / 1,778 m Dir: East	1 vessel
Poor	80	2 2	12 11:03:00 S 18:03-GMT Er Gray whale (northbound) Position: 192° / 3,288 m Dir: West; Behavior: Fluke	Total 2 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	80	2 2	13 11:06:00 SV 18:06-GMT Sportfish-private Position: 202° / 2,094 m Dir: East	1 vessel
Poor	80	2 2	14 11:07:00 SP 18:07-GMT Ma Northern Elephant seal Position: 223° / 165 m Dir: Stationary; Behavior: not indicated	Total 1 — 0 Pups at sighting
Fair	100	2 3	15 12:55:00 SC 19:55-GMT ULW unidentified large whale Position: 209° / 327 m Dir: West; Behavior: not indicated	Total 1 — 0 Calves at sighting
Fair	20	2 3	16 13:10:00 S 20:10-GMT Er Gray whale (northbound) Position: 111° / 1,369 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	20	3 3	17 13:21:00 SV 20:21-GMT Sailboat Position: 206° / 1,369 m Dir: East	1 vessel
Fair	20	3 3	18 13:46:00 SV 20:46-GMT Sportfish-private Position: 109° / 2,553 m Dir: West	1 vessel
Fair	20	3 3	19 13:49:00 SV 20:49-GMT Sportfish-private Position: 241° / 1,019 m Dir: East	1 vessel
Fair	20	3 3	20 14:07:00 SC 21:07-GMT Tt Bottlenose dolphin Position: 269° / 449 m Dir: East; Behavior: Slow travel	Total 9 — 0 Calves at sighting
Fair	20	3 3	21 14:16:00 SC 21:16-GMT Tt Bottlenose dolphin Position: 117° / 551 m Dir: South; Behavior: Milling	Total 2 — 0 Calves at sighting
Fair	20	3 3	22 14:32:00 S 21:32-GMT Er Gray whale (northbound) Position: 158° / 378 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	20	3 3	23 14:36:00 SV 21:36-GMT Kayak/canoe (beyond kelp) Position: 250° / 418 m Dir: East	1 vessel
Good	0	3 4	24 15:11:00 SV 22:11-GMT Fish-commercial Position: 164° / 327 m Dir: East	1 vessel
Good	0	2 4	25 15:50:00 S 22:50-GMT Er Gray whale (northbound) Position: 221° / 2,553 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Good	0	2 4	26 16:03:00 SV 23:03-GMT Oil services Position: 281° / 3,288 m Dir: South	1 vessel
Good	0	2 4	27 16:06:00 SO 23:06-GMT El Southern Sea otter Position: 189° / 157 m Dir: Stationary; Behavior: in surf zone • on back, resting	Total 1 — 0 Pups at sighting
Good	0	2 4	28 16:39:00 SV 23:39-GMT Oil services Position: 192° / 3,288 m Dir: West	1 vessel
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	CCvr	Bft	Vis	
Good	20	2 4	01 8:47:00 PDT S 15:47-GMT Er Gray whale (northbound) Position: 120° / 1,228 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	20	2 4	02 8:49:00 PDT SC 15:49-GMT Tt Bottlenose dolphin Position: 138° / 840 m Dir: West; Behavior: Slow travel • Milling	Total 5 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	20	2 4	03 9:12:00 PDT SO	16:12-GMT El Southern Sea otter Position: 112° / 1,019 m Dir: Stationary; Behavior: in kelp • on back, resting Total 27 — 0 Pups at sighting
Good	20	2 4	04 9:45:00 PDT SC	16:45-GMT Tt Bottlenose dolphin Position: 129° / 390 m Dir: West; Behavior: not indicated Total 12 — 0 Calves at sighting
Good	20	2 4	05 10:07:00 S	17:07-GMT Er Gray whale (northbound) Position: 124° / 715 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	100	2 3	06 11:26:00 S	18:26-GMT Er Gray whale (northbound) Position: 109° / 2,872 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	100	2 3	07 12:15:00 S	19:15-GMT Er Gray whale (northbound) Position: 151° / 318 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	100	2 3	08 12:58:00 SV	19:58-GMT Oil services Position: 241° / 2,872 m Dir: Stationary 1 vessel
Good	0	2 4	09 13:08:00 SV	20:08-GMT Dive-commercial Jagermeister Position: 102° / 2,872 m Dir: West 1 vessel
Good	0	2 4	10 13:16:00 S	20:16-GMT Er Gray whale (northbound) Position: 211° / 2,553 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	0	2 4	11 13:49:00 SV	20:49-GMT Helicopter Position: 184° / 25 m Dir: West 1 vessel
Good	0	2 4	12 14:00:00 S	21:00-GMT Er Gray whale (northbound) Position: 144° / 715 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	0	3 4	13 14:35:00 S	21:35-GMT Er Gray whale (northbound) Position: 147° / 2,094 m Dir: West; Behavior: Slow travel • Fluke Total 1 — 0 Calves at sighting
Good	0	3 4	14 14:48:00 S	21:48-GMT Er Gray whale (northbound) Position: 159° / 336 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Good	0	3 4	15 15:04:00 SC	22:04-GMT Tt Bottlenose dolphin Position: 242° / 378 m Dir: West; Behavior: Slow travel Total 6 — 0 Calves at sighting
Fair	0	4 3	16 16:38:00 SV	23:38-GMT Helicopter SBOP Position: 134° / 400 m Dir: West 1 vessel
Fair	0	4 3	17 16:43:00 S	23:43-GMT Er Gray whale (northbound) Position: 155° / 607 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting

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CCvr Bft Vis

Fair	80	2 4	01 9:07:00 PDT SO	16:07-GMT El Southern Sea otter Position: 115° / 1,019 m Dir: Stationary; Behavior: in kelp • on back, resting Total 24 — 0 Pups at sighting
Fair	80	2 4	02 9:08:00 PDT SO	16:08-GMT El Southern Sea otter Position: 175° / 378 m Dir: Stationary; Behavior: in open water • on back, feeding • with gull(s) Total 1 — 0 Pups at sighting
Fair	80	2 4	03 9:09:00 PDT SO	16:09-GMT El Southern Sea otter Position: 138° / 327 m Dir: ni; Behavior: on back, resting Total 1 — 0 Pups at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	80	2 4	04 9:11:00 PDT SV 16:11-GMT Oil services Position: 242° / 2,872 m Dir: South	1 vessel
Fair	80	2 4	05 9:16:00 PDT SV 16:16-GMT Oil services Position: 144° / 3,288 m Dir: West	1 vessel
Fair	90	3 4	06 9:52:00 PDT SC 16:52-GMT Tt Bottlenose dolphin Position: 118° / 288 m Dir: West; Behavior: Slow travel	Total 6 — 0 Calves at sighting
Fair	90	3 4	07 10:09:00 SC 17:09-GMT Tt Bottlenose dolphin Position: 132° / 812 m Dir: West; Behavior: Milling	Total 5 — 0 Calves at sighting
Fair	90	3 4	08 10:31:00 SV 17:31-GMT Oil services Position: 275° / 3,288 m Dir: South	1 vessel
Fair	90	2 4	09 10:40:00 SV 17:40-GMT Dive-commercial Position: 97° / 2,553 m Dir: West	1 vessel
Fair	90	2 4	10 10:52:00 SV 17:52-GMT Oil services Position: 254° / 3,288 m Dir: South	1 vessel
Fair	90	3 3	11 11:07:00 S 18:07-GMT Er Gray whale (northbound) Position: 148° / 2,094 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	90	3 3	12 11:30:00 SV 18:30-GMT Fish-trap-commercial Ocean Pearl Position: 139° / 2,553 m Dir: West	1 vessel
Fair	90	3 3	13 11:32:00 SV 18:32-GMT Fish-trap-commercial Position: 110° / 2,553 m Dir: West	1 vessel
Fair	50	3 3	14 11:52:00 SV 18:52-GMT Oil services Position: 279° / 3,288 m Dir: South	1 vessel
Fair	50	3 3	15 12:11:00 SV 19:11-GMT Oil services Position: 239° / 2,553 m Dir: North	1 vessel
Fair	20	4 3	16 12:45:00 S 19:45-GMT Er Gray whale (northbound) Position: 105° / 2,553 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting

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	CCvr	Bft	Vis				
Poor	10	5	3	Off-Effort 01	9:05:00 PDT SO	16:05-GMT El Southern Sea otter Position: 109° / 1,019 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 17 — 0 Pups at sighting
Poor	10	5	3	Off-Effort 02	9:15:00 PDT SV	16:15-GMT Oil services Position: 239° / 1,778 m Dir: Stationary	1 vessel
Poor	10	5	3	Off-Effort 03	9:20:00 PDT SV	16:20-GMT Sailboat (motor) Position: 116° / 2,553 m Dir: West	1 vessel
Poor	10	5	3	Off-Effort 04	9:44:00 PDT SV	16:44-GMT Oil services Position: 274° / 3,288 m Dir: North	1 vessel
Poor	10	5	3	Off-Effort 05	10:05:00 SO	17:05-GMT El Southern Sea otter Position: 259° / 327 m Dir: Stationary; Behavior: with gull(s) • on back, resting	Total 1 — 0 Pups at sighting

2008 All Sighting Numbers, Raw

			Number	Time	Species / Vessel Type		
				Code			
Apr 10	Day 74 of 105						
	CCvr	Bft	Vts				
Fair	0	0	3	01	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 250° / 433 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 1 — 0 Pups at sighting
Fair	0	0	3	02	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 251° / 356 m Dir: Stationary; Behavior: with gull(s) • on back, feeding	Total 1 — 0 Pups at sighting
Fair	0	0	3	03	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 143° / 257 m Dir: Stationary; Behavior: on back, feeding • with gull(s)	Total 1 — 0 Pups at sighting
Fair	0	0	3	04	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 105° / 812 m Dir: South; Behavior: with gull(s) • in kelp • on back, feeding	Total 1 — 0 Pups at sighting
Fair	0	0	3	05	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 114° / 1,019 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 24 — 0 Pups at sighting
Fair	0	0	3	06	9:06:00 PDT SC	16:06-GMT Tt Bottlenose dolphin Position: 112° / 1,019 m Dir: Stationary; Behavior: Milling • Slow travel	Total 2 — 0 Calves at sighting
Fair	0	0	3	07	9:06:00 PDT S	16:06-GMT Er Gray whale (northbound) Position: 115° / 1,369 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	0	0	3	08	9:40:00 PDT S	16:40-GMT Er Gray whale (northbound) Position: 112° / 1,228 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	0	0	3	09	10:01:00 SC	17:01-GMT Mn Humpback whale Position: 152° / 3,288 m Dir: East; Behavior: Slow travel • Fluke	Total 3 — 0 Calves at sighting
Fair	0	0	3	10	10:20:00 SV	17:20-GMT Dive-research Position: 235° / 449 m Dir: East	1 vessel
Fair	0	0	3	11	10:26:00 SC	17:26-GMT Tt Bottlenose dolphin Position: 170° / 639 m Dir: West; Behavior: Slow travel • Milling	Total 7 — 2 Calves at sighting
Fair	0	0	3	12	10:48:00 SV	17:48-GMT Dive-commercial Position: 110° / 1,546 m Dir: West	1 vessel
Fair	0	0	3	13	11:06:00 SC	18:06-GMT D sp Common dolphin, species not Position: 212° / 2,553 m Dir: East; Behavior: Fast travel	Total 300 — 0 Calves at sighting
Fair	0	0	3	14	12:02:00 SV	19:02-GMT Oil services Position: 264° / 3,288 m Dir: South	1 vessel
Fair	0	0	3	15	12:16:00 SC	19:16-GMT Tt Bottlenose dolphin Position: 99° / 871 m Dir: Stationary; Behavior: Milling	Total 20 — 2 Calves at sighting
Fair	0	0	3	16	12:51:00 SV	19:51-GMT Oil services Position: 139° / 3,288 m Dir: West	1 vessel
Fair	0	0	3	17	13:24:00 SC	20:24-GMT Tt Bottlenose dolphin Position: 113° / 1,546 m Dir: Stationary; Behavior: Milling	Total 5 — 0 Calves at sighting
Fair	0	0	3	18	13:54:00 SC	20:54-GMT Tt Bottlenose dolphin Position: 104° / 2,553 m Dir: Stationary; Behavior: Milling	Total 3 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type	
Fair 0 0 3	19 13:57:00 SV	20:57-GMT Private Position: 152° / 3,288 m Dir: West	1 vessel
Fair 0 0 3	20 14:29:00 SC	21:29-GMT Tt Bottlenose dolphin Position: 141° / 1,019 m Dir: West; Behavior: Fast travel	Total 4 — 0 Calves at sighting
Fair 0 0 3	21 14:32:00 SC	21:32-GMT Mn Humpback whale Position: 147° / 4,712 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair 0 0 3	22 14:43:00 SV	21:43-GMT Oil services Position: 263° / 3,288 m Dir: South	1 vessel
Fair 0 0 3	23 14:45:00 S	21:45-GMT Er Gray whale (northbound) Position: 152° / 4,712 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair 0 0 3	24 14:57:00 SV	21:57-GMT Helicopter Position: 184° / 60 m Dir: West	1 vessel
Fair 0 0 3	25 15:49:00 SV	22:49-GMT Private Position: 216° / 3,288 m Dir: East	1 vessel
Fair 0 0 3	26 16:01:00 SV	23:01-GMT Helicopter SBOP Position: 184° / 400 m Dir: West	1 vessel
Fair 0 0 3	27 16:26:00 SC	23:26-GMT Tt Bottlenose dolphin Position: 131° / 1,019 m Dir: West; Behavior: not indicated	Total 4 — 0 Calves at sighting
Fair 0 0 3	28 16:30:00 SV	23:30-GMT Helicopter SBOP Position: 164° / 800 m Dir:	1 vessel
Fair 0 0 3	29 16:58:00 SV	23:58-GMT Helicopter SBOP Position: 164° / 400 m Dir: West	1 vessel
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	CCvr Bft Vis		
Fair 0 0 3	01 9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 237° / 263 m Dir: Stationary; Behavior: Diving • in kelp	Total 1 — 0 Pups at sighting
Fair 0 0 3	02 9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 159° / 263 m Dir: Stationary; Behavior: Diving • in kelp	Total 1 — 0 Pups at sighting
Fair 0 0 3	08 9:00:00 PDT SV	16:00-GMT Sailboat (motor) Position: 148° / 2,553 m Dir: West	1 vessel
Fair 0 0 3	03 9:01:00 PDT SO	16:01-GMT El Southern Sea otter Position: 172° / 639 m Dir: Stationary; Behavior: with gull(s) • in open water • on back, feeding	Total 1 — 0 Pups at sighting
Fair 0 0 3	04 9:02:00 PDT SO	16:02-GMT El Southern Sea otter Position: 212° / 195 m Dir: Stationary; Behavior: Diving • in kelp	Total 1 — 0 Pups at sighting
Fair 0 0 3	05 9:02:00 PDT SO	16:02-GMT El Southern Sea otter Position: 115° / 3,288 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 20 — 0 Pups at sighting
Fair 0 0 3	06 9:05:00 PDT S	16:05-GMT Er Gray whale (northbound) Position: 136° / 1,228 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	0	3	07 9:07:00 PDT SV 16:07-GMT Dive-commercial Position: 111° / 1,546 m Dir: West 1 vessel
Fair	0	0	3	09 9:18:00 PDT SV 16:18-GMT Oil services Position: 237° / 2,553 m Dir: Stationary 1 vessel
Fair	0	0	3	10 9:18:00 PDT SV 16:18-GMT Oil services Position: 250° / 2,553 m Dir: South 1 vessel
Fair	0	0	3	11 9:23:00 PDT SV 16:23-GMT Kelp harvester Position: 96° / 1,369 m Dir: Stationary 1 vessel
Fair	0	0	3	12 9:49:00 PDT S 16:49-GMT Er Gray whale (northbound) Position: 130° / 2,553 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	0	0	3	13 10:02:00 SV 17:02-GMT Oil services Position: 240° / 2,553 m Dir: South 1 vessel
Fair	0	0	3	14 10:39:00 S 17:39-GMT Er Gray whale (northbound) Position: 118° / 2,872 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	0	0	3	15 11:06:00 SV 18:06-GMT Dive-commercial Weather or Knot Position: 107° / 2,872 m Dir: West 1 vessel
Fair	0	0	3	16 11:42:00 S 18:42-GMT Er Gray whale (northbound) Position: 132° / 2,553 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	0	0	3	17 11:57:00 SV 18:57-GMT Oil services Position: 264° / 3,288 m Dir: South 1 vessel
Fair	0	0	3	18 11:58:00 SV 18:58-GMT Oil services Position: 291° / 3,288 m Dir: South 1 vessel
Fair	0	0	3	19 12:16:00 SV 19:16-GMT Dive-research Position: 268° / 1,019 m Dir: East 1 vessel
Fair	0	1	3	20 13:48:00 S 20:48-GMT Er Gray whale (northbound) Position: 234° / 2,094 m Dir: West; Behavior: Slow travel • Fluke Total 3 — 0 Calves at sighting
Good	0	1	4	21 16:29:00 S 23:29-GMT Er Gray whale (northbound) Position: 104° / 2,094 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting

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	CCvr	Bft	Vts	
Fair	0	0	3	01 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 112° / 1,019 m Dir: Stationary; Behavior: in kelp • on back, resting Total 18 — 0 Pups at sighting
Fair	0	0	3	02 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 214° / 418 m Dir: West; Behavior: in open water • Diving Total 1 — 0 Pups at sighting
Fair	0	0	3	03 9:08:00 PDT SV 16:08-GMT Private Wang Chum Position: 199° / 485 m Dir: West 1 vessel
Fair	0	0	3	04 9:09:00 PDT SV 16:09-GMT Oil services Position: 233° / 2,094 m Dir: Stationary 1 vessel

2008 All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type	
Fair	0 0 3	05 9:13:00 PDT SV 16:13-GMT Sportfish-commercial Position: 124° / 2,553 m Dir: West	1 vessel
Fair	0 0 3	06 9:14:00 PDT SV 16:14-GMT Oil services Position: 268° / 2,553 m Dir: North	1 vessel
Fair	0 0 3	07 9:19:00 PDT SO 16:19-GMT El Southern Sea otter Position: 148° / 449 m Dir: West; Behavior: in open water • with gull(s) • on back, feeding	Total 1 — 0 Pups at sighting
Fair	0 0 3	08 9:27:00 PDT SC 16:27-GMT Mn Humpback whale Position: 159° / 2,094 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Fair	0 0 3	09 9:30:00 PDT SV 16:30-GMT Sportfish-private Position: 168° / 2,553 m Dir: Stationary	1 vessel
Fair	0 0 3	10 9:45:00 PDT SV 16:45-GMT Oil services Position: 252° / 2,094 m Dir: South	1 vessel
Fair	0 0 3	11 10:41:00 SV 17:41-GMT Dive-commercial Position: 169° / 2,094 m Dir: West	1 vessel
Fair	0 0 3	12 10:43:00 S 17:43-GMT Er Gray whale (northbound) Position: 152° / 715 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0 0 3	13 10:51:00 SV 17:51-GMT Sportfish-private Position: 129° / 812 m Dir: West	1 vessel
Fair	0 0 3	14 11:01:00 SV 18:01-GMT Sportfish-private Position: 106° / 1,369 m Dir: Stationary	1 vessel
Fair	0 0 3	15 11:30:00 SV 18:30-GMT Sportfish-private Position: 229° / 1,228 m Dir: East	1 vessel
Fair	0 0 3	16 11:46:00 SO 18:46-GMT El Southern Sea otter Position: 153° / 761 m Dir: West; Behavior: Swimming • in open water	Total 9 — 0 Pups at sighting
Fair	0 0 3	17 11:52:00 SV 18:52-GMT Private Position: 229° / 449 m Dir: East	1 vessel
Fair	0 0 3	18 12:06:00 SV 19:06-GMT Private Position: 108° / 2,553 m Dir: West	1 vessel
Fair	0 0 3	19 12:08:00 SV 19:08-GMT Sportfish-private Position: 104° / 2,553 m Dir: West	1 vessel
Fair	0 0 3	20 12:09:00 SV 19:09-GMT Sailboat (motor) Position: 123° / 2,094 m Dir: West	1 vessel
Good	0 0 4	21 12:44:00 SV 19:44-GMT Private Position: 114° / 2,553 m Dir: West	1 vessel
Good	0 0 4	22 12:59:00 SV 19:59-GMT Sportfish-private Position: 242° / 871 m Dir: East	1 vessel
Good	0 0 4	23 13:03:00 SV 20:03-GMT Sportfish-private Position: 205° / 378 m Dir: East	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	0	4	24 13:15:00 SV 20:15-GMT Oil services Position: 292° / 3,288 m Dir: South 1 vessel
Good	0	0	4	25 13:23:00 SV 20:23-GMT Sportfish-private Position: 228° / 812 m Dir: East 1 vessel
Good	0	0	4	26 13:56:00 S 20:56-GMT Er Gray whale (northbound) Position: 126° / 715 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	0	0	4	27 14:04:00 SV 21:04-GMT Sportfish-private Position: 204° / 607 m Dir: East 1 vessel
Good	0	0	4	28 14:09:00 SV 21:09-GMT Sportfish-private Position: 235° / 505 m Dir: East 1 vessel
Good	0	0	4	29 14:09:00 SV 21:09-GMT Sportfish-private Position: 233° / 485 m Dir: East 1 vessel
Good	0	0	5	30 14:29:00 SV 21:29-GMT Sportfish-private Position: 257° / 675 m Dir: East 1 vessel
Good	0	0	5	31 14:36:00 S 21:36-GMT Er Gray whale (northbound) Position: 192° / 871 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Good	0	0	5	32 14:52:00 SV 21:52-GMT Oil services Position: 287° / 3,288 m Dir: South 1 vessel
Fair	0	1	3	33 16:06:00 SC 23:06-GMT Mn Humpback whale Position: 229° / 3,288 m Dir: West; Behavior: Slow travel Total 4 — 0 Calves at sighting
Fair	0	1	3	34 16:25:00 SV 23:25-GMT Dive-commercial Weather or Knot Position: 228° / 404 m Dir: East 1 vessel

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	CCvr	Bft	Vrs	
Good	0	0	3	01 9:01:00 PDT SO 16:01-GMT El Southern Sea otter Position: 115° / 1,019 m Dir: Stationary; Behavior: on back, resting Total 22 — 0 Pups at sighting
Good	0	0	3	02 9:02:00 PDT SO 16:02-GMT El Southern Sea otter Position: 121° / 485 m Dir: Stationary; Behavior: on back, feeding • with gull(s) Total 1 — 0 Pups at sighting
Good	0	0	3	03 9:03:00 PDT SO 16:03-GMT El Southern Sea otter Position: 161° / 812 m Dir: West; Behavior: Swimming • in open water Total 1 — 0 Pups at sighting
Good	0	0	3	04 9:05:00 PDT SO 16:05-GMT El Southern Sea otter Position: 174° / 639 m Dir: West; Behavior: Swimming • in open water Total 1 — 0 Pups at sighting
Good	0	0	3	05 9:11:00 PDT SO 16:11-GMT El Southern Sea otter Position: 236° / 675 m Dir: Stationary; Behavior: on back, resting • in open water
Good	0	0	3	06 9:14:00 PDT SV 16:14-GMT Oil services Position: 239° / 2,553 m Dir: Stationary 1 vessel
Good	0	0	3	07 9:15:00 PDT SV 16:15-GMT Oil services Position: 234° / 3,288 m Dir: Stationary 1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	0	3	08 9:17:00 PDT SV 16:17-GMT Kelp harvester Position: 98° / 1,369 m Dir: Stationary 1 vessel
Good	0	0	3	09 9:55:00 PDT SC 16:55-GMT Mn Humpback whale Total 3 — 0 Calves at sighting Position: 154° / 3,288 m Dir: West; Behavior: not indicated
Good	0	0	3	10 9:57:00 PDT SV 16:57-GMT Private Position: 128° / 1,778 m Dir: West 1 vessel
Good	0	0	3	11 9:59:00 PDT SV 16:59-GMT Kayak/canoe (beyond kelp) Position: 109° / 761 m Dir: East 1 vessel
Good	0	0	3	12 10:10:00 SV 17:10-GMT Airplane Position: 184° / 50 m Dir: West 1 vessel
Good	0	0	3	13 10:15:00 SO 17:15-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 257° / 418 m Dir: Stationary; Behavior: with gull(s)
Good	0	0	3	14 10:16:00 SO 17:16-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 267° / 327 m Dir: East; Behavior: Swimming • in surf zone
Good	0	0	3	15 10:29:00 SV 17:29-GMT Dive-commercial Vision Position: 101° / 1,778 m Dir: West 1 vessel
Good	0	0	3	16 10:32:00 SV 17:32-GMT Dive-private Position: 104° / 1,546 m Dir: West 1 vessel
Good	0	0	3	17 10:40:00 SV 17:40-GMT Sportfish-private Position: 109° / 1,778 m Dir: West 1 vessel
Good	0	0	3	18 10:42:00 SV 17:42-GMT Private Sunbird Position: 114° / 1,369 m Dir: West 1 vessel
Good	0	0	3	19 11:04:00 SV 18:04-GMT Sportfish-private Position: 109° / 1,369 m Dir: West 1 vessel
Fair	0	1	3	20 11:23:00 S 18:23-GMT Er Gray whale (northbound) Total 2 — 1 Calf at sighting Position: 112° / 1,778 m Dir: West; Behavior: Slow travel
Fair	0	1	3	21 11:38:00 SV 18:38-GMT Sportfish-private Position: 204° / 346 m Dir: East 1 vessel
Fair	0	1	3	22 12:12:00 SC 19:12-GMT Tt Bottlenose dolphin Total 3 — 0 Calves at sighting Position: 122° / 449 m Dir: West; Behavior: not indicated
Fair	0	1	3	23 12:15:00 SC 19:15-GMT Tt Bottlenose dolphin Total 5 — 0 Calves at sighting Position: 152° / 485 m Dir: West; Behavior: not indicated
Fair	0	1	3	24 12:40:00 SV 19:40-GMT Sailboat (motor) Position: 134° / 1,369 m Dir: West 1 vessel
Fair	0	1	3	25 13:00:00 S 20:00-GMT Er Gray whale (northbound) Total 1 — 0 Calves at sighting Position: 123° / 1,113 m Dir: West; Behavior: Slow travel • Fluke
Fair	0	1	3	26 13:01:00 SV 20:01-GMT Jet ski Position: 120° / 1,546 m Dir: West 1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	1	3	
	27	13:10:00 SV	20:10-GMT Jet ski Position: 117° / 505 m Dir: West	1 vessel
Fair	0	1	3	
	28	13:32:00 SV	20:32-GMT Private Position: 132° / 1,778 m Dir: West	1 vessel
Fair	0	1	3	
	29	14:17:00 SV	21:17-GMT Sportfish-private Bruliner Position: 254° / 433 m Dir: East	1 vessel
Fair	0	1	3	
	30	14:22:00 SV	21:22-GMT Sportfish-private Position: 117° / 761 m Dir: Stationary	1 vessel
Fair	0	1	3	
	31	15:17:00 SV	22:17-GMT Oil services Position: 268° / 3,288 m Dir: South	1 vessel
Fair	0	1	3	
	32	15:20:00 SC	22:20-GMT Mn Humpback whale Position: 177° / 2,872 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting
Fair	0	1	3	
	33	15:21:00 SV	22:21-GMT Helicopter Position: 184° / 200 m Dir: East	1 vessel
Fair	0	1	3	
	34	15:30:00 SV	22:30-GMT Sportfish-private Position: 247° / 2,094 m Dir: East	1 vessel
Fair	0	1	3	
	35	15:45:00 SC	22:45-GMT Tt Bottlenose dolphin Position: 278° / 639 m Dir: East; Behavior: Slow travel	Total 12 — 0 Calves at sighting
Fair	0	1	3	
	36	15:47:00 SV	22:47-GMT Sportfish-private Position: 251° / 761 m Dir: East	1 vessel
Fair	0	1	3	
	37	15:54:00 SV	22:54-GMT Helicopter SBOP Position: 184° / 400 m Dir: West	1 vessel
Fair	0	1	3	
	38	16:33:00 SC	23:33-GMT Tt Bottlenose dolphin Position: 154° / 356 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0	1	3	
	39	16:43:00 SV	23:43-GMT Kayak/canoe (beyond kelp) Position: 131° / 310 m Dir: West	1 vessel
Fair	0	1	3	
	40	16:46:00 SV	23:46-GMT Sailboat (motor) Position: 212° / 505 m Dir: East	1 vessel
Fair	0	1	3	
	41	16:56:00 SV	23:56-GMT Sailboat Position: 108° / 1,546 m Dir: East	1 vessel
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		CCvr	Bft	Vis
Fair	0	1	1.7	
	01	8:47:00 PDT S	15:47-GMT Er Gray whale (northbound) Position: 114° / 1,546 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0	1	1.7	
	02	8:49:00 PDT SC	15:49-GMT Mn Humpback whale Position: 139° / 3,288 m Dir: West; Behavior: Slow travel • Fluke	Total 4 — 0 Calves at sighting
Fair	0	1	1.7	
	03	8:50:00 PDT SC	15:50-GMT Tt Bottlenose dolphin Position: 205° / 220 m Dir: East; Behavior: Slow travel	Total 5 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type
Fair 0 1 1.7	04 9:24:00 PDT SV	16:24-GMT Oil services Position: 234° / 2,553 m Dir: Stationary 1 vessel
Fair 0 3 1.7	05 9:25:00 PDT SC	16:25-GMT Mn Humpback whale Position: 170° / 4,712 m Dir: West; Behavior: not indicated Total 1 — 0 Calves at sighting
Fair 0 3 1.7	06 9:35:00 PDT SV	16:35-GMT Whale watching Condor Express Position: 135° / 3,288 m Dir: West 1 vessel
Fair 0 3 4	07 9:39:00 PDT S	16:39-GMT Er Gray whale (northbound) Position: 114° / 2,094 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair 0 3 4	08 9:46:00 PDT SC	16:46-GMT ULW unidentified large whale Position: 134° / 3,288 m Dir: ni; Behavior: not indicated Total 1 — 0 Calves at sighting
Fair 0 3 4	09 9:49:00 PDT SC	16:49-GMT ULW unidentified large whale Position: 112° / 2,553 m Dir: West; Behavior: not indicated Total 1 — 0 Calves at sighting
Fair 0 3 4	10 9:53:00 PDT SV	16:53-GMT Oil services Position: 244° / 3,288 m Dir: South 1 vessel
Fair 0 3 4	11 9:57:00 PDT SO	16:57-GMT El Southern Sea otter Position: 115° / 1,019 m Dir: Stationary; Behavior: in kelp • on back, resting Total 16 — 0 Pups at sighting
Fair 0 3 4	12 10:31:00 SV	17:31-GMT Private Position: 104° / 1,778 m Dir: West 1 vessel
Good 0 2 4	13 11:23:00 SO	18:23-GMT El Southern Sea otter Position: 249° / 485 m Dir: North; Behavior: Swimming • in kelp Total 1 — 0 Pups at sighting
Good 0 2 4	14 11:26:00 SO	18:26-GMT El Southern Sea otter Position: 131° / 578 m Dir: Stationary; Behavior: in kelp • on back, feeding Total 1 — 0 Pups at sighting
Good 0 2 4	15 11:38:00 SC	18:38-GMT Tt Bottlenose dolphin Position: 193° / 346 m Dir: East; Behavior: Slow travel Total 5 — 0 Calves at sighting
Good 0 2 4	16 11:42:00 SO	18:42-GMT El Southern Sea otter Position: 189° / 205 m Dir: Stationary; Behavior: in surf zone • on back, feeding Total 1 — 0 Pups at sighting
Fair 0 2 3	17 12:30:00 SV	19:30-GMT Dive-commercial Position: 104° / 2,553 m Dir: West 1 vessel
Good 0 2 4	18 13:02:00 SC	20:02-GMT Mn Humpback whale Position: 177° / 2,553 m Dir: West; Behavior: Breach Total 2 — 0 Calves at sighting
Good 0 2 4	19 13:15:00 SV	20:15-GMT Fish-trap-commercial Provider Position: 210° / 1,228 m Dir: Stationary 1 vessel
Good 0 2 4	20 13:33:00 SC	20:33-GMT Mn Humpback whale Position: 162° / 2,094 m Dir: West; Behavior: Slow travel • Fluke Total 2 — 0 Calves at sighting
Good 0 2 4	21 13:48:00 SC	20:48-GMT Mn Humpback whale Position: 228° / 1,546 m Dir: East; Behavior: Slow travel • Fluke Total 2 — 0 Calves at sighting
Fair 0 3 3	22 13:57:00 SV	20:57-GMT Sportfish-private Position: 105° / 2,094 m Dir: Stationary 1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	3	3	
	23	14:13:00 SC	21:13-GMT Mn Humpback whale Position: 143° / 2,094 m Dir: ni; Behavior: not indicated	Total 1 — 0 Calves at sighting
Fair	0	3	3	
	24	14:38:00 SC	21:38-GMT Mn Humpback whale Position: 201° / 2,872 m Dir: East; Behavior: Breach	Total 2 — 0 Calves at sighting
Fair	0	3	3	
	25	14:45:00 SV	21:45-GMT Oil services Position: 280° / 3,288 m Dir: South	1 vessel
Fair	0	3	3	
	26	14:59:00 SC	21:59-GMT Mn Humpback whale Position: 250° / 4,712 m Dir: West; Behavior: Breach • Pec slap • Stationary	Total 2 — 0 Calves at sighting
Fair	0	3	3	
	27	15:36:00 SV	22:36-GMT Oil services Position: 275° / 3,288 m Dir: South	1 vessel
Fair	0	3	3	
	28	16:05:00 S	23:05-GMT Er Gray whale (northbound) Position: 129° / 2,553 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

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	CCvr	Bft	Vs	Number	Time Code	Species / Vessel Type	
Fair	10	2	4				
				01	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 113° / 1,019 m Dir: Stationary; Behavior: on back, resting	Total 20 — 0 Pups at sighting
Fair	10	2	4				
				02	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 247° / 551 m Dir: Stationary; Behavior: on back, feeding • with gull(s)	Total 1 — 0 Pups at sighting
Fair	10	2	4				
				03	9:00:00 PDT SC	16:00-GMT Tt Bottlenose dolphin Position: 174° / 257 m Dir: West; Behavior: Milling	Total 3 — 1 Calf at sighting
Fair	10	2	4				
				04	9:08:00 PDT SC	16:08-GMT Tt Bottlenose dolphin Position: 129° / 327 m Dir: East; Behavior: Slow travel • Milling	Total 3 — 0 Calves at sighting
Fair	10	2	4				
				05	9:23:00 PDT SO	16:23-GMT El Southern Sea otter Position: 125° / 198 m Dir: Stationary; Behavior: on back, feeding • with gull(s)	Total 1 — 0 Pups at sighting
Fair	10	2	4				
				06	9:27:00 PDT SO	16:27-GMT El Southern Sea otter Position: 136° / 288 m Dir: West; Behavior: Swimming • Grooming	Total 1 — 0 Pups at sighting
Fair	10	2	4				
				07	10:18:00 SO	17:18-GMT El Southern Sea otter Position: 192° / 527 m Dir: ni; Behavior: with gull(s) • Diving • in open water	Total 1 — 0 Pups at sighting
Fair	10	2	4				
				08	10:19:00 S	17:19-GMT Er Gray whale (northbound) Position: 120° / 840 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Fair	10	2	4				
				09	10:28:00 S	17:28-GMT Er Gray whale (northbound) Position: 140° / 302 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	10	2	4				
				10	10:40:00 SV	17:40-GMT Oil services Position: 274° / 3,288 m Dir: West	1 vessel
Fair	10	2	4				
				11	11:23:00 SC	18:23-GMT Tt Bottlenose dolphin Position: 101° / 1,228 m Dir: Stationary; Behavior: Milling	Total 6 — 0 Calves at sighting
Fair	10	2	4				
				12	11:24:00 SC	18:24-GMT Tt Bottlenose dolphin Position: 102° / 2,094 m Dir: Stationary; Behavior: Milling	Total 2 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time	Species / Vessel Type	
	Code	Code		
Fair	10	2	4	13 11:53:00 SV 18:53-GMT Oil services Position: 262° / 3,288 m Dir: East 1 vessel
Fair	10	4	4	14 12:06:00 SV 19:06-GMT Oil services Position: 280° / 3,288 m Dir: East 1 vessel
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	CCvr	Bft	Vis	
Fair	0	2	3	01 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 245° / 485 m Dir: East; Behavior: in kelp • on back, feeding
Fair	0	2	3	02 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 214° / 410 m Dir: West; Behavior: in open water • Diving
Fair	0	2	3	03 9:00:00 PDT SC 16:00-GMT Mn Humpback whale Total 3 — 0 Calves at sighting Position: 153° / 3,288 m Dir: Stationary; Behavior: Slow travel
Fair	0	2	3	04 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 126° / 551 m Dir: East; Behavior: with gull(s) • in open water • on back, feeding
Fair	0	2	3	05 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 129° / 505 m Dir: East; Behavior: in open water • Swimming
Fair	0	2	3	06 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Total 19 — 0 Pups at sighting Position: 114° / 1,019 m Dir: Stationary; Behavior: in kelp • Swimming
Fair	0	2	3	07 9:07:00 PDT SV 16:07-GMT Dive-research Position: 99° / 1,778 m Dir: Stationary 1 vessel
Fair	0	2	3	08 9:13:00 PDT SV 16:13-GMT Dive-commercial Meant to Be Position: 101° / 2,553 m Dir: West 1 vessel
Fair	0	2	3	09 9:18:00 PDT SV 16:18-GMT Oil services Position: 238° / 2,553 m Dir: Stationary 1 vessel
Fair	0	2	3	10 9:26:00 PDT SO 16:26-GMT El Southern Sea otter Total 1 — 0 Pups at sighting Position: 117° / 198 m Dir: South; Behavior: in surf zone • on back, feeding
Fair	0	1	2	11 10:27:00 SV 17:27-GMT Sailboat (motor) Position: 99° / 2,872 m Dir: Stationary 1 vessel
Fair	0	1	2	12 10:31:00 SV 17:31-GMT Oil services Position: 280° / 3,288 m Dir: West 1 vessel
Fair	0	1	2	13 10:41:00 S 17:41-GMT Er Gray whale (northbound) Total 2 — 1 Calf at sighting Position: 109° / 1,778 m Dir: West; Behavior: Slow travel
Fair	0	2	2	14 11:04:00 SV 18:04-GMT Dive-commercial Position: 107° / 1,546 m Dir: West 1 vessel
Fair	0	2	3	15 12:23:00 SV 19:23-GMT Oil services Position: 262° / 3,288 m Dir: South 1 vessel
Fair	0	2	3	16 12:49:00 SV 19:49-GMT Oil services Position: 291° / 3,288 m Dir: South 1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	1	4	17 13:51:00 SO 20:51-GMT El Southern Sea otter Position: 204° / 327 m Dir: East; Behavior: in open water • Swimming Total 1 — 0 Pups at sighting
Good	0	1	4	18 13:52:00 SV 20:52-GMT Helicopter SBOP Position: 184° / 200 m Dir: West 1 vessel
Good	0	1	4	19 13:53:00 S 20:53-GMT Er Gray whale (northbound) Position: 180° / 433 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Good	0	1	3	20 14:52:00 SV 21:52-GMT Oil services Position: 260° / 2,553 m Dir: South 1 vessel
Good	0	1	3	21 15:21:00 SC 22:21-GMT Tt Bottlenose dolphin Position: 150° / 390 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	0	1	3	22 15:27:00 SV 22:27-GMT Oil services Position: 274° / 3,288 m Dir: South 1 vessel
Good	0	1	3	23 15:33:00 SC 22:33-GMT Tt Bottlenose dolphin Position: 151° / 327 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	0	1	3	24 15:50:00 SV 22:50-GMT Private Position: 276° / 1,369 m Dir: East 1 vessel
Good	0	1	3	25 16:09:00 SC 23:09-GMT Tt Bottlenose dolphin Position: 100° / 715 m Dir: East; Behavior: Slow travel • Milling Total 3 — 0 Calves at sighting
Good	0	1	3	26 16:34:00 S 23:34-GMT Er Gray whale (northbound) Position: 161° / 578 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Good	0	1	3	27 16:52:00 SV 23:52-GMT Oil services Position: 267° / 3,288 m Dir: West 1 vessel

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	CCvr	Blf	Vrs	Number	Time Code	Species / Vessel Type	
Fair	0	0	3	01	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 113° / 1,228 m Dir: Stationary; Behavior: in kelp • on back, resting Total 20 — 0 Pups at sighting	
Fair	0	0	3	02	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 146° / 607 m Dir: Stationary; Behavior: with gull(s) • in open water • on back, feeding Total 1 — 0 Pups at sighting	
Fair	0	0	3	03	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 179° / 871 m Dir: Stationary; Behavior: with gull(s) • in open water • on back, feeding Total 1 — 0 Pups at sighting	
Fair	0	0	3	04	9:09:00 PDT SV	16:09-GMT Kelp harvester Position: 101° / 2,553 m Dir: East 1 vessel	
Fair	0	0	3	05	9:16:00 PDT S	16:16-GMT Er Gray whale (northbound) Position: 103° / 2,553 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting	
Fair	0	0	3	06	9:23:00 PDT S	16:23-GMT Er Gray whale (northbound) Position: 100° / 3,288 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting	
Fair	0	0	3	07	9:55:00 PDT SV	16:55-GMT Oil services Position: 250° / 3,288 m Dir: South 1 vessel	

2008 All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type	
Fair	0 0 3	08 10:15:00 SO	17:15-GMT El Southern Sea otter Position: 244° / 224 m Dir: East; Behavior: Swimming • in surf zone Total 1 — 0 Pups at sighting
Fair	0 0 3	09 10:15:00 SV	17:15-GMT Jet ski Position: 118° / 1,294 m Dir: West 1 vessel
Fair	0 0 3	10 10:18:00 SV	17:18-GMT Oil services Position: 290° / 3,288 m Dir: South 1 vessel
Fair	0 0 3	11 10:19:00 S	17:19-GMT Er Gray whale (northbound) Position: 187° / 2,094 m Dir: West; Behavior: Slow travel • Breach Total 1 — 0 Calves at sighting
Fair	0 0 3	12 10:30:00 SV	17:30-GMT Dive-research Position: 270° / 1,778 m Dir: East 1 vessel
Fair	0 0 3	13 10:44:00 SV	17:44-GMT Oil services Position: 291° / 3,288 m Dir: South 1 vessel
Fair	0 1 3	14 10:46:00 SV	17:46-GMT Fish-trap-commercial Provider Position: 182° / 2,553 m Dir: East 1 vessel
Fair	0 1 3	15 11:08:00 SO	18:08-GMT El Southern Sea otter Position: 141° / 761 m Dir: Stationary; Behavior: in open water • on back, resting Total 1 — 0 Pups at sighting
Fair	0 1 3	16 11:09:00 SO	18:09-GMT El Southern Sea otter Position: 137° / 939 m Dir: Stationary; Behavior: in open water • on back, feeding Total 1 — 0 Pups at sighting
Fair	0 1 3	17 11:11:00 SO	18:11-GMT El Southern Sea otter Position: 259° / 505 m Dir: Stationary; Behavior: in kelp • Diving Total 1 — 0 Pups at sighting
Fair	0 1 3	18 11:19:00 SV	18:19-GMT Oil services Position: 269° / 2,094 m Dir: South 1 vessel
Fair	0 0 3	19 11:55:00 SC	18:55-GMT Mn Humpback whale Position: 178° / 3,288 m Dir: Stationary; Behavior: Pec slap Total 2 — 0 Calves at sighting
Fair	0 0 3	20 12:17:00 SC	19:17-GMT Tt Bottlenose dolphin Position: 115° / 378 m Dir: West; Behavior: not indicated Total 5 — 0 Calves at sighting
Fair	0 0 3	21 12:33:00 SV	19:33-GMT Sportfish-private Position: 106° / 2,872 m Dir: West 1 vessel
Fair	0 0 3	22 12:42:00 SV	19:42-GMT Sailboat (motor) Position: 114° / 3,288 m Dir: West 1 vessel
Good	0 1 3	23 13:07:00 SC	20:07-GMT Tt Bottlenose dolphin Position: 121° / 404 m Dir: West; Behavior: Slow travel Total 3 — 0 Calves at sighting
Good	0 1 4	24 14:02:00 SC	21:02-GMT Tt Bottlenose dolphin Position: 208° / 232 m Dir: East; Behavior: Milling Total 3 — 0 Calves at sighting
Good	0 1 4	25 14:55:00 SV	21:55-GMT Jet ski Position: 119° / 327 m Dir: West 1 vessel
Good	0 1 4	26 15:13:00 S	22:13-GMT Er Gray whale (northbound) Position: 111° / 1,546 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	1	4	
	27	15:40:00 SV	22:40-GMT Fish-trap-commercial Position: 264° / 2,872 m Dir: East	1 vessel
Good	0	1	4	
	28	16:14:00 SV	23:14-GMT Research vessel Shearwater Position: 208° / 2,872 m Dir: East	1 vessel
Fair	0	2	3	
	29	16:25:00 S	23:25-GMT Er Gray whale (northbound) Position: 149° / 2,553 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0	2	3	
	30	16:28:00 SV	23:28-GMT Oil services Position: 273° / 3,288 m Dir: South	1 vessel
Fair	0	2	3	
	31	16:32:00 SV	23:32-GMT Sportfish-private Position: 219° / 761 m Dir: East	1 vessel
Fair	0	2	3	
	32	16:52:00 SV	23:52-GMT Helicopter Position: 164° / 500 m Dir: West	1 vessel
Fair	0	2	3	
	33	16:55:00 S	23:55-GMT Er Gray whale (northbound) Position: 144° / 761 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Apr 18 Day 82 of 105				
		CCvr	Bft	Vts
Poor	100	1	1.5	
	01	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 146° / 212 m Dir: Stationary; Behavior: with gull(s) • in surf zone • on back, feeding	Total 1 — 0 Pups at sighting
Poor	100	1	1.5	
	02	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 252° / 433 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 1 — 0 Pups at sighting
Poor	100	1	1.5	
	03	9:03:00 PDT SV	16:03-GMT Kelp harvester Position: 97° / 2,553 m Dir: South	1 vessel
Poor	100	1	1.5	
	04	9:04:00 PDT SV	16:04-GMT Oil services Position: 244° / 3,288 m Dir: North	1 vessel
Poor	85	1	1.7	
	05	9:14:00 PDT Sc	16:14-GMT Mn Humpback whale Position: 150° / 2,094 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Poor	85	1	1.7	
	06	9:33:00 PDT SV	16:33-GMT Fish-trap-commercial Position: 149° / 1,778 m Dir: West	1 vessel
Fair	70	1	2	
	07	9:51:00 PDT SV	16:51-GMT Fish-trap-commercial Position: 123° / 2,553 m Dir: West	1 vessel
Fair	60	1	2	
	08	10:04:00 SV	17:04-GMT Sportfish-private Position: 150° / 2,553 m Dir: West	1 vessel
Fair	60	2	3	
	09	10:18:00 S	17:18-GMT Er Gray whale (northbound) Position: 137° / 3,288 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	60	2	3	
	10	10:40:00 SC	17:40-GMT Mn Humpback whale Position: 105° / 3,288 m Dir: West; Behavior: not indicated	Total 2 — 0 Calves at sighting
Fair	60	2	3	
	11	10:42:00 S	17:42-GMT Er Gray whale (northbound) Position: 99° / 2,553 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	60	2 1.7	12 11:36:00 SC 18:36-GMT Tt Bottlenose dolphin Position: 112° / 485 m Dir: West; Behavior: not indicated	Total 5 — 0 Calves at sighting
Poor	60	2 1.7	13 11:38:00 S 18:38-GMT Er Gray whale (northbound) Position: 113° / 871 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	60	3 3	14 11:39:00 S 18:39-GMT Er Gray whale (northbound) Position: 110° / 1,546 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	60	3 1.5	15 11:59:00 S 18:59-GMT Er Gray whale (northbound) Position: 110° / 2,094 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Poor	25	3 1.5	16 14:12:00 SO 21:12-GMT El Southern Sea otter Position: 114° / 1,228 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 28 — 0 Pups at sighting
Poor	25	3 1.5	17 14:12:00 SO 21:12-GMT El Southern Sea otter Position: 254° / 527 m Dir: Stationary; Behavior: on back, resting • in kelp	Total 1 — 0 Pups at sighting
Good	10	3 4	18 15:37:00 SV 22:37-GMT Whale watching Condor Express Position: 148° / 2,872 m Dir: North	1 vessel
Good	10	3 4	19 15:46:00 S 22:46-GMT Er Gray whale (northbound) Position: 109° / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	10	3 4	20 16:11:00 SC 23:11-GMT Tt Bottlenose dolphin Position: 244° / 346 m Dir: East; Behavior: not indicated	Total 4 — 0 Calves at sighting
Good	10	3 4	21 16:19:00 SP 23:19-GMT Cu Northern Fur seal Position: 274° / 1,019 m Dir: Stationary; Behavior: not indicated	Total 1 — 0 Pups at sighting
Good	10	3 4	22 16:39:00 S 23:39-GMT Er Gray whale (northbound) Position: 103° / 2,553 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Good	10	3 4	23 16:40:00 S 23:40-GMT Er Gray whale (northbound) Position: 134° / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Good	10	3 4	24 17:07:00 S 0:07; 4/19/2008-GMT Er Gray whale (northbound) Position: 164° / 318 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting

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CCvr Bft Vis

	17 void	PDT	7:-GMT	
Poor	100	1 2	01 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 248° / 418 m Dir: South; Behavior: Diving • Swimming	Total 1 — 0 Pups at sighting
Poor	100	1 2	02 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 110° / 1,228 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 21 — 0 Pups at sighting
Poor	100	1 2	03 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 289° / 939 m Dir: Stationary; Behavior: with gull(s) • on back, feeding	Total 1 — 0 Pups at sighting
Poor	100	1 2	04 9:02:00 PDT SO 16:02-GMT El Southern Sea otter Position: 220° / 1,113 m Dir: Stationary; Behavior: Diving	Total 1 — 0 Pups at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor	100	1 2	05 9:06:00 PDT SV 16:06-GMT Oil services Position: 274° / 3,288 m Dir: South	1 vessel
Poor	100	1 2	06 9:06:00 PDT SO 16:06-GMT El Southern Sea otter Position: 199° / 551 m Dir: South; Behavior: Swimming	Total 1 — 0 Pups at sighting
Poor	100	1 2	07 9:07:00 PDT SV 16:07-GMT Oil services Position: 232° / 2,872 m Dir: Stationary	1 vessel
Poor	100	1 2	08 9:08:00 PDT SV 16:08-GMT Sportfish-private Position: 198° / 2,553 m Dir: West	1 vessel
Poor	100	1 2	09 9:09:00 PDT SO 16:09-GMT El Southern Sea otter Position: 209° / 212 m Dir: East; Behavior: Swimming • Diving	Total 1 — 0 Pups at sighting
Poor	100	1 2	10 9:14:00 PDT SV 16:14-GMT Sportfish-private Position: 107° / 2,872 m Dir: West	1 vessel
Poor	100	1 2	11 9:24:00 PDT S 16:24-GMT Er Gray whale (northbound) Position: 105° / 527 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	1 2	12 9:49:00 PDT S 16:49-GMT Er Gray whale (northbound) Position: 134° / 871 m Dir: West; Behavior: Slow travel • Fluke	Total 2 — 0 Calves at sighting
Poor	100	1 2	13 10:00:00 SV 17:00-GMT Whale watching Condor Express Position: 96° / 2,872 m Dir: West	1 vessel
Poor	100	1 2	14 10:02:00 S 17:02-GMT Er Gray whale (northbound) Position: 96° / 2,872 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	1 2	15 10:09:00 SV 17:09-GMT Kayak/canoe (beyond kelp) Position: 102° / 2,872 m Dir: West	1 vessel
Poor	100	1 2	16 10:23:00 S 17:23-GMT Er Gray whale (northbound) Position: 99° / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	100	1 2	18 11:00:00 SV 18:00-GMT Sportfish-private Position: 252° / 1,228 m Dir: East	1 vessel
Poor	100	1 2	19 11:09:00 S 18:09-GMT Er Gray whale (northbound) Position: 120° / 871 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Poor	100	1 2	20 11:27:00 S 18:27-GMT Er Gray whale (northbound) Position: 241° / 288 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	95	2 3	21 11:28:00 SV 18:28-GMT Oil services Position: 237° / 2,872 m Dir: North	1 vessel
Fair	5	4 3	22 12:39:00 SV 19:39-GMT Oil services Position: 288° / 3,288 m Dir: South	1 vessel
Poor	5	5 3	Off-Effort 23 12:47:00 SV 19:47-GMT Whale watching Condor Express Position: 96° / 2,872 m Dir: West	1 vessel

2008 All Sighting Numbers, Raw

		Number	Time	Species / Vessel Type	
		Code	Code		
Apr 20	Day 84 of 105				
	CCvr	Bft	Vis		
Fair	0	0	3	01 8:58:00 PDT SO	15:58-GMT El Southern Sea otter Position: 114° / 1,228 m Dir: Stationary; Behavior: in kelp • on back, resting Total 28 — 0 Pups at sighting
Fair	0	0	3	02 8:58:00 PDT S	15:58-GMT Er Gray whale (northbound) Position: 144° / 356 m Dir: West; Behavior: not indicated Total 3 — 1 Calf at sighting
Fair	0	0	3	03 9:25:00 PDT SO	16:25-GMT El Southern Sea otter Position: 165° / 607 m Dir: Stationary; Behavior: with gull(s) • in open water • Diving Total 1 — 0 Pups at sighting
Fair	0	0	3	04 9:31:00 PDT SV	16:31-GMT Whale watching Condor Express Position: 99° / 2,872 m Dir: West 1 vessel
Fair	0	3	3	05 11:30:00 SV	18:30-GMT Kayak/canoe (beyond kelp) Position: 113° / 1,228 m Dir: South 1 vessel
Fair	0	3	3	06 12:11:00 SC	19:11-GMT Tt Bottlenose dolphin Position: 125° / 433 m Dir: West; Behavior: not indicated Total 6 — 0 Calves at sighting
Fair	0	3	3	07 12:12:00 SC	19:12-GMT Tt Bottlenose dolphin Position: 154° / 302 m Dir: West; Behavior: not indicated Total 7 — 0 Calves at sighting
Fair	0	3	3	08 12:27:00 SV	19:27-GMT Jet ski Position: 99° / 1,546 m Dir: South 1 vessel
Good	0	3	4	09 13:09:00 SV	20:09-GMT Whale watching Speed Twin Position: 97° / 3,288 m Dir: West 1 vessel
Good	0	3	4	10 13:16:00 SV	20:16-GMT Whale watching Condor Express Position: 96° / 2,872 m Dir: West 1 vessel
Good	0	3	4	11 13:18:00 S	20:18-GMT Er Gray whale (northbound) Position: 97° / 2,872 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Good	0	3	4	12 13:25:00 S	20:25-GMT Er Gray whale (northbound) Position: 132° / 2,553 m Dir: West; Behavior: Slow travel • Fluke Total 1 — 0 Calves at sighting

Apr 21	Day 85 of 105				
	CCvr	Bft	Vis		
Fair	0	1	3	01 9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 139° / 257 m Dir: Stationary; Behavior: with gull(s) • on back, feeding Total 1 — 0 Pups at sighting
Fair	0	1	3	02 9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 176° / 378 m Dir: Stationary; Behavior: with gull(s) Total 1 — 0 Pups at sighting
Fair	0	1	3	03 9:01:00 PDT SO	16:01-GMT El Southern Sea otter Position: 130° / 485 m Dir: Stationary; Behavior: with gull(s) • on back, resting Total 2 — 0 Pups at sighting
Fair	0	1	3	04 9:02:00 PDT SO	16:02-GMT El Southern Sea otter Position: 115° / 1,113 m Dir: Stationary; Behavior: in kelp • on back, resting Total 16 — 0 Pups at sighting
Fair	0	1	3	05 9:02:00 PDT SO	16:02-GMT El Southern Sea otter Position: 106° / 418 m Dir: Stationary; Behavior: with gull(s) Total 1 — 0 Pups at sighting
Fair	0	1	3	06 9:04:00 PDT SO	16:04-GMT El Southern Sea otter Position: 106° / 327 m Dir: Stationary; Behavior: with gull(s) • on back, resting Total 1 — 0 Pups at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	1	3	
	07	9:04:00 PDT SO	16:04-GMT El Southern Sea otter Position: 99° / 715 m Dir: Stationary; Behavior: with gull(s) • in kelp • on back, feeding	Total 1 — 0 Pups at sighting
Fair	0	1	3	
	08	9:14:00 PDT SV	16:14-GMT Private Position: 137° / 2,553 m Dir: North	1 vessel
Fair	0	1	3	
	09	10:01:00 SC	17:01-GMT Tt Bottlenose dolphin Position: 116° / 378 m Dir: West; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	0	1	3	
	10	10:36:00 S	17:36-GMT Er Gray whale (northbound) Position: 101° / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	0	1	3	
	11	11:08:00 SV	18:08-GMT Fish-trap-commercial Provider Position: 99° / 2,872 m Dir: West	1 vessel
Fair	0	1	3	
	12	11:35:00 SV	18:35-GMT Private Position: 112° / 1,778 m Dir: West	1 vessel
Fair	0	1	3	
	13	11:40:00 SV	18:40-GMT Oil services Position: 281° / 3,288 m Dir: South	1 vessel
Fair	0	1	3	
	14	12:42:00 SV	19:42-GMT Whale watching Condor Express Position: 102° / 2,553 m Dir: West	1 vessel
Good	0	2	4	
	15	14:22:00 SV	21:22-GMT Kayak/canoe (beyond kelp) Position: 109° / 1,228 m Dir: West	1 vessel
Good	0	2	4	
	16	14:31:00 SC	21:31-GMT Tt Bottlenose dolphin Position: 107° / 2,553 m Dir: West; Behavior: Slow travel	Total 7 — 0 Calves at sighting
Fair	0	2	3	
	17	14:42:00 SV	21:42-GMT Oil services Position: 260° / 2,872 m Dir: South	1 vessel
Fair	0	2	3	
	18	15:22:00 S	22:22-GMT Er Gray whale (northbound) Position: 170° / 2,094 m Dir: West; Behavior: not indicated	Total 2 — 0 Calves at sighting
Fair	0	2	3	
	19	15:29:00 SV	22:29-GMT Oil services Position: 289° / 3,288 m Dir: South	1 vessel
Fair	0	2	3	
	20	15:46:00 SV	22:46-GMT Dive-commercial Apollo Position: 257° / 2,872 m Dir: East	1 vessel
Fair	0	2	3	
	21	15:49:00 SV	22:49-GMT Helicopter Position: 184° / 700 m Dir: West	1 vessel
Fair	0	2	3	
	22	15:51:00 SC	22:51-GMT Mn Humpback whale Position: 112° / 3,288 m Dir: West	Total 1 — 0 Calves at sighting
Fair	0	3	3	
	23	15:59:00 SV	22:59-GMT Whale watching Condor Express Position: 112° / 2,872 m Dir: West	1 vessel
Fair	0	3	3	
	24	16:33:00 SC	23:33-GMT Mn Humpback whale Position: 200° / 3,288 m Dir: West; Behavior: Slow travel • Fluke	Total 1 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

			Number	Time	Species / Vessel Type		
			Code	Code			
Apr 22	Day 86 of 105						
	CCvr	Bft	Vis				
Fair	0	0	2	01	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 254' / 195 m Dir: Stationary; Behavior: Diving • on back, feeding	Total 1 — 0 Pups at sighting
Fair	0	0	2	02	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 159' / 418 m Dir: Stationary; Behavior: on back, feeding • with gull(s)	Total 1 — 0 Pups at sighting
Fair	0	0	2	03	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 115' / 1,019 m Dir: Stationary; Behavior: Interacting	Total 23 — 0 Pups at sighting
Fair	0	0	2	04	9:28:00 PDT SV	16:28-GMT Dive-commercial Position: 143' / 2,872 m Dir: West	1 vessel
Fair	0	1	2	05	10:07:00 S	17:07-GMT Er Gray whale (northbound) Position: 106' / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	0	1	2	06	10:24:00 S	17:24-GMT Er Gray whale (northbound) Position: 117' / 2,553 m Dir: West; Behavior: not indicated	Total 1 — 0 Calves at sighting
Fair	0	1	2	07	10:51:00 SV	17:51-GMT Fish-trap-commercial Saint Peter Position: 113' / 2,553 m Dir: West	1 vessel
Fair	0	2	3	08	11:38:00 SV	18:38-GMT Helicopter Position: 184' / 150 m Dir: East	1 vessel
Fair	0	2	3	09	11:44:00 SV	18:44-GMT Oil services Position: 250' / 2,553 m Dir: South	1 vessel
Fair	0	3	2	10	11:58:00 SV	18:58-GMT Oil services Position: 274' / 3,288 m Dir: North	1 vessel
Fair	0	3	2	11	12:36:00 SV	19:36-GMT Whale watching Condor Express Position: 100' / 2,872 m Dir: West	1 vessel
Fair	0	3	2	12	13:10:00 SV	20:10-GMT Helicopter Position: 184' / 200 m Dir: West	1 vessel
Fair	0	3	2	13	13:13:00 SC	20:13-GMT ULW unidentified large whale Position: 177' / 3,288 m Dir: West; Behavior: not indicated	Total 1 — 0 Calves at sighting
Fair	0	3	2	14	13:30:00 SV	20:30-GMT Sailboat (motor) Position: 134' / 3,288 m Dir: South	1 vessel
Fair	0	3	2	15	13:45:00 SV	20:45-GMT Helicopter Position: 184' / 200 m Dir: West	1 vessel
Fair	0	3	2	16	13:55:00 SC	20:55-GMT Tt Bottlenose dolphin Position: 159' / 288 m Dir: East; Behavior: Fast travel	Total 2 — 0 Calves at sighting
Fair	0	4	2	17	13:57:00 SV	20:57-GMT Research vessel Position: 143' / 3,288 m Dir: East	1 vessel
Fair	0	5	2	Off-Effort 18	14:23:00 SV	21:23-GMT Fish-commercial Position: 102' / 2,553 m Dir: West	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0 5 2	Off-Effort 19 14:29:00 SV	21:29-GMT Sportfish-private Position: 110° / 2,094 m Dir: West	1 vessel
Fair	0 5 2	Off-Effort 20 14:53:00 SV	21:53-GMT Oil services Position: 255° / 3,288 m Dir: South	1 vessel
Apr 23 Day 87 of 105				
	CCvr Bft Vts			
Fair	0 3 2	01 9:01:00 PDT SO	16:01-GMT El Southern Sea otter Position: 245° / 189 m Dir: East	Total 1 — 0 Pups at sighting
Fair	0 3 2	02 9:03:00 PDT SO	16:03-GMT El Southern Sea otter Position: 122° / 466 m Dir: Stationary	Total 1 — 0 Pups at sighting
Fair	0 3 2	03 9:03:00 PDT SO	16:03-GMT El Southern Sea otter Position: 115° / 1,228 m Dir: Stationary	Total 20 — 0 Pups at sighting
Fair	0 3 2	04 9:04:00 PDT SO	16:04-GMT El Southern Sea otter Position: 146° / 275 m Dir: Stationary	Total 1 — 0 Pups at sighting
Fair	0 3 2	05 9:05:00 PDT SO	16:05-GMT El Southern Sea otter Position: 155° / 578 m Dir: Stationary	Total 1 — 0 Pups at sighting
Fair	0 3 2	06 9:07:00 PDT SO	16:07-GMT El Southern Sea otter Position: 119° / 466 m Dir: ni	Total 1 — 0 Pups at sighting
Fair	0 2 2	07 9:37:00 PDT SC	16:37-GMT Tt Bottlenose dolphin Position: 104° / 607 m Dir: West; Behavior: Slow travel • Milling	Total 3 — 0 Calves at sighting
Apr 24 Day 88 of 105				
	CCvr Bft Vts			
Fair	0 1 2	01 9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 123° / 310 m Dir: Stationary; Behavior: Diving • in kelp	Total 1 — 0 Pups at sighting
Fair	0 1 2	02 9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 121° / 607 m Dir: Stationary; Behavior: with gull(s) • on back, feeding	Total 1 — 0 Pups at sighting
Fair	0 1 2	03 9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 115° / 1,113 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 23 — 0 Pups at sighting
Fair	0 1 2	04 9:02:00 PDT SC	16:02-GMT Tt Bottlenose dolphin Position: 135° / 675 m Dir: West; Behavior: not indicated	Total 4 — 1 Calf at sighting
Fair	0 1 2	05 9:03:00 PDT SV	16:03-GMT Fish-trap-commercial Position: 166° / 2,872 m Dir: West	1 vessel
Fair	0 1 2	06 9:05:00 PDT SV	16:05-GMT Dive-private Position: 112° / 1,369 m Dir: West	1 vessel
Fair	0 1 2	07 9:07:00 PDT SV	16:07-GMT Oil services Position: 232° / 2,872 m Dir: Stationary	1 vessel
Fair	0 0 2	08 9:39:00 PDT S	16:39-GMT Er Gray whale (northbound) Position: 129° / 551 m Dir: West; Behavior: not indicated	Total 2 — 1 Calf at sighting
Fair	0 0 2	09 9:51:00 PDT SV	16:51-GMT Fish-trap-commercial Provider Position: 112° / 2,094 m Dir: West	1 vessel

2008 All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type	
Fair	0 0 2	10 9:58:00 PDT SV 16:58-GMT Oil services Position: 294° / 3,288 m Dir: South	1 vessel
Fair	0 0 2	11 10:08:00 SV 17:08-GMT Oil services Position: 289° / 3,288 m Dir: West	1 vessel
Fair	0 0 2	12 10:19:00 SC 17:19-GMT Tt Bottlenose dolphin Position: 155° / 378 m Dir: East; Behavior: not indicated	Total 5 — 0 Calves at sighting
Fair	0 0 2	13 11:08:00 SV 18:08-GMT Private Position: 268° / 1,369 m Dir: East	1 vessel
Fair	0 0 2	14 11:55:00 S 18:55-GMT Er Gray whale (northbound) Position: 103° / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	0 0 3	15 12:00:00 SV 19:00-GMT Oil services Position: 279° / 3,288 m Dir: South	1 vessel
Fair	0 0 3	16 12:01:00 SV 19:01-GMT Oil services Position: 273° / 3,288 m Dir: North	1 vessel
Fair	0 0 3	17 12:31:00 SV 19:31-GMT Whale watching Condor Express Position: 108° / 2,094 m Dir: West	1 vessel
Fair	0 0 3	18 12:45:00 SV 19:45-GMT Whale watching Speed Twin Position: 103° / 2,872 m Dir: West	1 vessel
Fair	0 0 3	19 13:08:00 SV 20:08-GMT Oil services Position: 279° / 3,288 m Dir: South	1 vessel
Fair	0 0 3	20 13:49:00 SC 20:49-GMT Tt Bottlenose dolphin Position: 117° / 1,778 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting
Fair	0 0 3	21 13:59:00 SV 20:59-GMT Dive-commercial Position: 204° / 418 m Dir: West	1 vessel
Fair	0 0 3	22 14:27:00 SC 21:27-GMT Tt Bottlenose dolphin Position: 159° / 1,113 m Dir: West; Behavior: Fast travel	Total 2 — 0 Calves at sighting
Fair	20 3 3	23 15:02:00 SV 22:02-GMT Jet ski Position: 144° / 228 m Dir: West	1 vessel
Good	20 2 4	24 16:36:00 SC 23:36-GMT Tt Bottlenose dolphin Position: 234° / 639 m Dir: East; Behavior: Milling	Total 1 — 1 Calf at sighting
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	CCvr Bft Vis		
Fair	0 0 2	01 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 114° / 1,019 m Dir: Stationary	Total 26 — 0 Pups at sighting
Fair	0 0 2	02 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 147° / 433 m Dir: Stationary; Behavior: Diving • in open water	Total 1 — 0 Pups at sighting
Fair	0 0 2	03 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 139° / 527 m Dir: East; Behavior: in open water • on back, feeding	Total 1 — 0 Pups at sighting

2008 All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type	
Fair	0 0 2	04 9:00:00 PDT SC	16:00-GMT Mn Humpback whale Position: 135° / 1,228 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	0 0 2	05 10:10:00 SC	17:10-GMT Tt Bottlenose dolphin Position: 112° / 418 m Dir: West; Behavior: Slow travel Total 2 — 0 Calves at sighting
Fair	0 1 3	06 11:29:00 SO	18:29-GMT El Southern Sea otter Position: 160° / 578 m Dir: Stationary; Behavior: with gull(s) • in open water Total 1 — 0 Pups at sighting
Fair	0 1 3	07 11:45:00 SV	18:45-GMT Private Position: 108° / 2,553 m Dir: West 1 vessel
Fair	0 1 3	08 11:46:00 SV	18:46-GMT Oil services Position: 252° / 2,094 m Dir: South 1 vessel
Fair	0 1 3	09 13:09:00 SV	20:09-GMT Oil services Position: 247° / 2,553 m Dir: South 1 vessel
Fair	0 1 3	10 13:13:00 SV	20:13-GMT Helicopter Position: 184° / 300 m Dir: West 1 vessel
Fair	0 1 3	11 13:56:00 SC	20:56-GMT Tt Bottlenose dolphin Position: 224° / 295 m Dir: East; Behavior: Slow travel Total 2 — 0 Calves at sighting
Good	0 2 4	12 16:11:00 SC	23:11-GMT Tt Bottlenose dolphin Position: 176° / 295 m Dir: West; Behavior: not indicated Total 2 — 0 Calves at sighting
Fair	0 1 3	13 16:52:00 SO	23:52-GMT El Southern Sea otter Position: 239° / 157 m Dir: East; Behavior: in surf zone • on back, feeding Total 1 — 0 Pups at sighting
Fair	0 1 3	14 16:58:00 SC	23:58-GMT Tt Bottlenose dolphin Position: 138° / 485 m Dir: West; Behavior: Slow travel Total 5 — 0 Calves at sighting

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CCvr	Blf	Vs	Number	Time Code	Species / Vessel Type	
Fair	0	0	2	01 9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 114° / 871 m Dir: Stationary; Behavior: in kelp • on back, resting Total 26 — 0 Pups at sighting	
Fair	0	0	2	02 9:45:00 PDT SO	16:45-GMT El Southern Sea otter Position: 119° / 198 m Dir: Stationary; Behavior: in surf zone • with gull(s) • on back, feeding Total 1 — 0 Pups at sighting	
Fair	0	0	2	03 9:45:00 PDT SV	16:45-GMT Sportfish-private Position: 160° / 390 m Dir: East 1 vessel	
Fair	0	0	2	04 9:55:00 PDT SO	16:55-GMT El Southern Sea otter Position: 181° / 715 m Dir: East; Behavior: in open water • on back, feeding • with gull(s) Total 1 — 0 Pups at sighting	
Fair	0	0	2	05 10:09:00 SV	17:09-GMT Sportfish-private Position: 104° / 2,872 m Dir: Stationary 1 vessel	
Fair	0	0	2	06 10:20:00 SV	17:20-GMT Private Position: 103° / 2,553 m Dir: West 1 vessel	
Fair	0	0	2	07 10:26:00 SV	17:26-GMT Private Position: 213° / 2,553 m Dir: East 1 vessel	

2008 All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type	
Fair 0 0 2	08 10:39:00 SV	17:39-GMT Sportfish-private Position: 106° / 1,546 m Dir: West	1 vessel
Fair 0 0 2	09 10:39:00 SV	17:39-GMT Sportfish-private Position: 106° / 1,546 m Dir: Stationary	1 vessel
Fair 0 0 2	10 11:09:00 SV	18:09-GMT Sportfish-private Position: 109° / 2,094 m Dir: West	1 vessel
Fair 0 0 2	11 11:10:00 SV	18:10-GMT Sportfish-private Position: 231° / 1,546 m Dir: East	1 vessel
Fair 0 0 3	12 11:20:00 SV	18:20-GMT Private Position: 113° / 2,553 m Dir: West	1 vessel
Fair 0 0 3	13 12:12:00 SV	19:12-GMT Dive-commercial Position: 101° / 2,553 m Dir: West	1 vessel
Fair 0 0 3	14 12:25:00 SV	19:25-GMT Private Position: 108° / 2,553 m Dir: West	1 vessel
Fair 0 0 3	15 12:26:00 SV	19:26-GMT Sportfish-private Island Girl Position: 284° / 1,228 m Dir: East	1 vessel
Fair 0 0 3	16 12:42:00 SV	19:42-GMT Sportfish-private Position: 109° / 2,553 m Dir: West	1 vessel
Fair 0 0 3	17 12:49:00 SV	19:49-GMT Sportfish-private Position: 211° / 1,228 m Dir: West	1 vessel
Fair 0 0 3	18 12:57:00 SV	19:57-GMT Oil services Mr. Clean Position: 240° / 2,553 m Dir: East	1 vessel
Fair 0 0 3	19 15:20:00 SV	22:20-GMT Sportfish-private Position: 251° / 1,546 m Dir: East	1 vessel
Fair 0 1 3	20 15:33:00 SV	22:33-GMT Sportfish-private Position: 253° / 1,228 m Dir: East	1 vessel
Fair 0 1 3	21 15:42:00 SV	22:42-GMT Sportfish-private Position: 285° / 2,553 m Dir: East	1 vessel
Fair 0 1 3	22 16:00:00 SV	23:00-GMT Private Position: 103° / 1,546 m Dir: West	1 vessel
Fair 0 1 3	23 16:05:00 SV	23:05-GMT Sportfish-private Position: 274° / 1,228 m Dir: East	1 vessel
Fair 0 1 3	24 16:34:00 SV	23:34-GMT Oil services Position: 287° / 3,288 m Dir: South	1 vessel
Apr 27 Day 91 of 105 CCvr Bft Vis	01 9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 114° / 1,019 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 25 — 0 Pups at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Poor 80 1 2	02	9:00:00 PDT SV	16:00-GMT Sportfish-private Parker Position: 234° / 551 m Dir: East	1 vessel
Poor 80 1 2	03	9:00:00 PDT SV	16:00-GMT Oil services Position: 239° / 1,778 m Dir: Stationary	1 vessel
Poor 80 1 2	04	9:04:00 PDT SV	16:04-GMT Sportfish-private Position: 109° / 2,094 m Dir: West	1 vessel
Poor 80 1 2	05	9:14:00 PDT SV	16:14-GMT Sportfish-private Position: 113° / 2,872 m Dir: West	1 vessel
Poor 80 1 2	06	9:22:00 PDT SV	16:22-GMT Private Position: 113° / 1,778 m Dir: West	1 vessel
Poor 80 1 2	07	9:38:00 PDT SO	16:38-GMT El Southern Sea otter Position: 125° / 871 m Dir: East; Behavior: in open water ● on back, feeding	Total 1 — 0 Pups at sighting
Poor 80 1 2	08	9:54:00 PDT SV	16:54-GMT Helicopter Position: 184° / 500 m Dir: East	1 vessel
Fair 50 0 3	09	10:01:00 SV	17:01-GMT Private Position: 121° / 2,872 m Dir: West	1 vessel
Fair 50 0 3	10	10:08:00 SV	17:08-GMT Airplane Position: 184° / 50 m Dir: West	1 vessel
Fair 50 0 3	11	10:16:00 SV	17:16-GMT Sportfish-private Position: 211° / 1,369 m Dir: East	1 vessel
Fair 50 0 3	12	10:35:00 SV	17:35-GMT Sportfish-private Position: 194° / 378 m Dir: East	1 vessel
Fair 40 0 3	13	11:29:00 SV	18:29-GMT Helicopter Position: 184° / 300 m Dir: West	1 vessel
Fair 40 0 3	14	11:36:00 SV	18:36-GMT Private Position: 104° / 2,872 m Dir: West	1 vessel
Fair 40 1 3	15	12:30:00 SV	19:30-GMT Helicopter Position: 184° / 400 m Dir: West	1 vessel
Fair 40 1 3	16	12:32:00 SV	19:32-GMT Barge/tug Position: 219° / 3,288 m Dir: East	1 vessel
Fair 40 1 3	17	12:42:00 SV	19:42-GMT Private Position: 105° / 1,228 m Dir: West	1 vessel
Fair 40 1 3	18	12:50:00 S	19:50-GMT Er Gray whale (northbound) Position: 105° / 505 m Dir: West; Behavior: not indicated	Total 2 — 1 Calf at sighting
Fair 35 1 3	19	13:39:00 SV	20:39-GMT Sportfish-private Position: 259° / 1,546 m Dir: West	1 vessel
Fair 35 1 3	20	13:52:00 SV	20:52-GMT Oil services Delilah Position: 127° / 2,553 m Dir: West	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	35	1 3	21 13:55:00 S	20:55-GMT Er Gray whale (northbound) Position: 120° / 761 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	40	1 3	22 14:53:00 SV	21:53-GMT Sportfish-private My Three Sons Position: 151° / 390 m Dir: Stationary 1 vessel
Fair	40	1 3	23 15:05:00 SV	22:05-GMT Helicopter Position: 184° / 200 m Dir: West 1 vessel
Fair	40	1 3	24 15:23:00 SV	22:23-GMT Oil services Position: 288° / 3,288 m Dir: West 1 vessel
Fair	40	1 3	25 15:27:00 SV	22:27-GMT Sportfish-private Position: 254° / 1,778 m Dir: East 1 vessel
Fair	40	1 3	26 15:36:00 SV	22:36-GMT Private Position: 104° / 2,094 m Dir: West 1 vessel
Fair	40	1 3	27 15:50:00 S	22:50-GMT Er Gray whale (northbound) Position: 116° / 812 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	40	1 3	28 16:33:00 SV	23:33-GMT Oil services Position: 106° / 2,553 m Dir: West 1 vessel

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CCvr Bft Vis

Fair	5	0 2	01 9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 114° / 1,019 m Dir: Stationary; Behavior: in kelp • on back, resting Total 19 — 0 Pups at sighting
Fair	5	0 2	02 9:01:00 PDT SO	16:01-GMT El Southern Sea otter Position: 239° / 433 m Dir: Stationary; Behavior: in kelp • on back, feeding Total 1 — 0 Pups at sighting
Fair	5	0 2	03 9:06:00 PDT SV	16:06-GMT Sportfish-private Position: 279° / 1,778 m Dir: East 1 vessel
Fair	5	0 2	04 9:07:00 PDT SV	16:07-GMT Kelp harvester Position: 96° / 2,094 m Dir: North 1 vessel
Fair	5	0 2	05 10:10:00 SV	17:10-GMT Oil services Position: 274° / 3,288 m Dir: South 1 vessel
Fair	20	0 2	06 10:36:00 SV	17:36-GMT Sportfish-private Position: 99° / 2,553 m Dir: West 1 vessel
Fair	20	0 2	07 10:40:00 SV	17:40-GMT Sportfish-commercial Position: 128° / 3,288 m Dir: West 1 vessel
Fair	20	0 2	08 11:04:00 SV	18:04-GMT Oil services Little Tug Position: 107° / 2,553 m Dir: West 1 vessel
Fair	20	0 2	09 11:32:00 SV	18:32-GMT Fish-trap-commercial Provider Position: 101° / 2,553 m Dir: West 1 vessel
Fair	40	0 3	10 12:25:00 SV	19:25-GMT Oil services Position: 259° / 2,553 m Dir: South 1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	40	0 3	11 12:25:00 SV 19:25-GMT Barge/tug Position: 194° / 2,872 m Dir: East	1 vessel
Fair	40	0 2	12 12:43:00 SC 19:43-GMT Tt Bottlenose dolphin Position: 161° / 275 m Dir: East; Behavior: Slow travel	Total 2 — 0 Calves at sighting
Fair	40	0 2	13 12:52:00 SV 19:52-GMT Oil services Position: 280° / 3,288 m Dir: North	1 vessel
Fair	90	2 3	14 16:50:00 SV 23:50-GMT Private Position: 265° / 639 m Dir: East	1 vessel
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	CCvr	Blt	Vts	
Poor	0	3 2	01 9:00:00 PDT SV 16:00-GMT Barge/tug C F Campbell Position: 273° / 1,019 m Dir: Stationary	1 vessel
Poor	0	3 2	02 9:00:00 PDT SV 16:00-GMT Oil services Delilah Position: 275° / 1,113 m Dir: Stationary	1 vessel
Poor	0	3 2	03 9:00:00 PDT SV 16:00-GMT Oil services Position: 284° / 1,228 m Dir: Stationary	1 vessel
Poor	0	3 2	04 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 244° / 288 m Dir: Stationary; Behavior: in open water • Diving	Total 1 — 0 Pups at sighting
Poor	0	3 2	05 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 114° / 1,019 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 24 — 0 Pups at sighting
Poor	0	3 2	06 10:23:00 SV 17:23-GMT Oil services Position: 281° / 3,288 m Dir: South	1 vessel
Poor	0	3 2	07 10:34:00 SV 17:34-GMT Oil services Position: 273° / 3,288 m Dir: South	1 vessel
Poor	0	3 2	08 10:38:00 S 17:38-GMT Er Gray whale (northbound) Position: 123° / 1,369 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0	3 2	09 11:11:00 S 18:11-GMT Er Gray whale (northbound) Position: 121° / 715 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	0	3 2	10 11:28:00 SV 18:28-GMT Dive-research Position: 271° / 2,094 m Dir: East	1 vessel
Fair	0	3 2	11 11:32:00 SV 18:32-GMT Oil services Position: 279° / 3,288 m Dir: South	1 vessel
Fair	0	3 3	12 12:35:00 SV 19:35-GMT Helicopter Position: 184° / 75 m Dir: West	1 vessel
Fair	0	3 3	13 13:20:00 SV 20:20-GMT Helicopter Position: 184° / 300 m Dir: West	1 vessel
Fair	0	3 3	14 13:39:00 SC 20:39-GMT Tt Bottlenose dolphin Position: 128° / 466 m Dir: East; Behavior: Slow travel	Total 7 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	3	3	15 14:05:00 SV 21:05-GMT Airplane Position: 184° / 200 m Dir: East 1 vessel
Fair	0	4	3	16 14:08:00 SV 21:08-GMT Oil services Position: 235° / 2,553 m Dir: South 1 vessel
Apr 30 Day 94 of 105				
	CCvr	Bft	Vis	
Good	5	3	4	01 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 114° / 1,019 m Dir: Stationary; Behavior: in kelp • on back, resting Total 22 — 0 Pups at sighting
Good	5	3	4	02 9:02:00 PDT SO 16:02-GMT El Southern Sea otter Position: 124° / 356 m Dir: Stationary; Behavior: on back, feeding • in kelp • with gull(s) Total 1 — 0 Pups at sighting
Good	5	3	4	03 9:02:00 PDT SO 16:02-GMT El Southern Sea otter Position: 119° / 449 m Dir: Stationary; Behavior: in kelp • on back, resting Total 5 — 0 Pups at sighting
Good	5	3	4	04 9:06:00 PDT SC 16:06-GMT Mn Humpback whale Position: 177° / 3,288 m Dir: Stationary; Behavior: not indicated Total 2 — 1 Calf at sighting
Good	5	3	4	05 10:00:00 SV 17:00-GMT Oil services Delilah Position: 106° / 2,872 m Dir: West 1 vessel
Good	5	3	4	06 10:12:00 SV 17:12-GMT Dive-research Position: 276° / 1,778 m Dir: East 1 vessel
Fair	5	4	4	07 10:21:00 SC 17:21-GMT ULW unidentified large whale Position: 210° / 3,288 m Dir: ni; Behavior: not indicated Total 1 — 0 Calves at sighting
Fair	5	4	4	08 10:22:00 S 17:22-GMT Er Gray whale (northbound) Position: 221° / 418 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	5	4	4	09 10:36:00 SV 17:36-GMT Dive-commercial Position: 134° / 812 m Dir: West 1 vessel
Fair	5	4	4	10 10:37:00 SV 17:37-GMT Oil services Position: 239° / 3,288 m Dir: West 1 vessel
Fair	5	4	4	11 10:43:00 SV 17:43-GMT Barge/tug Position: 201° / 2,872 m Dir: West 1 vessel
Fair	5	4	4	12 10:48:00 SV 17:48-GMT Helicopter Position: 124° / 3000 m Dir: South 1 vessel
Poor	5	4	2	13 13:19:00 SV 20:19-GMT Helicopter Position: 184° / 50 m Dir: East 1 vessel
Fair	30	4	3	14 14:18:00 S 21:18-GMT Er Gray whale (northbound) Position: 110° / 607 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	30	4	3	15 14:20:00 S 21:20-GMT Er Gray whale (northbound) Position: 136° / 715 m Dir: West; Behavior: Slow travel Total 1 — 0 Calves at sighting
Fair	30	4	3	16 14:52:00 S 21:52-GMT Er Gray whale (northbound) Position: 169° / 356 m Dir: ni; Behavior: Slow travel Total 2 — 1 Calf at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	30	3	3	17 16:00:00 S 23:00-GMT Er Gray whale (northbound) Position: 103° / 2,094 m Dir: West; Behavior: not indicated Total 2 — 1 Calf at sighting
May 01 Day 95 of 105				
	CCvr	Bft	Vis	
Fair	0	3	2	01 9:00:00 PDT SO 16:00-GMT El Southern Sea otter Position: 108° / 1,019 m Dir: Stationary; Behavior: in kelp • on back, resting Total 26 — 0 Pups at sighting
Fair	0	3	2	02 9:00:00 PDT SV 16:00-GMT Barge/tug Position: 200° / 2,872 m Dir: South 1 vessel
Fair	0	3	2	03 9:00:00 PDT SV 16:00-GMT Oil services Delilah Position: 266° / 1,019 m Dir: Stationary 1 vessel
Fair	0	3	2	04 9:00:00 PDT SV 16:00-GMT Oil services Position: 284° / 1,228 m Dir: Stationary 1 vessel
Fair	0	3	2	05 9:02:00 PDT SV 16:02-GMT Oil services Position: 286° / 3,288 m Dir: North 1 vessel
Fair	0	3	2	06 9:32:00 PDT SV 16:32-GMT Oil services Position: 232° / 3,288 m Dir: Stationary 1 vessel
Fair	0	3	2	07 10:08:00 SO 17:08-GMT El Southern Sea otter Position: 99° / 578 m Dir: Stationary; Behavior: in open water • on back, feeding • with gull(s) Total 1 — 0 Pups at sighting
Fair	0	3	2	08 10:11:00 SV 17:11-GMT Oil services Position: 284° / 3,288 m Dir: South 1 vessel
Fair	0	2	3	09 10:40:00 S 17:40-GMT Er Gray whale (northbound) Position: 112° / 2,094 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	0	2	3	10 11:21:00 SV 18:21-GMT Private Position: 105° / 3,288 m Dir: West 1 vessel
Fair	0	2	3	11 11:29:00 S 18:29-GMT Er Gray whale (northbound) Position: 114° / 1,228 m Dir: West; Behavior: not indicated Total 2 — 1 Calf at sighting
Fair	0	2	3	12 11:39:00 S 18:39-GMT Er Gray whale (northbound) Position: 210° / 336 m Dir: West; Behavior: not indicated Total 2 — 1 Calf at sighting
Fair	0	2	3	13 11:57:00 SV 18:57-GMT Oil services Position: 235° / 2,553 m Dir: South 1 vessel
Good	0	2	3	14 12:51:00 SV 19:51-GMT Oil services Position: 271° / 3,288 m Dir: South 1 vessel
Fair	0	3	2	15 13:13:00 SC 20:13-GMT Tt Bottlenose dolphin Position: 112° / 1,019 m Dir: West; Behavior: Slow travel • Milling Total 9 — 0 Calves at sighting
Fair	0	3	2	16 13:18:00 SV 20:18-GMT Jet ski Position: 140° / 327 m Dir: West 1 vessel
Fair	0	3	2	17 14:18:00 SV 21:18-GMT Sailboat Position: 268° / 3,288 m Dir: East 1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	3	2	18 15:18:00 S 22:18-GMT Er Gray whale (northbound) Position: 141° / 433 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	0	3	2	19 15:54:00 SC 22:54-GMT Tt Bottlenose dolphin Position: 250° / 466 m Dir: East; Behavior: not indicated Total 4 — 0 Calves at sighting
Fair	0	3	2	20 15:55:00 S 22:55-GMT Er Gray whale (northbound) Position: 151° / 404 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
May 02 Day 96 of 105				
	CCvr	Bft	Vis	
Fair	0	1	2	01 8:55:00 PDT SO 15:55-GMT El Southern Sea otter Position: 157° / 356 m Dir: Stationary; Behavior: in open water • Diving • with gull(s) Total 1 — 0 Pups at sighting
Fair	0	1	2	02 8:55:00 PDT SO 15:55-GMT El Southern Sea otter Position: 112° / 939 m Dir: Stationary; Behavior: on back, resting • in kelp Total 36 — 0 Pups at sighting
Fair	0	1	2	03 8:55:00 PDT SO 15:55-GMT El Southern Sea otter Position: 159° / 1,019 m Dir: Stationary; Behavior: in open water • on back, resting Total 1 — 0 Pups at sighting
Fair	0	1	2	04 8:55:00 PDT SO 15:55-GMT El Southern Sea otter Position: 119° / 551 m Dir: Stationary; Behavior: in kelp • on back, resting Total 1 — 0 Pups at sighting
Fair	0	1	2	05 8:55:00 PDT SO 15:55-GMT El Southern Sea otter Position: 100° / 1,019 m Dir: Stationary; Behavior: in open water • on back, resting Total 1 — 0 Pups at sighting
Fair	0	1	2	06 8:55:00 PDT S 15:55-GMT Er Gray whale (northbound) Position: 114° / 1,778 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	0	1	2	07 8:56:00 PDT SV 15:56-GMT Sportfish-private Position: 149° / 449 m Dir: West 1 vessel
Fair	0	1	2	08 8:56:00 PDT SV 15:56-GMT Private Position: 140° / 840 m Dir: West 1 vessel
Fair	0	1	2	09 9:00:00 PDT SV 16:00-GMT Kelp harvester Position: 99° / 1,113 m Dir: Stationary 1 vessel
Fair	0	1	2	10 9:16:00 PDT SV 16:16-GMT Oil services Position: 274° / 3,288 m Dir: South 1 vessel
Fair	0	1	2	11 10:15:00 SV 17:15-GMT Private Position: 104° / 2,553 m Dir: West 1 vessel
Good	0	1	3	12 10:55:00 SV 17:55-GMT Private Position: 225° / 3,288 m Dir: East 1 vessel
Good	0	1	3	13 11:10:00 SV 18:10-GMT Oil services Position: 224° / 3,288 m Dir: South 1 vessel
Good	0	1	3	14 11:12:00 SV 18:12-GMT Private Position: 267° / 1,546 m Dir: East 1 vessel
Good	0	1	3	15 11:21:00 S 18:21-GMT Er Gray whale (northbound) Position: 151° / 578 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	1 3	16 11:40:00 SV 18:40-GMT Private Position: 267° / 2,094 m Dir: East	1 vessel
Good	0	1 3	17 12:18:00 SV 19:18-GMT Oil services Position: 278° / 3,288 m Dir: South	1 vessel
Good	0	1 3	18 12:38:00 SC 19:38-GMT Tt Bottlenose dolphin Position: 147° / 449 m Dir: East; Behavior: not indicated	Total 4 — 0 Calves at sighting
Good	0	1 3	19 12:40:00 SV 19:40-GMT Helicopter Position: 184° / 150 m Dir: West	1 vessel
Good	0	2 3	20 12:53:00 S 19:53-GMT Er Gray whale (northbound) Position: 107° / 2,094 m Dir: West; Behavior: Slow travel	Total 5 — 2 Calves at sighting
Fair	0	3 2	21 13:16:00 SV 20:16-GMT Dive-research Position: 174° / 302 m Dir: East	1 vessel
Good	0	3 3	22 14:59:00 SV 21:59-GMT Fish-trap-commercial Position: 159° / 1,228 m Dir: East	1 vessel
Good	0	3 3	23 15:00:00 SV 22:00-GMT Fish-commercial Position: 209° / 189 m Dir: Stationary	1 vessel
Good	10	2 3	24 15:02:00 SV 22:02-GMT Oil services Position: 233° / 2,872 m Dir: Stationary	1 vessel
Good	10	1 3	25 16:04:00 SV 23:04-GMT Private Position: 244° / 578 m Dir: East	1 vessel

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	CCvr	Bft	Vis	Number	Time Code	Species / Vessel Type	
Poor	0	3	1.7	01	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 113° / 1,019 m Dir: Stationary; Behavior: in open water • on back, resting	Total 31 — 0 Pups at sighting
Poor	0	3	1.7	02	9:01:00 PDT SV	16:01-GMT Sportfish-private Position: 260° / 1,294 m Dir: West	1 vessel
Poor	0	3	1.7	03	9:02:00 PDT SV	16:02-GMT Oil services Position: 271° / 3,288 m Dir: North	1 vessel
Poor	0	3	1.7	04	9:02:00 PDT SV	16:02-GMT Oil services Position: 280° / 3,288 m Dir: South	1 vessel
Poor	0	3	1.7	05	9:06:00 PDT SO	16:06-GMT El Southern Sea otter Position: 124° / 390 m Dir: Stationary; Behavior: on back, feeding • with gull(s)	Total 1 — 0 Pups at sighting
Poor	0	3	1.7	06	9:41:00 PDT SV	16:41-GMT Private Position: 99° / 2,872 m Dir: West	1 vessel
Fair	0	3	2	07	10:23:00 S	17:23-GMT Er Gray whale (northbound) Position: 106° / 2,553 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
Fair	0	3	2	08	10:41:00 SC	17:41-GMT Mn Humpback whale Position: 208° / 3,288 m Dir: West; Behavior: Slow travel	Total 4 — 0 Calves at sighting

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	0	3	2	09 10:42:00 SV 17:42-GMT Dive-private Position: 110° / 1,546 m Dir: West 1 vessel
Fair	0	3	2	10 11:04:00 SV 18:04-GMT Sailboat (motor) Position: 114° / 3,288 m Dir: West 1 vessel
Fair	0	3	2	11 11:12:00 SV 18:12-GMT Oil services Position: 292° / 3,288 m Dir: South 1 vessel
Fair	0	3	2	12 11:46:00 SV 18:46-GMT Sportfish-private Position: 246° / 2,553 m Dir: East 1 vessel
Fair	15	3	2	13 12:38:00 S 19:38-GMT Er Gray whale (northbound) Position: 142° / 939 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	40	3	2	14 13:00:00 SV 20:00-GMT Private Position: 109° / 871 m Dir: South 1 vessel
Fair	40	3	2	15 13:04:00 S 20:04-GMT Er Gray whale (northbound) Position: 147° / 505 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	40	3	2	16 13:10:00 SV 20:10-GMT Private Position: 126° / 578 m Dir: West 1 vessel
Fair	40	3	2	17 13:36:00 SV 20:36-GMT Jet ski Position: 166° / 212 m Dir: West 1 vessel
Fair	75	3	2	18 14:48:00 SV 21:48-GMT Sportfish-commercial Stardust Position: 256° / 1,113 m Dir: East 1 vessel
Fair	75	1	2	19 14:54:00 S 21:54-GMT Er Gray whale (northbound) Position: 105° / 1,369 m Dir: West; Behavior: Slow travel Total 2 — 1 Calf at sighting
Fair	75	1	2	20 15:02:00 SV 22:02-GMT Kayak/canoe (beyond kelp) Position: 114° / 715 m Dir: West 1 vessel
Fair	100	2	2	21 15:18:00 SV 22:18-GMT Dive-commercial Apollo Position: 242° / 1,546 m Dir: East 1 vessel
Fair	100	2	2	22 15:52:00 SV 22:52-GMT Private Position: 275° / 639 m Dir: East 1 vessel
Poor	100	2	1.7	23 16:17:00 SV 23:17-GMT Sportfish-private Position: 253° / 1,546 m Dir: East 1 vessel
Poor	100	2	1.7	24 16:26:00 SV 23:26-GMT Private Position: 259° / 2,872 m Dir: East 1 vessel
Poor	100	2	2	25 16:29:00 SV 23:29-GMT Oil services Position: 284° / 1,546 m Dir: South 1 vessel
Poor	100	2	2	26 16:48:00 SV 23:48-GMT Private Position: 235° / 1,113 m Dir: East 1 vessel

2008 All Sighting Numbers, Raw

			Number	Time	Species / Vessel Type			
				Code				
May 04			Day 98 of 105					
	CCvr	Bft	Vts					
Fair	90	3	3	01	9:05:00 PDT SV	16:05-GMT Oil services Position: 239° / 3,288 m Dir: Stationary	1 vessel	
Fair	90	3	3	02	9:06:00 PDT SO	16:06-GMT El Southern Sea otter Position: 114° / 1,113 m Dir: Stationary; Behavior: not indicated	Total 30 — 0 Pups at sighting	
Fair	90	3	3	03	9:10:00 PDT SO	16:10-GMT El Southern Sea otter Position: 127° / 485 m Dir: East; Behavior: in kelp • on back, feeding • with gull(s)	Total 1 — 0 Pups at sighting	
Fair	60	2	3	04	9:23:00 PDT SO	16:23-GMT El Southern Sea otter Position: 151° / 336 m Dir: Stationary; Behavior: in open water • on back, feeding • with gull(s)	Total 1 — 0 Pups at sighting	
Fair	60	2	3	05	9:47:00 PDT SO	16:47-GMT El Southern Sea otter Position: 131° / 639 m Dir: Stationary; Behavior: in kelp • Swimming	Total 2 — 0 Pups at sighting	
Fair	60	2	3	06	9:47:00 PDT SO	16:47-GMT El Southern Sea otter Position: 131° / 527 m Dir: Stationary; Behavior: in kelp • Swimming	Total 1 — 0 Pups at sighting	
Fair	80	2	2	07	11:27:00 SV	18:27-GMT Sailboat (motor) Uproarius Position: 129° / 3,288 m Dir: West	1 vessel	
Fair	80	3	2	08	11:40:00 SV	18:40-GMT Sportfish-private Position: 229° / 2,872 m Dir: East	1 vessel	
Fair	80	3	2	09	12:01:00 SV	19:01-GMT Jet ski Position: 104° / 2,553 m Dir: Stationary	1 vessel	
Fair	80	3	2	10	12:11:00 SV	19:11-GMT Jet ski Position: 149° / 327 m Dir: West	1 vessel	
Fair	80	3	2	11	12:17:00 SV	19:17-GMT Sportfish-private Position: 291° / 1,778 m Dir: East	1 vessel	
Fair	80	3	2	12	12:28:00 SV	19:28-GMT Private Position: 254° / 1,019 m Dir: East	1 vessel	
Fair	80	3	2	13	12:30:00 SV	19:30-GMT Sportfish-private Position: 291° / 1,546 m Dir: East	1 vessel	
Fair	80	3	2	14	13:11:00 SV	20:11-GMT Private Patriot Position: 110° / 3,288 m Dir: West	1 vessel	
Fair	80	3	2	15	13:42:00 SV	20:42-GMT Private Position: 224° / 840 m Dir: East	1 vessel	
Fair	90	1	2	16	14:31:00 SV	21:31-GMT Sportfish-private Position: 99° / 3,288 m Dir: West	1 vessel	
Good	0	3	3	17	16:03:00 SV	23:03-GMT Sportfish-private Position: 206° / 505 m Dir: East	1 vessel	
Good	0	3	3	18	16:08:00 SC	23:08-GMT Tt Bottlenose dolphin Position: 284° / 327 m Dir: East; Behavior: Milling	Total 5 — 0 Calves at sighting	

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Good	0	3	3	
	19	16:28:00 SV	23:28-GMT Oil services Position: 281° / 3,288 m Dir: South	1 vessel
Good	0	3	3	
	20	16:31:00 S	23:31-GMT Er Gray whale (northbound) Position: 156° / 639 m Dir: West; Behavior: Slow travel	Total 1 — 0 Calves at sighting
May 05 Day 99 of 105				
		CCvr	Bft	Vis
Fair	100	1	2	
	01	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 259° / 356 m Dir: Stationary; Behavior: in kelp • Diving	Total 1 — 0 Pups at sighting
Fair	100	1	2	
	02	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 230° / 404 m Dir: West; Behavior: on back, feeding • in kelp	Total 1 — 0 Pups at sighting
Fair	100	1	2	
	03	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 151° / 527 m Dir: Stationary; Behavior: in open water • on back, feeding	Total 1 — 0 Pups at sighting
Fair	100	1	2	
	04	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 112° / 466 m Dir: Stationary; Behavior: Diving • in kelp	Total 1 — 0 Pups at sighting
Fair	100	1	2	
	05	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 113° / 578 m Dir: Stationary; Behavior: Swimming • in open water	Total 2 — 0 Pups at sighting
Fair	100	1	2	
	06	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 110° / 1,228 m Dir: Stationary; Behavior: on back, resting • in kelp	Total 27 — 0 Pups at sighting
Fair	100	1	2	
	07	9:00:00 PDT SV	16:00-GMT Kelp harvester Ocean Harvest Position: 94° / 1,546 m Dir: East	1 vessel
Fair	100	1	2	
	08	9:07:00 PDT SV	16:07-GMT Sailboat (motor) Position: 164° / 3,288 m Dir: East	1 vessel
Fair	100	1	2	
	09	9:10:00 PDT SC	16:10-GMT Tt Bottlenose dolphin Position: 235° / 302 m Dir: East; Behavior: Milling • Slow travel	Total 3 — 1 Calf at sighting
Fair	100	1	2	
	10	9:14:00 PDT SV	16:14-GMT Oil services Position: 258° / 3,288 m Dir: South	1 vessel
Fair	100	1	2	
	11	9:19:00 PDT SV	16:19-GMT Dive-commercial Position: 101° / 2,872 m Dir: West	1 vessel
Fair	100	1	2	
	12	9:28:00 PDT SV	16:28-GMT Fish-commercial Ocean Pearl Position: 175° / 3,288 m Dir: South	1 vessel
Fair	100	1	2	
	13	10:13:00 SV	17:13-GMT Dive-research Position: 96° / 2,872 m Dir: West	1 vessel
Fair	95	1	3	
	14	11:27:00 SV	18:27-GMT Fish-trap-commercial Provider Position: 124° / 2,553 m Dir: West	1 vessel
Fair	95	1	3	
	15	11:38:00 S	18:38-GMT Er Gray whale (northbound) Position: 109° / 1,294 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	95	1	3	
	16	11:56:00 SV	18:56-GMT Oil services Position: 261° / 2,872 m Dir: South	1 vessel

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	100	1 2	17 13:05:00 S 20:05-GMT Er Gray whale (northbound) Position: 182° / 485 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	80	3 3	18 15:21:00 SV 22:21-GMT Oil services Position: 286° / 3,288 m Dir: South	1 vessel
Good	80	3 3	19 16:01:00 SV 23:01-GMT Helicopter SBOP Position: 184° / 600 m Dir: East	1 vessel
Fair	60	3 2	20 16:34:00 S 23:34-GMT Er Gray whale (northbound) Position: 105° / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
May 06 Day 100 of 105				
	CCvr	Bft	Vts	
Poor	15	4 2	01 9:48:00 PDT S 16:48-GMT Er Gray whale (northbound) Position: 101° / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Poor	15	4 2	02 11:30:00 SO 18:30-GMT El Southern Sea otter Position: 108° / 1,113 m Dir: Stationary; Behavior: not indicated	Total 33 — 0 Pups at sighting
Fair	5	3 3	03 11:55:00 SV 18:55-GMT Oil services Position: 274° / 3,288 m Dir: South	1 vessel
Fair	5	3 3	04 12:04:00 SV 19:04-GMT Oil services Position: 271° / 3,288 m Dir: North	1 vessel
Fair	15	3 3	05 13:00:00 SV 20:00-GMT Oil services Position: 262° / 3,288 m Dir: South	1 vessel
Poor	90	2 2	06 14:44:00 SV 21:44-GMT Oil services Position: 284° / 3,288 m Dir: South	1 vessel
Poor	100	2 2	07 15:07:00 SV 22:07-GMT Airplane Position: 184° / 50 m Dir: North	1 vessel
Poor	100	2 2	08 15:07:00 SV 22:07-GMT Airplane Position: 184° / 50 m Dir: East	1 vessel
Poor	100	2 2	09 15:45:00 SV 22:45-GMT Private Position: 105° / 2,094 m Dir: West	1 vessel
Fair	70	1 3	10 16:32:00 S 23:32-GMT Er Gray whale (northbound) Position: 104° / 2,553 m Dir: West; Behavior: Slow travel	Total 3 — 1 Calf at sighting
Fair	70	1 3	11 16:37:00 SV 23:37-GMT Fish-trap-commercial Position: 250° / 2,553 m Dir: East	1 vessel
Fair	70	1 3	12 16:46:00 SC 23:46-GMT Tt Bottlenose dolphin Position: 112° / 1,228 m Dir: West; Behavior: Slow travel	Total 5 — 0 Calves at sighting
May 07 Day 101 of 105				
	CCvr	Bft	Vts	
Fair	100	2 2	01 9:00:00 PDT SV 16:00-GMT Oil services Position: 164° / 404 m Dir: West	1 vessel
Fair	100	2 2	02 9:00:00 PDT SV 16:00-GMT Barge/tug Position: 274° / 4,712 m Dir: Stationary	1 vessel

2008 All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type		
Fair 100 2 2	03 9:00:00 PDT SV	16:00-GMT Oil services Little Tug Position: 274° / 1,019 m Dir: Stationary	1 vessel	
Fair 100 2 2	04 9:03:00 PDT SV	16:03-GMT Dive-research Position: 109° / 1,778 m Dir: West	1 vessel	
Fair 100 2 2	05 9:06:00 PDT SV	16:06-GMT Fish-commercial Position: 189° / 2,553 m Dir: West	1 vessel	
Fair 100 2 2	06 9:08:00 PDT S	16:08-GMT Er Gray whale (northbound) Position: 104° / 2,553 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting	
Fair 100 3 3	07 10:25:00 SO	17:25-GMT El Southern Sea otter Position: 150° / 1,778 m Dir: Stationary; Behavior: Diving • with gull(s) • on back, feeding	Total 28 — 0 Pups at sighting	
Fair 100 3 3	08 10:25:00 SO	17:25-GMT El Southern Sea otter Position: 144° / 1,778 m Dir: Stationary; Behavior: on back, resting • Diving	Total 1 — 0 Pups at sighting	
Fair 100 3 3	09 10:25:00 SO	17:25-GMT El Southern Sea otter Position: 119° / 288 m Dir: Stationary; Behavior: Diving • on back, resting	Total 1 — 0 Pups at sighting	
Fair 100 3 3	10 10:25:00 SO	17:25-GMT El Southern Sea otter Position: 115° / 1,228 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 17 — 0 Pups at sighting	
Good 50 3 4	11 12:52:00 SV	19:52-GMT Sportfish-private Position: 104° / 2,872 m Dir: West	1 vessel	
Good 50 3 4	12 13:00:00 SV	20:00-GMT Oil services Position: 277° / 3,288 m Dir: South	1 vessel	
Fair 100 2 3	13 14:45:00 SV	21:45-GMT Oil services Position: 267° / 3,288 m Dir: South	1 vessel	
Good 20 3 3	14 16:02:00 SV	23:02-GMT Helicopter SBOP Position: 184° / 500 m Dir: West	1 vessel	
Fair 20 4 3	15 16:27:00 SC	23:27-GMT Mn Humpback whale Position: 149° / 3,288 m Dir: Stationary; Behavior: Breach	Total 1 — 0 Calves at sighting	
Fair 20 3 3	16 16:29:00 SV	23:29-GMT Oil services Position: 275° / 3,288 m Dir: South	1 vessel	
Fair 20 3 3	17 16:36:00 SV	23:36-GMT Helicopter SBOP Position: 144° / 1000 m Dir: West	1 vessel	
Fair 20 3 3	18 16:43:00 SC	23:43-GMT Tt Bottlenose dolphin Position: 181° / 281 m Dir: East; Behavior: Fast travel	Total 4 — 0 Calves at sighting	
May 08 Day 102 of 105				
	CCvr	Bft	Vis	
Fair 35 1 2	01 9:00:00 PDT SC	16:00-GMT Tt Bottlenose dolphin Position: 174° / 356 m Dir: West; Behavior: not indicated	Total 12 — 3 Calves at sighting	
Fair 35 1 2	02 9:01:00 PDT SV	16:01-GMT Oil services Position: 274° / 3,288 m Dir: South	1 vessel	

2008 All Sighting Numbers, Raw

	Number	Time Code	Species / Vessel Type	
Fair	35	1 2	03 9:06:00 PDT SV Kelp harvester Ocean Harvest Position: 103° / 1,546 m Dir: East	1 vessel
Fair	35	1 2	04 9:12:00 PDT S Er Gray whale (northbound) Position: 139° / 505 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	35	1 2	05 9:35:00 PDT SO El Southern Sea otter Position: 114° / 1,113 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 26 — 0 Pups at sighting
Good	30	3 3	06 9:48:00 PDT S Er Gray whale (northbound) Position: 128° / 551 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Fair	35	1 2	07 9:59:00 PDT SV Oil services Position: 284° / 3,288 m Dir: South	1 vessel
Fair	90	1 2	08 10:01:00 SC Tt Bottlenose dolphin Position: 274° / 378 m Dir: West; Behavior: not indicated	Total 2 — 0 Calves at sighting
Fair	90	1 3	09 10:19:00 SV Sportfish-private Position: 116° / 3,288 m Dir: West	1 vessel
Good	30	2 3	10 11:15:00 S Er Gray whale (northbound) Position: 196° / 607 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	30	3 3	11 11:56:00 SV Oil services Position: 274° / 3,288 m Dir: South	1 vessel
Good	30	3 3	12 12:05:00 SV Oil services Position: 270° / 3,288 m Dir: North	1 vessel
Good	30	2 3	13 12:09:00 SV Whale watching Condor Express Position: 194° / 3,288 m Dir: North	1 vessel
Good	30	2 3	14 13:06:00 SV Airplane Position: 164° / ni Dir: West	1 vessel
Good	5	1 3	15 14:45:00 SV Oil services Position: 276° / 3,288 m Dir: South	1 vessel
Good	5	1 3	16 14:46:00 SV Helicopter SBOP Position: 134° / 800 m Dir: West	1 vessel
Good	5	1 3	17 15:09:00 S Er Gray whale (northbound) Position: 106° / 1,778 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting
Good	5	1 3	18 16:12:00 SV Fish-trap-commercial Sea Fever Position: 274° / 3,288 m Dir: East	1 vessel
Good	5	1 3	19 16:32:00 SV Oil services Position: 274° / 3,288 m Dir: East	1 vessel

May 09 Day 103 of 105

CCvr Bft Vts

Poor 100 0 1.7

	01	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 138° / 390 m Dir: East; Behavior: in kelp • on back, feeding	Total 1 — 0 Pups at sighting
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2008 All Sighting Numbers, Raw

Number	Time Code	Species / Vessel Type				
Poor	100	0	1.7	02 9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 114° / 1,113 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 18 — 0 Pups at sighting
Poor	100	0	1.7	03 9:00:00 PDT SV	16:00-GMT Dive-research Position: 106° / 2,872 m Dir: Stationary	1 vessel
Poor	100	0	1.7	04 9:00:00 PDT SV	16:00-GMT Sportfish-private Position: 124° / 1,228 m Dir: Stationary	1 vessel
Poor	100	0	1.7	05 9:32:00 PDT SV	16:32-GMT Oil services Position: 259° / 2,553 m Dir: South	1 vessel
Poor	100	0	1.7	06 10:29:00 SV	17:29-GMT Research vessel Zephyr and Survey Position: 115° / 3,288 m Dir: West	1 vessel
Poor	100	0	1.7	07 10:31:00 SV	17:31-GMT Sportfish-private Position: 113° / 2,094 m Dir: West	1 vessel
Poor	100	0	1.7	08 10:43:00 SV	17:43-GMT Helicopter Position: 104° / 30 m Dir: East	1 vessel
Poor	100	0	1.7	09 10:45:00 SV	17:45-GMT Dive-commercial Position: 109° / 2,553 m Dir: West	1 vessel
Poor	100	0	1.7	10 10:45:00 SV	17:45-GMT Sportfish-private Position: 114° / 2,094 m Dir: West	1 vessel
Poor	100	0	1.7	11 11:57:00 SV	18:57-GMT Oil services Position: 259° / 2,553 m Dir: South	1 vessel
Poor	100	0	1.7	12 12:05:00 SV	19:05-GMT Kayak/canoe (beyond kelp) Position: 110° / 1,019 m Dir: South	1 vessel
Fair	100	0	2	13 13:37:00 SV	20:37-GMT Sportfish-private Position: 231° / 939 m Dir: East	1 vessel
Fair	100	2	2	14 13:50:00 SC	20:50-GMT Tt Bottlenose dolphin Position: 106° / 715 m Dir: West; Behavior: Slow travel	Total 6 — 1 Calf at sighting
Fair	100	2	2	15 14:15:00 SV	21:15-GMT Dive-private Parker Position: 249° / 812 m Dir: East	1 vessel
Fair	100	3	3	16 14:40:00 SV	21:40-GMT Oil services Position: 268° / 3,288 m Dir: North	1 vessel
Fair	100	3	3	17 14:42:00 SV	21:42-GMT Oil services Position: 292° / 3,288 m Dir: South	1 vessel
Fair	100	3	3	18 16:07:00 SV	23:07-GMT Fish-trap-commercial Position: 258° / 2,094 m Dir: East	1 vessel
Fair	100	3	3	19 16:30:00 SV	23:30-GMT Oil services Position: 289° / 3,288 m Dir: South	1 vessel

2008 All Sighting Numbers, Raw

			Number	Time	Species / Vessel Type			
				Code				
May 10 Day 104 of 105								
	CCvr	Bft	Vs					
Poor	100	1	2	01	9:00:00 PDT SO	16:00-GMT El Southern Sea otter Position: 113° / 1,228 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 17 — 0 Pups at sighting	
Poor	100	1	2	02	9:04:00 PDT SV	16:04-GMT Whale watching Condor Express Position: 96° / 2,872 m Dir: West	1 vessel	
Poor	100	1	2	03	9:10:00 PDT S	16:10-GMT Er Gray whale (northbound) Position: 99° / 2,872 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting	
Poor	100	1	2	04	9:17:00 PDT SV	16:17-GMT Private Position: 102° / 2,872 m Dir: West	1 vessel	
Fair	100	2	2	05	11:42:00 SC	18:42-GMT Tt Bottlenose dolphin Position: 110° / 1,228 m Dir: West; Behavior: Slow travel	Total 3 — 0 Calves at sighting	
Fair	70	3	2	06	13:56:00 SO	20:56-GMT El Southern Sea otter Position: 147° / 167 m Dir: Stationary; Behavior: not indicated	Total 1 — 0 Pups at sighting	
Fair	70	0	3	07	15:57:00 SV	22:57-GMT Whale watching Speed Twin Position: 96° / 3,288 m Dir: West	1 vessel	
Fair	70	0	3	08	16:00:00 S	23:00-GMT Er Gray whale (northbound) Position: 97° / 2,872 m Dir: West; Behavior: Slow travel	Total 2 — 1 Calf at sighting	
May 11 Day 105 of 105								
	CCvr	Bft	Vs					
Poor	100	1	1.7	01	9:06:00 PDT SO	16:06-GMT El Southern Sea otter Position: 113° / 1,228 m Dir: Stationary; Behavior: in kelp • on back, resting	Total 18 — 0 Pups at sighting	
Poor	100	1	1.7	02	9:09:00 PDT SO	16:09-GMT El Southern Sea otter Position: 104° / 715 m Dir: Stationary; Behavior: in kelp • Diving	Total 1 — 0 Pups at sighting	
Poor	100	1	1.7	03	9:10:00 PDT SO	16:10-GMT El Southern Sea otter Position: 207° / 466 m Dir: Stationary; Behavior: in open water • Diving	Total 1 — 0 Pups at sighting	
Poor	100	1	1.7	04	9:10:00 PDT SO	16:10-GMT El Southern Sea otter Position: 244° / 269 m Dir: East; Behavior: in kelp • on back, feeding • Diving	Total 1 — 0 Pups at sighting	
Poor	100	1	1.7	05	9:28:00 PDT SC	16:28-GMT Tt Bottlenose dolphin Position: 195° / 433 m Dir: East; Behavior: Slow travel • Milling	Total 8 — 1 Calf at sighting	
Poor	100	1	1.5	06	10:25:00 SC	17:25-GMT Tt Bottlenose dolphin Position: 231° / 367 m Dir: East; Behavior: Fast travel • Milling	Total 6 — 0 Calves at sighting	
Poor	100	1	1.5	07	11:47:00 SV	18:47-GMT Sportfish-private Tom Sawyer Raft Position: 104° / 2,094 m Dir: West	1 vessel	
Poor	100	1	1.5	08	12:13:00 SV	19:13-GMT Sportfish-private Position: 224° / 939 m Dir: East	1 vessel	
Poor	100	1	1.5	09	12:20:00 SO	19:20-GMT El Southern Sea otter Position: 155° / 120 m Dir: Stationary; Behavior: in surf zone • in kelp • on back, feeding	Total 1 — 0 Pups at sighting	
Poor	100	1	1.7	10	12:43:00 SC	19:43-GMT Tt Bottlenose dolphin Position: 104° / 1,369 m Dir: West; Behavior: Slow travel	Total 3 — 1 Calf at sighting	

2008 All Sighting Numbers, Raw

				Number	Time Code	Species / Vessel Type	
Fair	100	1	3	11	14:35:00 SV	21:35-GMT Oil services Position: 282° / 3,288 m Dir: North	1 vessel
Fair	100	1	3	12	15:31:00 SV	22:31-GMT Fish-commercial Position: 236° / 449 m Dir: East	1 vessel
Poor	100	3	2	13	16:21:00 SV	23:21-GMT Oil services Position: 290° / 2,872 m Dir: South	1 vessel