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UNITED STATES GOVERNMENT

Memorandum

U. S. FISH AND WILDLIFE SERVICE

1011 E. TUDOR RD.
ANCHORAGE, ALASKA 99503
(907) 276-3800

Scott Schliebe
Project Field Coordinator

FROM: Charles H. Adsit
Realty Specialist

DATE: June 24, 1981

SUBJECT: 1981 Walrus harvest monitoring project, Wales, Alaska .

During the period from May 11 through June 22, 1981, I was temporarily assigned as a field biologist at Wales, Alaska for the purpose of monitoring the harvest of the Pacific Walrus.

This memorandum is prepared for the purpose of briefly summarizing the experiences and observations during that period.

On May 11, 1981, I departed Anchorage via Wien Airlines. Upon arrival at Nome I was met by Scott Schliebe of the Nome Field Station. I then flew on to Wales via Ryan Airways.

At Wales I checked in with Roy Sereadlook who was to provide quarters during my stay.

On May 12, 1981, I engaged Mr. Pete Sereadlook as the local assistant.

On May 13, 1981, Mr Pete Sereadlook, Mayor Jonah K. Tokienna (also Chairman of the E.W.C.) and I met with the hunters to explain this years project.

Briefly it may be mentioned that Wales has continued to experience the usual winds. The shore ice began to breakup about May 21, and by May 23rd most of the shore ice was out. Generally this years season was a week to two weeks earlier than usual. One of the major hinderances to a good hunting season was that the sea ice opened up early and moved very far out. Combining this with the strong currents through the Bering Straits and stiff winds, it made it very hazzardous for the small hunting boats to venture out to the ice where the best hunting was available.

On June 22, 1981, I returned to Anchorage via Ryan and Wien Airlines.

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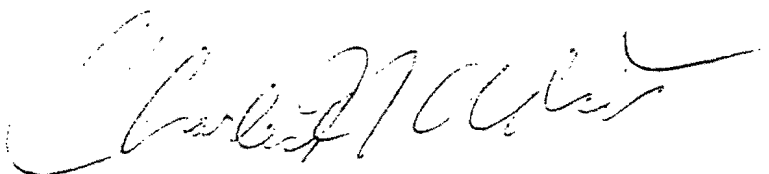
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The following are a few comments and suggestions regarding my experience at the Wales Field Station:

1. Individual quarters arrangements this year proved to be much more satisfactory than living with a family.
2. For the type of specimens secured this season, I would think that if the program is continued another year our local assistant would be capable and reliable to handle the collections with a brief instructional period by the Field Coordinator.

SUMMARY OF SAMPLE COLLECTIONS

Total Villase Harvest: 128
Sex: 94 Male, 34 Female
Teeth with tusk measurements: 100
Heart and liver samples: 1

A handwritten signature in cursive script, likely belonging to Charles F. Miller, is written across the lower half of the page. The signature is fluid and somewhat stylized, with a long horizontal stroke at the end.



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Library
U.S. Fish & Wildlife Service
1011 E. Tudor Road
Anchorage, Alaska 99503

PROGRESS REPORT - 1981

Walrus Harvest, Health/Welfare Study

Wales, Alaska

by
Charles Adsit

and
Scott Schliebe

Information presented as the authors interpretation of the walrus harvest during a particular time for a specific village. Primary use of the report is to provide insight to resource managers on the current walrus harvest. The document is restricted to internal U.S.F.W.S. use.

Key Words: Pacific Walrus
Subsistence
Marine Mammals
Eskimo socio-cultural

Marine Mammal Project
U.S. Fish and Wildlife Service
1011 East Tudor Road
Anchorage, Alaska 99506

ARLIS
Alaska Resources
Library & Information Services
Anchorage, Alaska

Summary

Charles Adsit was the FWS representative stationed in Wales to collect walrus harvest information during a period extending from May 11 to June 22, 1981. Room and board accommodations were arranged by the Service representative utilizing his personal contacts established during the previous years study. Transportation within the village was not required because of the small size of the village. Contracts were arranged with the village store to allow hunters to be paid \$10 per pair for lower front canine teeth once the longest tusk of the harvested animal was measured. Measurements were taken along the anterior edge from the gum line to the tip of the tusk and recorded to the nearest .5 cm. In return the Service reimbursed the store at the rate of \$12 per pair of teeth to account for handling costs. Methods utilized in the study were similar to other villages. Since the walrus harvest in Wales is relatively small (128 in 1981) 100% of the harvested animals could theoretically be sampled ~~ir~~regardless of sex or date of harvest throughout entire duration of the study without fear of exhausting the 200 animal sample goal.

There were 128 walrus harvested in Wales. Tooth samples and tusk measurements totaled 101. Fourteen blubber and skin measurements were acquired from the one hundred one sampled animals. Harvesting of walrus took place on 9 days with 60 animals (47%) harvested during the last hunting day. Seven boat captains took part in the hunt. No crew sizes or boat hours were calculated. Sex ratio of harvested walrus was 72% adult males, 28% adult females and calf walrus did not occur in the harvest. Weather played an important role in the Wales walrus harvest.

Figures 1 and 2 depict boat crew harvest and Wales chronology of harvest respectively. Field data is included in the form of four tables.

For more detailed information see the accompanying data and field diary of Charles Adsit. Analysis of ice conditions and correlation of harvest success for Norton Sound/Northern Bering Sea will be included in the final composite report. Analysis of tooth sections and blubber/skin thickness will be included in a final report. Morphological categorization of tusks will be correlated to age and compared to data collected at other villages during the walrus survey.

Fig. 1 BOAT Crew Harvest - Wales 1981

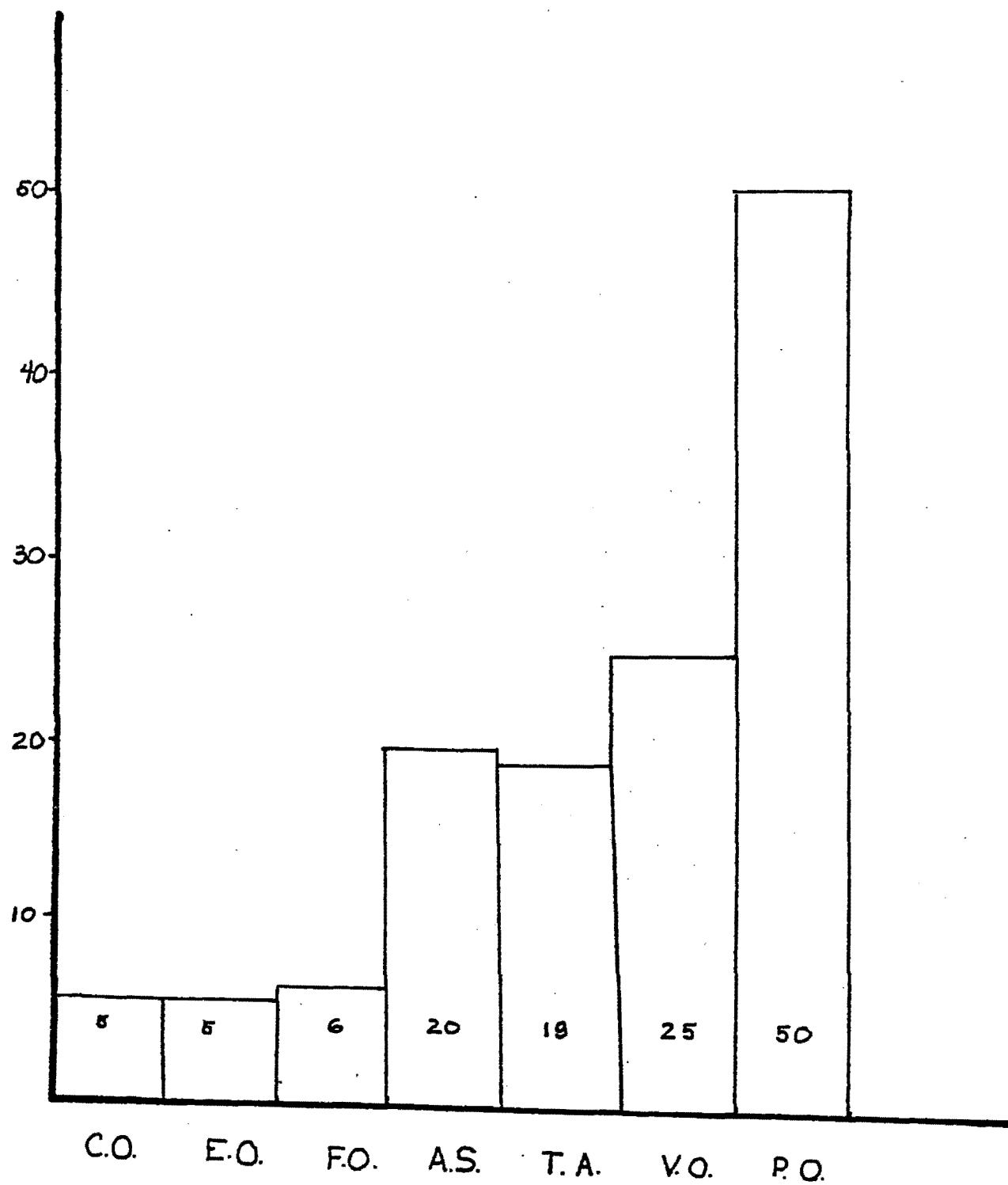
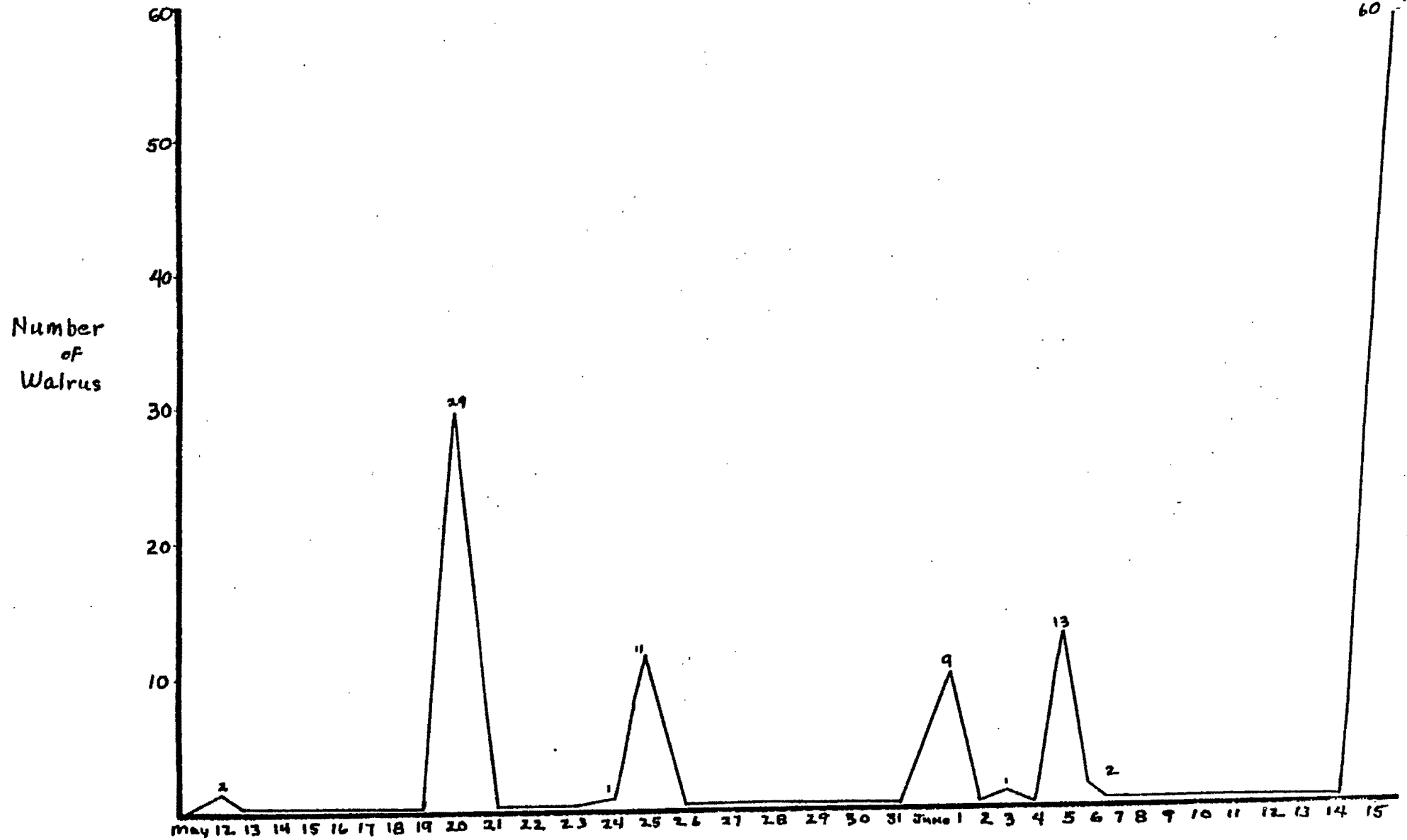


FIG 2

WALES WALRUS HARVEST 1981



Individual Specimens

SHEET N. 1

Form 1

Field Sheet--Walrus Specimen Data

Place WALES, AK Year 1981Collector CHARLES ADISIT
PETE SERFADLOOK

Spec #	Date	Sex	PAIR Teeth	Reprc	St.	Payment	Comments
WL-1-81	5/12/81	M	1	—	—	10.00	
WL-2-81	5/12/81	M	1	—	—	10.00	
WL-3-81	5/20/81	M	1	—	—	10.00	HEALTHY
WL-4-81	5/20/81	F	1	—	—	10.00	
WL-5-81	5/20/81	F	1	—	—	10.00	
WL-6-81	5/20/81	F	1	—	—	10.00	
WL-7-81	5/20/81	F	1	—	—	10.00	
WL-8-81	5/20/81	F	1	—	—	10.00	
WL-9-81	5/20/81	F	1	—	—	10.00	
WL-10-81	5/20/81	F	1	—	—	10.00	
WL-11-81	5/20/81	F	1	—	—	10.00	
WL-12-81	5/20/81	F	1	—	—	10.00	
WL-13-81	5/20/81	F	1	—	—	10.00	
WL-14-81	5/20/81	F	1	—	—	10.00	
WL-15-81	5/20/81	F	1	—	—	10.00	
WL-16-81	5/20/81	F	1	—	—	10.00	
WL-17-81	5/24/81	M	1	—	—	10.00	HEART, LIVER
WL-18-81	5/20/81	F	1	—	—	10.00	
WL-19-81	5/20/81	F	1	—	—	10.00	
WL-20-81	5/25/81	F	1	—	—	10.00	
WL-21-81	5/25/81	F	1	—	—	10.00	
WL-22-81	5/25/81	M	1	—	—	10.00	
WL-23-81	5/25/81	M	1	—	—	10.00	
WL-24-81	5/25/81	M	1	—	—	10.00	
WL-25-81	5/25/81	F	1	—	—	10.00	
WL-26-81	5/25/81	M	1	—	—	10.00	
WL-27-81	5/25/81	M	1	—	—	10.00	
WL-28-81	5/25/81	M	1	—	—	10.00	
WL-29-81	5/25/81	M	1	—	—	10.00	
WL-30-81	5/25/81	M	1	—	—	10.00	
WL-31-81	6/1/81	M	1	—	—	10.00	

Individual Specimens

SHEET NO. 2 -

Form 1

Field Sheet--Walrus Specimen Data

Place WALES, AKYear 1981Collector CHARLES ADST
PAIR DETE SEREADLOOK

Spec #	Date	Sex	Teeth	Repr	St.	Payment	Comments
WL-32-81	6/1/81	M	1	-	-	10.00	ONE TOOTH
WL-33-81	6/1/81	M	1	-	-	10.00	
WL-34-81	6/1/81	M	1	-	-	10.00	ONE TOOTH
WL-35-81							
WL-36-81	6/3/81	M	1	-	-	10.00	
WL-37-81	6/5/81	M	1	-	-	10.00	STOMACH EMPTY
WL-38-81	6/5/81	M	1	-	-	10.00	STOMACH EMPTY
WL-39-81	6/5/81	M	1	-	-	10.00	STOMACH EMPTY
WL-40-81	6/5/81	M	1	-	-	10.00	STOMACH EMPTY
WL-41-81	6/5/81	M	1	-	-	10.00	STOMACH EMPTY
WL-42-81	6/5/81	M	1	-	-	10.00	STOMACH EMPTY
WL-43-81	6/5/81	M	1	-	-	10.00	STOMACH EMPTY
WL-44-81	6/5/81	M	1	-	-	10.00	STOMACH EMPTY
WL-45-81	6/5/81	M	1	-	-	10.00	STOMACH EMPTY
RIGHT FOREHEAD HAS LARGE PUSS FORMED OVER IT. MAY HAVE BEEN SHOT BEFORE							
WL-46-81	6/6/81	M	1	-	-	10.00	
WL-47-81	6/6/81	M	1	-	-	10.00	
WL-48-81	6/5/81	M	1	-	-	10.00	
WL-49-81	6/5/81	M	1	-	-	10.00	
WL-50-81	6/5/81	M	1	-	-	10.00	
WL-51-81	6/5/81	M	1	-	-	10.00	
WL-52-81	6/15/81	M	1	-	-	10.00	
WL-53-81	6/15/81	M	1	-	-	10.00	
WL-54-81	6/15/81	M	1	-	-	10.00	
WL-55-81	6/15/81	M	1	-	-	10.00	
WL-56-81	6/15/81	M	1	-	-	10.00	
WL-57-81	6/15/81	M	1	-	-	10.00	
WL-58-81	6/15/81	M	1	-	-	10.00	
WL-59-81	6/15/81	M	1	-	-	10.00	
WL-60-81	6/15/81	M	1	-	-	10.00	
WL-61-81	6/15/81	M	1	-	-	10.00	

Individual Specimens

SHEET NO. 3.

Form 1

Field Sheet--Walrus Specimen Data

Place WALLES, AK Year 1981Collector CHARLES ADST
PETE SERRADLOK

Spec #	Date	Sex	Teeth	Repro	St.	Payment	Comments
WL-62-81	6/15/81	M	1	-	-	10.00	
WL-63-81	6/15/81	M	1	-	-	10.00	
WL-64-81	6/15/81	M	1	-	-	10.00	
WL-65-81	6/15/81	M	1	-	-	10.00	
WL-66-81	6/15/81	M	1	-	-	10.00	TUSK TIPS WORN ON EACH OTHER
WL-67-81	6/15/81	F	1	-	-	10.00	
WL-68-81	6/15/81	M	1	-	-	10.00	
WL-69-81	6/15/81	M	1	-	-	10.00	
WL-70-81	6/15/81	M	1	-	-	10.00	
WL-71-81	6/15/81	M	1	-	-	10.00	ONE TOOTH
WL-72-81	6/15/81	M	1	-	-	10.00	
WL-73-81	6/15/81	F	1	-	-	10.00	ONE TOOTH BROKEN
WL-74-81	6/15/81	M	1	-	-	10.00	
WL-75-81	6/15/81	M	1	-	-	10.00	
WL-76-81	6/15/81	M	1	-	-	10.00	
WL-77-81	6/15/81	M	1	-	-	10.00	
WL-78-81	6/15/81	M	1	-	-	10.00	
WL-79-81	6/15/81	M	1	-	-	10.00	
WL-80-81	6/15/81	M	1	-	-	10.00	
WL-81-81	6/15/81	M	1	-	-	10.00	
WL-82-81	6/15/81	M	1	-	-	10.00	
WL-83-81	6/15/81	M	1	-	-	10.00	
WL-84-81	6/15/81	M	1	-	-	10.00	
WL-85-81	6/15/81	M	1	-	-	10.00	
WL-86-81	6/15/81	M	1	-	-	10.00	
WL-87-81	6/15/81	M	1	-	-	10.00	
WL-88-81	6/15/81	M	1	-	-	10.00	
WL-89-81	6/15/81	M	1	-	-	10.00	ENDS OF TUSKS ALMOST TOUCHING
WL-90-81	6/15/81	M	1	-	-	10.00	
WL-91-81	6/15/81	M	1	-	-	10.00	
WL-92-81	6/15/81	M	1	-	-	10.00	

SECRET NO. 4

Form 1

Place WAZEE, AR Year 1981

Collector PETER SAREADLOV.

[illegible]

1981

Form 3

Village WALES, AK

Investigator CHARLES ADST
PETE SEREADLOOK

Date		♂♂	♀♀	Calves	Total
5/12/81		2	—	—	2
	S.T.	2	—	—	2
5/20/81		1	28	—	29
	S.T.	3	28	—	31
5/24/81		1	—	—	1
	S.T.	4	28	—	32
5/25/81		8	3	—	11
	S.T.	12	31	—	43
6/1/81		8	—	—	8
	S.T.	20	31	—	51
6/1/81		1	—	—	1
	S.T.	21	31	—	52
6/3/81		1	—	—	1
	S.T.	22	31	—	53
6/5/81		13	—	—	13
	S.T.	35	31	—	66
6/6/81		2	—	—	2
	S.T.	37	31	—	68
6/15/81		52	—3	—	60
	S.T.	94	34	—	128
					"
	S.T.			2 walrus in king	
	S.T.				
	S.T.				
	S.T.				
	S.T.				

CHARLES ADS IT

Investigator PETE SEREADLOK[illegible]

YEAR:

1981

WALFIS

COLLECTOR:

SHEET NO. 1

CHARLES ADISIT

PETE SEREADLOOK

Thickness
Measurements in cmTusk Length (cm)
anterior edge
tip to gum line

No.	Date	Location	Sex	Age	Tusk Length (cm) anterior edge tip to gum line	Skin	Blubber	Comments
WL-1-81	5/12/81	3 MI. SOUTH	M		30.5 CM RT	EST 2.5 CM	5 CM	FORM 5 FRONT 9 SIDE
WL-2-81	5/12/81	3 MI SOUTH	M		61.5 CM LT	EST 4 CM	6 CM	FORM 3 FRONT 10 SIDE
WL-3-81	5/20/81	BELOW TIN CITY AIRPORT	M		46.0 CM RT	EST 4 CM	EST 10 CM	FORM 2 FRONT 11 SIDE HEALTHY
WL-4-81	5/20/81	4 MI WEST OF TIN CITY	F		43.0 CM RT	—	—	FORM 4 FRONT 11 SIDE
WL-5-81	5/20/81	4 MI WEST OF TIN CITY	F		39.0 CM RT	—	—	FORM 3 FRONT 10 SIDE
WL-6-81	5/20/81	4 MI WEST OF TIN CITY	F		43.0 CM LT	—	—	FORM 3 FRONT 10 SIDE
WL-7-81	5/20/81	4 MI WEST OF TIN CITY	F		58.0 CM RT	—	—	FORM 1 FRONT 12 SIDE
WL-8-81	5/20/81	4 MI WEST OF TIN CITY	F		32.0 CM LT	—	—	FORM 5 FRONT 10 SIDE
WL-9-81	5/20/81	4 MI WEST OF TIN CITY	F		53.0 CM LT	—	—	FORM 3 FRONT 10 SIDE
WL-10-81	5/20/81	4 MI WEST OF TIN CITY	F		39.0 CM RT	—	—	FORM 4 FRONT 11 SIDE
WL-11-81	5/20/81	4 MI WEST OF TIN CITY	F		40.0 CM RT	—	—	FORM 3 FRONT 11 SIDE
WL-12-81	5/20/81	4 MI WEST OF TIN CITY	F		37.0 CM RT	—	—	FORM 4 FRONT 10 SIDE
WL-13-81	5/20/81	4 MI WEST OF TIN CITY	F		38.0 CM RT	—	—	FORM 4 FRONT 10 SIDE
WL-14-81	5/20/81	4 MI WEST OF TIN CITY	F		30.0 CM RT	—	—	FORM 4 FRONT 10 SIDE
WL-15-81	5/20/81	4 MI WEST OF TIN CITY	F		38.0 CM RT	—	—	FORM 3 FRONT 11 SIDE
WL-16-81	5/20/81	4 MI WEST OF TIN CITY	F		43.0 CM RT	—	—	FORM 3 FRONT 11 SIDE
WL-17-81	5/24/81	7 MI EAST OF TIN CITY	M		53.0 CM RT	—	—	FORM 5 FRONT 11 SIDE
WL-18-81	5/20/81	4 MI WEST OF TIN CITY	F		39.0 CM RT	—	—	FORM 3 FRONT 9 SIDE
WL-19-81	5/20/81	4 MI WEST OF TIN CITY	F		47.0 CM RT	—	—	3 FRONT 12 SIDE
WL-20-81	5/25/81	8 MI WEST	F		38.5 CM RT	2.5 CM	3.5 CM	FORM 4 FRONT 10 SIDE
WL-21-81	5/25/81	8 MI WEST	F		36.5 CM RT	2.0 CM	3.0 CM	FORM 4 FRONT 9 SIDE
WL-22-81	5/25/81	8 MI WEST	M		56.0 CM RT	3.4 CM	4.8 CM	FORM 5 FRONT 9 SIDE
WL-23-81	5/25/81	8 MI WEST	M		52.0 CM RT	3.2 CM	5.3 CM	FORM 3 FRONT 10 SIDE
WL-24-81	5/25/81	6 MI NORTH OF DIONMORE	M		55.0 CM RT	—	—	FORM 3 FRONT 10 SIDE

SHEET NO. 3

CHARLES ADISIT

YEAR: 1981 WALKER

COLLECTOR: PETE SPREADLOOK

Thickness
Measurements in cmTusk Length (cm)
anterior edge
tip to gum line

No.	Date	Location	Sex	Age	Tusk Length (cm) anterior edge tip to gum line	Skin	Blubber	Comments
WL-48-81	6/5/81	40 MI WEST	M	-	54.0 cm RT	—	—	FORM 4 FRONT 9 SIDE
WL-49-81	6/5/81	40 MI WEST	M		41.0 cm RT	—	—	FORM 4 FRONT 10 SIDE
WL-50-81	6/5/81	40 MI WEST	M		37.0 cm RT	2.0 ^{EST}	4.0	FORM 4 FRONT 9 SIDE
WL-51-81	6/5/81	51 MI WEST	M		44.0 cm RT	—	—	FORM 3 FRONT 9 SIDE
WL-52-81	6/15/81	10 MI SW	M		61.0 cm LT	—	—	FORM 3 FRONT 10 SIDE
WL-53-81	6/15/81	10 MI SW	M		38.0 cm LT	—	—	FORM 5 FRONT 9 SIDE
WL-54-81	6/15/81	10 MI SW	M		57.0 cm RT	—	—	FORM 2 FRONT 9 SIDE
WL-55-81	6/15/81	10 MI SW	M		38.0 cm LT	—	—	FORM 5 FRONT 9 SIDE
WL-56-81	6/15/81	6 MI SW	M		53.0 cm LT	3.5	8.0	FORM 5 FRONT 9 SIDE
WL-57-81	6/15/81	10 MI SW	M		46.0 cm RT	1.7	3.0	FORM 7 FRONT 9 SIDE
WL-58-81	6/15/81	10 MI SW	M		45.0 cm RT	2.7	2.3	FORM 3 FRONT 11 SIDE
WL-59-81	6/15/81	10-12 MI TWO DIOMEDE	M		46.0 cm RT	—	—	FORM 6 FRONT 10 SIDE
WL-60-81	6/15/81	10-12 MI TWO DIOMEDE	M		52.0 cm LT	—	—	FORM 5 FRONT 9 SIDE
WL-61-81	6/15/81	10-12 MI TWO DIOMEDE	M		41.0 cm RT	—	—	FORM 7 FRONT 10 SIDE
WL-62-81	6/15/81	10-12 MI TWO DIOMEDE	M		66.0 cm LT	—	—	FORM 2 FRONT 10 SIDE
WL-63-81	6/15/81	10-12 MI TWO DIOMEDE	M		50.0 cm RT	—	—	FORM 2 FRONT 10 SIDE
WL-64-81	6/15/81	10-12 MI TWO DIOMEDE	M		36.0 cm RT	—	—	FORM 3 FRONT 10 SIDE
WL-65-81	6/15/81	10-12 MI TWO DIOMEDE	M		58.0 cm LT	—	—	FORM 4 FRONT 9 SIDE
WL-66-81	6/15/81	10-12 MI TWO DIOMEDE	M		53.0 cm LT	—	—	FORM 4 FRONT 11 SIDE
WL-67-81	6/15/81	10-12 MI TWO DIOMEDE	IF		20.0 cm RT	—	—	FORM 6 FRONT 10 SIDE
WL-68-81	6/15/81	10-12 MI TWO DIOMEDE	M		52.0 cm LT	—	—	FORM 5 FRONT 10 SIDE
WL-69-81	6/15/81	10-12 MI TWO DIOMEDE	M		46.0 cm LT	—	—	FORM 3 FRONT 9 SIDE
WL-70-81	6/15/81	10 MI SW	M		42.0 cm LT	2.0	5.0	FORM 4 FRONT 9 SIDE
WL-71-81	6/15/81	10 MI SW	M		53.0 cm RT	2.0	5.0	FORM 6 FRONT 10 SIDE

YEAR:

1981 WALES

COLLECTOR:

SHEET NO. 4
CHARLES ADIT
PATE SEREADLOOKThickness
Measurements in cmTusk Length (cm)
anterior edge
tip to gum line

No.	Date	Location	Sex	Age	Tusk Length (cm) anterior edge tip to gum line	Skin	Blubber	Comments
WL-72-81	6/15/81	10 mi SW	M		59.0 cm RT	3.0	4.0	FORM 5 FRONT 10 SIDE
WL-73-81	6/15/81	10 mi SW	F		43.0 cm LT	—	—	FORM 3 FRONT 10 SIDE
WL-74-81	6/15/81	10 mi SW	M		43.0 cm RT	—	—	FORM 4 FRONT 9 SIDE
WL-75-81	6/15/81	10 mi SW	M		44.0 cm RT	—	—	FORM 4 FRONT 9 SIDE
WL-76-81	6/15/81	10 mi SW	M		52.0 cm LT	2.0	3.0	FORM 4 FRONT 9 SIDE
WL-77-81	6/15/81	10 mi SW	M		54.0 cm LT	2.0	3.0	FORM 1 FRONT 10 SIDE
WL-78-81	6/15/81	10 mi SW	M		53.0 cm RT	—	—	FORM 5 FRONT 10 SIDE
WL-79-81	6/15/81	10 mi SW	M		48.0 cm RT	2.5	4.0	FORM 6 FRONT 11 SIDE
WL-80-81	6/15/81	10 mi SW	M		50.0 cm RT	2.0	4.0	FORM 3 FRONT 10 SIDE
WL-81-81	6/15/81	10 mi SW	M		50.0 cm LT	—	—	FORM 6 FRONT 10 SIDE
WL-82-81	6/15/81	10 mi SW	M		52.0 cm RT	2.0	4.0	FORM 4 FRONT 12 SIDE
WL-83-81	6/15/81	10 mi SW	M		48.0 cm RT	—	—	FORM 5 FRONT 8 SIDE
WL-84-81	6/15/81	30 mi SW	M		35.0 cm LT	—	—	FORM 6 FRONT 8 SIDE
WL-85-81	6/15/81	30 mi SW	M		39.0 cm LT	—	—	FORM 5 FRONT 9 SIDE
WL-86-81	6/15/81	30 mi SW	M		42.0 cm RT	—	—	FORM 5 FRONT 9 SIDE
WL-87-81	6/15/81	30 mi SW	M		45.0 cm RT	—	—	FORM 4 FRONT 9 SIDE
WL-88-81	6/15/81	30 mi SW	M		33.0 cm RT	—	—	FORM 5 FRONT 9 SIDE
WL-89-81	6/15/81	30 mi SW	M		63.0 cm RT	—	—	FORM 1 FRONT 10 SIDE
WL-90-81	6/15/81	30 mi SW	M		35.0 cm RT	2.0	4.0	FORM 4 FRONT 9 SIDE
WL-91-81	6/15/81	30 mi SW	M		58.0 cm RT	—	—	FORM 3 FRONT 10 SIDE
WL-92-81	6/15/81	30 mi SW	M		51.0 cm RT	—	—	FORM 6 FRONT 10 SIDE
WL-93-81	6/15/81	30 mi SW	M		59.0 cm RT	1.5	5.0	FORM 7 FRONT 8 SIDE
WL-94-81	6/15/81	30 mi SW	M		52.0 cm RT	—	—	FORM 4 FRONT 10 SIDE
WL-95-81	6/15/81	30 mi SW	M		47.0 cm LT	—	—	FORM 3 FRONT 10 SIDE

YEAR: 1981 WALES

SHEET NO. 5
CHARLES ADRI
COLLECTOR: PETER SEREKOLOK

Thickness
Measurements in cm

Tusk Length (cm)
anterior edge

[illegible]

5 AD5/T

AGE WALESP, AK

BOAT CAPT. IN VINCE OKRBYALYK

INVESTIGATOR *PETE*

EA0400K

[illegible]

INVESTIGATOR

[illegible]

114

INVESTIGATOR

REMARKS

TOTALS

WALES

INDIVIDUAL BOAT HUNTING CREW ACTIVITY

Form 2

CRITICAL ADVIS
DEFENSE

BOAT CAPTAIN FRANK OYEREAH SR.

INVESTIGATOR

[illegible]

Village 1981
Wales

INDIVIDUAL B HUNTING CREW ACTIVITY

Form 2 PETERSEN, ARLO

BOAT CAPTAIN ANDREW SEEDON

INVESTIGATOR[illegible]

WALES

INDIVIDUAL BOWHUNTING CREW ACTIVITY

Form 2

CHARLES HOU
RETRIEVED
ESTIGATOR

BOAT CAPTAIN CLARENCE ONTOWASUK

INVESTIGATOR[illegible]

WALES

INDIVIDUAL BOAT HUNTING CREW ACTIVITY

Form 2 PETE SERE ^{Pos 11}

BOAT CAPTAIN ERNEST OXERFORD

INVESTIGATOR

[illegible]

Field Diary

Walrus Harvest, Health and Welfare Study

Wales, Alaska 1981

Charles Adsit

U.S. Fish and Wildlife Service

August 1981

Wales village store
Issacc Oxereok President
Roland Anginabookuk Vice President
Store Manager: Lloyd Natungak
Asst. Manager: Ralph Anungazuk

Kawerik Inc.
George Sherrod 443-5233 X25

Scott Schliebe 443-2605, May 11, 1981
Mail: Arctic Trading Post, Nome, Ak.
Bob Jones 263+3 Ext 529
Home 694-2055

1980 City Council
Jonah K. Tokiena Mayor
Ernest Oxereok
Ralph Anungazuk
Clarence Ongtawasruk
Frank Oxereok, Jr.
Raymond Seetook

May 11, 1981 Monday

Leave residence 0700, arrive at airport 0720. Leave via Wein flight 61 0820, paid cash for 2 pieces overweight \$14.00. Arrive Nome airport 0900, Bering Sea time DST. Met Scott Schliebe, visited with George Sherrod, Kewerik. Doing demographic study, tel 443-5233 ext. 25. Also met with Carl Akwinona, leave Nome airport 1100 aboard Wein flight 595 (2595), Ryan airways pilot, Wilber Ryan, stop enroute Tin City, arrive Wales airport 12:00 noon BDST. Taxi Louie paid cash \$5.00. Payed rent to Roy Sereadlook ck #283, \$500.00 for May and June, \$250.00 per month, pay \$117.76 ck #284 to Wales village store for drum of stove oil, Ralph Anungazuk working store. Roy Sereadlook has apparently trapped 16-18 squirrel, set out 2 more traps about five miles north, maintains summer camp toward Lopp Lagoon, Met Glenn Sereadlook, Herb, Arlene (Health aide) and Pat of village store, Pete and Larry Sereadlook, Roy and Mrs. Sereadlook. Ice is opening up south of Wales, day clear and temperature about 22° F, wind substantial. Shore ice still in.

May 12, 1981 Tuesday

Clear sunshine, wind light, open water beyond shore ice, Roy and Mrs. Sereadlook went up to summer camp this morning, stopped into see Glenn Sereadlook, then we went up to see Toby Anungazuk, Sr. Mrs. Anungazuk was dressing out an oogruk which they got yesterday. It had a good layer of fat on it. Toby says the oogruks in Norton Sound don't seem to be so fat. He thinks the younger animals tend to migrate further north into the Barrow area than do the older animals. Also he advised that 2 oogaruks were brought in the village today. Identified a raven and snowbuntings. Stopped into visit Pete Sereadlook and he briefed me on Tom Oxereok, Jr. (Ida's son) and Hermann Seetook (Andrew's younger son) back in January. Ida and Andrew's wife are sisters. Also his neighbor Agnes passed away over the winter. Issacc Oxereok is president of IRA - village store. Engaged Pete Sereadlook as assistant and went over rough layout of program. Went to dinner with Pete and Lena, Larry and Peggy Sereadlook. Main course was fried oogruk from Toby Anungazuk, Sr. They are taking care of young Pete Alexander this past month. Glaucous gulls along shore. Went up to see Toby tonight. He sealed six polar bears this winter, and stopped in for a visit with Roy and Mrs. Sereadlook. On their trip up to Mint River they saw a brown bear near Potato Mt. They usually spend the month of August at camp berry picking. Last year the picking was not very good as the reindeer pretty well trampled them. They got two squirrels today and set out some more traps. They use them for parkas, dolls, etc. Mrs. Ethel Sereadlook is originally from Shismaref. Open water is about out to the Diomedes and Foster Airways probably made its last flight in today. The wind has shifted to the south and is expected to bring the ice in along with the current coming north. Roy apparently worked with the Bureau of Mines and advised that they found tin veins on "Cape" Mt. Also there are a couple of old gold dredges over the hill. Apparently because of the patents, no body does much prospecting. Mrs. says she saw a swan up towards the Mint River today.

May 13, 1981 Wednesday

Shore ice still in, over cast sky. Pete came by in the morning and we put hunter packages together and firmed up plans. Silas Komonaseak came over around noon and advised that Vince Okpealuk had brought in a walrus to the ice south of the ca light and it took a ton of men and a half carved up animal to get it up on the ice. This is apparently the first walrus of the season. Also they sighted a couple of whales. Graduation eighth grade is tonight at Wales. Silas has two graduating from Mt. Edgecombe and Maggie Komonaseak will be going down for a week for that. Silas hopes the kids will go to U of A in Fairbanks. One worked in Nome last summer for "FWS" and could go back this summer for better pay but can't afford to live there, so summer plans are not for certain. In the afternoon Pete and I went up to look up Roland Angnabooguk V.P. for the Wales native store, who signed the contract for BPA but he had gone duck hunting for a couple of days. I wanted to firm up the details for handling the transactions. I will try to catch him another day. We then went up to look up Jonah K. Tokeina, mayor of the Village of Wales, to explain our purposes and have Pete S. Sereadlook and Jonah K. Tokeina execute order order no. 70181-0332-81 for Pete's contract. I advised him that we estimated to be collecting walrus harvest information tentatively until July 1, 1981. I also advised him that we would like to collect 10-12 samples of heart, liver, kidney and blubber of laboratory analysis for contamination studies. Come to find out, Jonah is EWC chairman and appeared pleased that we were proposing to take these samples. He also spent some time explaining his hunting gear, various guns, what they were used for and how they hunted. He assured me that their grandfathers taught them to not waste and discussed hunting techniques aimed at same. He also discribed the weather, water and ice conditions they were confronted with while hunting on these. His descriptions were very detailed on these and it would not be prudent of me to try to put them down in writing here for concern of possible misquote. One concern that seemed to distress Jonah was that they were being accused of waste and headhunting and blamed for walruses washing up on the beaches in the area every year. He went on to describe the current movements and also noted that some of the carcasses they checked had been killed by slugs which apparently came from fire arms not used by the village hunters. He suspects that they could well be coming from the other side of the international date line. He also strongly questioned our announcement estimate of approximately 250,000 animals and believed that that figure came from an old study. I told him I hadn't been able to find out myself and was not sure if that included estimates from the other side of the international date line. This is graduation and dancing night in Wales. Should be big doin's. Lena is flying into Nome tomorrow with little Pete Alexander to ship him back to Anchorage to be with his folks. Pete Sereadlook says northwind ok, northwest wind rough, south wind brings ice in.

May 14, 1981 Thursday

Shore ice still in, overcast sky, stiff northerly winds. Pete and I met with the boat captains and some of their crews along with the mayor. The mayor spoke first regarding the A.F.N. discussions and proposals regarding the marine mammals act which also includes a section of research. After that, I spoke regarding our part in the program and handed out

instruction sheets and hunter kits. All but one boat captain was present. Weather is too poor for hunting today. The winds are stiff. The mayor advises that there will be an EWC meeting in Nome on June 10th. One interesting note from Roy and Ethel, they had a squirrel today which was full of holes. Apparently when there are too many of them, they bite each other. Also, one of the walrus hunters asked if they could measure the tusk out there themselves. Sounds like the suggestion has merit. If we issued tapes to them, and form is not needed.

May 15, 1981 Friday

Shore ice still in, overcast sky, stiff northerly winds. Pay \$117.76, ck #285, to Wales village store for drum of stove oil.

May 16, 1981 Saturday

Shore ice still in, clear sky. Overhead low clouds (fog) to the north, to west NE winds moderate. Quiet day. Visited with Pete and Lena and Silas Komonaseak. Roy and Ethel invited me over for a delightful reindeer dinner. Roy recalled some of the old times when they spent the summer down beyond Teller, fishing, picking salmon berries, then black berries. He also worked for the Teller school teachers hauling water, collecting drift wood, worked for the Bureau of Mines at a tunnel using carbide lamps near Tin City, and a contractor running a jackhammer 10 hours a day, and on the radar bubble on top of the mountain. He used to run dog sleds back and forth to Nome, 2 day trip with cabin stop over. Now there are no teams in Wales, no lead dogs. He recalled earning five dollars a month for school teachers around 1930 and buying a 22 for \$4.49 and boxes of shells for 15¢ a box and hunting rabbits. Says there are not many rabbits around now. He also brought out an old Eskimo oil lamp he had found in one of the house sites. Apparently made out of rock with places for wicks and said they hung pots above it for cooking. Also it apparently served for heating the house as well. He also recalled buying three tons of coal shipped in from outside by Alaska Steamship Co. Evidently he also worked at a gold mine near Nome at one time. There seems to be a general concern about off shore oil and gas leasing in light of the strong currents, ice and wind conditions in this area.

May 17, 1981 Sunday

AM Shore ice still in, clear sky, overhead low clouds (fog) to the north and west, northerly winds moderate, Bruce Brightman from Forestville, Conn., now at Tin City, stopped by.

May 18, 1981 Monday

AM Shore ice still in, clear sky, overhead low clouds (fog) to the north and west, winds have increased overnight, stiff northerly. Apparently at this time of year the fog bank is common. It kind of peels off the ridge northeasterly and out to sea or to the south. The actual fog doesn't seem to settle over the southernly part of the village. Greetings from windy city. It has done a dandy job on my coiffure. Picked up WL-1-81 and WL-2-81 from Vince Okpealuk.

May 19, 1981 Tuesday

AM Shore ice still in and about 60% cloud over, northeast winds have let up, warming up, probably about 33°F. Ground snow softening up. Bob Jones called about noon to check up. Ethel was plucking a ptarmigan while I was over at her house.

May 20, 1981 Wednesday

AM Shore ice still in, beginning to pond. Overcast skys practically no wind, warm and thawing, probably 36°F. Scott called at Glenn's, Glenn came over to deliver the message. I called Scott back, 443-2605, *by credit card (personal from Roy and Ethel) and asked for tapes for measuring tusks and told him Bob Jones had called yesterday. He told me he could probably get cm tapes from Bob Nelson. Scott advised that Charlie Iapana from Diomedes may be coming through. Bob Jones called Roy Sereadlook around noon. I got the message later in the day and called him back (personal credit card) 263+3 529. Bob advised me that the present walrus est. was around 300,000 based on last September est., Alaska side of Int. date line by aerial census 101,000 est., Soviet side of Int. date line by aerial census 180,000 est. Also advised we should continue measurements of tusks on the beach.

-Identified a male lapland longspur (Alaska longspur) along edge of roadway to airstrip. Wind picked up from south east midday and let up towards evening Substantial thawing today, skies cleared up. Met Clarence, the reindeer herdsman, and son, Davis. Clarence advised they had a herd of about 1,000 at present. About 600 had strayed and his boys were out looking for them. Arlene, health aid, has new quarters in the corporation building. No septic tanks and its difficult to get a stretcher case into the building.

May 21, 1981 Thursday

AM Shore ice still in, high overcast sky, light southeasterly winds, thawing, light rain, temperature about 42°F. Wind shifting around to northeast and wind picking up toward midday. Pete and I picked up specimen from Patrick Ongtowsruk. WL-3-81. Toby Anungazuk WL-4-81, WL-5-81. *Called Scott Schliebe (personal credit card) not home. He called back and advised he was on the way to Barrow and Wainwright. They will be publishing in the Nome paper today, the estimate of 280,000. I told him I was hanging in on Jones' figures of 101,000 U.S. est. and 180,000 Soviet est. Also told him Jones' projected around 300,000 present est. Also told him Jones wanted me to continue doing beach checking. Advised him I had 31 total and 5 specimens. Wind picking up this afternoon, moderate rain. Heavy melt all day. Early evening the outer shore ice around the shore of Cape Prince of Wales started breaking up. There seems to be a general local dissatisfaction with the State of Maintenance of the Airstrip.

May 22, 1981 Friday

AM Much of shore ice still in, overcast skys thawing. Sly winds temperature probably about 37°. Pete and I checked WL-6-81 and WL-7-81. Beautiful sunny, warm day. Warmed up and wind shifted around to northwest. Much

of the inner shore ice melted out today. Some of the ridge shore ice is still grounded. Most all boats away today. Had supper with Silas and his oldest living son Luther, steak, onions, peas and toast. They are heading out hunting this evening. Toby Anungazuk wife's name is Martha (Pete's sister) Clarence Ongtowaspuk is her brother.

May 23, 1981 Saturday

AM Most of shore ice out. Sky clear with misc. light clouds. Wind light NEly. Temperature probably about 42°F. Marianne, Lena's sister, stopped by Pete and Lena's. Not many boats going out today hunting. Last night was poor. Ida Oxereok, Tom Oxereok's mother, stopped by Pete and Lena's. The loss of Tom has apparently hurt pretty deep.

May 24, 1981 Sunday

AM NEly wind moderate, about 80% overcast sky, snow fog peeling around rocks to NE, temperature probably about in high 30's.
-Identified white crowned sparrow in front of house. Apparently nobody went out hunting. Not much game out there. Evidently the walrus stay pretty much with the ice pack which is far out and are not likely to stay around fresh ice.
-One crane flying over village.

May 25, 1981 Monday

AM Heavy fog, no wind, probably in upper 30's. Stiff SEly wind picked up in the afternoon. Big doin's down at the bridge today. Creek opened up. Pete and I picked up specimens WL-8-81-WL-19-81. Still fog in evening.

May 26, 1981 Tuesday

AM Mostly cloudy sky light SEly winds. Temperature probably in mid 30's. Sea calmed down during the day. Practically no wind, temperatures warmed up, probably into mid 40's.

May 27, 1981 Wednesday

AM Clear sky with low fog cloud peeling off rocks to NE. Easterly winds, temperature around freezing. Met Tess Kelso from University of Colorado, working on PhD in Saxifragas. etc. Apparently came in Saturday.
-Identified pintails on marsh nely of armory. Picked up specimens WL-20-30-81. Old animals evidently wear down the tusks substantially. Pat Ongtowasreck advised that currents apparently swing toward the Russian Chuckchi Sea after passing by the Diomedes. Pat says he saw some boats out from the Siberian side.

May 28, 1981 Thursday

Clear sky, haze in distance, moderate NEly winds, around freezing.
-Identified pair of hoary redpolls on wood pile in front of house.
-Identified dunlin (redbacked sandpipers).
-Feeding on beach at shoreline

-Identified northern phalarope feeding along beach.
Scott called the Sereadlooks in PM. I returned by credit card call
*443-2605. He was out. Warmed up during day but still windy.

May 29, 1981 Friday

AM Overcast sky and fog moderate nely winds, around freezing. *Called Scott Personal credit card 443-2605. He has Pete's contract and will need days at end of Service. I advised Scott that Pete was aware also advised of harvest. *Called Bob Jones personel credit card 263+3+529. Re: Films and harvest. -Identified Bairds sandpiper around logs in front of house.

-Identified golden crowned sparrow amongst grass and sand in front of house.

-Identified long-tailed jaeger on beach in front of house.

-Identified killdeer in wet Tundra grass along side Nly of house (2 black breast bands). This is the second one or time I've seen one today. Supposedly this is not common to this area.

-Identified semi-palmated plover along beach in front of house.

Had beef stew supper with Pete and Lena.

May 30, 1981 Saturday

AM Overcast and fog, moderate NEly winds, temperature probably in mid 30's

May 31, 1981 Sunday

AM Overcast some floating ice moved in last night, temperatures probably in mid 30's. Moderate NEly winds. Ida Oxereok stopped in this morning and brought me a loaf of bread she had baked. Pat Ongtowsruk is her youngest brother, Mabel Seetook is her sister, Evelyn Oxereok Sr. is her sister.

-Identified black turnstone on beach amongst logs in front of house.

The afternoon saw more chunks of sea ice drift in from the southwest. One of the boats from Teller got outside of the ice enroute for Teller but it was too rough and they returned.

-Identified arctic ground squirrels on tundra archeological site above village.

June 1, 1981 Monday

AM Over cast sky fog peeling around rocks. Floating ice temperatures probably in upper 30's, moderate NEly winds. Picked up receipts from native village store for WL-1-30-81. Call no. 1 and mailed into Shirley Lucas.

-Identified red phalarope along beach in front of school.

-Identified Arctic tern along beach in front of school.

Warmed up in afternoon. Light rain in evening. Seas calming, boats going out.

June 2, 1981 Tuesday

AM Mostly clear skys, nely breezes, temperature probably in the 40's.

-Identified tree swallow over pond outlet at bridge. Met Mark and Sonson dentist on visit with Kawerik Reps. etc. Pete and I picked up WL-31-34-81.

One Brevig boat left this morning. Got 4-5 walrus around point. Several other Brevig boats layed over here today. Apparently plan to got out tonight.

June 3, 1981 Wednesday

AM Clear sky, winds northernly, temperatures probably in the 40's. This afternoon went for a hike in the valley and benches - northernly of Razorback. -Identified american golden plover on bench northernly of Razorback.

- Identified rock sandpiper on bench northernly of Razorback.
- Identified rough legged hawk wing over valley northernly of Razorback.
- With guidance of Tassie Kelso on bench northernly of Razorback.
- Identified Novo seversia (yellow) Rose family Geum (Glaciale)
- Identified pulsatilla (Purple) Crowfoot family or anemone
- Identified oxigrathus (yellow) uncommon flowers come out before leaves.
- Identified pedicularis (Lanath) elephant head (wooley Louisewart), fuzzy ball with red-maroon flowers starting to come out.
- Identified purple mount saxifrage saxifrage opposite folia
- Identified 2 kinds of dryas as probably integrifolia and octopethia (Rose family) on northernly side of Razorback (Limestone area)
- Identified artemisia small ball yellow flower later endemic to Seward Penninsula
- Identified smallest willow with red flower in center
- Identified a poppy

June 4, 1981 Thursday

AM Clear skys, winds northernly, temperatures probably in 40's. Pete and I picked up WL-35-81, WL-36-81. Ernest Oxereok's wife is Betty, 2nd cousin of Pete. Two Nome boats and one Teller boat layed over. They apparently got closed in by ice about 10 miles north of here and stayed out about 3 days.

June 5, 1981 Friday

AM Overcast skys, winds northernly, temperatures probably in 40's. Had coffee and rolls with Silas, Maggie, Jerry, Terry and John. This afternoon Charlie Iyapana came in from Tin City. Also visited with Fred Ozanna from Nome. Heavy fog towards evening. Fred says he saw two white whales off shore.

June 6, 1981 Saturday

AM Clear sky overhead, low fog, winds northernly, temperatures probably in the 40's. Air Force group (8 men) from Tin City walked over to Wales to symbolize "international walk for the family". Met the major and Sergeant Elmore.

- Identified Canada goose
- Two reindeer drifted down northernly of village.

Winds let up in the afternoon. Clear skys, good visibility of Fairway Rock and Diomedé. Most all boats went out.

June 7, 1981 Sunday

AM Overcast sky, northerly winds, temperatures probably in 40's, some flowing ice off shore.

June 8, 1981 Monday

AM Clear skys, very little wind, temperatures probably in 40's. Wind picked up from south during day. Sited several whales off shore toward Fairway Rock. Pete and I picked up WL-37-51-81. Bird watchers from Chicago arrived. Amongst Bird Group - Larry Balch - leader, Mr. and Mrs. Davison, and Harriet.

June 9, 1981 Tuesday

AM Clear skys, southerly winds, temperatures probably in the 40's.

June 10, 1981 Wednesday

AM Clear skys, very light southerly breezes, temperatures probably about 52° F. Went to Fairway Rock with Andrew Seetooks boat and birders.

-Identified black scotter - off Wales shore

" " least anklet

" " tufted puffin

" " thickbilled murre

" " blacklegged kittiwake

" " pomarine jaeger

" " red throated loon - off Wales shore

The birders identified others but these are the ones I can recall.

-Identified walrus on the way back. \$50.00 cash with 6 birders. Boat of 7 round trips \$350.00. Stewart Case - Ornithologist American Museum of Natural History, Elie, Homer.

June 11, 1981 Thursday

AM Clear skys, calm seas, little or not wind, temperatures probably about 48°F.

-Identified slaty backed gull - Flying with other gulls along shore in front of village.

Bird people:

Harriet Davison Port Huron, Mich.

Bill Davison - Port Huron, Mich.

Stewart Keith - N.J. Am Museum Ornithologist

Jerry Maisel

Lorette Maisel

Charlie Clark

Doug Kraus - Kingston R.I. Retired URI Prof.

Homer Esbaugh - Chicago

Elie Elder - Ohio

Larry Balch - Chicago Leader calculus Professor

Benton Basham - Chattanooga Anesthesiologist

Thede Tobish - Anchorage

Lisa Tobish - Anchorage

Birders advise that they have identified almost 70 different birds.

Peggy Sereadlook's birthday. Bill Johnson called and I also talked with Bill Mattice re job. Scott called re finishing up at Wales. *Paid cash

5 gal. blazo \$23.75.

June 12, 1981 Friday

AM Mostly clear sky, southerly winds, temperatures probably in the 40's, fog rolled in during the afternoon

June 13, 1981 Saturday

AM Clear skys overhead, cloudy in the distance, southerly winds, temperatures probably in the 40's. Birders departed today. Advised that they had identified over 70 species in the area.

June 14, 1981 Sunday

AM Cloudy skys, southerly winds, temperatures probably in 40's.
-Identified common murre washed up on beach.

June 15, 1981 Monday

AM Overcast sky, southerly winds, temperatures probably in the 40's, heavy rain during the night. Walrus herd moved in from south, hunting good. Vince Okpealuk located dead whale about 10 miles out. Met Aloyisius at store from Diomede. Also met Silas's cousin. They had been hunting southwest of Diomede. Much of ice has moved to Siberian waters. Russian helicopter apparently had checked them one trip. They said helicopter came over the international date line. Trooper and school teachers came in from Diomede. Pete and I picked up WL-52-58-81. Clarence's son Victor came in with four males.
-Identified sea lion on beach per Pete. "Coke" is walrus skin and blubber. Larry's birthday October 9 or 19th.

June 16, 1981 Tuesday

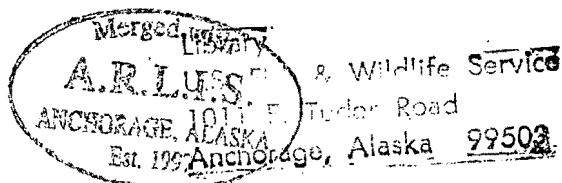
AS Light clouds overhead, winds shifted around to northerly yesterday evening. Temperatures probably in 40's. Warmed up, sunshine, about 56°F. 2 pm Pete and I checked WL-59-101-81. Met Vince's brother Martin.

June 17, 1981 Wednesday

AM Ligh clouds overhead, winds southerly, temperatures probably in 40's. Pat advised he saw a falcon nesting on Fairway Rock yesterday.

June 18, 1981 Thursday

AM Overcast sky, winds northerly, temperatures about 46°F.
*Credit card, telephone call to Wein Nome 443-2277
*Credit card, telephone call to Wein Nome 443-2277
*Credit card, telephone call to office 263-3379
*Credit card, telephone call to Terry Haffet 271-5768



June 19, 1981 Friday

AM Overcast sky, southerly winds, some rain, temperatures probably in 40's.

*Personal credit card - Wein Nome 443-2277

Reindeer corral day. Koreans in. Last working day for Pete Sereadlook. Planes cancelled today for weather. Met Dan and Louie Johnson, Wein agent.

June 20, 1981 Saturday

AM Overcast sky, stiff southerly winds, temperatures probably in 40's.

*Credit card call to Wein Nome 443-2277

Met Robert Tocktook, of Brevig, staying with Ethel and Roy.

*Credit card call to Wein Nome 443-2277

*Credit card call to Wein Nome 443-2277.

Picked greens and had supper with Ethel and Roy, coke and walrus meat. Walter Wyepuk Munz agent. Planes cancelled today for weather. Next plane scheduled for Monday. Called Bill Johnson to advise that I wouldn't be in Monday.

-Identified snowy owl on tundra bench southerly of village.

June 21, 1981 Sunday

AM Overcast sky, southerly winds, temperatures probably in 40's.

Dinner with Roy and Ethel, chicken.

June 22, 1981 Monday

AM Clear skys, southerly winds, temperatures probably in 40's.

*Credit card call Terry Haffet 271-5768

Leave Wales 12:40 pm via Wein flight #595, Pilots Les and Charlie

Arrive Nome 1:30 pm Taxi fare Louie \$5.00

Roy \$5.00

Nome cab fare \$3.00

\$4.00

Met Corky Eberwein at Dan Mayer's. Leave Nome 6:00 pm BDT Wein flight #68.

Arrive Anchorage 8:30 pm ADT, Taxi fare \$8.00 to home. Arrive home 9:00 pm ADT.

Functional phone numbers during 1981.

Alexander, Roland	664-3521	Cab Office	664-3671
Angnabogak, Roland	3621	Clinic	3691
Angnaboogak, Tommy	3431	Wales Corp.	3641
Anungazuk, Toby	3141	Store	3551
Cox, Suip	3123	Post Office	3101
Komonaseak, Silas	3381	Oxeroek, Frank	3341
Natungak, Dora	3191	Seetook, Andrew	3161
Ongtawasruk, Clarence	3281	Tokianna, Katie	3561
Oxeroek, Ages	3231	Weyapuk, Walter	3631
Oxeroek, Daniel	3361	Weyapuk, Winton	3301
Seelkoke, Buster	3511		
Sereadlook, Glenn	3241		
Sereadlook, Pete	3271		
Sereadlook, Roy	3411		

Paul J. Whitegan