

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

Submitted by Denmark (Greenland)

Contracting Government	Denmark (Greenland)
Season	2006
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),
3		

### Summary of criteria used to indicate unconsciousness and death:

*Criteria: When the whale does not move and the flippers are immovable. This includes when the whale has sunk and there is no movement in the harpoon line or floats.*

*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	<u>Species 1</u> <i>Minke whale</i>		<u>Species 2</u> <i>Minke whale</i>		<u>Species 3</u> <i>Fin whale</i>	
	No.	%	No.	%	No.	%
Whale killing methods						
▪ Total no. killed (all methods summed) <sup>1</sup>	181		3		10	
▪ Total killed using Method 1 <del>only</del>	143	79%			10	100%
▪ Total killed using Method 2 only	38	21%	3	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	158	90%	2	100%	7	77%
▪ Total estimated TTD to be instant	42	24%	0	0%	2	22%
▪ Maximum estimated TTD (minutes)	150		30		150	
▪ Mean time to TTD (minutes)	10		24		35	
▪ Median Time to TTD (minutes)	5		24		5	
Other information						
▪ Total targeted and missed	Not available					
▪ Total struck and lost	6	3%	1	33%	1	10%

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

<sup>1</sup> Including struck but lost animals  
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**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 = 127 reports, or 92% of the catch): 42 whales (31%) were killed within 1 minute. 92 whales (67%) died within 5 minutes. The Mean time to death was 5 minutes. The median time to death was 3 minutes. The largest time to death reported was 35 minutes.

Time to death for minke whales killed with method 2 (N = 32 reports, or 89% of the catch): 0 minke whales (0%) were killed in less than one minute, while 2 (6%) died in less than 5 minutes. The mean time to death was 30 minutes. The median time to death was 21 minutes. The largest time to death was 150 minutes.

**Statistics for Struck and Lost minke whales by method, rather than by stock:**

Struck but lost minke whales using method 1: 6 (4% of struck animals)

Struck but lost minke whales using method 2: 3 (1% of struck animals)

**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.

**Table 4: Reporting of data on individual whales killed**

Whale:	Species	Killing method(s) used	Time to Death <sup>2</sup>	Samples taken
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				

<sup>2</sup> Resolution 1999-1 encouraged reporting of time to death for each animal not killed instantly  
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