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UNITED STATES GOVERNMENT

memorandum

U. S. FISH AND WILDLIFE SERVICE

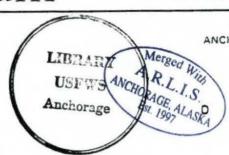
TO:

Bob Jones, OBS/CE

FROM:

Bob Leedy/WOPS

SUBJECT: Walrus Parts Collection.



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Attached are my notes for the time I spent in Nome on the walrus survey, May 8-22, 1980. I will attempt to summarize my observations in this cover memo, but generally will avoid comments duplicating those in Scott Schliebe's similar memo of June 19. I concur with most of Scott's observations and recommendations.

The time available for hunting walrus in the Nome area was very short this year. Shore ice was late in going out and northerly winds carried the ice and walrus beyond the reach of most hunters within a week after breakup on May 10. In addition, strong winds and choppy seas kept most boats in except for 2 to 3 days during the workweek when many hunters with jobs could go out only during eveings. I am aware of a minimum of 45 walrus being harvested; best estimate of total take during my stay (based on rumor and intuition) would be 2 to 3 times that amount, or about 100 to 150 animals. Confidence in this estimate is low, but it's the best I can manufacture.

We did not get good support from Kawerak. In fact, having to deal through Kawerak proved to be more of a hindrance than a help. The first meeting with some of the Nome area hunters did not occur until a week and a half after the arrival of Fish and Wildlife Service into Nome and 4 days after the ice went out and the short hunting season had already begun. This delay and other impediments occurred despite constant, low pressure urging to spread the word about the parts collection. A purchasing agent from King Island could have facilitated dealings with hunters from that community, but Kawerak never hired anyone in that capacity. I was told continually to leave everything to Kawerak—that they would make the project work in spite of Fish and Wildlife Service bumbling. They didn't. Although Kawerak seemed very unhappy with the contract negotiations—they wanted more responsibility, more money—they did not, in my opinion, live up to the contracted responsibilities they had. I recommend minimizing our dealing with them in the future.

Dealings with King Islanders during my stay were cordial but more sporadic than would have been desirable. This was due, in part, to the delay in arranging an early meeting; size and diversity of the Nome community was also an important factor. The meeting with King Island hunters went very well despite constant probing as to differences between State and Federal management. The hunters obviously were bitter about what they considered to be harrassment from State biologists in previous years and were pleased to hear that we were there just to do our job--collect biological specimens. Some animosity toward Kawerak also was obvious and did not help our cause. Subsequent contacts with the King Islanders were made primarily during twice-daily walks along the beach where a few individuals readied their boats, through chance meetings in town, during collection of parts from several individuals and playing Bingo at the King Island Community Hall. Good communications in Nome will be difficult to establish until friendly relationships can be developed with a few key, respected hunters. This opportunity may exist best at the Cape Wooley camp later in the season.

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In the future, initial contacts with walrus hunters should be made no later than March. We should talk directly to the hunters rather than deal through Kawerak or any other intermediary. Ideally, specific Fish and Wildlife Service representatives should maintain or develop contacts throughout the year. This would not only facilitate all aspects of future Fish and Wildlife Service management responsibilities in particular villages, it would also lead to establishment of a core group of employees more able to work effectively in a variety of bush communities. There is no substitute for the sensitivities and communication skills developed under such circumstnaces.

Rural Alaskan residents are many years (an eternity?) away from trusting our agency or any other bureaucracy. They may, however learn to trust individual employees if the Area Office and/or Washington office do not undercut the credibility of their representatives by failing to communicate changes in policy or by taking new directions without consulting with the village people most affected. No alternative means of communication can match the direct, person-to-person contact that the walrus project demanded. Biological information aside, the opportunity to start such a communications effort may have been the single most important benefit of this year's activities.

ROBERT LEEDY

Attachment

Left Anchorage on Wien #61 at 7:40 a.m. arrived Nome at 9:35 a.m. Scott picked me up in borrowed AFG&G truck. Shore ice still solid (but not safe to walk) to open water about 1/2+ mile away. No boats out yet -- some activity preparing boats. Weather sunny, record high of 56°F, moderate wind from NE -- need woutherly wind to break up the ice.

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Drove around with Scott for familiarization with area, status report, etc. Some people taking boats to open water at Cape Nome, hunting for oogruk and seal - maybe some luck (see a few skins drying around town). Crane doesn't want us to use his vehicle in Nome, so will have to make other arrangements. Should have vehicle in town (2 miles to beach, need to haul, etc.) and must have one to keep in contact with King Islanders when they set up camp at Woolley Lagoon 40+miles towards Teller. Jones will arrange after returning to Anchorage, and will also get CGS to hook up phone — another necessity in a town of 3,000 people with hunters coming in at any time and needing a place to call.

Caleb Pungowiyi assurred us that Kawarak will take care of all other arrangements in Nome -- set up meetings, notify hunters, do all the buying, etc. When I pressed for action before or during the weekend, he made a call or 2 to John Pullak of King Island, but never actually contacted him (John is new Nome City Council Member and replaced Tom Elanna as EWC repr. from King Island). Caleb didn't seem to want to make general radio announcements (exicte nearby village where not buying, etc.) or do anything else until he contacted King Islanders.

Some pintails (fewer mallards) present in ponds around town. In the evening ca. 1,500= sandhill cranes converged and circled around several miles NW of town.

Once again, I'm nervous that no contacts have been made, no progress on survey in Nome.

5/9/80 - Friday

Sunny again, with 10-15K wind still from the NE. Caleb Pungowiyi and Guy Marin are both off of work on Friday -- exhibited no qualms about taking 3 days off with no word getting out to people about the walrus survey. Had talks with Bob Nelson and Carl Gravoged of ADF&G about walrus biology, hunting, surveys and management. Also talked with Pam Strickland (ADF&G person at Savoonga last year -- new husband Dan Strickland wrote controversial article about walrus hunting -- some advice, cautions, etc. -- Met Howard Brahm of NMFS bowhead whale study. He and Dontjungblad of BLM are following the bowhealds. Ice is hard-packed north of Bering Strait and a great number of marine mammals are concentrated around the Diomedes ("Like a zoo... every kind of marine mammal in the Bering Sea). Many walrus in the area -- Diomede should have good hunting (potential slaughter, weather and ice permitting).

5/10/80 - Saturday

Rain, fog and shift in wind from NE to SE. Shore ice (not grounded much) moved out by evening, then blew back in a little, leaving a band of open water near shore. -- No boats going out yet.

Met Guy Martin at his house. He immediately started complaining about how FWS screwed up and put people into Gambell and Savoonga before Kawerak made arrangements, introductions, etc. Guy said basically that he didn't want us to do anything or see anything — just sit back in our quarters and let hunters and Kawerak buyers bring specimens to us. Stressed that we shouldn't be nosey and snoop around — just let Kawerak "make it work" in spite of our blunders. — Pissed me off what w/Kawerak doing nothing in Nome. I expressed my concern for lack of action Nome. Guy said he'd see me in the office on Monday and we'd take care of it then.

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5/11/80 - Sunday

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Worked most of Friday, Saturday and Sunday editing MB Subsistence workshop transcripts.

Windy, rainy, patchy fog and choppy water beyond the band of drifting ice just off shore. East wind of 15-20K was pushing drifting ice constantly along shore from east to west. Snak River jammed occassionally by large blocks of ice... much ice moving out. No boats seem to be going out -- but about 11+ boats obviously are getting ready to go. Worked on editing LWCF plan, reading literature on walrus, etc.

5/12/80 - Monday

Also spend most of Friday, Saturday and part of Sunday editing the subsistence workshop transcripts.

Visited Kawerak twice in low-key but persistant attempts to spur some

action, publicity, etc. on Nome walrus survey. Martin was at the office packing at 7:30 a.m. when I went in and left to catch a flight to Gambell by 8:00. He never told me he was leaving, had at least implied false promises on Saturday and seemed to be trying to sneak out without telling me, then stressed again how he was going to "make this thing work" despite us. Caleb said in the morning to come back later, which I did, only to be told to come back tomorrow, that Carl Ahwinona would be back then and would handle things. Caleb talks a good game, but has done virtually nothing for us in Nome so far...a busy man, he seems to want to delegate, but hasn't had anyone to delegate to. Also seems hesitant in dealing with King Islanders, has commented they aren't cooperative. I stressed the need for meetings and radio announcemnts several times.

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Weather still bad, thank goodness, with some rain, E. winds 15-20K, and drift ice moving right along. No boats going out.

Got message at Kawerak that Kae needed tags and tongue depressors, so got a package together and mailed.

More talk with ADF&G, mostly on this project and Gravogel's version of subsistence and enforcement.

Still no Kawerak buyer, of course.

5/13/80 - Tuesday

Went in early to talk with Caleb and he immediately introduced me to Carl Ahwinona, who will apparently be handing the walrus business in Nome. By afternoon, Carl had gotten a message to KNOM Hotline calling a

meeting for walrus hunters on Wednesday, 5/14, at 7:30 p.m. in the King Island Community Hall. Kawerak would ask for a buyer at that meeting (after I explained the project) to be determined by the King Islanders. Carl wants a King Island buyer (especially at Woolley) and a Nome buyer at Kawerak...good idea. -- Carl drove me (at my urging to King Island community hall to visit whoever might be there and find out for sure where it was, no one home.

I had good chat with Carl in the afternoon about how to deal with hunters and get the survey working. He was not optimistic about getting the cooperation of the King Islanders. Carl is in charge of Kawerak's marine mammal subsistence survey—enumeration of harvest in region. I stressed to Carl my view that we needed more media exposure, needed to meet with more people, and that I wanted a radio interview even if Kawerak didn't participate. Carl said maybe we could work something out.

Weather still easterly, windy and choppy in a.m., but clearing with diminishing winds by evening. Some activity bound to start soon. I'm nervous because no one knows what's happening.

The King Is. meeting announcement was made on KNOM at least a couple times in p.m. -- (General note: getting info., plans or any kind of committment from Kawerak is very difficult -- Is especially exasperating because they're supposed to run the show, make the contacts, etc., but are so unnecessarily slow and non-chalant it's driving me crazy. I honestly feel I could do a better job myself and, in Nome at least, wish we didn't have the contract. I think we're being cheated, but it's

necessary politically, I guess. Kawerak folks seem nervous about King Island -- maybe anomosities?

Got another package of supplies off to Kae. They're getting walrus at Gambell and Diomede now.

Talked in a.m. with Dan Thomas and Tunny Walluk of ADF&G S.S. -- Discussed the existing St/Fed situation with marine mammals and the MB subsistence E.A. and future directions. Good introductory talk, and I stressed the need for species-specific information. Might be able to get help -- but must get into local S.S. plans soon. Dan said the E.A. suggested that "urban" areas like Nome, Bethel, etc. might be excluded from MB subsistence hunting — Dan says not right, won't work. For example, King Is. is still a close-knot, fairly traditional community very distinct from Nome even though you can't actually see physical evidence easily. No one at ADF&G has any respect for G. Martin.

5/14/80

Mostly cloudy, some fog, but calm. At least 2 boats went out during the day (looked as if going up coast toward Sledge Is.) and 4 or more out in the evening after work... the latter pretty, much due south. Pilot reports (Pireps) during the day, Land Sat imagery and other knowledge indicated the ice pack and walrus were ca. 25 miles south of Nome. People (hunters) are starting to get excited, especially with reports of walrus being taken at Diomede and Gambell.

Kawerak received a call from Annie Mogg (buyer at Diomede) that Tim Smith wanted more plastic bags...had run out. Unfortunately the ice is now covered with water and Foster is not flying there any more, so there is no transportation available. Steve Augdahl of Kawerak was almost gleeful, saying that they knew that kind of thing was going to happen, that Kawerak wanted to heverything and that the contract should have given them more..we were getting what we deserved, etc. I'll see what I can work out. A charter for an air drop would be \$350. There were three FWS announcements on KNOM radio today about the (1) extension of the comment period for the MB Subsistence E.A. to May 31st, (2) a "reminder" on FWS emergency regulations regarding marine mammals (no sale of raw ivory to white, etc.) and (3) announcement of a meeting for walrus hunters with Kawerak and me at 7:30 p.m. at King Island Community Hall to discuss the purchase of specimens. I mentioned to Carl I was nervous that even if King Islanders came to the meeting, we still needed to get to the rest of Nome.

The meeting started at 8:00 p.m. It was run by Mike Saclamanna and John Pulluk with about 12-15 others present. Much talk in eskimo at the beginning, then continuing with further explanation from me. Major points raised by participants included: (1) total money available for sommachs and the need to have village quotas to insure even distribution of funds; (2) most stomachs are empty and we (FWS) should pay for those, too—otherwise a lot of work for nothing; (3) various minor problems with contract. They stressed the need early meetings and talk, starting in March. The King Islanders feel that Kawerak left them out and were not happy that Caleb Pungowiyi was absent (especially when they heard from Carl that he was hunting). After many questions, much discussion

and several negative comments, Mike and other men generally seemed to agree to help -- or to get paid for parts. I gave out 8 "kits" of bags, markers, tongue depressors, etc. to 8 captains. Most hunters were not expecting to get out before the weekend.

Carl asked about a nomination for a volunteer as a buyer at \$50/day.

Said we needed to know soon (preferably tomorrow). Mike said they would decide on someone soon. Walking back along the beach between midnight and 1:00 a.m. after the meeting, 3 of 4 boats known out returned -- 1 boat empty, 2 others with walrus. I didn't introduce myself in the dark of the night.

5/15/80 - Thursday

Windy (ca. 15K from E), but seem to be a couple of boats out. Caleb Pungowiyi brought in first specimens, from 4 taken previous evening: 1 set of teeth, ovaries and very full stomach. He reported at least 1 other boat with a walrus and one without. Still a little windy and icy out. Caleb also took 3 young oogruk and a seal...looked fat.

I bought a boxed a good variety of plastic bags from Tim Smith. Dor Jungblad agreed to make the drop with the turbine goose at Diomede; later in evening, he confirmed drop with me.

Got very short notice and kind of a backdoor offer to join Carl Ahwinona in an interview on the walrus parts collection for KICY radio. Interview not well planned out and heavy on village chit-chat, but lasted for 15 minutes and probably helped spread the word a little. Also need to go on KNOM for different (bigger, younger) audience. I'm still afraid we're "missing" much of Nome, though King Island people well aware of

north?). Pack ice still 25-30 miles SW. A lead is opening and there is a <u>large</u> area of open water north of Bering Straits now. Whales have moved through.

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Chuck Adsit came into town on the 250 pm Wien flight from Anchorage.

After some debate, he and Carl went straight up to Wales on a Foster charter. Walrus already being taken there, and Carl unable to accompany him again until next Tuesday. So, they went.

5/16/80 - Friday

Aloysius Pikonganna called about selling walrus stomachs. He killed 3 ° and 3 ° s yesterday. All stomachs were empty and he had no teeth to accompany the ovaries -- so, I didn't buy anything. An uncomfortable situation, but handled 0.K. -- no thanks to Kawerak. No one working there today, no buyer selected, told by secretary that Guy Martin (at home?) said Carl Ahwinona was home sick (got back from Wales before noon). I later saw Carl riding his motorbike. Assume Chuck Adsit moved into Wales 0.K.

Ead a good talk with Tunny Walluk and Dan Thomas. They were particularly interested in what to tell people about Californians shooting all the birds when they're produced up here and people can't legally hunt them. Also were very interested in the habitat destruction in California. Were surprised at the compexity and importance of the whale issue of essential winter habitat, but indicated that such information likely to make Alaskans want to shoot the birds even more —get them while they can and screw the Californians that are causing all the problems. Why should Alaskans sacrifice when they're the ones that have been getting

screwed all along. -- Dan and Tunny concerned about the situation think they'll help.

Talked with Kae -- All going well in Gambell. Told her not to ship specimens out weekly; as told to by Kawerak rather, just give accounting of specimens taken in and paid for.

We still have no vehicle or phone service -- need especially during weekends.

Windy today (15-20K) from E. and SE seems to be less ice every day - hunters say pack ice and walrus moving farther away.

Myrtle Johnson reported that Charlie Johnson of Kawerak got 3 walrus last night. At 8:30p.m., Carl drove by on his cycle saying Charlie had specimens for us. We went to a boat landing on the river and found 2 boats just back in - no walrus, too rough. Went to the beach - 1 boat just back - no walrus, too rough. Finally went to Charlie's. Charlie claimed he got 2 walrus, a female from which we collected a stomach, reproductive tract, and teeth, and a bull with no specimens at all (Charlie said they ate the stomach contents). In fact, Charlie's boat took 4 walrus, including a calf (also some 3-4 eiders)-- I, saw all 4, and count was later confirmed by a crew member. Charlie lied a lot. He changes stories several times, fabricated new ones.

5/17/80 Saturday

Heavy rain in a.m., windy in p.m., with 20-25K N.E. winds causing nearshore white caps all afternoon. No hunters went out. Should mention that the

boats (almost all are 16-18 foot aluminum skiffs) only seem to go out in calm, bluebird weather. Also, as the pretty continuous N to NE winds keep blowing, they are driving the pack ice farther away and I'm starting to see "ocean swells" for the lst time - it's probably getting tricker for small boats all the time. Very little drift ice left near shore (or anywhere in sight).

Carl informed me that Robert Wangittilin had teeth for me. I went and pciked up 3 sets of male teeth gotten Friday about 30+ SW of town. Good talk, friendly relations with a younger Wangittilin - made me feel good, like I'm having favorful impact (Wongittilin known as uncooperative, was "jumped" last year by ADF&G for walrus hunting deed - that, and him being only 3 houses down from Aloysius, bodes well).

Talked to Guy Martin some at his house, expressing my disappointment in having no better arrangements for buying during weekend and lack of knowledge by most Nome hunters of the survey program. Guy bitched alot about FWS (specifically mentioned Kae) having nose up everyone's asses — really hypociritical when you consider that Kawerak ("leave the buying to us") leaves us no choice other than to go directly to the hunters.

I'm not aware of any boats going out today -- a forced change in many hunters weekend plans.

The shift from SE to NE winds is carrying the ice and walrus farther from town all the time.

by noon that I saw 6 boats go up the coast toward Sledge Island (This was, in fact, about all that went out, 4 from King Island). Two of the boats may have just been "cruising" locally. The 4 others went up toward Woolley Lagoon rather than S or SW the way boats previously have been going. Turned windy again in late afternoon.

The shift from SE to NE winds is carrying the ice and walrus farther from town all the time.

Drift ice along the shore is gone - some breakers actually rolling in.

Today was a record 62°F.

Could see gray wholes spouting from 100+ yd. to 1/2 mile offshore for several hours - there were 10-15, at least.

Bob Nelson said he heard that someone shipped a live calf walrus out of town yesterday -an "unborn" calf taken from dead cow, probably by Robert (Strum) Dickson. Also heard that more calves may be wanted.

Nelson also said Tom Elanna came back in a day or so ago with 10 bull walrus (ivories, anyhow). No stomach specimens (Tom's dad emptied a couple out...) and probably no teeth.

Saw 2 boats come back in - no walrus.

5/19/80 - Monday

Still windy in morning (all night, in fact), with 15-25K from the north northwest.

Three King Is. boats are still out -- either hunting or camping while waiting for winds to calm down. It's rough even near shore, but is 4-5 foot chop out where they would have to be hunting.

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Concerning media announcements of walrus specimen collection -- King Islanders now know well, and it's too late to get to the more "local" hunters. By the time word finally got out, it was too late.

Met with Matt Iya of the Nome Eskimo Community and talked about the MB Subsistence EA, FWS plans, types of comments needed. Matt wants short summary materials of MB Subsistence business to use in a newsletter. - Must send. news releases, wildlife update, etc. (Matt hunted/ with Charlie Idinson).

Met Darryl Trigg, a local wheeler-dealer and lobbiest (now Vice Chairman of Norton Sound Health Corp.) who is pushing hard for money to build a processing plant to handle walrus (and fish and crabs). - Pros and cons to idea, but Trigg very serious, especially in combination with the community freezer slated to be built this summer.

As far as I know, no boats came in today -- though might tonight, as winds seem much calmer as of 900pm.

Aloysius called again to sell specimens. He got back into Nome (up Snake Rd) at 600a.m. after fighting wind and rough waters for 8+ hours on the return trip. Hunted ca. 25-30 miles west (maybe S.W.) of Sledge Island. Said he got 15 walrus, one the 4 he saved ovaries, stomach and teeth from - all other stomachs empty. (Rumor, Carl Ahwinona, had it that Aloysius may have killed as many as 40 walrus...). Seems no question that they were selecting for bulls - said many (mostly) cows and calves on the ice, but the hunters tried to avoid them, especially 1 and 2 year olds with sharp tusks.

Heard from Caleb and Matt Iya that Gordon Irrigoo got a seal-eating walrus - very fat.

Saw very sporadic whale spouting in morning, looked like humpbakes.

Nearest ice and walrus are about 60 miles away -- west of Sledge Is., toward King Is. So, hunting is about over except for the King Islanders - save freadky winds and/or ice conditions. The first "wave" of walrus (immature bulls non-breeding cows, etc.) has passed, the 2nd (cows with calves) now passing (e.g., what Aloysius saw), and the big, dominant bulls will soon be coming (and hunted far out on receeding ice by King Islanders). Hunting even for King Island ends early June. -- I'm short, the shore ice around Nome stayed too long, preventing hunting until many of the walrus had already passed by on offshore ice. It was a short walrus season for most of Nome -- many families missed hunting for seal and oogruk, too. Short "season" compunded by windy weather keeping most boats in. Most of the action will now be out of Wooley Lagoon.

our plans. We need at least 1 more meeting and more personal contact.

Kawerak really isn't using media and meetings well on this. Need much

more, especially starting this late. Present pace would be perfect if

we had started weeks earlier. Had to push some for this.

Visited Nome Eskimo Community to talk to Tommy Herman about the MB subsistence EA, news articel, etc. -- He was not there, left EA and a message. Will contact later.

Guy Martin returned from Gambell bitching about everything we'd done and how he was saving the project for us--cheap plastic bags and plastic garbage cans not up to arctic rigars, no transportation for KAE, Kae too nosey etc. Then he got all excited about messages from Kae and Tim and Robin for supplies, but I'd already taken care of them but didn't get to say this before him throwing it at me because not his job). I pushed him to call John Pulluk about the specimen buyer for Nome -- John was not there, but in talking with other party, Guy stressed that there was no limit on walrus, so take whatever you can get. (I heard him encourage unlimited harvest before -- especially grating since Kawerak so for has offered no real help in monitoring harvest, hasn't hired local buyer, etc. -- hasn't even gotten the word out to their own employees (Caleb Dotomain, who's brother has a boat, only found out from me daring conversation with Carl the day before). No King Island or other buyer hired yet for this weekend -- Guy mumbled something about the job being too low status for a hunter whatever that means (I think Kawerak turned down the King Island selection). Guy says not to worry, Kawerak will get us what we need, but does nothing.

Ice, by the way, is thinning out near shore, still moving west (and

5/20/80 - Tuesday

Marine forecast still for 20+K winds from north, but seems to be shifting to the southeast. Water is rough, no boats going out. Gabe Muktoyuk said that the 3 King Island boats still out came in last night — they got nothing and spent several nights camped on shore waiting out the winds. Gabe also commented (while discussing summer "vacations" on King Island) that the younger people don't seem to like to eat marine mammals very much anymore — would rather eat store bought groceries. Auklets are O.K., though.

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Tunny Walluk says that some Pushruk or another got 32 walrus a couple of days ago. In discussion later with folks at Kawerak, I found out that Pushruk's don't have their own boat; rather, they hunt with either Aloysius Pikonganna or Robert Wongitillin. Interesting. Also, Strum Dickson has been getting some walrus, but no one knows how many.

Dan Thomas and Tunny both stressed the very short walrus season for Nome. The combination of proper ice conditions and weather calm enough for the boats gave hunters only 2 to 3 days at most to get walrus, seal or cogruk. Many families were particularly disappointed not to even have a chance to get their "drying meat" (cogruk and seal) for the season. The shore ice stayed too long and winds from the north and east kept water rough and pushed the ice out too fast. The nearest ice and walrus are now said to be over 60 miles away. Any hunting that occurs now will take place out of the King Island camp at Wooley Lagoon. The road to Teller is open, but the 3 mile trail to Wooley is probably open only to 4-wheel drive.

purchasing agent --Bernard Kataxec. Having a "local" with check-signing authority would be good. However, by afternoon, Bernard had to back out for medical reason, so there is still no buyer. Bernard is, by the way, an ex-board member of Kawerak.

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Still no phone. Scott is coming tomorrow or Thursday, so I'll try to get the phone and truck lined up with CGS in the morning. Tired of waiting and lack of a phone, in particular, has been a problem on weekends. Scott will have to have a truck to work at Wooley.

5/21/80 -

Scott and Nancy Stromsen arrived today. A clear, calm day, Teddy Sockpick came in after having been weathered in on Sledge Island for 3 days. He brought in samples from a cow and farling(?) walrus: 2 sets of teeth, 1 reproductive tract, and 2 empty stomachs which Guy Martin bought sight unseen. Losing \$100 means nothing, but after turning down Aloysius's empty stomachs, could cause some real problems in willingness to continue doing business with us. Martin is absolutely useless!

Got the phone hooked up and a truck rented for Scott.

Had a pleasant drive after dinner to Safety Lagoon with Scott and Nancy.

A beautiful place. There were only 2 or 3 buildings in the Cape Nome/Safety Lagoon area when I was here 12 years ago. There are now probably 20 or so on Native allotments, etc. — mostly summer camps and family "recreation" homes.

Known Walrus Harvest

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5/15 -	1, 4, Caleb Pungowiyi 1, ?, unknown captain (report by Caleb)
5/16 -	4, ?, Charlie Johnson (acknowledged only 2) 6, (4 , 24), Aloysius Pikonganna
5/17 -	3, , Robert Wongittilin
5/17 -	10, , Frank and Tom Elanna (report by Bob Nelson)
5/17 -	2, 4 and calf, Strum Dickson (report by Nelson confirmed by others, shipped out live calf)
5/17 -	1, , Gordon Irrigoo (seal eater, report by Matt Iya confirmed by others)
5/18	15, (14 , 14), Aloysius Pikonganna (as related by Caleb Pungowiyi)
5/18 -	2 (4, young), Teddy Sockpick

45 - Total known

(Rumor of 40 taken in one trip by Aloysius, 32 by Pushruk's - who hunt with Aloysisus and/or Wongittilin, plus knowledge of unknown others taken and not reported).

Best quesstimate of total harvest to 5/21 -- ca. 100 to 150 animals maximum.

5/22/80 -

Left Nome after visiting KNOM and KICY radio stations to leave a ca. 45 second spot reminder on the walrus parts collection. Very good cooperation from both stations. Both also willing to do interviews on MB subsistence issue and overview of walrus project. Scott will keep in contact.