

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

**Date:** 08/30/07      **Crew:** Napageak      **GPS Type:** GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
NAP	fiberglass	21'	Honda 225	5

**Whaling today?**    No      **If not, why not?** Initial trip to Cross Island

**Time departed:** 12:30 PM      **Time returned:** At CI

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NA			

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	<u>Trip to Cross Island from Nuiqsut</u>
<b>Time spent actively scouting/# people looking:</b>	
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	
<b>Notes:</b>	Took the Nigliq Channel route, within the barrier islands to West Dock, and then to Cross Island (the "normal" long route – Kuukpik Paa considered to be too shallow). Other crews are still getting ready 6 polar bears already reported to be on Cross Island (and hungry) All other boats remain in Nuiqsut as their crews prepare for whaling

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	In NQT	<b>Weather notes:</b>	<u>Foggy, not much wind in Nuiqsut. Conditions at CI good.</u>	
<b>Wind Direction:</b>	<u>light</u>	<b>Wind speed and other notes:</b>		
<b>% Ice Coverage:</b>	<u>0</u>	<b>Ice Type:</b>		<b>Other Notes:</b>
<b>Wave Height:</b>		<b>Other notes on sea conditions:</b>		
<b>Other pertinent notes:</b>	<u>No detailed account of weather or sea conditions</u>			

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

**Engaged in any other subsistence activities?**    No      **If yes, describe below**

**GPS track?** No    **GPS File Name:** NA

**If not, why not?** Track for NQT-CI recovered, but is a transit track, not a scouting track

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 08/31/07

Crew: Napageak

GPS Type: GPS60

Vessel	Type	Length	HP Motor	# crew aboard/notes
NAP	fiberglass	21'	Honda 225	4

Whaling today? Yes      If not, why not?

Time departed: 9:50

Time returned: 21:04

Trip time of 11 hours 14 minutes; roundtrip of 64.0 miles, furthest point from Cross Island of 14.7 miles

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NAP_083107a	N70.49867 W147.59512	10:59	Com Center log indicates NAP1 saw two whales
nap_083107b	N70.51199 W147.55670	11:42	Still chasing whales
nap_083107c	N70.50872 W147.35017	15:13	Lost track of whale seen at NAP083107a
nap_083107d	N70.46755 W147.49922	16:03	Saw 3 whales
nap_083107e	N70.47027 W147.52850	16:25	Apparent strike location of NAP whale
nap_083107f	N70.46904 W147.53561	16:35	Apparent kill location of NAP whale
NAP_083107g	N70.42852 W147.53822	16:13	Lots of whales/blows south of chase
nap_083107h	N70.47188 W147.59742	17:30	Tow event (routine)
nap_083107i	N70.48672 W147.76629	18:41	Tow event - almost cut whale loose (sea conditions)

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	East & south, but eventually NE
<b>Time spent actively scouting/# people looking:</b>	6:13 w/4 scout; 0:32 chase
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	4:29 tow
<b>Notes:</b>	Captain did not explain why he started out east and south of Cross Island. He reported good conditions when they went out – calm and glassy seas with 3-foot rollers. They eventually headed NE (where Nuiqsut whalers typically look for whales) and spotted a whale about 9 miles east of CI (point "a"). They were still chasing this (and other) whales when the Com Center asked them to report in (point "b"). They followed this whale for quite a time and distance, with several direction changes (N, NW, NE, E, S, E) but eventually lost track of this whale at point "c". They then headed SW and about 50 minutes later saw another whale (may have seen blow in the distance, the reason they headed SW) with two others nearby (point "d"). There were many blows to the south and east of them. Of the 3 whales they were nearest, a big one was going east, and 2 smaller ones going west. A 25-30 footer was on the left side, but the other was easier to try and approach and follow, so they choose it. They struck it at point "e" and had an instant kill. They used a regular black powder bomb – they did not have the rubber band for the superbomb. This turned out to be a 34'5" female. Did not take other measurements but had a small slit and small arms, but big flippers – was a fat and round whale. They towed the whale alone, although the IAN boat did meet them about 3 miles from Cross Island and accompanied them back, since the wind came up right after the strike and sea conditions were becoming very rough (7 or 8 foot swells with whitecaps and worse). They considered cutting the whale loose at point "f" due to the rough conditions, but decided to try to bring it in and were able to do so. NAP whale statistics – 34'6" length (only measurements taken), female

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Calm and glassy seas in morning w/rollers; then became rough
<b>Wind Direction:</b>	?	<b>Wind speed and other notes:</b>	Not reported – from near 0 to 20 mph or more
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	NA
<b>Wave Height:</b>	7-8	<b>Other notes on sea conditions:</b>	Became very rough after the whale was struck
<b>Other pertinent notes:</b>			

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities? No      If yes, describe below

GPS track? Yes      GPS File Name: NAP\_083107.gdb

If not, why not?

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 08/31/07

Crew: Aqarguin

GPS Type: GPS60

Vessel	Type	Length	HP Motor	# crew aboard/notes
IAN	aluminum	24'	Yamaha 225	7 to CI/4 to assist tow

Whaling today? Yes  If not, why not?

Trip from Nuiqsut to Cross Island from about 11:30 to 18:30

Time departed: 19:33

Time returned: 20:40

Trip time of 1 hour 7 minutes; roundtrip of 7.2 miles, furthest point from Cross Island of 1.7 miles

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NA			

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	Trip NQT to CI, then NE and E to assist tow
<b>Time spent actively scouting/# people looking:</b>	NA
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	1:07 w/4 to assist tow
<b>Notes:</b>	Com Center reported that NAP crew is out scouting and is seeing whales. This encouraged other crews to try get out. IAN left NQT about 11:30 AM and arrived at Cross Island about 6:30 PM (18:30). They took the same route as the NAP crew – the Nigliq channel to the ocean, then inside the barrier islands to West Dock, and then out to Cross Island. After unloading and refueling, IAN went out with 4 on board to assist NAP with the tow. IAN met NAP about 1.7 miles from Cross Island and accompanied them to the safety of the island.

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Calm and glassy seas in morning w/rollers; then became rough
<b>Wind Direction:</b>	?	<b>Wind speed and other notes:</b>	Not reported – from near 0 to 20 mph or more
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	NA
<b>Wave Height:</b>	7-8	<b>Other notes on sea conditions:</b>	Became very rough during afternoon/evening
<b>Other pertinent notes:</b>			

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities? No  If yes, describe below

GPS track? Yes  GPS File Name: NAP\_083107.gdb

If not, why not?

**cANIMIDA Task 4 Data Collection Form, 2007**

**Use one form for all non-scouting vessels/day**

**Date:** 08/31/07      **Crew:** Nukapigak      **GPS Type:** various

Vessel	Type	Length	HP Motor	# crew aboard/notes
NUK1	Aluminum	18'	115 Yamaha	2
NUK2	Aluminum	20'	115 Yamaha	2 or 3
NUK3	fiberglass			2 or 3
BO1	Fiberglass	17'/18'	80 HP Yamaha	NA, in NQT getting ready
BO2	aluminum	18'/19'	125 Mercury	NA, in NQT getting ready
IP1	Fiberglass	18'	Honda 150	NA, in NQT getting ready
IP2	aluminum	19'	Yamaha 100	NA, in NQT getting ready

**Whaling today?**      No      **If not, why not?** Aborted trip from Nuiqsut to Cross Island

**Time departed:** 15:45      **Time returned:** 21:03  
**Trip time of 5 hours 18 minutes; roundtrip of 59.8 miles, furthest point from Cross Island NA**  
**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NA			

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	<u>NA</u>
<b>Time spent actively scouting/# people looking:</b>	<u>NA</u>
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	<u>NA</u>
<b>Notes:</b>	The NUK crew tried to make the trip to Cross Island, hoping to beat the expected bad weather. They left later in the day than the IAN crew as they needed to complete some preparations and were waiting for several crew members to arrive in Nuiqsut. The times given are for NUK1, which left somewhat before and returned somewhat before the other two boats. The NUK crew was planning to take the same route as the NAP and IAN crews, but the NUK3 boat was taking on water from behind, because of the conditions, and had to turn back to Nuiqsut. The other two boats also turned around to accompany it for safety. All boats hit shallow water and were stuck/went very slow for various periods of time. Smaller boats came out from Nuiqsut to assist, and eventually all three boats returned to Nuiqsut. The NUK crew discussed fixing NUK3 before trying the trip again, but eventually simply replaced it with a different boat.

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>		<b>Weather notes:</b>	
<b>Wind Direction:</b>		<b>Wind speed and other notes:</b>	<u>Wind not extreme, but rough sea conditions</u>
<b>% Ice Coverage:</b>	<u>0</u>	<b>Ice Type:</b>	
<b>Wave Height:</b>		<b>Other notes on sea conditions:</b>	
<b>Other pertinent notes:</b>			

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

**Engaged in any other subsistence activities?**      No      **If yes, describe below**

**GPS track?** NA      **GPS File Name:**

**If not, why not?** Transit track only – one obtained for the three boats but not used as data

Date: 09/01/07 Crew: Various GPS Type: NA

Vessel	Type	Length	HP Motor	# crew aboard/notes
BO1	Fiberglass	17'/18'	80 HP Yamaha	NA, in NQT getting ready
BO2	aluminum	18'/19'	125 Mercury	NA, in NQT getting ready
IAN	aluminum	24'	Yamaha 225	On shore due to weather & butchering
IP1	Fiberglass	18'	Honda 150	NA, in NQT getting ready
IP2	aluminum	19'	Yamaha 100	NA, in NQT getting ready
NAP	fiberglass	21'	Honda 225	On shore due to butchering & weather
NUK1	Aluminum	18'	115 Yamaha	NA, in NQT getting ready
NUK2	Aluminum	20'	115 Yamaha	NA, in NQT getting ready
NUK3	Aluminum	20'	115 Yamaha	NA, in NQT getting ready

Whaling today? No If not, why not? Weather on Cross Island, getting ready in Nuiqsut

Time departed: NA Time returned: NA

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NA			

**Describe the day's activity (traveling, hours searching for whales)**

Direction of initial search (and explanation):	NA
Time spent actively scouting/# people looking:	NA
Time spent in travel/tow/assistance to other boats/on "break":	NA
Notes:	

**Observations of Whaling Crew - weather, sea state, ice-conditions**

Fog or clouds?		Weather notes:	Windy in NQT as well as on Cross Island
Wind Direction:		Wind speed and other notes:	25-30 mph at Cross Island
% Ice Coverage:	0	Ice Type:	Other Notes:
Wave Height:		Other notes on sea conditions:	
Other pertinent notes:	NAP and IAN had to pull their boats up on the beach at Cross Island		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities? No If yes, describe below

GPS track? NA GPS File Name:  
 If not, why not?

**cANIMIDA Task 4 Data Collection Form, 2007**

**Use one form for all non-scouting vessels/day**

**Date:** 09/02/07      **Crew:** Various      **GPS Type:** NA

Vessel	Type	Length	HP Motor	# crew aboard/notes
BO1	Fiberglass	17'/18'	80 HP Yamaha	NA, in NQT getting ready
BO2	aluminum	18'/19'	125 Mercury	NA, in NQT getting ready
IAN	aluminum	24'	Yamaha 225	On shore due to weather & butchering
IP1	Fiberglass	18'	Honda 150	NA, in NQT getting ready
IP2	aluminum	19'	Yamaha 100	NA, in NQT getting ready
NAP	fiberglass	21'	Honda 225	On shore due to butchering & weather
NUK1	Aluminum	18'	115 Yamaha	NA, in NQT getting ready
NUK2	Aluminum	20'	115 Yamaha	NA, in NQT getting ready
NUK3	Aluminum	20'	115 Yamaha	NA, in NQT getting ready

**Whaling today?**      No      **If not, why not?** Weather on Cross Island, getting ready in Nuiqsut

**Time departed:** NA      **Time returned:** NA

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NA			

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	<u>NA</u>
<b>Time spent actively scouting/# people looking:</b>	<u>NA</u>
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	<u>NA</u>
<b>Notes:</b>	

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>		<b>Weather notes:</b>	<u>Windy in NQT as well as on Cross Island</u>
<b>Wind Direction:</b>		<b>Wind speed and other notes:</b>	<u>25-30 mph at Cross Island</u>
<b>% Ice Coverage:</b>	<u>0</u>	<b>Ice Type:</b>	<b>Other Notes:</b>
<b>Wave Height:</b>		<b>Other notes on sea conditions:</b>	
<b>Other pertinent notes:</b>	<u>NAP and IAN had to pull their boats up on the beach at Cross Island</u>		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

**Engaged in any other subsistence activities?**      No      **If yes, describe below**

**GPS track?** NA      **GPS File Name:**  
**If not, why not?**

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/03/07 Crew: Aqarguin GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
IAN	aluminum	24'	Yamaha 225	7

Whaling today? Yes If not, why not?

Time departed: 8:25 Time returned: 16:52  
Trip time of 8 hours 27 minutes; roundtrip of NA, furthest point from Cross Island 15.4

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
IAN_090307a	N70.44600 W147.43870	11:48	Location of IAN S&L - 5 or 7 whales in the area
ian_090307b	N70.47234 W147.62885	14:15	Where tracking picked up again, whale seen maybe 20 minutes prior
ian_090307c	N70.49686 W147.72914	14:57	Maybe a few whales up here
ian_090307d	N70.43980 W147.65189	16:26	Turned back t Cross Island - crew wet

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	Went out S of CI (rather than N) & then E – see notes	
<b>Time spent actively scouting/# people looking:</b>	8:01 w/7	
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	0:26 in transit back to Cross Island	
<b>Notes:</b>	Conditions rougher than on 8/31, so conditions rougher further out. IAN went out E of CI to check area N of Narwhal Island. They were scouting by themselves, as the NAP boat was taking their <i>tavsi</i> to West Dock. IAN marked no points and provided no information prior to the position of where they struck and lost a whale (point "a"). The IAN GPS unit lost signal periodically – possibly because the harpooner was in charge of it, and when he was at the front of the boat the signal was fine, but when he went into the hardtop cabin (to get out of the weather/spray) the signal was lost. Periods of signal loss correspond with the period after the whale was lost and while they were looking for it, and after they decided to return to Cross Island and were no longer looking for whales. Point "b" is where tracking resumes and where the IAN crew noted they saw a whale, with other whales seen at point "c". They did not go very far north, probably due to sea conditions. They decided to return to Cross Island at point "d" due to sea conditions (the harpooner was getting very wet) and returned to Cross Island at high speed.	

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Initial conditions worse than initial conditions on 8/31
<b>Wind Direction:</b>		<b>Wind speed and other notes:</b>	Not much wind
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	<b>Other Notes:</b>
<b>Wave Height:</b>	4-6 ft	<b>Other notes on sea conditions:</b>	4-6 foot rolling waves, not much wind
<b>Other pertinent notes:</b>	Conditions worse in the morning than later in the day		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities? No If yes, describe below

GPS track? Yes GPS File Name: IAN\_090307a.gdb and IAN\_090307b.gdb (partial tracks)  
If not, why not?

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/03/07 Crew: Napageak GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
NAP	fiberglass	21'	Honda 225	3

Whaling today? Yes If not, why not?

Time departed: 12:16 Time returned: 17:34  
Trip time of 5 hours 17 minutes; roundtrip of 43.9 miles, furthest point from Cross Island 11.8

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NAP_090307a	N70.44225 W148.11693	9:15	Report whale 4.5 miles SW of CI (9:10 GPS time)
nap_090307b	N70.44600 W147.43870	11:48	NAP point for IAN S&L
nap_090307c	N70.45438 W147.65494	13:56	Whales in the area, same area as IAN b&c
nap_090307d	N70.46685 W147.61605	14:15	Probably same whale area and whales
nap_090307e	N70.50877 W147.66674	14:57	Maybe 2 whales in this area
nap_090307f	N70.44884 W147.48982	16:26	Turns to head north, then west back to Cross Island

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	East to assist IAN boat with whale
<b>Time spent actively scouting/# people looking:</b>	4:04 w/3
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	0:43 assist; 0:31 return to Cross Island
<b>Notes:</b>	NAP took their <i>tavsi</i> over to West Dock in the morning (7:21-9:26, with about 30 minutes spent at West Dock). After taking their <i>tavsi</i> to West Dock, NAP went out to assist IAN with what NAP believed to be a dead whale. They left for IAN's coordinates (point "b") and did not take whaling equipment. When they were about 3.4 miles out from Cross Island (12:41) IAN informed them that the whale had been lost and they were looking for it – so NAP turned around for Cross Island, picked up their whaling gear, and headed right out again (12:59). This is being treated as a single trip (as an exception to the general rule that a return to Cross Island ends a trip). At point "c" NAP was seeing whales (probably same group of whales as IAN) and turned N to see how conditions were that way and to follow whales. Point "d" is for the same group of whales. Point "e" indicates two other whales, and the turnaround point back South. NAP indicated that conditions were "wet" all day (although conditions coming in on 8/31 were worse). They did not want to go any further North, however. They went South and East, and then decided to try North a bit again when IAN boat decided to go in, and NAP turned for Cross Island about 17:03.

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Initial conditions worse than initial conditions on 8/31
<b>Wind Direction:</b>		<b>Wind speed and other notes:</b>	Not much wind
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	
<b>Wave Height:</b>	4-6 ft	<b>Other notes on sea conditions:</b>	4-6 foot rolling waves, not much wind
<b>Other pertinent notes:</b>	Conditions worse in the morning than later in the day		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities? No If yes, describe below

GPS track? Yes GPS File Name: NAP\_090307.gdb  
If not, why not?  Track for trip to West dock collected but not archived



**cANIMIDA Task 4 Data Collection Form, 2007**

**Use one form for all non-scouting vessels/day**

**Date:** 09/03/07      **Crew:** Various      **GPS Type:** NA

Vessel	Type	Length	HP Motor	# crew aboard/notes
BO1	Fiberglass	17'/18'	80 HP Yamaha	3
BO2	aluminum	18'/19'	125 Mercury	4
IP1	Fiberglass	18'	Honda 150	2
IP2	aluminum	19'	Yamaha 100	3
NUK1	Aluminum	18'	115 Yamaha	2-0
NUK2	Aluminum	20'	115 Yamaha	3-4
NUK3	Aluminum	20'	115 Yamaha	2-3

**Whaling today?**      No      **If not, why not?** In transit from Nuiqsut to Cross Island  
 Each crew left Nuiqsut when it was ready, so that the three crews did not travel together. All crews took the same general route – the Nigliq Channel to the ocean, inside the barrier islands to West Dock, and then to Cross Island. NUK1 ran over a chunk of ice or something not far from West Dock and developed a leak. NUK1 was left at West Dock for the duration of the season, and its crew transferred to the other two NUK boats. The IP2 and the BO2 boats were also taking on water through leaks. Both were repaired well enough for use as transports, but only IP2 was used for whaling (and for only one trip). NUK1 was picked up on the way back to Nuiqsut at the end of the season, as it had also been repaired.

**Time departed:** NA      **Time returned:** NA

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NA			

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	<u>NA</u>
<b>Time spent actively scouting/# people looking:</b>	<u>NA</u>
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	<u>NA</u>
<b>Notes:</b>	

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	<u>No</u>	<b>Weather notes:</b>	<u>Initial conditions worse than initial conditions on 8/31</u>
<b>Wind Direction:</b>		<b>Wind speed and other notes:</b>	<u>Not much wind</u>
<b>% Ice Coverage:</b>	<u>0</u>	<b>Ice Type:</b>	
<b>Wave Height:</b>	<u>4-6 ft</u>	<b>Other notes on sea conditions:</b>	<u>4-6 foot rolling waves, not much wind</u>
<b>Other pertinent notes:</b>	<u>Conditions worse in the morning than later in the day</u>		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

**Engaged in any other subsistence activities?**      No      **If yes, describe below**  
 \_\_\_\_\_

**GPS track?** NA      **GPS File Name:** \_\_\_\_\_  
**If not, why not?** \_\_\_\_\_

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/04/07 Crew: Aqarguin GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
IAN	aluminum	24'	Yamaha 225	5

Whaling today? Yes If not, why not?

Time departed: 6:00 Time returned: 9:54

Trip time of 3 hours 54 minutes; roundtrip of 33.6, furthest point from Cross Island 13.3

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NA			IAN did not mark or locate any points

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	Went out E, SE to area where they saw whales 9/03
<b>Time spent actively scouting/# people looking:</b>	3:54 w/5
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	
<b>Notes:</b>	Conditions rougher than 9/03 - 4 to 5 foot seas when they went out. They went to look in the same area as they saw whales 9/03. IAN may have gone scouting to look for the whale they struck and lost on 9/03, even though conditions may have been marginal (this was not explicitly stated by IAN, though). They did not see any whales or blows, but did see a handful of whale birds about 9 or 10 miles from Cross Island. They were also seeing many seals (natiqich, but no oogruk). States that yesterday they kept losing satellite reception, perhaps due to the hard top on the cabin of their new boat.

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Worse than 9/03, BP 29.6 and rising
<b>Wind Direction:</b>	E	<b>Wind speed and other notes:</b>	15-25 mph
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	<b>Other Notes:</b>
<b>Wave Height:</b>	4-5 ft	<b>Other notes on sea conditions:</b>	4-5 feet when they went out, waves got bigger
<b>Other pertinent notes:</b>			

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities? No If yes, describe below

GPS track? Yes GPS File Name: IAN\_090407.gdb  
If not, why not?

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/04/07 Crew: Ipalook GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
IP1	Fiberglass	18'	Honda 150	5

Whaling today? Yes If not, why not?

Time departed: 7:00 Time returned: 10:44  
 Trip time of 3 hours 44 minutes; roundtrip of 23.2, furthest point from Cross Island 9.8

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
IP1_090407a	N70.50029 W147.99072	7:06	UNK
IP1_090407b	N70.55732 W147.86143	7:35	Spot a whale

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	NE, to see if whales in that area
<b>Time spent actively scouting/# people looking:</b>	3:44 w/5
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	
<b>Notes:</b>	Conditions rougher than 9/03 - 4 to 5 foot seas when they went out. They went NE, then NW and ended up N of Cross Island. Wanted to look in an area other than the one IAN was covering. Conditions not good, but they did see a whale at point "b". Not much else noted.

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Worse than 9/03, BP 29.6 and rising
<b>Wind Direction:</b>	E	<b>Wind speed and other notes:</b>	15-25 mph
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	
<b>Wave Height:</b>	4-5 ft	<b>Other notes on sea conditions:</b>	4-5 feet when they went out, waves got bigger
<b>Other pertinent notes:</b>			

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities? No If yes, describe below

GPS track? Yes GPS File Name: IP1\_090407.gdb  
 If not, why not?

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/04/07 Crew: Napageak GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
NAP	fiberglass	21'	Honda 225	5

Whaling today? Yes If not, why not?

Time departed: 7:07 Time returned: 9:29  
 Trip time of 2 hours 22 minutes; roundtrip of 20.4, furthest point from Cross Island 7.8

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
nap_090407a	N70.47866 W147.79716	7:36	Saw a blow to the North and headed up that way
nap_090407b	N70.51513 W147.78534	7:53	Decided they had lost the blow (nap090407a) - never saw it again

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	S and the E to where IAN saw whales on 9/03
<b>Time spent actively scouting/# people looking:</b>	2:01 w/5
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	0:21 at high speed returning to Cross Island
<b>Notes:</b>	Conditions rougher than 9/03 – 4 to 5 foot seas when they went out. First went S of Cross Island, and then E to go to area where IAN had seen whales on 9/03. However, at point "a" they saw a blow to the North and cut up that way. NAP never found this blow (never saw it again or a whale) and decided that they had lost it at point "b". NAP then veered to the NE when it started to get choppy – seas to 6 fet as opposed to the 4 to 5 feet earlier in the day. It seemed to be worse to the North, or NAP tinks that maybe the wind got stronger, but there were whitecaps later in the day. At the furthest point from Cross Island the NAP crew decided that the conditions were simply not good enough for whaling and turned back to Cross Island. Conditions on the way to Cross Island remained the same – rough seas with whitecaps and the wind was picking up. About halfway back to Cross Island (9:08) they sped up to transit speed.

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Worse than 9/03, BP 29.6 and rising
<b>Wind Direction:</b>	E	<b>Wind speed and other notes:</b>	15-25 mph
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	
<b>Wave Height:</b>	4-5 ft	<b>Other Notes:</b>	
<b>Other pertinent notes:</b>	4-5 feet when they went out, waves got bigger		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities? No If yes, describe below

GPS track? Yes GPS File Name: NAP\_090407.gdb  
 If not, why not?

**cANIMIDA Task 4 Data Collection Form, 2007**

**Use one form for all non-scouting vessels/day**

**Date:** 09/04/07      **Crew:** Various      **GPS Type:** NA

Vessel	Type	Length	HP Motor	# crew aboard/notes
BO1	Fiberglass	17'/18'	80 HP Yamaha	Onshore due to weather
BO2	aluminum	18'/19'	125 Mercury	Onshore due to weather
IP2	aluminum	19'	Yamaha 100	Onshore due to weather
NUK1	Aluminum	18'	115 Yamaha	Onshore at West Dock, disabled
NUK2	Aluminum	20'	115 Yamaha	Onshore due to weather
NUK3	Aluminum	20'	115 Yamaha	Onshore due to weather

**Whaling today?**      No      **If not, why not?**      NUK1 disabled. All others onshore due to weather.  
BO and NUK crews believed conditions too marginal for scouting. Conditions deemed too marginal for IP2 boat as well. Some boats wanted to go just to see if whales could be found (and probably also in case the struck and lost whale had come up, although 2 or 3 days would be the expected time for this to occur).

**Time departed:** NA      **Time returned:** NA

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NA			

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	NA
<b>Time spent actively scouting/# people looking:</b>	NA
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	NA
<b>Notes:</b>	

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Worse than 9/03, BP 29.6 and rising
<b>Wind Direction:</b>	E	<b>Wind speed and other notes:</b>	15-25 mph
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	
<b>Wave Height:</b>	4-5 ft	<b>Other notes on sea conditions:</b>	4-5 feet when they went out, waves got bigger
<b>Other pertinent notes:</b>			

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

**Engaged in any other subsistence activities?**      No      **If yes, describe below**

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**GPS track?**      NA      **GPS File Name:**

<b>If not, why not?</b>	
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**cANIMIDA Task 4 Data Collection Form, 2007**

**Use one form for all non-scouting vessels/day**

**Date:** 09/05/07      **Crew:** Various      **GPS Type:** NA

Vessel	Type	Length	HP Motor	# crew aboard/notes
BO1	Fiberglass	17'/18'	80 HP Yamaha	Onshore due to weather
BO2	aluminum	18'/19'	125 Mercury	Onshore due to weather
IAN	aluminum	24'	Yamaha 225	Onshore due to weather
IP1	Fiberglass	18'	Honda 150	Onshore due to weather
IP2	aluminum	19'	Yamaha 100	Onshore due to weather
NAP	fiberglass	21'	Honda 225	Onshore due to weather
NUK1	Aluminum	18'	115 Yamaha	Onshore at West Dock, disabled
NUK2	Aluminum	20'	115 Yamaha	Onshore due to weather
NUK3	Aluminum	20'	115 Yamaha	Onshore due to weather

**Whaling today?**      No      **If not, why not?** Weather on Cross Island

**Time departed:** NA      **Time returned:** NA

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NA			

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	<u>NA</u>
<b>Time spent actively scouting/# people looking:</b>	<u>NA</u>
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	<u>NA</u>
<b>Notes:</b>	

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	<u>Foggy</u>	<b>Weather notes:</b>	<u>BP 29.68 and steady (or rising trend)</u>
<b>Wind Direction:</b>	<u>E/ESE</u>	<b>Wind speed and other notes:</b>	<u>12-28 mph</u>
<b>% Ice Coverage:</b>	<u>0</u>	<b>Ice Type:</b>	<b>Other Notes:</b>
<b>Wave Height:</b>		<b>Other notes on sea conditions:</b>	<u>Conditions similar to day before (9/04)</u>
<b>Other pertinent notes:</b>			

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

**Engaged in any other subsistence activities?**      No      **If yes, describe below**

**GPS track?** NA      **GPS File Name:**

**If not, why not?**

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/06/07 Crew: Ipalook GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
IP1	Fiberglass	18'	Honda 150	4

Whaling today? Yes  If not, why not?

Time departed: 9:59 Time returned: 11:34  
 Trip time of 1 hour 35 minutes; roundtrip of 10.4, furthest point from Cross Island 2.5

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
ip1_090607a	N70.50554 W147.92252	10:21	Easternmost point of track - turned back
ip1_090607b	N70.50548 W147.98085	10:32	May have seen something, but no report
ip1_090607c	N70.50405 W148.01920	10:46	May have seen something, but no report
ip1_090607d	N70.52075 W148.04444	11:11	Northernmost point of track - turned to return to CI

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	NE, then W and N
<b>Time spent actively scouting/# people looking:</b>	1:35 w/4
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	
<b>Notes:</b>	Conditions similar to 9/04. Left after NAP boat and so looked in a different direction for whales. Were at "scouting speed" more than the NAP boat (which covered more area) but did not report seeing any whales or blows. Went out just to check conditions but soon turned back.

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Worse than 9/03, BP 29.7 and rising
<b>Wind Direction:</b>	SSE	<b>Wind speed and other notes:</b>	10-20 mph
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	
<b>Wave Height:</b>	4-5 ft	<b>Other notes on sea conditions:</b>	Probably 4-5 feet when they went out
<b>Other pertinent notes:</b>			

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities? No  If yes, describe below

GPS track? Yes  GPS File Name: IP1\_090607.gdb  
 If not, why not?

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/06/07 Crew: Napageak GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
NAP	fiberglass	21'	Honda 225	5

Whaling today? Yes If not, why not?

Time departed: 9:36 Time returned: 11:30  
 Trip time of 1 hour 54 minutes; roundtrip of 14.1, furthest point from Cross Island 3.2

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
nap_090607b	N70.49636 W147.98919	10:32	May have seen something, but no report (circles in track) – more likely was communication with IP1
nap_090607c	N70.51787 W148.04526	11:11	Northernmost point of track - turned to return to CI

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	E to area where they had been seeing whales, then NW to IP1
<b>Time spent actively scouting/# people looking:</b>	1:54 w/5
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	
<b>Notes:</b>	Conditions similar to 9/04. Went out E to area where they had seen whales previously. On way back to Cross Island may have communicated with IP1 because they then circled and headed NW to IP1 and stayed with them on NW part of tracks. They stayed together from that point and went back to Cross Island together,

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Worse than 9/03, BP 29.7 and rising
<b>Wind Direction:</b>	SSE	<b>Wind speed and other notes:</b>	10-20 mph
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	
<b>Wave Height:</b>	4-5 ft	<b>Other notes on sea conditions:</b>	Probably 4-5 feet when they went out
<b>Other pertinent notes:</b>			

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities? No If yes, describe below

GPS track? Yes GPS File Name: NAP\_090607.gdb  
 If not, why not?



**cANIMIDA Task 4 Data Collection Form, 2007**

**Use one form for all non-scouting vessels/day**

**Date:** 09/06/07      **Crew:** Various      **GPS Type:** NA

Vessel	Type	Length	HP Motor	# crew aboard/notes
BO1	Fiberglass	17'/18'	80 HP Yamaha	Onshore due to weather
BO2	aluminum	18'/19'	125 Mercury	Onshore due to weather
IAN	aluminum	24'	Yamaha 225	Onshore due to weather
IP2	aluminum	19'	Yamaha 100	Onshore due to weather
NUK1	Aluminum	18'	115 Yamaha	Onshore at West Dock, disabled
NUK2	Aluminum	20'	115 Yamaha	Onshore due to weather
NUK3	Aluminum	20'	115 Yamaha	Onshore due to weather

**Whaling today?**      No      **If not, why not?** Weather on Cross Island

**Time departed:** NA      **Time returned:** NA

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NA			

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	<u>NA</u>
<b>Time spent actively scouting/# people looking:</b>	<u>NA</u>
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	<u>NA</u>
<b>Notes:</b>	

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	<u>Foggy</u>	<b>Weather notes:</b>	<u>BP 29.68 and steady (or rising trend)</u>
<b>Wind Direction:</b>	<u>E/ESE</u>	<b>Wind speed and other notes:</b>	<u>12-28 mph</u>
<b>% Ice Coverage:</b>	<u>0</u>	<b>Ice Type:</b>	<b>Other Notes:</b>
<b>Wave Height:</b>		<b>Other notes on sea conditions:</b>	<u>Conditions similar to day before (9/04)</u>
<b>Other pertinent notes:</b>			

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

**Engaged in any other subsistence activities?**      No      **If yes, describe below**

**GPS track?** NA      **GPS File Name:**  
**If not, why not?**

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/07/07 Crew: Oyagak GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
BO1	Fiberglass	17'/18'	80 HP Yamaha	4

**Two Scouting Trips for the day, this form just the first trip**

Whaling today?	Yes	If not, why not?
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Time departed: 6:13 Time returned: 8:44

First trip: Trip time of 2 hour 31 minutes; roundtrip of 19.7, furthest point from Cross Island 7.3

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
none			

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	NE in support of other boats
<b>Time spent actively scouting/# people looking:</b>	0:53; 0:50 chase/kill; 0:10 prepare to tow; 0:38 transit to CI
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	
<b>Notes:</b>	BO1 was the last boat out in the morning and went NE in support of the other boats – to catch up with them. BO1 only reached the whale after the float was on (after the first strike). BO1 did not mark any points or add anything else to the account of the chase/kill. After the kill, BO1 tried to help with the tow but conditions were such (4-foot swells) that it was simply not safe for them to do so. IP2 had returned to Cross Island for the same reason. BO1 was able to participate in the afternoon scouting and tow, however (see second BO1 boat report form).

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Calmmest day of the season, sea swells of 4 feet but "calm" seas
<b>Wind Direction:</b>	shifting	<b>Wind speed and other notes:</b>	0-10 mph, BP 29.88 and steady (but a short peak)
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	
<b>Wave Height:</b>	small	<b>Other Notes:</b>	Wind for most/all whaling <5 mph
<b>Other pertinent notes:</b>	The best day for scouting for whales of the season, worse conditions predicted for the next day (both the official weather forecast and downward trend of local BP). This was the main reason the captains decided to try to land two whales (and did). Wind shifted around the compass. Whalers described seas as "calm" with 4 foot rollers.		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities?	No	If yes, describe below
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GPS track? Yes	GPS File Name: IP1_090707a.gdb
If not, why not?	

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/07/07

Crew: Oyagak

GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
BO1	Fiberglass	17'/18'	80 HP Yamaha	3

**Two Scouting Trips for the day, this form just the first trip**

Whaling today?	Yes	If not, why not?
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Time departed: 13:01

Time returned: "25:42"

Second trip: Trip time of 12 hour 41 minutes; roundtrip of 45.8, furthest point from Cross Island 16.4

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
BO1_090707a	N70.54178 W147.39560	15:22	Chase event - BO1 position at time of IP1 strike
BO1_090707b	N70.55112 W147.29680	"16:24"	Points marked after whale flipped over and stopped and drifting, but before pronounced dead
BO1_090707c	N70.55122 W147.29611	16:27	
BO1_090707d	N70.55124 W147.29595	16:27	
BO1_090707e	N70.60576 W147.29060	NA	Whales to North of chase - duplicate of nap090707i

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	NE then SE to where whales were seen before
<b>Time spent actively scouting/# people looking:</b>	2:20; 1:28 chase/kill; 0:20 prepare to tow; 8:33 tow
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	
<b>Notes:</b>	BO1 went out SE and then turned NE, similar to IP1. BO1 did not mark or locate any whale sightings additional to those of others. Likely that points marked were duplicative. BO1 did indicate that they saw additional whales during the chase, but none that other crews had not already indicated. Sea conditions may have moderated since the morning, since the BO1 boat did help tow the whale back to Cross Island. BO1 did participate in killing the whale with a darting gun bomb and the final shoulder gun bomb.

**Observations of Whaling Crew – weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Calmmest day of the season, sea swells of 4 feet but "calm" seas
<b>Wind Direction:</b>	shifting	<b>Wind speed and other notes:</b>	0-10 mph, BP 29.88 and steady (but a short peak)
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	
<b>Wave Height:</b>	small	<b>Other Notes:</b>	Wind for most/all whaling <5 mph
<b>Other pertinent notes:</b>	The best day for scouting for whales of the season, worse conditions predicted for the next day (both the official weather forecast and downward trend of local BP). This was the main reason the captains decided to try to land two whales (and did). Wind shifted around the compass. Whalers described seas as "calm" with 4 foot rollers.		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities?

No

If yes, describe below

GPS track? Yes GPS File Name: BO1\_090707b.gdb

If not, why not?

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/07/07 Crew: Aqarguin GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
IAN	aluminum	24'	Yamaha 225	7

**Two Scouting Trips for the day, this form just the first trip**

Whaling today?	Yes	If not, why not?
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Time departed: 5:34 Time returned: 10:58

Second trip: Trip time of 5 hour 24 minutes; roundtrip distance NA, furthest point from Cross Island NA

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
IAN_090707a	N70.49126 W147.98303	NA	Cross Island
<b>IAN_090707b</b>	<b>N70.50446 W147.96815</b>	<b>5:47</b>	<b>Whale sighting</b>
IAN_090707c	N70.53015 W147.92972	6:00	Whale sighting - not clear if the same one or not
IAN_090707d	N70.53288 W147.92732	6:03	Probable chase event - no report
IAN_090707e	N70.57016 W147.78179	7:59	Preparing for tow or start of tow

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	No GPS track available – probably near NUK and IP boats
<b>Time spent actively scouting/# people looking:</b>	1:32; 0:50 chase/kill; 0:37 prepare to tow; 2:25 tow
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	
<b>Notes:</b>	No track available, as handheld GPS did not receive signals through hard top of boat, and the built-in GPS memory was overwritten. The IAN boat stayed near the NUK and IP boats, so their track was probably similar. They did mark some points that were recovered for whales and chase events.

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Calmmest day of the season, sea swells of 4 feet but "calm" seas
<b>Wind Direction:</b>	shifting	<b>Wind speed and other notes:</b>	0-10 mph, BP 29.88 and steady (but a short peak)
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	
<b>Wave Height:</b>	small	<b>Other Notes:</b>	Wind for most/all whaling <5 mph
<b>Other pertinent notes:</b>	The best day for scouting for whales of the season, worse conditions predicted for the next day (both the official weather forecast and downward trend of local BP). This was the main reason the captains decided to try to land two whales (and did). Wind shifted around the compass. Whalers described seas as "calm" with 4 foot rollers.		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities? No If yes, describe below

GPS track? No GPS File Name: IAN\_090707a.gdb

If not, why not?

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/07/07 Crew: Aqarguin GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
IAN	aluminum	24'	Yamaha 225	7

**Two Scouting Trips for the day, this form just the first trip**

Whaling today?	Yes	If not, why not?
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Time departed: 12:40

Time returned: "25:43"

Second trip: Trip time of 13 hour 03 minutes; roundtrip distance NA, furthest point from Cross Island NA

Waypoints or Coordinates noted

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
none			

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	Partial GPS track only – probably near other boats
<b>Time spent actively scouting/# people looking:</b>	2:41; 1:28 chase/kill; 0:20 prepare to tow; 8:34 tow
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	
<b>Notes:</b>	No track available, as handheld GPS did not receive signals through hard top of the boat, and the built-in GPS memory was overwritten, except for the tow. The IAN boat stayed near the other boats, so their track was probably similar. They did not mark or locate any points for the second trip of the day. They did participate in killing the whale (one shoulder gun bomb).

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Calmmest day of the season, sea swells of 4 feet but "calm" seas
<b>Wind Direction:</b>	shifting	<b>Wind speed and other notes:</b>	0-10 mph, BP 29.88 and steady (but a short peak)
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	
<b>Wave Height:</b>	small	<b>Other Notes:</b>	Wind for most/all whaling <5 mph
<b>Other pertinent notes:</b>	The best day for scouting for whales of the season, worse conditions predicted for the next day (both the official weather forecast and downward trend of local BP). This was the main reason the captains decided to try to land two whales (and did). Wind shifted around the compass. Whalers described seas as "calm" with 4 foot rollers.		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities? No If yes, describe below

GPS track? No GPS File Name: IAN\_090707a.gdb

If not, why not?

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/07/07 Crew: Ipalook GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
IP1	Fiberglass	18'	Honda 150	3

**Two Scouting Trips for the day, this form just the first trip**

Whaling today?	Yes	If not, why not?
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Time departed: 5:41 Time returned: 10:38

First trip: Trip time of 4 hour 57 minutes; roundtrip of 24.1, furthest point from Cross Island 7.6

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
ip1_090707a	N70.57109 W147.76189	7:07	Coordinates for NUK2 strike

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	More N of Cross Island (with IP2) than other boats
<b>Time spent actively scouting/# people looking:</b>	1:25; 0:50 chase/kill; 0:37 prepare to tow; 2:05 tow
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	
<b>Notes:</b>	IP1 and IP2 left together as the 3 <sup>rd</sup> and 4 <sup>th</sup> boats out in the morning, and went more N of Cross Island than the other boats. They were in the area of the IAN and NUK boats, and participated in the NUK whale chase and kill. They had little to add to the NUK and other accounts.  See second boat report form for afternoon trip.

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Calmmest day of the season, sea swells of 4 feet but "calm" seas
<b>Wind Direction:</b>	shifting	<b>Wind speed and other notes:</b>	0-10 mph, BP 29.88 and steady (but a short peak)
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	
<b>Wave Height:</b>	small	<b>Other Notes:</b>	Wind for most/all whaling <5 mph
<b>Other pertinent notes:</b>	The best day for scouting for whales of the season, worse conditions predicted for the next day (both the official weather forecast and downward trend of local BP). This was the main reason the captains decided to try to land two whales (and did). Wind shifted around the compass. Whalers described seas as "calm" with 4 foot rollers.		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

<b>Engaged in any other subsistence activities?</b>	No	<b>If yes, describe below</b>
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<b>GPS track? Yes</b>	<b>GPS File Name:</b> IP1_090707a.gdb
<b>If not, why not?</b>	

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/07/07

Crew: Ipalook

GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
IP1	Fiberglass	18'	Honda 150	3

**Two Scouting Trips for the day, this form just the first trip**

Whaling today?	Yes	If not, why not?
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Time departed: 12:28

Time returned: "25:45"

Second trip: Trip time of 13 hour 17 minutes; roundtrip of 51.1, furthest point from Cross Island 16.4

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
IP1_090707b	N70.50651 W147.97562	12:50	UNK - reference point?
IP1_090707c	N70.50651 W147.97562	12:50	UNK - reference point?
<b>IP1_090707d</b>	<b>N70.54109 W147.39886</b>	<b>15:21</b>	<b>IP1 struck whale, float came off [GPS track location at time of report]</b>
IP1_090707e	N70.54217 W147.39000	15:21	IP1 coordinates reported for strike [not on any track, unclear why that is]
IP1_090707f	<b>N70.55128 W147.29278</b>	<b>16:49</b>	<b>IP whale landed (kill location)</b>
IP1_090707g	N70.51488 W147.46671	19:17:00	Tow event - speed dropped to less than 1 mph (9/08)
IP1_090707h	N70.49787 W147.97113	0:34	Tow event (near Cross Island)

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	NE, then SE of Cross Island to where whales had been seen
<b>Time spent actively scouting/# people looking:</b>	2:53; 1:28 chase/kill; 0:20 prepare to tow; 8:36 tow
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	
<b>Notes:</b>	IP1 initially went NE of Cross Island, but then turned SE towards where whales had been seen east of Cross Island on previous days. First whale seen was by NAP, N of Narwhal Island (14:38 or so, point NAP_090707g. There were not many other reported sightings until IP1 strike on the whale (point "d" and "e"). Chase and kill not reported in detail. Float came off and boats searched for whale, with NAP boat eventually using a darting gun for a second strike to put on a float. BO1 followed with a darting gun, IAN with another darting gun, IP1 with a shoulder gun, and BO1 with the final bomb, a shoulder gun. Once the tow is started, the NAP boat springs a leak along a seam of the fiberglass hull, where the whale or rope or something caused a strain. NAP leaves the tow to head to Cross Island, and NUK3 eventually comes out to help with the tow. Boats on the tow at the end - IP1, IAN, BO1, NUK3. IP2 was too small to tow in the conditions (swells too large). IP1 Whale statistics - 49'0" length, 6'4" slit, 3'3" slit to anus, 17'5" flukes, male

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Calmmest day of the season, sea swells of 4 feet but "calm" seas
<b>Wind Direction:</b>	shifting	<b>Wind speed and other notes:</b>	0-10 mph, BP 29.88 and steady (but a short peak)
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	
<b>Wave Height:</b>	small	<b>Other Notes:</b>	Wind for most/all whaling <5 mph
<b>Other pertinent notes:</b>	The best day for scouting for whales of the season, worse conditions predicted for the next day (both the official weather forecast and downward trend of local BP). This was the main reason the captains decided to try to land two whales (and did). Wind shifted around the compass. Whalers described seas as "calm" with 4 foot rollers.		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

<b>Engaged in any other subsistence activities?</b>	No	<b>If yes, describe below</b>
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GPS track? Yes **GPS File Name:** IP1\_090707b.gdb

If not, why not?

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/07/07

Crew: Ipalook

GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
IP2	aluminum	19'	Yamaha 100	2

**Two Scouting Trips for the day, this form just the first trip**

Whaling today?	Yes	If not, why not?
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Time departed: 5:42

Time returned: 7:57

First trip: Trip time of 2 hour 15 minutes; roundtrip of 22.7, furthest point from Cross Island 7.6

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	More N of Cross Island (with IP1) than other boats
<b>Time spent actively scouting/# people looking:</b>	1:24; 0:25 chase/kill; 0:26 transit back to Cross Island
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	
<b>Notes:</b>	IP1 and IP2 left together as the 3 <sup>rd</sup> and 4 <sup>th</sup> boats out in the morning, and went more N or Cross Island than the other boats. They were in the are or the IAN and NUK boats, and participated in the NUK whale chase and kill. They had little to add to the NUK and other accounts. IP2 came in early, before the kill, because they were taking on too much water – the swells would not enable them to help with the tow in a safe way. IP2 did not try to go out in the afternoon.

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Calmmest day of the season, sea swells of 4 feet but "calm" seas
<b>Wind Direction:</b>	shifting	<b>Wind speed and other notes:</b>	0-10 mph, BP 29.88 and steady (but a short peak)
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	
<b>Wave Height:</b>	small	<b>Other Notes:</b>	Wind for most/all whaling <5 mph
<b>Other pertinent notes:</b>	The best day for scouting for whales of the season, worse conditions predicted for the next day (both the official weather forecast and downward trend of local BP). This was the main reason the captains decided to try to land two whales (and did). Wind shifted around the compass. Whalers described seas as "calm" with 4 foot rollers.		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities?	No	If yes, describe below
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GPS track? Yes	GPS File Name: IP2_090707a.gdb
If not, why not?	



**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/07/07 Crew: Napageak GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
NAP	fiberglass	21'	Honda 225	5

**Two Scouting Trips for the day, this form just the first trip**

Whaling today?	Yes	If not, why not?
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Time departed: 5:50 Time returned: 10:57

First trip: Trip time of 5 hour 07 minutes; roundtrip of 29.7, furthest point from Cross Island 9.1

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NAP_090707a	N70.47791 W147.85136	6:05	UNK
<b>nap_090707b</b>	<b>N70.52623 W147.69467</b>	<b>6:40</b>	<b>spots 2 whales @ 7.0 miles from Cross Island</b>
NAP_090707c	N70.51283 W147.60072	6:58	NAP saw whales, harpoon broke due to rough seas
NAP_090707d	N70.57108 W147.76188	NA	Coordinates from another boat, marked 7:10 (strike)
nap_090707e	N70.57250 W147.78212	7:46	Chase event

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	S, then E to area where whales were seen on previous days
<b>Time spent actively scouting/# people looking:</b>	1:16 w/5; 0:50 chase and assist; 0:37 prepare to tow; 2:24 tow
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	
<b>Notes:</b>	NAP was one of the last boats out in the morning and went S and then E to look in the area where boats had previously seen whales. Point "a" is of unknown significance, but NAP turned ENE shortly thereafter, and then E. They located a point representing two whales seen in this area at point "b". They chased these whales ESE and at point "c" saw these whales again and may have had a chance at a strike, but broke a harpoon (due to swells? Or may have hit but not penetrated whale in such a way as to break the wooden part of the harpoon). They saw 3 blows to the east of this point (point "c"). They were shortly afterwards (7:00 to 7:10, point "d") called to assist NUK2 boat and others to the NW to assist in the chase and kill of a whale struck by NUK2. They located point "e" as a chase event for this chase, near the end but before the kill. They helped tow this whale in, and saw more blows and whales during the tow in the same area where their harpoon broke. They rested and consulted with the other crews at Cross Island, and then went out on a second scouting trip in the afternoon (a separate boat report form).

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Calmmest day of the season, sea swells of 4 feet but "calm" seas
<b>Wind Direction:</b>	shifting	<b>Wind speed and other notes:</b>	0-10 mph, BP 29.88 and steady (but a short peak)
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	<b>Other Notes:</b> Wind for most/all whaling <5 mph
<b>Wave Height:</b>	small	<b>Other notes on sea conditions:</b>	
<b>Other pertinent notes:</b>	The best day for scouting for whales of the season, worse conditions predicted for the next day (both the official weather forecast and downward trend of local BP). This was the main reason the captains decided to try to land two whales (and did). Wind shifted around the compass. Whalers described seas as "calm" with 4 foot rollers.		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

<b>Engaged in any other subsistence activities?</b>	No	<b>If yes, describe below</b>
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GPS track? Yes **GPS File Name:** NAP\_090707a.gdb  
If not, why not? \_\_\_\_\_

Date: 09/07/07 Crew: Napageak GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
NAP	fiberglass	21'	Honda 225	4

Two Scouting Trips for the day, this form just the second trip

Whaling today?	Yes	If not, why not?
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Time departed: 12:37 Time returned: 20:35  
 Second trip: Trip time of 7 hour 58 minutes; roundtrip of 43.9, furthest point from Cross Island 16.7

Waypoints or Coordinates noted

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
nap_090707f	N70.53714 W147.51702	14:32	NAP reported they smelt the whale in this area
<b>NAP_090707g</b>	<b>N70.53801 W147.50011</b>	<b>14:38</b>	<b>NAP reported that they first saw the whale in this area</b>
nap_090707h	N70.52282 W147.43519	15:04	Apparent chase event
NAP_090707i	N70.50765 W147.43508	NA	"nap-herburt" - UNK significance
NAP_090707j	N70.54176 W147.39009	15:23	Chase event - IP1 strike or soon after
nap_090707k	N70.54181 W147.38973	15:23	Chase event - IP1 strike or soon after
nap_090707l	N70.54451 W147.36991	15:31	Whale seen again to the south by whalers, other whales seen to the North and "over there" (more to the NW - points m and n)
<b>NAP_090707m</b>	<b>N70.55796 W147.39737</b>	<b>15:31</b>	<b>Whales seen to the North of the chase</b>
<b>NAP_090707n</b>	<b>N70.58094 W147.36225</b>	<b>15:31</b>	<b>Whales seen to the North of the chase</b>
nap_090707o	N70.54871 W147.31363	15:47	Float put on same whale struck by IP1 @ 15:21
nap_090707p	N70.54671 W147.29746	16:02	Chase event
nap_090707q	N70.54850 W147.29619	17:14	Tow event (unknown significance)
nap_090707r	N70.56099 W147.27901	16:50	Plane observed to fly over after kill
nap_090707s	N70.47534 W147.23413		"nap-whale2" - whale to the South?
nap_090707t	N70.53970 W147.33082	17:36	NAP developed leak, pulled out of tow

Describe the day's activity (traveling, hours searching for whales)

Direction of initial search (and explanation):	E to where they had been seeing whales that morning
Time spent actively scouting/# people looking:	2:44; 1:28 assist/chase/kill; 0:20 prepare to tow; 3:26 tow
Time spent in travel/tow/assistance to other boats/on "break":	
Notes:	NAP boat headed east to where whales had been seen on previous days. Boats were more-or-less together when NAP smelled a whale (point "f") and then were the first to spot it (point "g"). Point "f" is probably an indicator of NAP communication to IP1 that NAP had seen a whale. Point "h" was a chase event (probable whale resighting). NAP, IP1, and BO1 boats were all together chasing the whale at this point. Points "j" and "k" indicate chase events, probably soon after the IP1 first strike on the whale. The float had come off the whale, so the boats were looking for it. It was spotted to the S (point "l"), as were several other whales (points "m" and "n"). NAP put a float on the IP1 whale at point "o" and point "p" was some chase event (perhaps a bomb). NAP did not mark the kill sight as such. NAP saw a whale to the S of the kill (point "s") and a plane that flew overhead shortly after the kill (point "r"). During the tow NAP developed a leak and had to leave the tow and head for Cross Island at high speed (point "t").

Observations of Whaling Crew - weather, sea state, ice-conditions

Fog or clouds?	No	Weather notes:	Calmmest day of the season, sea swells of 4 feet but "calm" seas
Wind Direction:	shifting	Wind speed and other notes:	0-10 mph, BP 29.88 and steady (but a short peak)
% Ice Coverage:	0	Ice Type:	Other Notes: Wind for most/all whaling <5 mph
Wave Height:	small	Other notes on sea conditions:	
Other pertinent notes:	The best day for scouting for whales of the season, worse conditions predicted for the next day (both the official weather forecast and downward trend of local BP). This was the main reason the captains decided to try to land two whales (and did). Wind shifted around the compass. Whalers described seas as "calm" with 4 foot rollers.		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities?	No	If yes, describe below
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GPS track? Yes GPS File Name: NAP\_090707b.gdb

If not, why not?

Date: 09/07/07 Crew: Nukapigak GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
NUK2	Aluminum	20'	115 Yamaha	3

**Two Scouting Trips for the day, this form just the first trip**

Whaling today?	Yes	If not, why not?
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Time departed: 5:28

Time returned: 10:56

First trip: Trip time of 5 hour 28 minutes; roundtrip of 30.7, furthest point from Cross Island 7.7

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
<b>nuk2_090707a</b>	<b>N70.54796 W147.92500</b>	<b>6:15</b>	<b>NUK and IAN see a whale</b>
nuk2_090707b	N70.55178 W147.88229	6:48	Chase event, high speed
nuk2_090707c	N70.54946 W147.79135	6:57	Chase event - high speed
nuk2_090707d	N70.56100 W147.78572	6:58	Chase event - high speed
<b>nuk2_090707e</b>	<b>N70.57304 W147.76089</b>	<b>7:05</b>	<b>Chase event (likely strike between this and preceding point, approx. 7:00)</b>
nuk2_090707f	N70.57108 W147.76188	7:06	Coordinates reported to Com Center for strike, time recorded by Com Center as 7:00 - possibly reported after the fact, with time and/or coordinates slightly inaccurate
nuk2_090707g	N70.56986 W147.76269	7:07	Chase event
nuk2_090707h	N70.56976 W147.76560	7:10	Chase event
<b>nuk2_090707i</b>	<b>N70.57042 W147.78182</b>	<b>7:56</b>	<b>NUK point for NUK whale</b>

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	NE, then SE a bit, and reverse to NE
<b>Time spent actively scouting/# people looking:</b>	1:39; 0:50 chase/kill; 0:37 prepare to tow; 2:23 tow
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	
<b>Notes:</b>	NUK2 first boat out in the morning and headed NE. After a bit they headed SE toward where whales had been seen on previous days. NUK3 left Cross Island about 5:44 and headed NNE and seems to have talked with NUK2 since about 6:00 NUK1 reversed direction to join up with NUK3 (and IP1 and probably IAN). About 6:15 NUK2, IP1 and IAN see a whale (actually two sightings, one of a single whale and one of 2 whales together). Several boats chase the whale. Points "b"- "d" are chase events prior to the first strike. The first strike (by NUK2) may be point "e" or "f", or in between these points and point "d". Points "g" and "h" are other chase events, and point "i" is the kill sight. NUK2 reported that 7 bombs were used - darting gun by NUK2, 2 shoulder guns by IAN, penthrite shoulder gun by IAN, should gun by IP1, and two shoulder guns by NUK2. The first bomb did a great deal of damage (whale did not move much after that), but some of the others did not explode. The 7 <sup>th</sup> bomb (NUK2 shoulder gun) finally stopped the whale and a lance was used to make sure the whale was dead. They saw many whales/blows while towing the whale in, but gave no further details. NUK2 did not go out in the afternoon, but stayed in to butcher. NUK2 whale statistics - 37'3" length, 3'4" slit, 4'1" slit with <, 2'10" slit to anus, 13'8" flukes, male

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Calmmest day of the season, sea swells of 4 feet but "calm" seas
<b>Wind Direction:</b>	shifting	<b>Wind speed and other notes:</b>	0-10 mph, BP 29.88 and steady (but a short peak)
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	<b>Other Notes:</b> Wind for most/all whaling <5 mph
<b>Wave Height:</b>	small	<b>Other notes on sea conditions:</b>	
<b>Other pertinent notes:</b>	The best day for scouting for whales of the season, worse conditions predicted for the next day (both the official weather forecast and downward trend of local BP). This was the main reason the captains decided to try to land two whales (and did). Wind shifted around the compass. Whalers described seas as "calm" with 4 foot rollers.		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities? No If yes, describe below

GPS track? Yes GPS File Name: NUK2\_090707.gdb

If not, why not?

**cANIMIDA Task 4 Data Collection Form, 2007**

Use one form for each vessel/day

Date: 09/07/07 Crew: Nukapigak GPS Type: GPS60MAP

Vessel	Type	Length	HP Motor	# crew aboard/notes
NUK3	Aluminum	20'	115 Yamaha	4/2

**Two Scouting Trips for the day, this form just the first trip**

Whaling today?	Yes	If not, why not?
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Time departed: 5:44/18:18

Time returned: 10:54/"25:45"

First trip: Trip time of 5 hour 10 minutes; roundtrip of 27.1, furthest point from Cross Island 7.7  
Second trip: Trip time of 7 hour 27 minutes; roundtrip distance NA, furthest point from Cross Island NA

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
nuk3_090707a	N70.57149 W147.97381	6:42	Saw a 2nd whale and turned toward it

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	NE, then SE a bit, and reverse to NE
<b>Time spent actively scouting/# people looking:</b>	1:39; 0:50 chase/kill; 0:37 prepare to tow; 2:23 tow
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	
<b>Notes:</b>	<p>NUK3 was the fifth boat out in the morning, but not long after NUK2, and headed NNE. Eventually, most boats (IAN, IP1, NUK2, NUK3) were together and about 6:15 NUK2, IP1 and IAN see a whale (actually two sightings, one of a single whale and one of 2 whales together). Several boats chase the whale. Turned NW. The second whale (actually two whales) was NUK2 point "a". They followed one of these whales (the smaller of the two) west. NUK3 participated in the chase, kill, and tow (see NUK2 boat report form). NUK3 initially did not go out in the afternoon, staying in to butcher, but once the second whale was killed and the tow started, went out to assist with the tow.</p> <p>In the evening, NUK3 went to assist with the tow of the second whale. The GPS they used did not have tracking set "on" so details of their track are not available.</p>

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	No	<b>Weather notes:</b>	Calmmest day of the season, sea swells of 4 feet but "calm" seas
<b>Wind Direction:</b>	shifting	<b>Wind speed and other notes:</b>	0-10 mph, BP 29.88 and steady (but a short peak)
<b>% Ice Coverage:</b>	0	<b>Ice Type:</b>	
<b>Wave Height:</b>	small	<b>Other Notes:</b>	Wind for most/all whaling <5 mph
<b>Other pertinent notes:</b>	The best day for scouting for whales of the season, worse conditions predicted for the next day (both the official weather forecast and downward trend of local BP). This was the main reason the captains decided to try to land two whales (and did). Wind shifted around the compass. Whalers described seas as "calm" with 4 foot rollers.		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

Engaged in any other subsistence activities? No If yes, describe below

GPS track? Yes GPS File Name: NUK3\_090707a.gdb (NUK3\_090707b for tow of 2<sup>nd</sup> whale NA)

If not, why not? For "b" track, boat used a GPS that had the tracking feature turned "off"

**cANIMIDA Task 4 Data Collection Form, 2007**

**Use one form for all non-scouting vessels/day**

**Date:** 09/07/07      **Crew:** Various      **GPS Type:** NA

Vessel	Type	Length	HP Motor	# crew aboard/notes
BO2	aluminum	18'/19'	125 Mercury	Onshore due to conditions
NUK1	Aluminum	18'	115 Yamaha	Onshore at West Dock, disabled

**Whaling today?**      No      **If not, why not?** BO2 not suitable for conditions, NUK1 at West Dock

**Time departed:** NA      **Time returned:** NA

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NA			

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	<u>NA</u>
<b>Time spent actively scouting/# people looking:</b>	<u>NA</u>
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	<u>NA</u>
<b>Notes:</b>	

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>	<u>No</u>	<b>Weather notes:</b>	<u>Calmmest day of the season, sea swells of 4 feet but "calm" seas</u>
<b>Wind Direction:</b>	<u>shifting</u>	<b>Wind speed and other notes:</b>	<u>0-10 mph, BP 29.88 and steady (but a short peak)</u>
<b>% Ice Coverage:</b>	<u>0</u>	<b>Ice Type:</b>	<u> </u>
<b>Wave Height:</b>	<u>small</u>	<b>Other Notes:</b>	<u>Wind for most/all whaling &lt;5 mph</u>
<b>Other pertinent notes:</b>	<u>The best day for scouting for whales of the season, worse conditions predicted for the next day (both the official weather forecast and downward trend of local BP). This was the main reason the captains decided to try to land two whales (and did). Wind shifted around the compass. Whalers described seas as "calm" with 4 foot rollers.</u>		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

**Engaged in any other subsistence activities?**      No      **If yes, describe below**

**GPS track?** NA      **GPS File Name:**

**If not, why not?**

**cANIMIDA Task 4 Data Collection Form, 2007**

**Use one form for all non-scouting vessels/day**

**Date:** 09/08/07      **Crew:** Various      **GPS Type:** NA

Vessel	Type	Length	HP Motor	# crew aboard/notes
BO1	Fiberglass	17'/18'	80 HP Yamaha	Quota completed – butchering & packing
BO2	aluminum	18'/19'	125 Mercury	Quota completed – butchering & packing
IAN	aluminum	24'	Yamaha 225	Quota completed – butchering & packing
IP1	Fiberglass	18'	Honda 150	Quota completed – butchering & packing
IP2	aluminum	19'	Yamaha 100	Quota completed – butchering & packing
NAP	fiberglass	21'	Honda 225	Quota completed – butchering & packing
NUK1	Aluminum	18'	115 Yamaha	Onshore at West Dock, disabled
NUK2	Aluminum	20'	115 Yamaha	Quota completed – butchering & packing
NUK3	Aluminum	20'	115 Yamaha	Quota completed – butchering & packing

**Whaling today?**      No      **If not, why not?** Butchering NUK2 and IP1 whale, packing

**Time departed:** NA      **Time returned:** NA

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NA			

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	<u>NA</u>
<b>Time spent actively scouting/# people looking:</b>	<u>NA</u>
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	<u>NA</u>
<b>Notes:</b>	

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>		<b>Weather notes:</b>	<u>BP 29.65 and falling,</u>
<b>Wind Direction:</b>	<u>NE-ESE</u>	<b>Wind speed and other notes:</b>	<u>5-34 mph (mostly high)</u>
<b>% Ice Coverage:</b>	<u>0</u>	<b>Ice Type:</b>	
<b>Wave Height:</b>		<b>Other Notes:</b>	
<b>Other pertinent notes:</b>	<u>Windy most of the day, rainy as well – not even good butchering conditions</u>		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

**Engaged in any other subsistence activities?**      No      **If yes, describe below**

**GPS track?** NA      **GPS File Name:**

**If not, why not?**

**cANIMIDA Task 4 Data Collection Form, 2007**

**Use one form for all non-scouting vessels/day**

**Date:** 09/09/07      **Crew:** Various      **GPS Type:** NA

Vessel	Type	Length	HP Motor	# crew aboard/notes
BO1	Fiberglass	17'/18'	80 HP Yamaha	Quota completed – butchering & packing
BO2	aluminum	18'/19'	125 Mercury	Quota completed – butchering & packing
IAN	aluminum	24'	Yamaha 225	Quota completed – butchering & packing
IP1	Fiberglass	18'	Honda 150	Quota completed – butchering & packing
IP2	aluminum	19'	Yamaha 100	Quota completed – butchering & packing
NAP	fiberglass	21'	Honda 225	Quota completed – butchering & packing
NUK1	Aluminum	18'	115 Yamaha	Onshore at West Dock, disabled
NUK2	Aluminum	20'	115 Yamaha	Quota completed – butchering & packing
NUK3	Aluminum	20'	115 Yamaha	Quota completed – butchering & packing

**Whaling today?**      No      **If not, why not?** Butchering NUK2 and IP1 whale, packing

**Time departed:** NA      **Time returned:** NA

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NA			

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	<u>NA</u>
<b>Time spent actively scouting/# people looking:</b>	<u>NA</u>
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	<u>NA</u>
<b>Notes:</b>	

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>		<b>Weather notes:</b>	<u>BP 29.6 and rising</u>
<b>Wind Direction:</b>	<u>E to SE</u>	<b>Wind speed and other notes:</b>	<u>0-15 mph</u>
<b>% Ice Coverage:</b>	<u>0</u>	<b>Ice Type:</b>	
<b>Wave Height:</b>		<b>Other notes on sea conditions:</b>	
<b>Other pertinent notes:</b>	<u>Much better conditions – wind for part of the day</u>		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

**Engaged in any other subsistence activities?**      No      **If yes, describe below**

**GPS track?** NA      **GPS File Name:**  
**If not, why not?**

**cANIMIDA Task 4 Data Collection Form, 2007**

**Use one form for all non-scouting vessels/day**

**Date:** 09/10/07      **Crew:** Various      **GPS Type:** NA

Vessel	Type	Length	HP Motor	# crew aboard/notes
BO1	Fiberglass	17'/18'	80 HP Yamaha	Quota completed – butchering & packing
BO2	aluminum	18'/19'	125 Mercury	Quota completed – butchering & packing
IAN	aluminum	24'	Yamaha 225	Quota completed – butchering & packing
IP1	Fiberglass	18'	Honda 150	Quota completed – butchering & packing
IP2	aluminum	19'	Yamaha 100	Quota completed – butchering & packing
NAP	fiberglass	21'	Honda 225	Quota completed – butchering & packing
NUK1	Aluminum	18'	115 Yamaha	Onshore at West Dock, disabled
NUK2	Aluminum	20'	115 Yamaha	Quota completed – butchering & packing
NUK3	Aluminum	20'	115 Yamaha	Quota completed – butchering & packing

**Whaling today?**      No      **If not, why not?** Butchering NUK2 and IP1 whale, packing

**Time departed:** NA      **Time returned:** NA

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NA			

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	<u>NA</u>
<b>Time spent actively scouting/# people looking:</b>	<u>NA</u>
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	<u>NA</u>
<b>Notes:</b>	

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>		<b>Weather notes:</b>	<u>BP 29.85 and rising</u>
<b>Wind Direction:</b>	<u>SW to W</u>	<b>Wind speed and other notes:</b>	<u>5-15 mph (peaks and then declining)</u>
<b>% Ice Coverage:</b>	<u>0</u>	<b>Ice Type:</b>	
<b>Wave Height:</b>		<b>Other Notes:</b>	
<b>Other pertinent notes:</b>			

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

**Engaged in any other subsistence activities?**      No      **If yes, describe below**

**GPS track?** NA      **GPS File Name:**

**If not, why not?**



**cANIMIDA Task 4 Data Collection Form, 2007**

**Use one form for all non-scouting vessels/day**

**Date:** 09/11/07      **Crew:** Various      **GPS Type:** NA

Vessel	Type	Length	HP Motor	# crew aboard/notes
BO1	Fiberglass	17'/18'	80 HP Yamaha	To Nuiqsut with 3
BO2	aluminum	18'/19'	125 Mercury	To Nuiqsut with 4
IAN	aluminum	24'	Yamaha 225	To Nuiqsut with 7
IP1	Fiberglass	18'	Honda 150	To WD with 5/To NQT with ?
IP2	aluminum	19'	Yamaha 100	To WD on barge/To NQT with ?
NAP	fiberglass	21'	Honda 225	To Nuiqsut with 6
NUK1	Aluminum	18'	115 Yamaha	At WD/To NQT with ?
NUK2	Aluminum	20'	115 Yamaha	To WD with 4/ To NQT with ?
NUK3	Aluminum	20'	115 Yamaha	To WD with 3/ To NQT with ?

**Whaling today?**      No      **If not, why not?** All crews and boats leave for Nuiqsut

**Time departed:** NA      **Time returned:** NA

**Waypoints or Coordinates noted**

Way Point #	Lat/Long	Time	Notes (if whale - # of animals, direction of travel, behavior)
NA			

**Describe the day's activity (traveling, hours searching for whales)**

<b>Direction of initial search (and explanation):</b>	<u>NA</u>
<b>Time spent actively scouting/# people looking:</b>	<u>NA</u>
<b>Time spent in travel/tow/assistance to other boats/on "break":</b>	<u>NA</u>
<b>Notes:</b>	<u>IP2 repaired at Cross Island, but not trusted for deep-water travel. It made the trip from West Dock to Nuiqsut in good shape.</u>

**Observations of Whaling Crew - weather, sea state, ice-conditions**

<b>Fog or clouds?</b>		<b>Weather notes:</b>	<u>BP 29.97 and steady</u>
<b>Wind Direction:</b>	<u>S to W</u>	<b>Wind speed and other notes:</b>	<u>0-5 mph</u>
<b>% Ice Coverage:</b>	<u>0</u>	<b>Ice Type:</b>	
<b>Wave Height:</b>		<b>Other Notes:</b>	
<b>Other pertinent notes:</b>	<u>Best weather/scouting conditions of the season, glassy seas</u>		

Note: Cross Island weather observations are compiled in a separate file (weather station + observer)

**Engaged in any other subsistence activities?**      No      **If yes, describe below**

**GPS track?** NA      **GPS File Name:**

**If not, why not?**