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Aboriginal subsistence whaling in the Russian Federation in 2014

V. Ilyashenko, K. Zharikov



INTERNATIONAL
WHALING COMMISSION

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PRINT VERSION



ABORIGINAL SUBSISTENCE WHALING IN THE RUSSIAN FEDERATION IN 2014

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IWC allocated blocked quota for subsistence whaling including needs of Chukotka indigenous hunters in 2013-2018. The total of 714 gray and 42 bowhead whales supposed to be taken in a 6-year period with a limit of 135 gray and 7 bowhead whales' strikes annually.

The Fisheries Council of the Administration of Chukotka Autonomous Region distributed the quota on Gray and Bowhead whales among local whaling communities. Aboriginal harvest in 2014 was supervised by Department of Industrial and Agricultural Policy of the Administration of Chukotka Autonomous Region.

13 local communities were involved in whaling in 2014.

A total of 124 Gray whales were struck in 2014. No bowhead whales were taken during 2014 hunting season. Most of the whales (59) were struck by indigenous hunters of Lorino settlement.

122 Gray whales (42 males and 80 females) were landed, 2 whales were struck but lost, none of taken whales was stinky (inedible).

Harpoons, darting guns and rifles were used during hunt. About 44% of whales demonstrated aggressive behavior. Mean amount of ammunition spent to each whale was approximately same as in 2013 season while mean time to death was slightly shorter. The furthest whale towing distance to coast was 40 km, while the closest was 0.3 km. In most cases (except May and early June) ice was absent during 2014 hunting season.

Body length of whales, taken in Chukotka waters in 2014 varied between 8 and 14.5 meters, with an average of 10.1 m (same as in 2013 season). Body weights of those whales were between 6 and 32.4 tons with mean weight of 11.8 tons. The largest whale (male) had been taken in Neshkan settlement of Chukotsky region. It was 14.5m long and weighted 32.4 tons. Among whales taken there were 2 females with fetuses, none of taken females was lactating. In 49 cases sampling of tissues was performed.

Scientific supervision of subsistence whaling had been performed by TINRO-Center (Vladivostok) and ChukotTINRO (Anadyr) scientists.

All aboriginal whaling data were presented by Department of Industrial and Agricultural policy of the Administration of Chukotka Autonomous Region.

List of passports of gray whales taken by indigenous communities of Chukotka in 2014 (passports on harvested Gray whales)

1	2	3	4	5	6	7	8	9	10			11	12	13	14	15	16	17	18																	
									#	Date	Time of departure to sea								Time of spotting the whale	Time of first shot	Time of whale's death	Time of returning to shore	Places of hunt and landing	Distance from shore (km)	Number of shots			Sea, wind, ice (%) conditions	Whale's sex	Body length (meters)	Weight (hundreds of kilos)	Remarks (hunters' comments, whale's behavior)	Presence of traumas and injuries	Presence of foetus, lactation	Biological sampling	
																									harpoon	darting gun	carbine								Date	Sampler's name
1	19-May	5:30	6:45	7:15	7:40	19:00	Opposite to "Akkani" base, Lorino settlement	25,0	12	0	60	beaufort - 0,5, wind - NW, ice - 25	female	9,5	88,00	aggressive	-	-	-	-																
2	20-May	9:34	12:01	12:39	12:51	16:20	Opposite to "Akkani" base, Lorino settlement	25,0	9	3	58	beaufort - 0,5, wind - NW, ice - 25	female	9,7	93,00	quiet	-	-	-	-																
3	24-May	9:30	10:15	10:58	11:30	16:01	Opposite to Lorino settlement, Lorino settlement	12,0	7	0	50	beaufort - 2, wind - SW, ice - 25	-	-	-	quiet	struck and lost	-	-	-																
4	25-May	8:30	9:00	10:00	10:25	12:15	Opposite to Lorino settlement, Lorino settlement	15,0	9	0	55	beaufort - 1, wind - SW, ice - 25	female	8,7	68,00	quiet	-	-	-	-																
5	6-Jun	10:20	11:03	11:40	11:57	14:50	Opposite to Lorino settlement, Lorino settlement	5,0	7	0	30	beaufort - 1, wind - SW, ice - 5	male	8,8	70,00	quiet	-	-	-	-																
6	6-Jun	10:20	12:20	13:10	13:45	17:30	Opposite to Lorino settlement, Lorino settlement	11,0	10	0	70	beaufort - 1, wind - SW, ice - 10	female	12,0	181,00	quiet	flippers injured	-	-	-	-															
7	10-Jun	10:00	18:45	20:00	20:30	23:20	Singak, Sireniki settlement	0,5	8	2	120	beaufort - 0, wind - 0, ice - 0	male	8,0	60,00	quiet	-	-	-	-																
8	11-Jun	5:54	6:02	6:44	7:02	11:01	Opposite to First spit, Lorino settlement	5,0	8	0	10	beaufort - 0,5, wind - SE, ice - 0	male	8,8	70,00	aggressive	-	-	-	-																
9	11-Jun	5:54	7:10	7:32	7:55	11:04	Opposite to Lorino settlement, Lorino settlement	5,0	8	0	30	beaufort - 0,5, wind - SE, ice - 0	male	12,0	181,00	aggressive	-	-	-	-																
10	16-Jun	14:00	14:40	15:20	16:10	18:00	Pynakul', Lavrentiya settlement	3,0	14	2	100	beaufort - 1, wind - SW, ice - 0	female	9,2	79,00	quiet	-	-	-	16-Jun	O.I.Einetgina															
11	17-Jun	4:46	5:15	5:28	5:41	8:08	Opposite to "Shooting range", Lorino settlement	7,0	9	0	25	beaufort - 0, wind - NW, ice - 0	female	8,8	70,00	quiet	-	-	-	-	-															
12	19-Jun	9:45	10:03	10:21	10:28	12:30	Opposite to "Shooting range", Lorino settlement	7,0	9	0	30	beaufort - 1, wind - NE, ice - 0	male	9,5	88,00	aggressive	-	-	-	-	-															
13	20-Jun	5:20	6:00	6:17	6:20	8:10	Opposite to Second spit, Lorino settlement	9,5	9	0	5	beaufort - 0, wind - SE, ice - 0	female	8,5	66,00	aggressive	-	-	-	-	-															
14	22-Jun	8:00	9:25	9:55	10:10	13:10	Opposite to Plosky cape, Novoe Chaplino settlement	27,0	7	3	80	beaufort - 0, wind - SW, ice - 0	female	8,0	60,00	aggressive	-	-	-	22-Jun	S.G.Selyakina															
15	24-Jun	5:30	5:40	6:10	6:40	9:00	Opposite to Lorino settlement, Lorino settlement	11,0	0	0	55	beaufort - 1, wind - 0, ice - 0	female	9,5	88,00	quiet	-	-	-	-	-															
16	26-Jun	11:20	12:45	13:20	14:05	16:35	Opposite to Lorino settlement, Lorino settlement	8,0	9	0	30	beaufort - 1, wind - 0, ice - 0	female	9,4	85,00	quiet	-	-	-	-	-															
17	26-Jun	12:00	18:07	19:46	20:20	0:30	Kenigvun area, Enumino settlement	1,2	13	2	140	beaufort - 0, wind - 0, ice - 0	female	13,1	238,00	quiet	-	-	-	26-Jun	A.O.Tynkyrolyrgin															
18	27-Jun	6:30	7:00	8:20	8:30	12:00	Opposite to Raupelyan area, Lorino settlement	5,0	11	0	50	beaufort - 2, wind - NW, ice - 0	female	8,5	66,00	aggressive	-	-	-	-	-															
19	28-Jun	8:30	11:45	12:40	13:25	18:35	Opposite to Nunyamo cape, Lavrentiya settlement	3,0	14	4	110	beaufort - 2, wind - SW, ice - 0	female	11,3	150,00	quiet	-	-	-	28-Jun	O.I.Einetgina															
20	1-Jul	10:00	19:10	20:20	20:45	23:00	Opposite to Inchoun settlement, Inchoun settlement	5,0	12	2	100	beaufort - 0, wind - E, ice - 0	female	9,1	77,00	quiet	-	-	-	1-Jul	A.V.Cheyvun															
21	1-Jul	11:00	11:30	12:40	2:30	3:00	Opposite to Naukan, Uelen settlement	1,0	16	0	105	beaufort - 1, wind - SW, ice - 0	female	13,5	261,00	aggressive	-	-	-	1-Jul	V. Ya.Etuvgi															
22	3-Jul	9:21	9:28	9:53	9:57	12:15	Opposite to Lorino settlement, Lorino settlement	6,0	9	0	20	beaufort-3, wind - E, ice - 0	male	9,2	79,00	aggressive	-	-	-	-	-															
23	5-Jul	7:30	9:30	10:20	10:50	13:50	Opposite to Inchoun settlement, Inchoun settlement	5,0	12	2	100	beaufort-0,5 wind - SE, ice - 0	male	12,5	206,00	quiet	-	-	-	5-Jul	A.V.Cheyvun															
24	5-Jul	13:20	14:03	14:27	14:35	17:25	Opposite to Second spit, Lorino settlement	7,0	8	0	20	beaufort - 0, wind - E, ice - 0	male	9,1	77,00	aggressive	-	-	-	-	-															
25	7-Jul	9:31	9:37	10:37	10:57	12:07	Opposite to Lorino settlement, Lorino settlement	6,0	10	0	30	beaufort - 0, wind - W, ice - 0	female	12,5	206,00	aggressive	-	-	-	-	-															
26	7-Jul	16:00	16:30	19:05	19:30	22:00	Alayon area, Yanrakynnot settlement	1,5	10	0	214	beaufort - 1, wind - S, ice - 0	female	9,0	74,00	quiet	-	-	-	7-Jul	A.V.Apalyu															
27	8-Jul	5:30	10:00	11:00	11:30	13:30	Opposite to Lorino settlement, Lorino settlement	12,0	12	4	50	beaufort - 3, wind - W, ice - 0	female	11,2	146,00	aggressive	-	-	-	-	-															
28	9-Jul	9:00	11:40	13:20	14:00	14:30	Preobrazhenya bay, Anadyr gulf, Nunligran settlement	0,00	0	0	70	beaufort - 1 wind - SE, ice - 0	female	9,0	74,00	quiet	orca's bites	-	-	-	-	-														
29	9-Jul	9:45	9:58	10:21	10:29	12:03	Opposite to Lorino settlement, Lorino settlement	4,0	9	0	60	beaufort - 1, wind - SE, ice - 0	female	10,2	109,00	aggressive	-	-	-	-	-															
30	10-Jul	6:45	6:48	6:58	7:15	8:00	Opposite to Lorino settlement, Lorino settlement	7,0	8	0	40	beaufort - 1, wind - W, ice - 0	male	9,5	88,00	aggressive	-	-	-	-	-															
31	10-Jul	9:00	9:10	9:20	11:00	12:00	Anadyr gulf, Ennelen settlement	1,5	6	3	120	beaufort - 0, wind - 0, ice - 0	female	9,0	74,00	quiet	ant, head, and spine are partially injured	-	-	-	10-Jul	N.A.Rulyngauan														
32	11-Jul	6:30	8:10	9:10	9:35	12:10	Opposite to Inchoun settlement, Inchoun settlement	4,0	9	2	100	beaufort - 0,5, wind - E, ice - 0	female	9,1	77,00	quiet	-	-	-	11-Jul	A.V.Cheyvun															
33	11-Jul	13:00	13:50	14:35	14:50	16:30	Pynakul', Lavrentiya settlement	1,0	14	2	100	beaufort - 0, wind - S, ice - 0	male	10,0	103,00	quiet	-	-	-	11-Jul	A.P.Lelikov															
34	11-Jul	13:00	15:00	15:45	17:00	19:00	Lavrentiya bay, Lavrentiya settlement	13,0	8	0	70	beaufort - 1, wind - 0, ice - 0	female	12,0	181,00	quiet	-	-	-	-	-															
35	17-Jul	4:30	5:00	6:00	6:30	11:00	Opposite to Uelen settlement, Uelen settlement	18,0	18	0	100	beaufort - 1, wind - S, ice - 0	female	10,0	103,00	aggressive	-	-	-	17-Jul	V. Ya.Etuvgi															
36	17-Jul	17:30	18:00	18:40	20:30	0:30	Neshkan settlement	3,0	13	2	0	beaufort - 2, wind - S, ice - 1	male	14,5	324,00	quiet	-	-	-	-	-															
37	18-Jul	20:30	21:55	22:40	22:50	2:25	Plosky cape, Novoe Chaplino settlement	22,0	7	1	81	beaufort - 0, wind - 0, ice - 0	female	8,0	60,00	aggressive	-	-	-	19-Jul	S.G.Selyakina															
38	24-Jul	4:00	4:30	5:20	6:05	11:00	Opposite to Uelen settlement, Uelen settlement	18,0	17	0	14	beaufort - 3, wind - NW, ice - 0	female	10,0	103,00	quiet	-	-	-	24-Jul	V. Ya.Etuvgi															
39	25-Jul	7:30	8:00	11:40	12:00	12:30	Opposite to Lorino settlement, Lorino settlement	7,0	9	0	40	beaufort - 1, wind - NW, ice - 0	female	9,2	79,00	quiet	-	-	-	-	-															
40	28-Jul	9:00	9:10	10:20	10:30	11:30	Opposite to Lorino settlement, Lorino settlement	2,5	7	0	15	beaufort - 1, wind - NW, ice - 0	male	9,7	93,00	aggressive	-	-	-	-	-															
41	29-Jul	14:00	14:20	14:45	15:00	17:00	Opposite to Inchoun settlement, Inchoun settlement	3,0	9	1	100	beaufort - 0,5, wind - E, ice - 0	female	9,2	79,00	quiet	-	-	-	29-Jul	V. Ya.Etuvgi															
42	29-Jul	15:00	15:30	16:40	17:30	18:00	Uelen strait	18,0	19	0	120	beaufort - 1, wind - NE, ice - 0	female	10,3	113,00	aggressive	-	-	-	29-Jul	V. Ya.Etuvgi															
43	30-Jul	6:00	6:30	7:30	7:46	8:20	Preobrazhenya bay, Anadyr gulf, Nunligran settlement	0,5	0	0	130	beaufort - 2, wind - SE, ice - 0	female	8,0	60,00	quiet	orca's bites on flippers	-	-	-	-	-														
44	30-Jul	6:07	6:29	6:53	7:12	9:45	Opposite to Goryachenskaya river, Lorino settlement	3,0	9	0	37	beaufort - 0, wind - SE, ice - 0	male	9,5	88,00	aggressive	-	-	-	-	-															
45	30-Jul	8:25	10:20	11:52	13:40	18:20	Kenigvun area, Enumino settlement	13,0	16	3	170	beaufort - 0, wind - 0, ice - 0	male	12,3	196,00	quiet	-	-	-	30-Jul	A.O.Tynkyrolyrgin															
46	30-Jul	9:00	10:00	11:30	12:45	15:40	Lavrentiya bay, Lavrentiya settlement	10,0	8	0	140	beaufort - 0, wind - 0, ice - 0	male	8,5	66,00	quiet	-	-	-	-	-															
47	30-Jul	21:55	22:05	1:30	2:18	4:18	Opposite to Neshkan settlement, Neshkan settlement	15,0	8	1	53	beaufort - 2, wind - S, ice - 0	female	12,5	206,00	aggressive	-	-	-	30-Jul	A.N.Nyepvgi															
48	1-Aug	4:00	4:30	6:45	7:00	12:00	Opposite to Uelen settlement, Uelen settlement	17,0	19	0	40	beaufort - 0, wind - 0, ice - 0	female	9,5	88,00	aggressive	-	-	-	1-Aug	V. Ya.Etuvgi															
49	1-Aug	6:05	7:30	8:50	9:20	12:05	Opposite to Lorino settlement, Lorino settlement	12,0	9	0	80	beaufort - 1, wind - SW, ice - 0	male	13,1	238,00	quiet	-	-	-	-	-															
50	3-Aug	8:00	14:05	14:30	15:05	23:20	Benigovsky strait, Uel'kal settlement	40,0	7	0	140	beaufort - 1 wind - S, ice - 0	female	11,0	138,00	aggressive	-	-	-	-	-															
51	4-Aug	8:46	9:12	10:09	10:45	11:30	Opposite to Second spit, Lorino settlement	6,0	10	0	30	beaufort - 0,1 wind - SE, ice - 0	male	9,0	74,00	aggressive	-	-	-	-	-															
52	5-Aug	6:15	6:45	7:45	8:45	14:02	Opposite to Lorino settlement Lorino settlement	12,0	9	4	60	beaufort - 1, wind - SW, ice - 0	female	13,3	250,00	quiet	festering wounds	-	-	-	-	-														
53	6-Aug	7:05	8:15	9:05	9:50	14:40	Opposite to "Akkani" base, Lorino settlement	21,0	11	4	80	beaufort - 0 wind - SW, ice - 0	female	13,2	244,00	quiet	-	-	-	-	-															
54	6-Aug	8:00	9:15	10:15	10:35	12:00	Opposite to Inchoun settlement, Inchoun settlement	2,0	8	2	100	beaufort - 0,5 wind - E, ice - 0	male	9,2	79,00	quiet	-	-	-	6-Aug	A.V.Cheyvun															
55	12-Aug	9:30	10:10	11:20	11:40	16:00	Mylkhyan, Lorino settlement	4,0	7	0	40	beaufort - 1 wind - SE, ice - 0	female	9,5	88,00	aggressive	-	-	-	-	-															
56	12-Aug	10:20	10:40</																																	

64	20-Aug	6:15	6:50	7:30	8:20	10:05	Opposite to First spit, Lorino settlement	12,0	8	0	42	beaufort - 1, wind - S, ice - 0	female	9,9	100,00	aggressive	-	-	-	-
65	20-Aug	7:00	11:20	12:10	12:30	14:10	Opposite to Inchoun settlement, Inchoun settlement	4,0	9	2	10	beaufort - 1 wind - E, ice - 0	male	9,2	79,00	quiet	-	-	20-Aug	A.V.Cheyvun
66	21-Aug	6:15	6:45	7:20	8:07	11:30	Opposite to Raupeliyan area, Lorino settlement	14,0	9	0	50	beaufort - 1, wind - SW, ice - 0	male	12,7	216,00	quiet	-	-	-	-
67	22-Aug	6:30	9:05	9:50	10:01	15:30	Opposite to Khaluskin cape, Lorino settlement	26,0	8	2	25	beaufort - 3, wind - S, ice - 0	female	10,3	113,00	quiet	-	-	-	-
68	25-Aug	6:30	8:00	11:20	11:40	12:30	Opposite to Lorino settlement Lorino settlement	8,0	12	2	40	beaufort - 2, wind - NW, ice - 0	female	13,2	244,00	quiet	-	-	-	-
69	26-Aug	4:15	6:00	8:25	9:00	10:40	Uelen strait	3,0	19	0	46	beaufort - 0, wind - NE, ice - 0	male	9,0	74,00	quiet	orca's bites on flukes	-	26-Aug	V. Ya.Etuvgi
70	26-Aug	9:00	9:15	9:45	10:00	11:30	Pynakuł, Lavrentiya settlement	1,0	12	2	100	beaufort - 0, wind - 0, ice - 0	female	10,2	109,00	quiet	-	26-Aug	O.I.Einetegina	
71	26-Aug	9:45	12:45	13:20	13:50	16:50	Opposite to Lorino settlement, Lorino settlement	19,0	9	0	70	beaufort - 1, wind - NW, ice - 0	male	12,6	211,00	aggressive	-	-	-	-
72	26-Aug	10:00	11:10	11:40	12:05	14:10	Anatykok, Sireniki settlement	1,0	8	2	120	beaufort - 0, wind - 0, ice - 0	female	8,0	60,00	quiet	-	-	-	-
73	26-Aug	11:30	11:50	12:35	12:50	13:30	Chechekuyum strait, Novoe Chaplino settlement	7,0	9	0	85	beaufort - 1, wind - 0, ice - 0	female	8,0	60,00	aggressive	-	-	-	-
74	27-Aug	10:00	10:20	10:25	10:45	13:20	Opposite to Lorino settlement Lorino settlement	11,0	9	0	80	beaufort - 2, wind - SE, ice - 0	female	8,6	67,00	aggressive	-	-	-	-
75	2-Sep	6:25	7:20	8:27	8:58	14:03	Opposite to Raupeliyan area, Lorino settlement	9,0	9	0	60	beaufort - 2, wind - W, ice - 0	female	12,6	211,00	aggressive	-	-	-	-
76	3-Sep	6:40	6:53	7:18	7:40	11:30	Opposite to Third spit, Lorino settlement	8,0	5	0	40	beaufort - 1, wind - W, ice - 0	male	9,7	93,00	aggressive	-	-	-	-
77	3-Sep	6:40	6:53	7:21	7:48	11:30	Opposite to Third spit, Lorino settlement	8,0	9	0	40	beaufort - 1, wind - W, ice - 0	female	13,4	255,00	aggressive	-	-	-	-
78	4-Sep	6:45	6:58	7:23	7:51	11:20	Opposite to Lorino settlement Lorino settlement	12,0	11	0	50	beaufort - 1, wind - E, ice - 0	female	12,6	211,00	quiet	-	-	-	-
79	5-Sep	6:00	8:30	9:20	9:30	11:30	Opposite to Inchoun settlement, Inchoun settlement	5,0	8	2	100	beaufort - 0, wind - S, ice - 0	male	9,3	82,00	quiet	-	-	5-Sep	A.V.Cheyvun
80	7-Sep	4:00	6:00	7:45	8:30	9:30	Uelen strait	18,0	17	0	100	beaufort - 1, wind - SW, ice - 0	male	9,1	77,00	aggressive	-	-	7-Sep	V. Ya.Etuvgi
81	7-Sep	7:30	10:30	11:20	11:50	14:00	Opposite to Inchoun settlement, Inchoun settlement	4,0	8	3	100	beaufort -1, wind -S, ice - 0	male	9,2	79,00	quiet	-	-	7-Sep	A.V.Cheyvun
82	8-Sep	6:30	6:57	7:12	7:22	12:40	Opposite to Lorino settlement, Lorino settlement	14,0	11	0	50	beaufort - 1, wind - NW, ice - 0	female	12,5	206,00	aggressive	-	male foetus 2,13 m	-	-
83	8-Sep	8:00	9:20	10:15	11:05	14:50	Anadyr gulf, Enmelen settlement	3,0	4	3	20	beaufort - 1, wind - 0, ice - 0	male	9,0	74,00	aggressive	left shoulder injured	-	8-Sep	N.A.Rultintegreu
84	11-Sep	7:36	7:39	7:45	8:09	11:15	Opposite to Lorino settlement, Lorino settlement	4,5	10	0	40	beaufort - 2, wind - NE, ice - 0	female	13,5	261,00	quiet	-	-	-	-
85	14-Sep	11:10	11:30	12:25	12:45	13:30	Chechekuyum strait, Novoe Chaplino settlement	7,0	7	4	100	beaufort - 1, wind - SE, ice - 0	female	8,0	60,00	aggressive	-	-	15-Sep	Nanaun
86	15-Sep	5:30	5:50	6:00	6:20	10:20	Opposite to Neten cape, Enumino settlement	0,5	13	0	100	beaufort - 1, wind - NE, ice - 0	female	11,4	154,00	quiet	-	-	15-Sep	A.O.Tynkyroltyrgin
87	15-Sep	6:35	6:52	7:18	7:38	10:15	Opposite to Lorino settlement, Lorino settlement	11,0	11	0	45	beaufort - 2 wind - NW, ice - 0	female	12,6	211,00	aggressive	-	-	-	-
88	15-Sep	8:30	10:50	11:10	12:40	16:40	Anadyr gulf, Enmelen settlement	25,0	4	3	28	beaufort - 1 wind - 0, ice - 0	male	8,1	61,00	aggressive	right shoulder and body are partially injured	-	15-Sep	N.A.Rultintegreu
89	15-Sep	8:30	10:10	10:35	10:40	15:50	Anadyr gulf, Enmelen settlement	9,5	6	3	6	beaufort - 1, wind - 0, ice - 0	female	8,8	70,00	aggressive	tail, nape, and body are partially injured	foetus 2,4 m	15-Sep	N.A.Rultintegreu
90	16-Sep	6:15	6:28	7:38	7:51	13:25	Opposite to Lorino settlement, Lorino settlement	8,5	11	2	50	beaufort - 2, wind - NW, ice - 0	female	12,3	196,00	aggressive	-	-	-	-
91	17-Sep	8:37	8:51	9:18	9:33	10:35	Opposite to Lorino settlement, Lorino settlement	4,8	12	2	50	beaufort -1, wind - NW, ice - 0	female	13,1	238,00	aggressive	-	-	-	-
92	20-Sep	8:15	8:30	8:50	9:15	9:45	Opposite to Lorino settlement, Lorino settlement	9,0	10	2	40	beaufort -8, wind - NW, ice - 0	female	8,6	67,00	quiet	-	-	-	-
93	20-Sep	8:15	8:55	9:20	9:35	9:45	Opposite to Lorino settlement, Lorino settlement	1,0	8	0	30	beaufort - 8, wind - NW, ice - 0	male	8,8	70,00	quiet	-	-	-	-
94	21-Sep	7:30	8:00	8:25	8:40	9:30	Opposite to Lorino settlement, Lorino settlement	5,0	10	2	40	beaufort - 1, wind - SE, ice - 0	female	8,7	68,00	quiet	-	-	-	-
95	21-Sep	8:00	8:30	9:10	10:15	12:00	Lavrentiya bay, Lavrentiya settlement	14,0	8	0	50	beaufort - 0, wind - 0, ice - 0	male	9,5	88,00	quiet	-	-	-	-
96	22-Sep	9:00	10:50	11:40	13:13	16:40	Opposite to Makokuguan cape, Yanakynnot settlement	3,0	10	0	227	beaufort -2, wind - S, ice - 0	female	8,0	60,00	quiet	-	-	22-Sep	D.T.Gematagin
97	22-Sep	11:25	11:53	12:31	12:45	17:07	Opposite to Lorino settlement, Lorino settlement	14,0	12	2	60	beaufort - 3, wind - SE, ice - 0	male	13,2	244,00	aggressive	-	-	-	-
98	24-Sep	6:00	6:30	6:50	7:00	10:20	Opposite to Lorino settlement, Lorino settlement	2,0	9	0	35	beaufort - 1, wind - NW, ice - 0	male	9,0	74,00	quiet	-	-	-	-
99	24-Sep	6:00	6:15	6:45	7:00	7:30	Pynakuł, Lavrentiya settlement	1,5	12	2	100	beaufort - 0, wind - 0, ice - 0	female	9,2	79,00	quiet	-	-	24-Sep	O.I.Einetegina
100	25-Sep	4:30	7:10	8:00	8:30	12:00	Uelen strait	18,0	18	0	100	beaufort - 1, wind - S, ice - 0	female	9,7	93,00	aggressive	-	-	25-Sep	V. Ya.Etuvgi
101	25-Sep	5:30	6:30	8:20	8:50	11:20	Opposite to Inchoun settlement, Inchoun settlement	6,0	9	2	100	beaufort - 1, wind - S, ice - 0	male	10,2	109,00	quiet	-	-	-	-
102	30-Sep	13:00	13:15	13:35	14:00	15:00	Lavrentiya bay, Lavrentiya settlement	7,0	9	0	110	beaufort - 1, wind - NW, ice - 0	female	9,0	74,00	quiet	-	-	-	-
103	1-Oct	9:58	10:14	10:31	10:57	14:07	Opposite to Second spit, Lorino settlement	12,0	9	1	30	beaufort - 1, wind - W, ice - 0	male	9,2	79,00	aggressive	-	-	-	-
104	3-Oct	8:05	8:35	9:30	9:45	10:30	Opposite to "Nyakhpak" base, Novoe Chaplino settlement	5,0	7	4	120	beaufort - 0, wind - NE, ice - 0	female	8,0	60,00	aggressive	60 % of skin covered with bamacles, not stinky	-	3-Oct	LN.Makotrik
105	6-Oct	8:00	13:00	13:10	13:30	15:00	Lavrentiya bay, Lavrentiya settlement	8,0	8	0	90	beaufort - 2, wind - N, ice - 0	female	8,5	66,00	quiet	-	-	-	-
106	6-Oct	9:00	9:30	9:35	10:30	13:00	Anadyr gulf, Enmelen settlement	20,0	5	3	30	beaufort - 1, wind - 0, ice - 0	female	9,1	77,00	moderately aggressive	-	-	6-Oct	N.A.Rultintegreu
107	8-Oct	6:00	8:30	9:20	9:50	12:00	Opposite to Inchoun settlement, Inchoun settlement	4,0	9	3	100	beaufort - 1, wind - S, ice - 0	male	11,0	138,00	quiet	-	-	8-Oct	A.V.Cheyvun
108	8-Oct	7:30	9:40	10:30	11:05	11:55	Opposite to Enumino settlement, Enumino settlement	7,0	22	1	120	beaufort - 0, wind - 0, ice - 0	female	11,6	163,00	quiet	-	-	8-Oct	A.O.Tynkyroltyrgin
109	8-Oct	7:30	9:40	10:30	11:15	12:30	Pynakuł, Lavrentiya settlement	2,0	8	2	100	beaufort - 0, wind - 0, ice - 0	female	9,3	82,00	aggressive	-	-	8-Oct	O.I.Einetegina
110	9-Oct	8:30	8:45	9:20	9:35	10:10	Opposite to Lorino settlement, Lorino settlement	3,0	9	0	40	beaufort - 0, wind - NW, ice - 0	male	9,8	96,00	quiet	-	-	-	-
111	13-Oct	9:50	9:55	10:30	10:55	11:45	Opposite to Lorino settlement, Lorino settlement	5,0	8	0	45	beaufort - 3, wind - N, ice - 0	female	9,5	88,00	aggressive	-	-	-	-
112	15-Oct	7:30	7:45	8:15	8:20	9:15	Opposite to "Nyakhpak" base, Novoe Chaplino settlement	3,0	7	4	80	beaufort - 1, wind - N, ice - 0	female	8,0	60,00	quiet	-	-	15-Oct	LN.Makotrik
113	15-Oct	10:05	10:15	10:45	11:05	11:40	Opposite to "Nyakhpak" base, Novoe Chaplino settlement	2,0	6	4	80	beaufort - 1, wind - N, ice - 0	female	8,2	62,00	quiet	-	-	15-Oct	LN.Makotrik
114	20-Oct	10:30	13:12	13:42	14:09	17:20	Opposite to Lorino settlement, Lorino settlement	12,0	11	0	60	beaufort - 3, wind - N, ice - 0	female	10,9	134,00	aggressive	-	-	-	-
115	24-Oct	8:00	10:50	11:55	13:20	14:55	Chechekuyum strait, Yanakynnot settlement	8,0	7	9	187	beaufort - 2, wind - SW, ice - 0	female	8,5	66,00	quiet	-	-	27-Oct	D.T.Gematagin
116	25-Oct	6:00	6:30	7:30	9:00	14:40	Uelen strait	18,0	18	0	100	beaufort -1,0 wind - NW, ice - 0	female	11,0	138,00	aggressive	orca's bites	-	25-Oct	V. Ya.Etuvgi
117	25-Oct	6:00	10:10	11:30	12:00	16:30	Opposite to Inchoun settlement, Inchoun settlement	6,0	9	4	100	beaufort - 1, wind - S, ice - 0	male	13,5	261,00	quiet	-	-	25-Oct	A.V.Cheyvun
118	25-Oct	7:30	7:00	8:45	9:40	11:30	Pynakuł, Lavrentiya settlement	4,0	7	2	100	beaufort - 1, wind - SW, ice - 0	female	9,4	85,00	quiet	-	-	25-Oct	O.I.Einetegina
119	31-Oct	10:10	10:50	14:35	15:10	17:00	Opposite to Enumino settlement, Enumino settlement	1,3	13	1	135	beaufort - 0,5, wind - NE, ice - 0	female	11,7	167,00	quiet	-	-	31-Oct	A.O.Tynkyroltyrgin
120	5-Nov	9:30	12:10	13:15	13:30	14:05	Intuk, Sireniki settlement	0,5	8	1	120	beaufort - 0, wind - NE, ice - 0	male	8,0	60,00	quiet	-	-	-	-
121	16-Nov	7:30	9:30	10:40	11:10	12:30	Opposite to Inchoun settlement, Inchoun settlement	4,0	9	3	100	beaufort - 1, wind - S, ice - 0	male	9,1	77,00	quiet	-	-	16-Nov	A.V.Cheyvun
122	18-Nov	7:30	9:00	10:30	11:00	16:30	Memypylgin area	12,0	12	3	180	beaufort - 2, wind - S, ice - 1	-	-	-	quiet	struck and lost	-	-	-
123	19-Nov	9:45	9:58	10:30	10:45	16:53	Opposite to Lorino settlement	5,0	10	0	40	beaufort - 0,5, wind - NE, ice - 0	female	10,1	106,00	aggressive	-	-	-	-
124	21-Nov	9:00	11:15	11:45	12:05	19:00	Opposite to Lorino settlement	6,0	9	0	48	beaufort - 3, wind - NW, ice - 0	female	11,2	146,00	aggressive	-	-	-	-