

## 2008 Datasheets with Guides for Data Entry



part of **2008 Gray Whales Count, Survey Report** © Gray Whales Count, 2013, prepared by Michael H Smith, Project Coordinator, Gray Whales Count, Santa Barbara, California, USA.

GRAY WHA	LES COUN	T - MASTER
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10

11

14

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2008 Northbound Migration from Coal Oil Point Reserve, Goleta, CA

DATE: 2008 \_\_\_ PAGE \_\_ OF \_\_\_ TIME BLOW BRNG RTCL DIR TIME B CODE TIME QUAL CL CVR BEAU VIS SIGHT BLOW BRNG RTCL DIR SPP TOTAL CALF % SCALE NM NUM BODY BEHAVIORS NUM NUM COMMENTS Blow Body Blow Blow Blow Blow Body Body Body Body Blow Blow Blow Blow Blow Body Body Body Body Body Blow Blow Blow Blow Blow Body Body Body Body Body Blow Blow Blow Blow Body Body Body Body Body Blow Blow Blow Blow Body Body Body Body Body Blow Blow Blow Blow Body Body Body Body Body Blow Blow Blow Blow Blow Body Body Body Body Body Blow Blow Blow Blow Blow Body Body Body Body Body Blow Blow Blow Blow Blow Body Body Body Body Body Blow Blow Body Body Body Body Body Blow Blow Blow Blow Blow Body Body Body Body Body Blow Blow Blow Blow Blow Body Body Body Body Body Blow Blow Blow Blow Blow Body Body Body Body Body Blow Blow Blow Blow Blow Body Body Body Body Body Blow Blow Blow Blow Blow Body Body Body Body Body Blow Blow Blow Blow Blow Body Body Body Body Body Blow Blow Blow Blow Body Body Body Body Body Blow Blow Blow Body Body NUMBER OF VESSEL PAGES VD AL Hour MD VD AL O O COMMENTS ON DAY Hour 09 13

SEASON TO TODAY — ER

COUNT TODAY — ER

SEASON TOTAL - ER

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## 2008 Entry Guide Master Datasheet

Code		Speci	es			Behaviors (cetaceans)			Quality					
В	Begin Count	Er	Gray whale (northbound)	Esch	richtius robustus, p 204	1	Slow travel	E	Excellent Minimum Visibility 4 nm					
W	Weather + Sea condition update	Er	Gray whale (southbound)	Esch	richtius robustus, p 204	2	Fast travel	G	Good Minimum Visibility 3 nm					
S	Sighting (Er northbound only)	Tt	Bottlenose dolphin	Turc	ops truncatus, p 358	9	Milling	F	Fair Minimum Visibility 2 nm					
sc	Sighting (all other cetaceans, incl Er south)	El	Sea otter	Enhy	dra lutris p 42			Р	Poor					
sv	Sighting Vessels	Mn	Humpback whale	Meg	aptera novaeangliae, p 208	3	Pec slap							
so	Sighting Sea Otters					4			eaufort Scale					
SP	Sighting Pinnipeds (rare: Ma; Cu)	ULW	unidentified large whale			5	Rolling	0	Sea like a mirror; glossy, no sparkles in sun;					
>	continues sighting (same number)	UC	unidentified cetacean			6	Breach		sometimes like ice (less than 1 knot)					
то	Time Out: Suspend survey	D sp	Common dolphin species	Delp	hinus species not determined	7	Fluke	1	Ripples with the appearance of scales are formed;					
TI	Time In: Resume survey	Dc	Common dolphin, Long-beaked	Delp	hinus capensis, p 392	8	Bubbles seen		like sand paper; matte vs. zero-Beaufort gloss;					
T	Terminate: End of survey for day	Dd	Common dolphin, Short-beaked	Delp	hinus delphis, p 388	10	Mud plume		sparkles in sun (1 - 3 knots)					
		Lo	Pacific white-sided dolphin	Lage	Lagenorhynchus obliquidens, p 402		Lob tail	2	Small wavelets are becoming more articulated.					
		Oo	Killer whale	Orcii	nus orca, p 436				Crests have a glassy appearance: no white caps. (4 - 6 knots)					
		Page n	umbers refer to Marine Mammals of	the W	orld. Consult for rarer species.	0	Still, not moving	3	Large wavelets: foam crests begin to appear,					
									but are widely scattered. (7 - 10 knots)					
Dire	ction of Travel	Vesse	l Types			Sea	Otter Attributes + Behaviors	4	Small waves with more frequent white caps,					
N	North (towards mainland)	1	Oil Services	17		30	with tags (note color + foot)		but waves settle instead of breaking; foam along top edge;					
S	South (towards islands)	2	Barge/Tug	18		31	with gull(s)		waves random, not yet organized (11 - 16 knots)					
Е	East (towards Santa Barbara)	3	Whale watching	19		32	Interacting (explain)	5	Moderate waves begin to break with more white caps.					
W	West (towards Point Conception)	4	Kelp harvester	20	Freighter	33	Grooming		Becoming organized, lining up (17 - 21 knots)					
0	Not traveling, still	5		21	Kayak/Canoe (beyond kelp)	34	Swimming							
		6	Private	22	Kite/Wind surfer - interacting	35	35 Diving		spend effort. At this point, it is very difficult to see animals.					
Holl	y - Whale Route past	7	Dive-private	23	Sailboat	36	in kelp	6	Many white caps all around with larger waves forming and					
ı	Inside (between shore + Holly)	8	Dive-commercial	24	Sailboat-motor	37	in open water		breaking. Much foam along lines of waves. (22 - 27 knots)					
0	Outside (beyond Holly)	9	Dive-research	25	Jet ski	38	in surf zone							
nd	not determined	10	Research vessel	26	Enforcement	39	on back, resting							
		11	Fish-commercial	27	Blimp	40	on back feeding (on what)							
Buo	ys - Whale Route Past	12	Fish-trap-commercial	28	Helicopter	nd	not determined							
ı	Inside (between shore + buoys)	13		29	Airplane									
0	Outside (beyond buoys)	14		nd	not determined									
Т	Through the buoys	15	Sportfish-commercial											
nd	not determined	16	Sportfish-private											

Dir	rection of Travel	Ve	ssel Codes				
Ν	North (towards mainland)	1	Oil Services	11	Fish-commercial	21	Kayak/Canoe (beyond kelp)
S	South (towards islands)	2	Barge/Tug	12	Fish-trap-commercial	22	Kite/Wind surfer - interacting
Ε	East (towards Santa Barbara)	3	Whale watching	13		23	Sailboat
W	West (towards Pt Conception)	4	Kelp harvester	14		24	Sailboat-motor
0	Still, anchored (not travelling)	5		15	Sportfish-commercial	25	Jet ski
		6	Private	16	Sportfish-private	26	Enforcement
		7	Dive-private	17	,	27	Blimp
		8	Dive-commercial	18	3	28	Helicopter
		9	Dive-research	19		29	Airplane
		10	Research vessel	20	Freighter	nd	not determined
An	imal Sighting Number	Ve	ssel Action to Ani	mal		Ani	mal Reaction to Vessel
(p	otential interaction)	0	None apparent			0	None apparent
0	None apparent (no animals near vessel)		Change course to vie	Change course to view animal		1	Aviodance of boat
~	Enter Sighting Number of affected animal(	s) 2	Change course to avo	id anim	al	2	Approach boat
	3		Approach head on			3	Alteration of normal activities
		4	Approach from rear		4	Quick dive	
		5	Approach at side	77		5	Long downtime
		6	Approach parallel			9	Contact boat
		7	Approach inside 100	Travel over submerged animal			Disappear
		8	Travel over submerge				Tail lob
		9	Contact animal				Pec slap
		10			14	Spyhop	
		11			15	Rolling	
		12			16	Breach	
		13	Flying below 100 feet			17	Fluke
		nd	not determined		nd	not determined	

GRAY WHALES COUNT - VESSEL LOG

2008 NORTHBOUND MIGRATION FROM COAL OIL POINT RESERVE, GOLETA, CA

DATE: 2008 \_\_\_ PAGE \_\_ OF \_\_\_

SIGHT NUMBER	TIME BERING RETCLE DIR 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COMMENTS TIME BERING VESSEL ACTION	RETCLE DIR	COMMENTS	TIME BERING VESSEL ACTION	RETCLE DIR	ANIMAL SIGHT	COMMENTS T	IME BE	RING RETCL	LE DIR SING	NUMBER	COMMENTS
													1
													I