

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

(Submitted by the Russian Federation)

Summary Reporting Form

Contracting Government	Russian Federation
Season	2007
Area	Chukotka Waters
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 <i>stated calibre</i> , etc). Put the most commonly used method first. Insert more rows if necessary.	Used as: (state whether primary killing method, secondary, or both)
1	Harpoon with float	
2	Darting gun	
3	Rifle (various)	

Summary of criteria used to indicate unconsciousness and death:

<i>Visual determination of unconsciousness and death. Rifles are used (as usual) for control (final defining) shot that guarantees death.</i>

Table 2: Summary of information providers:

Percentage of data provided by:	
• inspectors	100%
• scientists	53%
• hunters	100%
• other (please specify)	

Table 3: Summary of hunt:

Item	Species 1 <i>Gray whale</i>		Species 2 <i>Bowhead whale</i>		Species 3 <i>[insert name]</i>	
	No.	%	No.	%	No.	%
Whale killing methods						
• Total no. killed (all methods summed)	126					
• Total killed using Method 1 only						
• Total killed using Method 2 only						
• Total killed using Method 3 only						
• Total needing secondary harpoon or other secondary killing method						
• If bullets used						
o minimum number	0					
o maximum number	160					
o median number	80					
Time to unconsciousness/death (TTD)*						
• Total for which information recorded						
• Total estimated TTD to be instant						
• Maximum estimated TTD	90					
• Mean time to TTD	28					
• Median Time to TTD						
Other information						
• Total targeted and missed						
• Total struck and lost	3					

**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:

Gray whales:

darting gun – 100 whales

rifle – 115 whales

harpoon and float – all whales

Bowhead whales:

darting gun – 0

rifle – 0

harpoon and float – 0

Additional information provided: data on individual whales

#	Time of first shot	Time of whale's death	Time to death	Number of shots			Body length (meters)	Weight (hundreds of kilos)
				harpoon	darting gun	carabine		
1	18:35	18:50	0:15	8	6	110	12.00	181.00
2	18:05	18:30	0:25	6	1	0	8.00	60.00
3	17:20	17:40	0:20	6	1	0	8.00	62.50
4	12:30	13:00	0:30	9	2	100	9.50	88.00
5	15:00	15:30	0:30	7	2	40	8.00	68.60
6	11:10	11:30	0:20	2	4	70	9.00	74.00
7	11:45	12:00	0:15	5	6	40	9.90	100.00
8	14:20	15:20	1:00	4	4	70	8.90	72.00
9	9:50	10:30	0:40	7	1	70	9.60	90.00
10	16:35	16:50	0:15	8	2	40	8.00	60.55
11	7:45	8:15	0:30	8	9	60	12.60	211.00
12	7:40	8:30	0:50	6	3	50	9.40	85.00
13	6:20	6:40	0:20	6	2	30	8.90	72.00
14	10:25	10:40	0:15	6	1	0	8.80	70.00
15	23:15	23:45	0:30	8	5	100	9.50	88.00
16	2:00	2:30	0:30	9	0	70	9.80	96.00
17	8:56	9:28	0:32	6	2	120	9.00	74.00
18	11:30	12:15	0:45	8	6	40	8.80	74.00
19	7:00	7:10	0:10	5	3	0	8.30	63.00
20	4:45	5:00	0:15	7	2	40	9.00	74.00
21	5:50	6:00	0:10	8	1	20	8.80	74.00
22	13:10	13:45	0:35	9	2	120	9.00	74.00
23	2:15	2:45	0:30	8	0	75	10.00	103.00
24	9:30	10:00	0:30	7	3	100	9.00	74.00
25	9:13	9:35	0:22	6	2	120	10.00	103.00
26	8:25	8:50	0:25	6	2	120	9.00	74.00
27	7:23	7:50	0:27	6	1	40	9.00	74.00
28	14:09	14:35	0:26	6	2	40	10.00	103.00
29	22:55	23:20	0:25	9	5	100	9.50	88.00
30	6:13	6:40	0:27	10	6	36	11.60	163.00
31	6:47	6:56	0:09	7	3	12	9.10	77.00
32	6:40	6:55	0:15	6	4	10	8.00	60.00
33	5:42	6:06	0:24	8	4	14	8.35	64.00
34	12:40	13:35	0:55	9	1	130	13.50	263.00
35	8:40	9:10	0:30	8	4	10	8.00	60.00
36	7:30	7:56	0:26	8	4	6	8.07	60.00
37	12:25	12:56	0:31	6	2	80	9.00	74.00
38	18:18	18:40	0:22	7	2	120	9.50	88.00
39	11:25	12:20	0:55	9	1	120	12.20	191.00
40	13:45	14:20	0:35	9	3	120	13.00	232.00

#	Time of first shot	Time of whale's death	Time to death	Number of shots			Body length (meters)	Weight (hundreds of kilos)
				harpoon	darting gun	carabine		
41	12:05	13:05	1:00	7	0	60	9.50	88.00
42	17:01	18:00	0:59	13	0	80	12.50	206.00
43	13:54	14:05	0:11	5	1	0	8.00	60.00
44	9:45	9:50	0:05	5	1	7	8.55	67.00
45	9:10	9:35	0:25	6	2	100	10.30	113.00
46	15:17	15:45	0:28	7	3	80	10.00	103.00
47	21:40	22:00	0:20	7	4	0	10.00	103.00
48	10:28	11:00	0:32	6	2	80	9.00	74.00
49	11:50	11:58	0:08	6	0	7	8.90	72.00
50	12:48	13:20	0:32	7	3	60	8.25	62.00
51	6:20	6:27	0:07	7	2	10	8.50	66.00
52	8:57	9:05	0:08	6	5	1	8.30	63.00
53	13:20	13:30	0:10	6	2	0	8.50	66.60
54	16:20	16:50	0:30	6	0	120	9.30	82.00
55	18:00	18:40	0:40	10	0	110	8.40	64.00
56	10:30	11:30	1:00	13	0	115	12.00	181.00
57	9:55	10:10	0:15	5	4	20	10.4	116.00
58	13:30	13:40	0:10	6	3	20	9.10	77.00
59	12:05	12:13	0:08	8	0	5	8.10	61.00
60	11:15	11:26	0:11	8	0	3	8.00	60.00
61	16:50	17:40	0:50	6	2	0	8.00	60.00
62	13:05	14:00	0:55	11	4	100	13.30	250.00
63	11:36	11:56	0:20	12	24	40	12.50	206.00
64	9:37	10:04	0:27	11	19	15	13.0	232.0
65	13:10	14:00	0:50	6	2		8.00	60.00
66	10:25	10:30	0:05	9	5	30	11.80	172.00
67	9:16	9:44	0:28	9	6	26	10.00	103.00
68	9:54	9:59	0:05	5	0	7	8.60	67.00
69	10:45	11:16	0:31	6	8	18	8.90	72.00
70	10:05	11:00	0:55	10	0	80	10.00	103.00
71	10:20	11:15	0:55	8	0	100	13.00	232.00
72	10:47	10:56	0:09	7	9	50	12.32	196.00
73	11:10	11:20	0:10	7	7	40	11.60	150.00
74	11:15	12:00	0:45	8	0	110	9.8	96.0
75	6:55	7:05	0:10	8	0	6	8.01	60.00
76	6:55	7:10	0:15	8	0	7	8.00	60.00
77	15:30	16:00	0:30	7	0	170	13.00	232.00
78	15:05	15:40	0:35	9	8	120	10.00	103.00
79	9:05	9:20	0:15	10	8	29	8.60	67.00
80	13:05	13:32	0:27	9	8	42	10.10	106.00

#	Time of first shot	Time of whale's death	Time to death	Number of shots			Body length (meters)	Weight (hundreds of kilos)
				harpoon	darting gun	carabine		
81	10:00	10:30	0:30	9	5	120	8.00	60.00
82	12:21	12:34	0:13	7	4	12	9.20	79.00
83	17:20	17:40	0:20	6	0	95	8.90	72.00
84	11:18	11:54	0:36	9	9	55	10.90	134.00
85	10:46	11:15	0:29	9	7	35	12.20	191.00
86	7:38	8:09	0:31	10	6	27	13.20	244.00
87	8:10	8:30	0:20	10	0	80	9.00	74.00
88	7:40	7:48	0:08	5	2	0	8.05	61.00
89	8:45	9:30	0:45	9	2	100	9.00	74.00
90	18:35	19:30	0:55	12	4	120	11.00	136.00
91	11:30	12:20	0:50	8	4	80	12.50	206.00
92	11:25	11:55	0:30	10	0	105	10.0	103.00
93	8:40	9:00	0:20	7	0	120	9.70	93.00
94	10:45	11:05	0:20	9	5	22	8.30	63.00
95	12:30	12:50	0:20	9	3	42	9.50	88.00
96	8:13	8:30	0:17	6	2	39	8.10	61.00
97	14:15	14:40	0:25	9	0	110	13.00	232.00
98	9:00	9:30	0:30	7	6	100	9.00	74.00
99	7:25	7:30	0:05	5	1	10	8.05	61.00
100	14:15	14:20	0:05	6	3	10	8.03	60.00
101	11:05	11:40	0:35	11	4	120	8.00	60.00
102	14:10	14:20	0:10	7	2	80	8.00	60.0
103	10:00	10:30	0:30	11	2	120	9.00	74.00
104	9:20	9:30	0:10	7	1	110	8.80	70.00
105	9:45	10:10	0:25	7	5	18	9.80	96.00
106	14:05	14:35	0:30	8	6	17	8.00	60.00
107	8:21	8:40	0:19	5	1	10	8.35	64.00
108	13:39	13:50	0:11	7	0	10	8.50	66.00
109	9:25	9:35	0:10	7	2	80	9.0	74.0
110	11:05	12:00	0:55	8	0	0	10.00	103.00
111	12:45	13:10	0:25	10	0	0	10.00	103.00
112	12:35	13:00	0:25	9	0	0	12.50	206.00
113	11:30	12:15	0:45	9	8	120	8.80	70.00
114	8:47	9:20	0:33	6	7	52	8.70	68.00
115	11:15	12:15	1:00	9	2	120	9.50	88.00
116	13:05	13:40	0:35	8	3	120	10.50	120.00
117	8:43	9:20	0:37	11	7	79	11.20	146.00
118	11:45	12:00	0:15	6	3	40	8.60	67.00
119	10:30	12:00	1:30	7	4	120	8.7	68.0
120	11:00	12:00	1:00	9	2	120	9.00	74.00

#	Time of first shot	Time of whale's death	Time to death	Number of shots			Body length (meters)	Weight (hundreds of kilos)
				harpoon	darting gun	carabine		
121	11:49	12:13	0:24	4	3	40	8.50	66.00
122	11:45	12:00	0:15	5	2	83	8.30	63.00
123	8:55	9:30	0:35	6	1	110	10.00	103.00
124	9:43	10:20	0:37	6	1	160	9.00	74.00
125	9:50	10:28	0:38	6	2	120	9.00	74.00
126	13:10	14:40	1:30	8	5	80	10.00	103.00
Mean			0:28	7.6	3.1	60.2	9.6	100.5
Sum				952	392	7522		