

**International Whaling Commission**

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Summary of Activities Related to the Action Plan on Whale Killing Methods (based on Resolution 1999-1)

Please note that completion of this form is not compulsory but it will greatly aid the discussions at the forthcoming Working Group Meeting. The Secretariat would be grateful if you can complete this form as fully as possible, preferably electronically and return it to Secretariat@iwcoffice.org by 10 May 2012.

Contracting Government	NEW ZEALAND
Season	April 2011 - March 2012
Area	New Zealand coastline
Fishery type (e.g. commercial, aboriginal subsistence, scientific permit)	Euthanasia of stranded animals beyond hope of rescue

Table 1. Summary of primary and secondary whale killing methods used (Note that the appropriate Method No. should be used throughout the form):

Method No.	Brief description of method (e.g. penthrite grenade, 'cold' grenade, rifle of stated calibre, etc). Put the most commonly used method first. Insert more rows if necessary.	Used as: (state whether primary killing method, secondary, or both)
1	Rifle, 30-06 calibre	Primary
2	Rifle, .303 calibre	Primary
3	Rifle, .308 calibre	Primary
4	Rifle, .243 calibre	Primary (small animal)
5	Rifle, .22 calibre	Primary (small animal)
6	Rifle, .427 calibre	Large whale

Summary of criteria used to indicate unconsciousness and death:

(a)	complete dilation of the pupils;
(b)	onset of unprovoked agonal convulsions (violent uncoordinated thrashing);
(c)	absence of palpebral (closure of eyelid when corner of eyelid touched) and corneal (closure of eyelid if eye touched) reflexes;
(d)	slack lower jaw.

Table 2: Summary of information providers:

Percentage of data provided by:	
▪ inspectors	
▪ scientists	
▪ hunters	
▪ other (please specify)	Conservation officers (100%)

Table 3: Summary of hunt:

Item	Species 1 <i>Long finned pilot whale</i>		Species 2 <i>Pygmy sperm whale</i>		Species 3 <i>Strap toothed whale</i>		Species 4 <i>Common Dolphin</i>		Species 5 <i>Humpback whale</i>	
	No	%	No	%	No	%	No	%	No	%
Whale Killing Methods										
Total no. killed (all methods summed)	64		14		2		1		1	
Total killed using Method 1 only	63	98.5	8	57.1	0	0	0	0	0	0
Total killed using Method 2 only	0	0	4	28.6	0	0	0	0	0	0
Total killed using Method 3 only	0	0	2	14.3	2	100	0	0	0	0
Total killed using Method 4 only	1	1.5	0	0	0	0	0	0	0	0
Total killed using Method 5 only	0	0	0	0	0	0	1	100	0	0
Total needing secondary harpoon or other secondary killing method	0	0	0	0	0	0	0	0	1	100
If bullets used:										

▪ Minimum number	1		1		2		2			
▪ Maximum number	2		1		2					
▪ Median number	1		1		2					
Total for which information recorded	64		14		2		1		1	
▪ Total estimated TTD to be instant	62		14		2		1			
▪ Maximum estimated TTD	2 min		Instant		Instant		Instant		12 hrs	
▪ Mean TTD	Instant		Instant		Instant					
▪ Median TTD	Instant		Instant		Instant					
Other information										
▪ Total targeted and missed										
▪ Total struck and lost										

***NB Resolution 1999-1 asks for TTD information for each whale not killed instantly. This can be provided via Table 4 below.**

Other: Any other relevant information e.g. with information on technical assistance given to other fisheries or with respect to new studies to (a) improve methods and TTD, (b) develop new criteria for TTD:

Table 4: Reporting of data on individual whales killed

Whale:	No of whales	Species	Killing method(s) used	Time to Death ¹	Samples taken
1	1	Pygmy sperm whale	.303 rifle, 150gm soft point bullet	Instant	Yes, skin sample
2	1	Common dolphin	2 shots, .22 rifle	Instant	Yes, skin and post mortem
3	1	Long finned pilot whale (infant)	.243 standard round	Instant	No
4	1	Long finned pilot whale	2 shots, 30 06 rifle, 150gm, soft point projectile	Instant	No
5	1	Strap toothed whale juvenile	.308 2 shots	Instant	Te Papa for post mortem
6-39 (34 animals)	34	Long finned pilot whales	30 06 rifle, 150 gm soft point projectile	32 instant, 2 required extra bullet	Yes, Skin, blubber, muscle, liver, kidney, heart, repro tissue, stomach contents (VIA AUT)
40-67 (28 animals)	28	Long finned pilot whales	30.06 rifle, 150 gm soft point projectile	28 instant, 1 required a second bullet	No
68	1	Strap toothed whale calf	.308 rifle, 180 gm, soft point projectile, 2 shots	Instant	Yes, skin and blubber
69-70	2	Pygmy Sperm Whale cow/calf	30.06, 150 g soft nose 1 bullet each for Cow and calf	Instant	Skin sample

¹ Resolution 1999-1 encouraged reporting of time to death for each animal not killed instantly
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71	1	Pygmy sperm whale	30.06, 140gm soft point bullet.	instant	Yes, skin, teeth, liver, kidney, stomach, ovaries, blubber and newly born calf (dead)
72	1	Pygmy sperm whale	30.06, 140gm soft point bullet	instant	NO
73	1	Pygmy sperm whale	.303	instant	Yes, skin
74	1	Pygmy sperm whale	30.06, 140gm soft point bullet.	instant	Yes, skin, teeth, liver, kidney, stomach, testes
75	1	Pygmy sperm whale	30.06, 140gm soft point bullet.	instant	Yes, skin, liver, kidney, testes, stomach jaw
76	1	Pygmy sperm whale	30.06, 140gm soft point bullet.	instant	Yes, skin and post mortem
77	1	Pygmy sperm whale	30.06, 140gm soft point bullet.	instant	NO
78-79	2	Pygmy sperm whale	.308	instant	Yes, liver, kidney, stomach, skin, teeth, ovaries, foetus
80-81	2	Pygmy sperm whale	.303	instant	Yes, skin, ovaries, stomach, kidney, liver, teeth
82	1	Humpback whale	.303/.427	+12 hours	Skin, blubber, cyamids