



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

Contracting Government	Denmark (Greenland)
Season	2005
Area	Greenland
Fishery type (e.g. commercial, aboriginal subsistence, scientific permit)	Aboriginal Subsistence

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	Penthrite grenade (Whale Grenade-99)	Primary (minke whales in West Greenland). Primary and secondary (fin whales in West Greenland)
2	Rifle, calibre larger than 7.62 mm (30.06).	Secondary (minke whales in West Greenland). Primary (minke whale collective hunt in West and East Greenland),

Summary of criteria used to indicate unconsciousness and death:

Criteria: When the whale does not move and the flippers are immovable.

Number of whales killed instantly are whales reported killed within 1 minute.

Table 2: Summary of information providers:

Percentage of data provided by:	
▪ inspectors	0%
▪ scientists	0%
▪ hunters	100%
▪ other (please specify)	0%

Table 3: Summary of hunt:

Item	Species 1 <i>Minke whale</i> - West Greenland		Species 2 <i>Minke whale</i> - East Greenland		Species 3 <i>Fin whale</i>	
	No.	%	No.	%	No.	%
Whale killing methods						
▪ Total no. killed (all methods summed)	176		4		13	
▪ Total killed using Method 1 only	132	75%			13	100
▪ Total killed using Method 2 only	44	25 %	4	100%		
▪ Total killed using Method 3 only						
▪ Total needing secondary harpoon or other secondary killing method	Not available					
▪ If bullets used						
○ minimum number						
○ maximum number						
○ median number						
Time to unconsciousness/death (TTD)*						
▪ Total for which information recorded	162	92%	4	100%	10	77%
▪ Total estimated TTD to be instant	35	22%	0		0	0%
▪ Maximum estimated TTD	90 min.		30 min.		120 min.	
▪ Mean time to TTD	10 min.		14 min.		26 min.	
▪ Median Time to TTD	5 min.		12 min.		10 min.	
Other information						
▪ Total targeted and missed						
▪ Total struck and lost	3	1,7%	0	0%	1	7,6%

**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:

Statistics for TTD of minke whales by method, rather than by stock:

- Time to death for minke whales killed with method 1 (N = 122 reports): 34 whales (28%) were killed within 1 minute. 80 whales (66%) died within 5 minutes. The average time to death was 6 minutes. The largest time to death reported was 30 minutes.
- Time to death for minke whales killed with method 2 (N = 44 reports): 1 minke whale was killed in less than one minute, while 5 (11%) died in less than 5 minutes. The average time to death was 21 minutes. The largest time to death was 90 minutes.
- Combined average time to death for minke whales in Greenland (N = 166 reports): 10 minutes.

Additional information on fin whales:

- The minimum time to death reported for fin whales was 3 minutes
- 5 fin whales (50%) died within 5 minutes.