

RECEIVED  
ACCESSION NUMBER  
77-0220  
TR0533

DDF-B:1:05

DATA DOCUMENTATION FORM

FEB 20 1977

FORM APPROVED  
O.M.B. No. 41-R2651

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

ALGOA

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Alaska Dept. of Fish and Game  
1300 College Rd.  
Fairbanks, Alaska 99701

RU# 230,232

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Outer Continental Shelf  
Energy Program

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

File Identifier 876 GLA

4. PLATFORM NAME(S)

For File ident.  
876 GLA

5. PLATFORM TYPE(S)  
(E.G., SHIP, BUOY, ETC.)

ship

6. PLATFORM AND OPERATOR NATIONALITY(IES)

USA USA

7. DATES

FROM: MO, DAY, YR TO: MO, DAY, YR  
8/17/76 9/3/76

8. ARE DATA PROPRIETARY?

NO  YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

Data collected north of Barrow  
GENERAL AREA

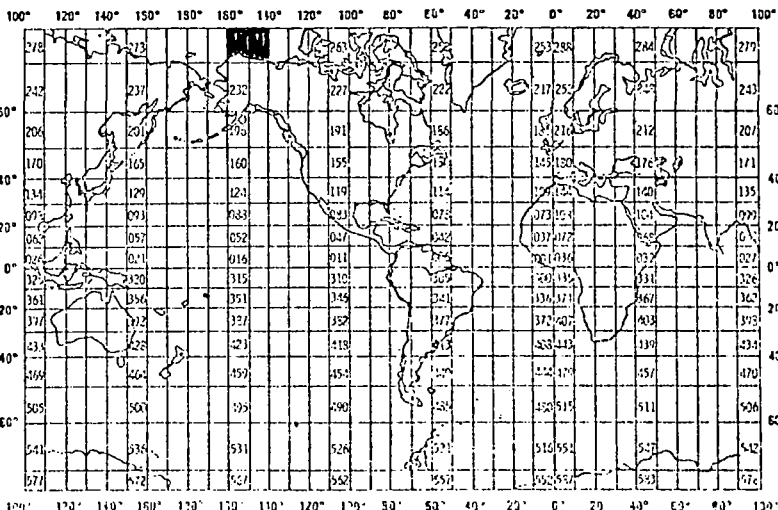
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

NO  YES  PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

Kathryn J Frost  
907-452-1531



C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
 AND THE METHOD OF IDENTIFYING EACH RECORD TYPE

File type 025 record types 1,2,3,6,7 & 8 are being submitted. They are labelled as file ident 876GLA

Differentiated by byte 10

Record type #	Location
2	Physical 1
3	Physical 2
6	Stomach contents record type
7	Stomach contents species record type
8	Text

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

A single specimen is included, record types are ordered in ascending order, sequence #s in space 21-25 order record types and intersperse text cards where appropriate. Sequence #s are 00001 - 00019

3. ATTRIBUTES AS EXPRESSED IN

<input type="checkbox"/> PL-1	<input type="checkbox"/> ALGOL	<input type="checkbox"/> COBOL
<input checked="" type="checkbox"/> FORTRAN	<input type="checkbox"/> _____	LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Mike Crane 907-279-4523 Ext 46  
 ADDRESS AEIDC 707 A Street Anchorage 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  025 FROST RU 230  2-9-77      1 reel  Replaces all data
7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 80
	13. LENGTH OF BYTES IN BITS

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Hind Flipper Length	cm	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Naval to Anus Length	cm	N/A	The curvilinear distance from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in females.	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the anterior notch of the anus.	
Tail Length	cm	N/A	Measured from the externally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volume	cubic cm	N/A	Water displacement	
Testes #1 Length	mm	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm	N/A	"	"
Testes #2 Length	mm	N/A	"	"
Testes #2 Width	mm	N/A	"	"

## B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Curvilinear Length	cm	N/A	Measured over curvature of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Axillary Girth	cm	N/A	Taken around the body immediatly behind fore-flipper.	
Maximum Girth	cm	N/A	The largest circumference around the abdomen.	
Front Flipper Length	cm	N/A	The distance along the anterior border of the forelimb from the axilla to the tip of the longest digit (not claw).	
Front Flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Standard length	cm	N/A	The straight line distance from the tip of the nose to the tip of the tail, animal lying on its belly.	

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Presence of Sperm in Epididymis	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide and examined under 78X of 300X magnification.	

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Weight of full stomach	grams	Model # PL-2 Torsion Balance	Each stomach trimmed of excess esophagal and small intestine tissue. and weighed	N/A
Weight of empty stomach	grams	" "	Stomachs emptied of their contents and weighed intact.	" "
Volume of <sup>items</sup> stomach contents	<del>grams</del> ml	1 <sup>st</sup> Graduated cylinder	Water displacement volumes of prey items summed <del>to give</del> give a total volume	" "
Number of <sup>items</sup> species identified	numeric	N/A	Manual sorting and counting.	" "
Volume of <sup>items</sup> prey items identified	ml	Graduated cylinder	Water displacement	" "
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	" "
Maximum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "
Minimum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "

COPY NAME Location (Marine Mammal Specimen)

FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '025'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Specimen Number	11	10	Bytes	A10	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	I5	
Latitude of Collection,					
Degrees	26	2	Bytes	I2	
Minutes	28	2	Bytes	I2	
Seconds	30	2	Bytes	I2	
Hemisphere	32	1	Bytes	A1	'N' or 'S'
Longitude of Collection,					
Degrees	33	3	Bytes	I3	
Minutes	36	2	Bytes	I2	
Seconds	38	2	Bytes	I2	
Hemisphere	40	1	Bytes	A1	'E' or 'W'
Date of Collection in GMT,					
Year	41	2	Bytes	I2	00-99
Month	43	2	Bytes	I2	1-12
Day	45	2	Bytes	I2	1-31
Time of Collection in GMT,					
Hours	47	2	Bytes	I2	0-23
Minutes	49	2	Bytes	I2	0-59
Water Depth	51	4	Bytes	I4	Whole meters

WORD NAME Location, Continued (Marine Mammal Specimen)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., Bits, Bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Tide Stage	55	3	Bytes	A3	*Feet to tenths
Habitat Code	58	2	Bytes	A2	
Behavior Code	60	2	Bytes	A2	Use File 027 Behavior Code
Ice Codes,					
Type Code	62	1	Bytes	A1	Use File 027 Type Code
<del>Coverage Codes,</del>					
Octas of thin ice	63	1	Bytes	A1	Use File 027 Coverage Code
<del>Octas of moderate ice</del> <i>Characteristics of thin ice</i>	64	1	Bytes	A1	Use File 027 <del>Coverage Code</del> <i>Ice Characteristics</i>
<del>Octas of heavy ice</del> <i>medium</i>	65	1	Bytes	A1	Use File 027 Coverage Code
<del>Ice Characteristics Code,</del>					
<del>of the second of medium ice coverage</del> <i>Characteristics of the second of medium ice coverage</i>	66	1	Bytes	A1	Use File 027 Ice Characteristics Code
<del>of the greatest coverage</del> <i>Octas of heavy ice</i>	67	1	Bytes	A1	Use File 027 <del>Ice Characteristics Code</del> <i>Coverage Code</i>
<del>Char. of heavy ice</del>	68	1	Bytes	A1	<del>Code File 027 Ice Char. Code</del>
Deformation Code	69	1	Bytes	A1	Use File 027 Deformation Code
Transect Width Code	70	1	Bytes	A1	Use File 027 Transect Width Code
Blank	71	11	Bytes	11X	

\* Tide Height - Given in tenths of the Diurnal Range for nearest prediction location. Ref. Tide Tables - High and Low water predictions, National Ocean Survey, NOAA, U.S. Dept. of Commerce. This provides information as to the actual stage of the tide.

Example

If the Diurnal Range for a given area is 20 feet and the predicted height + is eight feet for a falling tide, then the coded entry would be (-.04).

\* See page 185-186 of the Tide Table for computation of predicted height for any time.

*17 Feb 77  
verbal change  
w/ Mike Cross -  
25 same as 026  
9 digit code  
K7*



4. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Type	1	3	Bytes	A3	Always '025'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
Specimen Number	11	10	Bytes	A10	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	I5	
Taxonomic Code	26	10	Bytes	5A2	
Sub Species	36	2	Bytes	A2	
Sex Code	38	1	Bytes	A1	
Accompanied by Pup	39	1	Bytes	A1	Use Decision Code
Mammal Lactating	40	1	Bytes	A1	Use Decision Code
Mammal Sunk	41	1	Bytes	A1	Use Decision Code (N = Floated)
Group Size	42	4	Bytes	I4	Whole number
Collection Method Code	46	1	Bytes	A1	Use File 027 Collection Method Code
Weight of Hide and Blubber	47	6	Bytes	I6	To whole grams
Curvilinear Length	53	4	Bytes	I4	Centimeters to tenths
Axillary Girth	57	4	Bytes	I4	Centimeters to tenths
Maximum Girth	61	4	Bytes	I4	Centimeters to tenths
Front Flipper Length	65	3	Bytes	I3	Centimeters to tenths
Front Flipper Width	68	3	Bytes	I3	Centimeters to tenths
Hind Flipper Length	71	3	Bytes	I3	Centimeters to tenths
Hind Flipper Width	74	3	Bytes	I3	Centimeters to tenths
Blar	77	4	Bytes	4X	

RECORD FORMAT DESCRIPTION

13-31-72  
5

RECORD NAME Physical 2 (Marine Mammal Specimen)

FIELD NAME	15. POSITION FROM-1 MEASURED IN BYTES (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '027' <i>025</i>
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Specimen Number	11	10	Bytes	A10	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	I5	
Navel to Anus Length	26	3	Bytes	I3	Centimeters to tenths
Penis to Anus Length	29	4	Bytes	I4	Centimeters to tenths
Tail Length	33	3	Bytes	I3	Centimeters to tenths
Flubber Thickness, Sternum	36	3	Bytes	I3	Centimeters to tenths
Flubber Thickness, Chest	39	3	Bytes	I3	Centimeters to tenths
Neck Circumference	42	3	Bytes	I3	Centimeters to tenths
Stomach Condition Empty	46	1	Bytes	A1	Use Decision Code (N = Has Contents)
<del>Blank</del>	<del>47</del>	<del>34</del>	<del>Bytes</del>	<del>34X</del>	
Gross Weight	47	7		I7	Whole grams
Standard Length	54	4		I4	Cm to 0.01
Blank	58	23			

RECORD FORMAT DESCRIPTION

3-51-76  
6

RECORD NAME Age-Reproductive - Male (Marine Mammal Specimen)

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (col., bit, Bytes)	16. LENGTH		17. ATTRIB. YES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '025'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '4'
Specimen Number	11	10	Bytes	A10	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	I5	
Age	26	2	Bytes	I2	Whole units
Age Unit Code	28	1	Bytes	A1	blank - no information (only if age is blank) '1'- years '2'- months
Age Determination Technique	29	1	Bytes	A1	blank - no information '1'- Claw rings '2'- Dentine annuli '3'- Cementum annuli '4'- Estimated
BL	30	1	Bytes	IX	
Baculum Length	31	3	Bytes	I3	To whole millimeters
Baculum Weight	34	5	Bytes	I5	To tenths of grams
Testes Weight with Epididymis	39	5	Bytes	I5	To tenths of grams
Testes Weight without Epididymis	44	5	Bytes	I5	To tenths of grams
Testes Volume	49	5	Bytes	I5	To tenths of cubic centimeters
Testis #1 Length	54	3	Bytes	I3	To whole millimeters
Width	57	3	Bytes	I3	To whole millimeters
Testis #2 Length	60	3	Bytes	I3	To whole millimeters
Width	63	3	Bytes	I3	To whole millimeters

RECORD FORMAT DESCRIPTION

3-21-76

REGRO NAME Age-Reproductive- Male, Continued (Marine Mammal Specimen)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN BYTES <small>(e.g., bit, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Presence of Sperm in Epididymis	66	1	Bytes	A1	blank - no information '1' - none found '2' - trace '3' - abundant
Sperm Method of Determination	67	1	Bytes	A1	blank - no information '1' - smear '2' - cross section of epididymis
Blank	68	13	Bytes	13X	

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bit, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Age Type	1	3	Bytes	A3	Always '025'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '5'
Specimen Number	11	10	Bytes	A10	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	I5	
Age	26	2	Bytes	I2	Whole units
Age Unit Code	28	1	Bytes	A1	blank -- no information '1' - years '2' - months
Age Determination Techniques	29	1	Bytes	A1	blank - no information '1' - Claw rings '2' - Dentine annuli '3' - Cementum annuli '4' - Estimated
Blank	30	1	Bytes	IX	
Reproductive Status Code	31	1	Bytes	A1	blank - no information '0' - indeterminable '1' - nulliparous '2' - primiparous '3' - multiparous
Reproductive Condition Code	32	1	Bytes	A1	blank - no information '0' - indeterminable '1' - not pregnant '2' - unimplanted pregnant '3' - implanted pregnant '4' - postartum '5' - aborted '6' - proestrous '7' - estrous '8' - resorption
Number of Fetuses	33	1	Bytes	I1	
Ovary Weight (combined)	34	4	Bytes	I4	To tenths of grams
Number of Corpora Lutea	38	1	Bytes	I1	

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., dist, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Diameter of Largest Corpora Lutea	39	2	Bytes	I2	To whole millimeters
Number of Corpora Albicantia	41	1	Bytes	I1	
Diameter of Largest Corpora Albicantia	42	2	Bytes	I2	To whole millimeters
Number of Follicles Greater than 5 mm in diameter	44	1	Bytes	I1	
Diameter of Largest Follicle	45	2	Bytes	I2	To whole millimeters
Number of Uterine Scars	47	1	Bytes	I1	
Blank	48	33	Bytes	33X	

RECORD FORMAT DESCRIPTION

RECORD NAME Stomach Contents (Marine Mammal Specimen)

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '025'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '6'
Specimen Number	11	10	Bytes	A10	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	I5	
Weight of Full Stomach	26	6	Bytes	I6	To tenths of grams
Weight of Empty Stomach	32	5	Bytes	I5	To tenths of grams
Weight of Food Contents	37	6	Bytes	I6	To tenths of grams
Total Volume of Contents	43	6	Bytes	I6	To tenths of cubic centimeters
Blank	49	32	Bytes	32X	

RECORD FORMAT DESCRIPTION

RECORD NAME Stomach Content Species (Marine Mammal Specimen)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '025'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '7'
Specimen Number	11	10	Bytes	A10	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	I5	
Taxonomic Code	26	10	Bytes	5A2	
Sub Species	36	2	Bytes	A2	
Life History Code	38	1	Bytes	A1	
Miscellaneous Stomach Contents Code	39	2	Bytes	A2	
Number of Items Identified	41	4	Bytes	I4	
Weight of Items Identified	45	6	Bytes	I6	Cubic Centimeters to tenths
Weight of Items Identified	51	6	Bytes	I6	In grams to tenths
Mean Length of Items Identified	57	4	Bytes	I4	To whole millimeters
Maximum Length of Item Identified	61	4	Bytes	I4	To whole millimeters
Minimum Length of Item Identified	65	4	Bytes	I4	To whole millimeters
Blank Digestive Organ Code (Feb 77) Blank	69 70	12	Bytes	12X	blank = stomach 1 = intestine 2 = lng. int 3 = sm int



16. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes  (000, 500, 5000)	18. LENGTH		17. ATTRIBUTES	19. USE AND PRINTING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '025'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '8'
Specimen Number	11	10	Bytes	A10	Analogous to MODC Station Number
Sequence Number	21	5	Bytes	I5	
Text	26	55	Bytes	55A1	Any alphanumeric information

DATA DOCUMENTATION FORM

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Alaska Dept, of Fish and Game 1300 College Road Fairbanks, Alaska 99701			
R.U.# 230 & 231 & 232			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Outer Continental Shelf Energy Program		File Identifiers 676NOM  (from 760606)	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
For File ident.  676NOM LAND SURVEY		PLATFORM OPERATOR	FROM: MO, DAY, YR TO: MO, DAY, YR
			01 23 06/03/76 06/20/76
8. ARE DATA PROPRIETARY?		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
<input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/> YES		DATA COLLECTED AT NOME	
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)			
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Lynn Vaughan K. FROST			

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Curvilinear Length	cm	N/A	Measured over curvature of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Axillary Girth	cm	N/A	Taken around the body immediately behind fore-flipper.	
Maximum Girth	cm	N/A	The largest circumference around the abdomen.	
Front Flipper Length	cm	N/A	The distance along the anterior border of the forelimb from the axilla to the tip of the longest digit (not claw).	
Front Flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Hind Flipper Length	cm	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Naval to Anus Length	cm	N/A	The curvilinear distance from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in females.	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the anterior notch of the anus.	
Tail Length	cm	N/A	Measured from the externally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volume	cubic cm	N/A	Water displacement	
Testes #1 Length	mm	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm	N/A	" "	
Testes #2 Length	mm	N/A	" "	
Testes #2 Width	mm	N/A	" "	

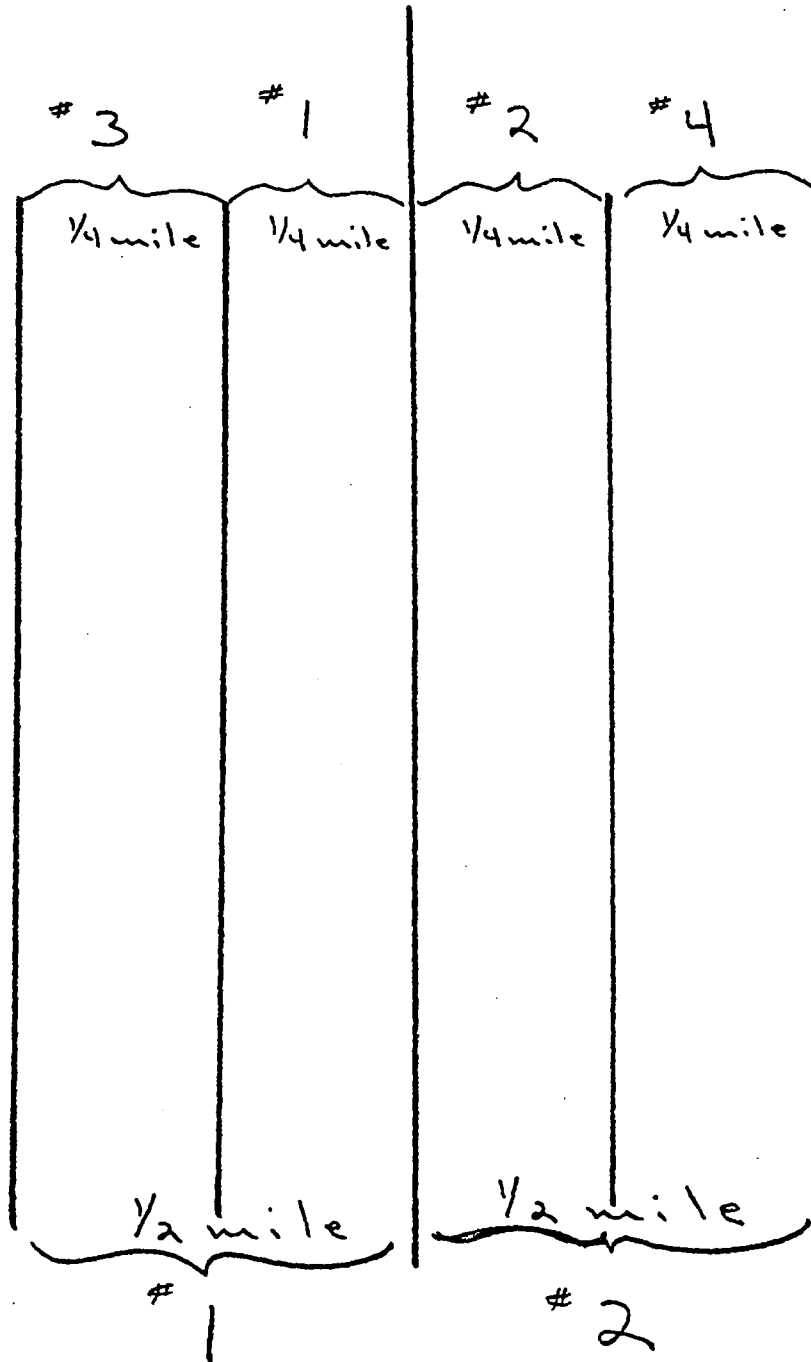
NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Presence of Sperm in Epididymis	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide and examined under 78X of 300X magnification.	

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Weight of full stomach	grams	Model # PL-2 Torsion Balance	Each stomach trimmed of excess esophagal and small intestine tissue. <i>and weighed</i>	N/A
Weight of empty stomach	grams	" "	Stomachs emptied of their contents and weighed intact.	" "
Weight of stomach contents	grams	" "	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	" "
Number of <sup>items</sup> prey species identified	numeric	N/A	Manual sorting and counting.	" "
Volume of <sup>items</sup> prey items identified	ml	Graduated cylinder	Water displacement	" "
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	" "
Maximum length of prey item identified	mm	Ruler	Prey itemSheld along side of a ruler.	" "
Minimum length of prey item identified	mm	Ruler	Prey itemSheld along side of a ruler.	" "

Transect

Layout



C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

For File type 025 record types # 1,2,3,6,7,& 8 are being submitted. These are labeled as file ident. 760232 and 760606.

File type 026, file ident. 01T076 has record types # 1,2,3,4,5,& 6.  
FILE TYPE ON TAPE IS MISLABELED '127'.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Four file identifiers are being submitted on this tape. They are, in order, 760232, 760606, 01T076, & 01DC76. 01DC76 is documented separately.

DATA FROM FILE ID 760606 SEQUENCE # 153-216 and 1152-1207 HAVE A NEW FILE ID OF 676NOM.

3. ATTRIBUTES AS EXPRESSED IN  PL-1  ALGOL  COBOL  
 FORTRAN  \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST: Jim Baldrige 907-479-7347  
NAME AND PHONE NUMBER  
ADDRESS Geophysical Institute University of Alaska 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><del>230, 231, 232 025 &amp; 026</del>  <del>760323, 760606, 01T076</del>  <del>05/75 - 06/76 Vaughan, L</del>  <del>7-track, 800 BPI, BCD</del>  <del>025 FROST RU 230</del>  <del>2-9-77 1 Reel Replaces all data</del></p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>80</p> <p>13. LENGTH OF BYTES IN BITS</p>



DATA DOCUMENTATION FORM

77-0220

TR0535

NOAA FORM 24-13 (72)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

FORM APPROVED  
O.M.B. No. 41-R2651

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Alaska Dept, of Fish and Game 1300 College Road Fairbanks, Alaska 99701		R.U.# 230 & 231 & 232	
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Outer Continental Shelf Energy Program		File Identifiers 676GAM  (from 760606)	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR	7. DATES
For File ident. 676GAM LAND SURVEY		NATIONALITY(IES)	
		PLATFORM	OPERATOR
		FROM: MO, DAY, YR	TO: MO, DAY, YR
			05/11/76 06/06/76
8. ARE DATA PROPRIETARY?		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
<input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/> YES		DATA COLLECTED AT GAMBELL.	
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)			
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Lynn Vaughan K. FROST			

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Curvilinear Length	cm	N/A	Measured over curvature of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Axillary Girth	cm	N/A	Taken around the body immediately behind fore-flipper.	
Maximum Girth	cm	N/A	The largest circumference around the abdomen.	
Front Flipper Length	cm	N/A	The distance along the anterior border of the forelimb from the axilla to the tip of the longest digit (not claw).	
Front Flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Hind Flipper Length	cm	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Naval to Anus Length	cm	N/A	The curvilinear distance from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in females.	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the anterior notch of the anus.	
Tail Length	cm	N/A	Measured from the externally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volume	cubic cm	N/A	Water displacement	
Testes #1 Length	mm	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm	N/A	"	"
Testes #2 Length	mm	N/A	"	"
Testes #2 Width	mm	N/A	"	"

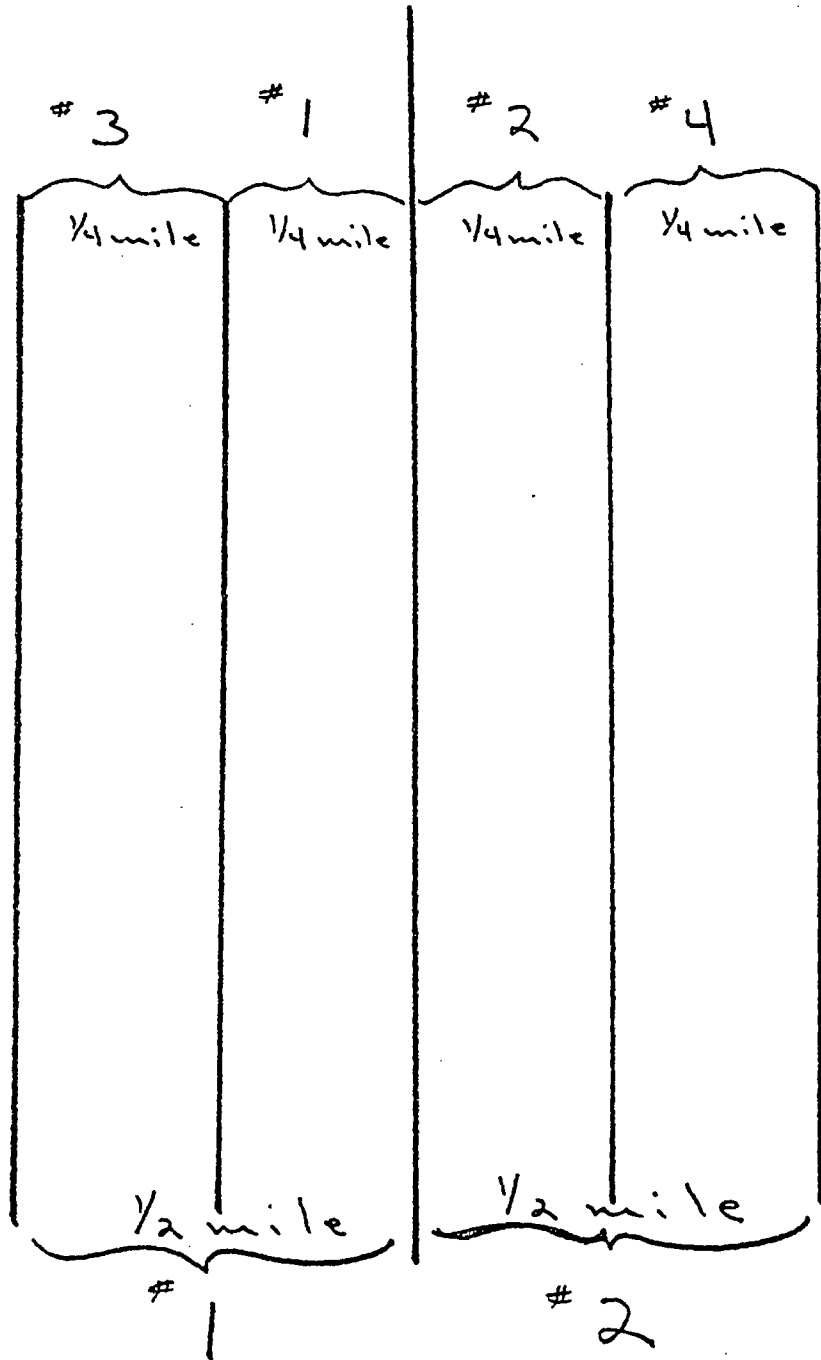
NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Presence of Sperm in Epididymis	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide and examined under 78X of 300X magnification.	

## B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Weight of full stomach	grams	Model # PL-2 Torsion Balance	Each stomach trimmed of excess esophagus and small intestine tissue. <i>and weighed</i>	N/A
Weight of empty stomach	grams	" "	Stomachs emptied of their contents and weighed intact.	" "
Weight of stomach contents	grams	" "	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	" "
Number of <sup>items</sup> prey species identified	numeric	N/A	Manual sorting and counting.	" "
Volume of <sup>items</sup> prey items identified	ml	Graduated cylinder	Water displacement	" "
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	" "
Maximum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "
Minimum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "

Transect

Layout



C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

For File type 025 record types # 1,2,3,6,7,& 8 are being submitted. These are labeled as file ident. 760232 and 760606.

File type 026, file ident. 01T076 has record types # 1,2,3,4,5,& 6.  
FILE TYPE ON TAPE IS MISLABELED '027'.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Four file identifiers are being submitted on this tape. They are, in order, 760232, 760606, 01T076, & 01DC76. 01DC76 is documented separately.

DATA FROM FILE ID 760606 SEQUENCE # 77-152 and 1248-1339 HAVE A NEW FILE ID OF 676GAM.

3. ATTRIBUTES AS EXPRESSED IN  PL-1  ALGOL  COBOL  
 FORTRAN  \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST: Jim Baldrige 907-479-7347  
NAME AND PHONE NUMBER  
ADDRESS Geophysical Institute University of Alaska 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><del>830, 231, 232 025 &amp; 026</del>  <del>760232, 760606, 01T076</del>  <del>05/75 - 06/76 Vaughan, L</del>  <del>7-track, 800 BPI, BCD</del>  <del>025 FROST RU230</del>  <del>2-9-77 1 Reel Replaces all data</del></p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>80</p> <p>13. LENGTH OF BYTES IN BITS</p>

DATA DOCUMENTATION FORM

FORM 24-13

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

FORM APPROVED  
O.M.B. No. 41-R2651

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Alaska Dept, of Fish and Game 1300 College Road Fairbanks, Alaska 99701		R.U.# 230 & <del>231</del> & 232	
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Outer Continental Shelf Energy Program		File Identifiers 376SAV  (from 760606)	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
For File ident. 376SAV LAND SURVEY		PLATFORM OPERATOR	FROM: MO, DAY, YR TO: MO, DAY, YR
			02/29/76 03/27/76
8. ARE DATA PROPRIETARY?		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
<input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/> YES		DATA COLLECTED FROM SAVOONGA.	
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)			
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Lynn Vaughan K. FROST			



NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Curvilinear Length	cm	N/A	Measured over curvature of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Axillary Girth	cm	N/A	Taken around the body immediately behind fore-flipper.	
Maximum Girth	cm	N/A	The largest circumference around the abdomen.	
Front Flipper Length	cm	N/A	The distance along the anterior border of the forelimb from the axilla to the tip of the longest digit (not claw).	
Front Flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Hind Flipper Length	cm	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Naval to Anus Length	cm	N/A	The curvilinear distance from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in females.	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the anterior notch of the anus.	
Tail Length	cm	N/A	Measured from the externally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volume	cubic cm	N/A	Water displacement	
Testes #1 Length	mm	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm	N/A	"	"
Testes #2 Length	mm	N/A	"	"
Testes #2 Width	mm	N/A	"	"

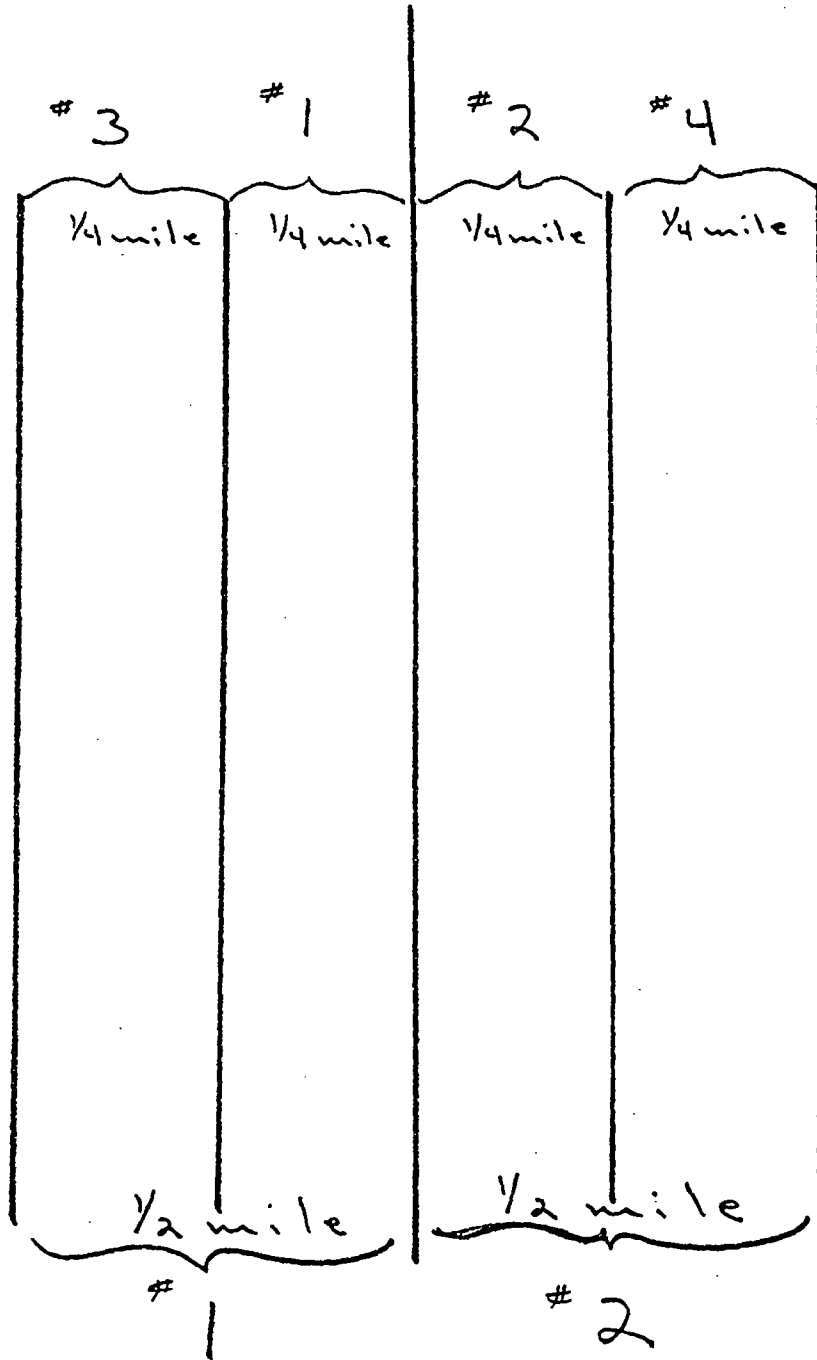
NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Presence of Sperm in Epididymis	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide and examined under 78X of 300X magnification.	

## B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Weight of full stomach	grams	Model # PL-2 Torsion Balance	Each stomach trimmed of excess esophagus and small intestine tissue. <i>and weighed</i>	N/A
Weight of empty stomach	grams	" "	Stomachs emptied of their contents and weighed intact.	" "
Weight of stomach contents	grams	" "	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	" "
Number of <sup>items</sup> species identified	numeric	N/A	Manual sorting and counting.	" "
Volume of <sup>items</sup> prey items identified	ml	Graduated cylinder	Water displacement	" "
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	" "
Maximum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "
Minimum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "

Transect

Layout



C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

For File type 025 record types # 1,2,3,6,7,& 8 are being submitted. These are labeled as file ident. 760232 and 760606.

File type 026, file ident. 01T076 has record types # 1,2,3,4,5,& 6.  
FILE TYPE ON TAPE IS MISLABELED '27'.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Four file identifiers are being submitted on this tape. They are, in order, 760232, 760606, 01T076, & 01DC76. 01DC76 is documented separately.

DATA FROM FILE ID 760606 SEQUENCE # 217-241 and 725-796 HAVE A NEW FILE ID OF 376SAV.

3. ATTRIBUTES AS EXPRESSED IN

PL-1     ALGOL     COBOL  
 FORTRAN     \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Jim Baldrige 907-479-7347  
ADDRESS Geophysical Institute University of Alaska 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD    <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII    <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><del>230, 231, 232 025 &amp; 026</del> <del>760323, 760606, 01T076</del> <del>05/75 06/76 Vaughan, L</del> <del>2 track, 800 BPI, BCD</del> <del>025 FKOST RV230</del> <del>2-9-77 1 Reel Replaces all data</del></p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI    <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>_____</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

DATA DOCUMENTATION FORM

FORM 24-13

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

FORM APPROVED  
O.M.B. No. 41-R2651

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Alaska Dept, of Fish and Game  
1300 College Road  
Fairbanks, Alaska 99701

R.U.# 230 & ~~231~~ & 232

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Outer Continental Shelf  
Energy Program

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

File Identifiers 576PTH

(from 760606)

4. PLATFORM NAME(S)

For File ident.  
576PTH  
LAND SURVEY

5. PLATFORM TYPE(S)  
(E.G., SHIP, BUOY, ETC.)

6. PLATFORM AND OPERATOR

7. DATES

PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR
		03/07/76	05/27/76

8. ARE DATA PROPRIETARY?

NO  YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

DATA COLLECTED FROM PT. HOPE.

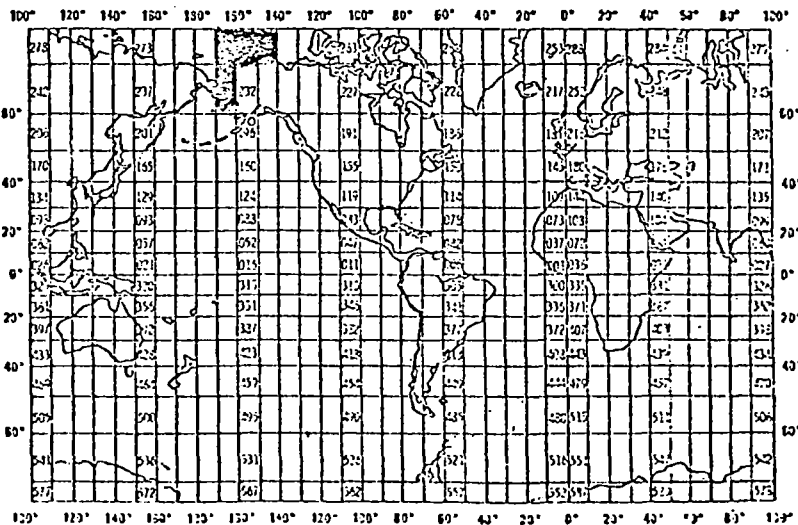
GENERAL AREA

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?  
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

NO  YES  PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

~~Lynn Vaughan~~  
K. FROST



NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Curvilinear Length	cm	N/A	Measured over curvature of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Axillary Girth	cm	N/A	Taken around the body immediately behind fore-flipper.	
Maximum Girth	cm	N/A	The largest circumference around the abdomen.	
Front Flipper Length	cm	N/A	The distance along the anterior border of the forelimb from the axilla to the tip of the longest digit (not claw).	
Front Flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	



NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Hind Flipper Length	cm	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Naval to Anus Length	cm	N/A	The curvilinear distance from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in females.	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the anterior notch of the anus.	
Tail Length	cm	N/A	Measured from the externally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volume	cubic cm	N/A	Water displacement	
Testes #1 Length	mm	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm	N/A	"	"
Testes #2 Length	mm	N/A	"	"
Testes #2 Width	mm	N/A	"	"

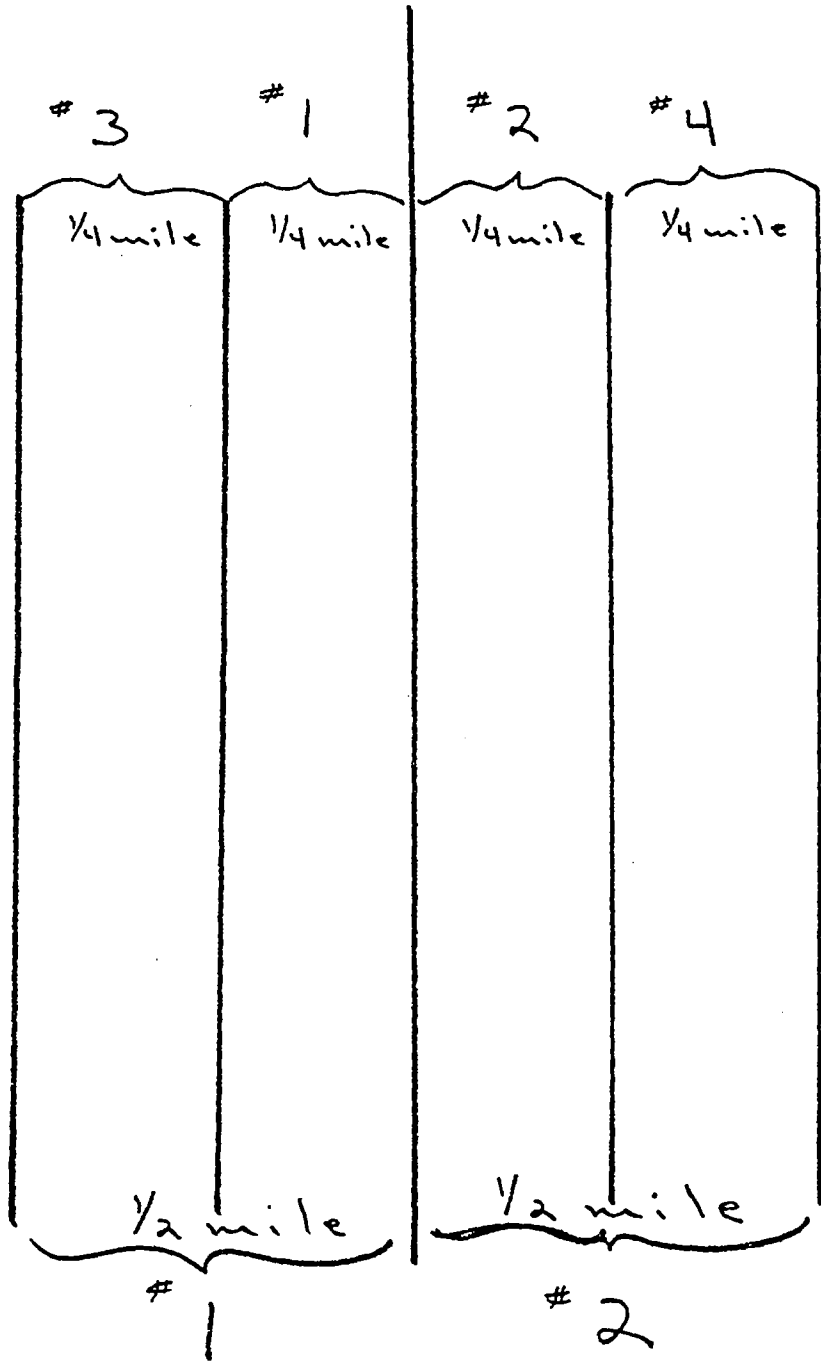
NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Presence of Sperm in Epididymis	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide and examined under 78X of 300X magnification.	

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Weight of full stomach	grams	Model # PL-2 Torsion Balance	Each stomach trimmed of excess esophagal and small intestine tissue. <i>and weighed</i>	N/A
Weight of empty stomach	grams	" "	Stomachs emptied of their contents and weighed intact.	" "
Weight of stomach contents	grams	" "	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	" "
Number of prey <sup>items</sup> species identified	numeric	N/A	Manual sorting and counting.	" "
Volume of prey <sup>items</sup> identified	ml	Graduated cylinder	Water displacement	" "
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	" "
Maximum length of prey item identified	mm	Ruler	Prey itemSheld along side of a ruler.	" "
Minimum length of prey item identified	mm	Ruler	Prey itemSheld along side of a ruler.	" "

Transect

Layout



C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

For file type 025 record types # 1,2,3,6,7,& 8 are being submitted. These are labeled as file ident. 760232 and 760606.

File type 026, file ident. 01T076 has record types # 1,2,3,4,5,& 6.  
FILE TYPE ON TAPE IS MISLABELED '27'.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Four file identifiers are being submitted on this tape. They are, in order, 760232, 760606, 01T076, & 01DC76. 01DC76 is documented separately.

DATA FROM FILE ID 760606 SEQUENCE # 466-716 and 1024-1151 HAVE A NEW FILE ID OF 576PTH.

3. ATTRIBUTES AS EXPRESSED IN  PL-1  ALGOL  COBOL  
 FORTRAN  \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST: Jim Baldrige 907-479-7347  
NAME AND PHONE NUMBER  
ADDRESS Geophysical Institute University of Alaska 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><del>230, 232 025 &amp; 026</del>  <del>760323, 760606, 01T076</del>  <del>05/75 - 06/76 Vaughan, L</del>  <del>2 track, 800 BPI, BCD</del>  <del>025 FROST RU 230</del>  <del>2-9-77 1 Reel Replaces all data</del></p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 356 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>_____</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

DATA DOCUMENTATION FORM

77-0220

TR0538

NOAA FORM 24-13

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

FORM APPROVED  
O.M.B. No. 41-R2651

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Alaska Dept, of Fish and Game  
1300 College Road  
Fairbanks, Alaska 99701

R.U.# 230 & 231 & 232

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Outer Continental Shelf  
Energy Program

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

File Identifiers 476CLI

(from 760606)

4. PLATFORM NAME(S)  
For File ident.

476CLI  
LAND SURVEY

5. PLATFORM TYPE(S)  
(E.G., SHIP, BUOY, ETC.)

6. PLATFORM AND OPERATOR NATIONALITY(IES)

7. DATES

PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR
		03/10/76	04/20/76

8. ARE DATA PROPRIETARY?

NO  YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

DATA COLLECTED FROM CAPE LISBURNE.

GENERAL AREA

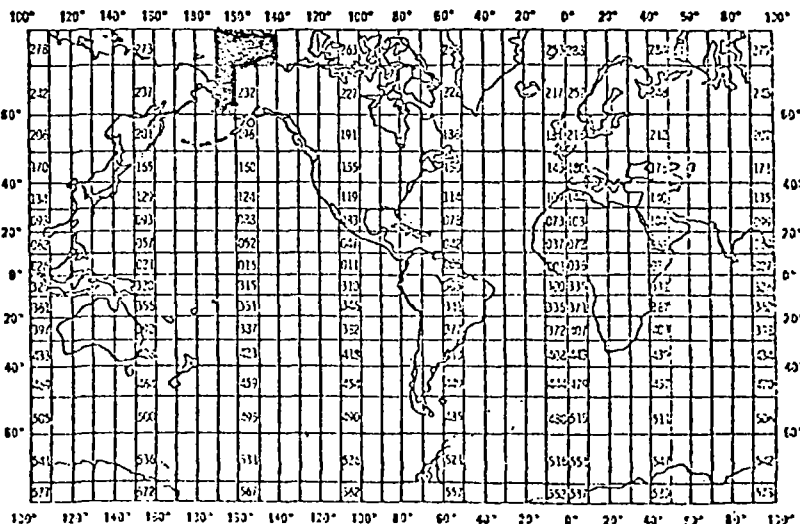
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

NO  YES  PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

Lynn Vaughan  
K. FROST



NAME DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Curvilinear Length	cm	N/A	Measured over curvature of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Axillary Girth	cm	N/A	Taken around the body immediately behind fore-flipper.	
Maximum Girth	cm	N/A	The largest circumference around the abdomen.	
Front Flipper Length	cm	N/A	The distance along the anterior border of the forelimb from the axilla to the tip of the longest digit (not claw).	
Front Flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Hind Flipper Length	cm	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Naval to Anus Length	cm	N/A	The curvilinear distance from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in females.	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the anterior notch of the anus.	
Tail Length	cm	N/A	Measured from the externally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volume	cubic cm	N/A	Water displacement	
Testes #1 Length	mm	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm	N/A	"	"
Testes #2 Length	mm	N/A	"	"
Testes #2 Width	mm	N/A	"	"

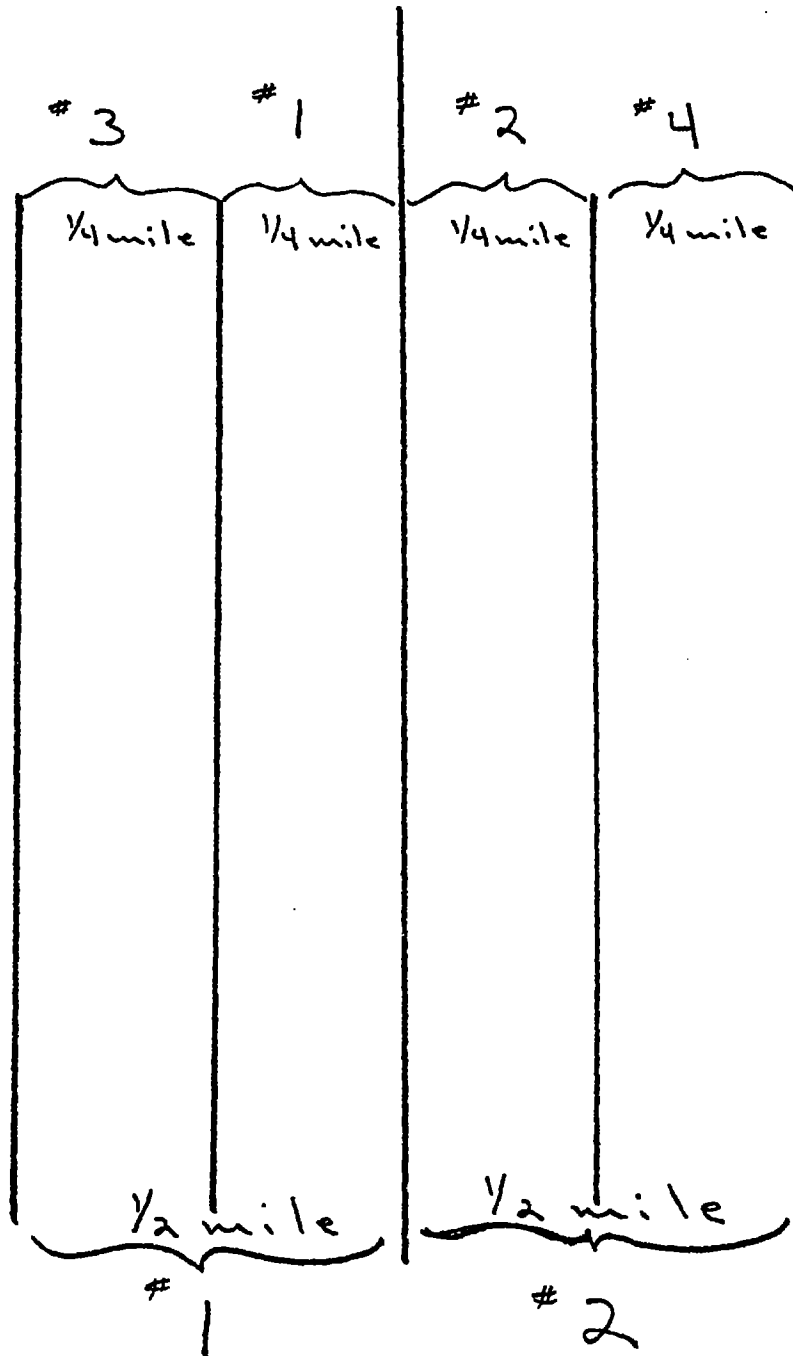


NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Presence of Sperm in Epididymis	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide and examined under 78X of 300X magnification.	

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Weight of full stomach	grams	Model # PL-2 Torsion Balance	Each stomach trimmed of excess esophagus and small intestine tissue. <i>and weighed</i>	N/A
Weight of empty stomach	grams	" "	Stomachs emptied of their contents and weighed intact.	" "
Weight of stomach contents	grams	" "	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	" "
Number of <sup>items</sup> prey species identified	numeric	N/A	Manual sorting and counting.	" "
Volume of <sup>items</sup> prey items identified	ml	Graduated cylinder	Water displacement	" "
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	" "
Maximum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "
Minimum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "

# Transect Layout



C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

For File type 025 record types # 1,2,3,6,7,& 8 are being submitted. These are labeled as file ident. 760232 and 760606.  
File type 026, file ident. 01T076 has record types # 1,2,3,4,5,& 6.  
FILE TYPE ON TAPE IS MISLABELED '27'.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Four file identifiers are being submitted on this tape. They are, in order, 760232, 760606, 01T076, & 01DC76. 01DC76 is documented separately.

DATA FROM FILE ID 760606 SEQUENCE # 357-458 HAVE A NEW FILE ID OF 476CLI.

3. ATTRIBUTES AS EXPRESSED IN  PL-1  ALGOL  COBOL  
 FORTRAN  \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST: Jim Baldrige 907-479-7347  
NAME AND PHONE NUMBER  
ADDRESS Geophysical Institute University of Alaska 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><del>230, 231, 232 025 &amp; 026</del>  <del>760323, 760606, 01T076</del>  <del>05/75 - 06/76 Vaughan, L</del>  <del>2-track, 800 BPI, BCD</del>          025 FROST RU 230          2-9-77 1 Reel Replaces all data</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>80</p> <p>13. LENGTH OF BYTES IN BITS</p>

DATA DOCUMENTATION FORM

NOAA FORM 24-13 (4-72)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

FORM APPROVED  
O.M.B. No. 41-R2651

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Alaska Dept, of Fish and Game 1300 College Road Fairbanks, Alaska 99701		R.U.# 230 & <del>231</del> & 232	
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Outer Continental Shelf Energy Program		File Identifiers 876BAR  (from 760606)	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
For File ident. 876BAR  LAND SURVEY		PLATFORM OPERATOR	FROM: MO, DAY, YR TO: MO, DAY, YR
			05/06/76 11 15 08/07/76
8. ARE DATA PROPRIETARY?		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
<input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		DATA COLLECTED AT BARROW GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)			
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Lynn Vaughan K. FROST			

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Curvilinear Length	cm	N/A	Measured over curvature of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Axillary Girth	cm	N/A	Taken around the body immediatly behind fore-flipper.	
Maximum Girth	cm	N/A	The largest circumference around the abdomen.	
Front Flipper Length	cm	N/A	The distance along the anterior border of the forelimb from the axilla to the tip of the longest digit (not claw).	
Front Flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Hind Flipper Length	cm	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Naval to Anus Length	cm	N/A	The curvilinear distance from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in females.	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the anterior notch of the anus.	
Tail Length	cm	N/A	Measured from the externally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volume	cubic cm	N/A	Water displacement	
Testes #1 Length	mm	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm	N/A	"	"
Testes #2 Length	mm	N/A	"	"
Testes #2 Width	mm	N/A	"	"

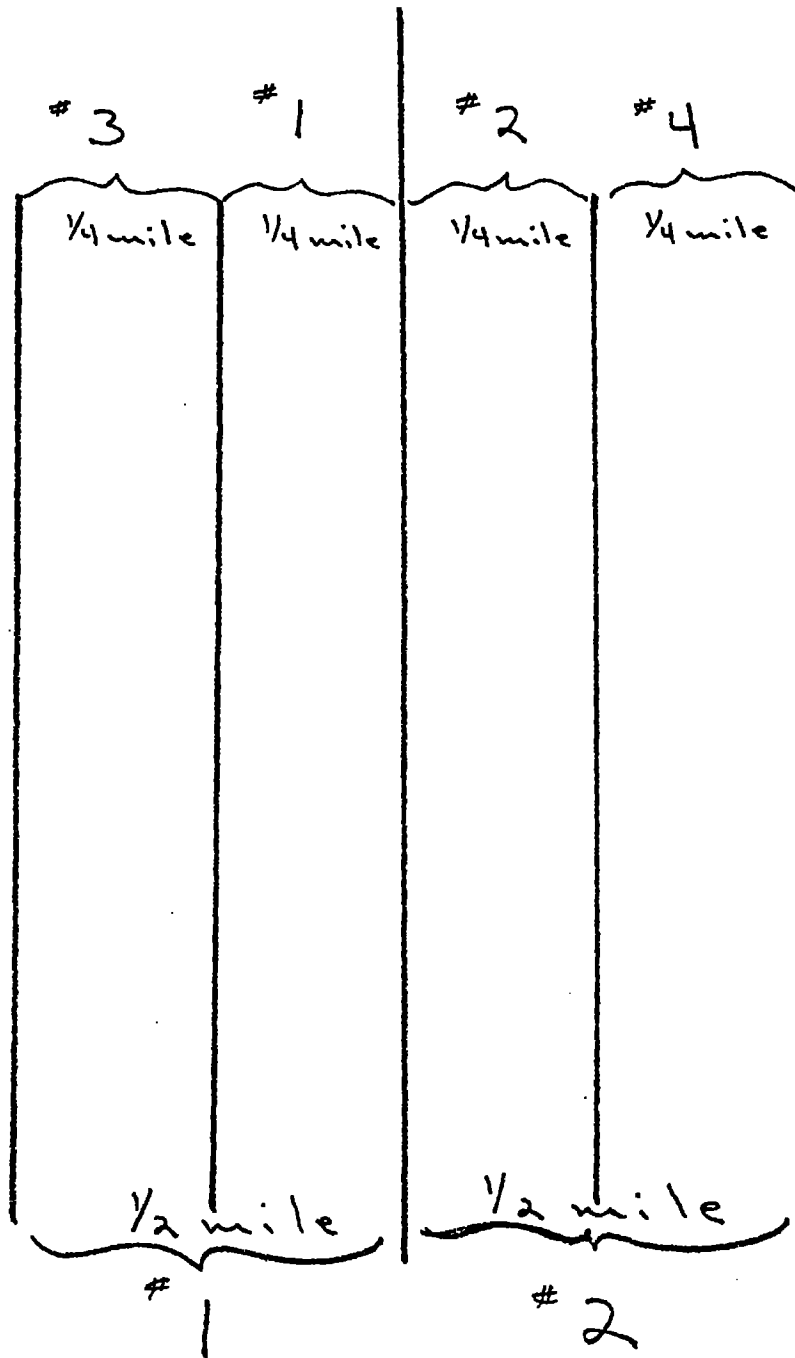
NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Presence of Sperm in Epididymis	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide and examined under 78X of 300X magnification.	



B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Weight of full stomach	grams	Model # PL-2 Torsion Balance	Each stomach trimmed of excess esophagal and small intestine tissue. <i>and weighed</i>	N/A
Weight of empty stomach	grams	" "	Stomachs emptied of their contents and weighed intact.	" "
Weight of stomach contents	grams	" "	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	" "
Number of <i>items</i> species identified	numeric	N/A	Manual sorting and counting.	" "
Volume of <i>items</i> prey items identified	ml	Graduated cylinder	Water displacement	" "
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	" "
Maximum length of prey item identified	mm	Ruler	Prey itemSheld along side of a ruler.	" "
Minimum length of prey item identified	mm	Ruler	Prey itemSheld along side of a ruler.	" "

# Transect Layout



C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

For File type 025 record types # 1,2,3,6,7,& 8 are being submitted. These are labeled as file ident. 760232 and 760606.  
File type 026, file ident. 01T076 has record types # 1,2,3,4,5,& 6.  
FILE TYPE ON TAPE IS MISLABELED '27'.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Four file identifiers are being submitted on this tape. They are, in order, 760232, 760606, 01T076, & 01DC76. 01DC76 is documented separately.

DATA FROM FILE ID 760606 SEQUENCE # 1-76 and 1208-1240 HAVE A NEW FILE ID OF 876BAR.

3. ATTRIBUTES AS EXPRESSED IN

PL-1     ALGOL     COBOL  
 FORTRAN     \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Jim Baldrige 907-479-7347  
ADDRESS Geophysical Institute University of Alaska 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD    <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII    <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><del>230, 231, 232 025 &amp; 026 760323, 760606, 01T076 05/75 - 06/76 Vaughan, L 2-track, 800 BPI, BCD 025 Frost RV 230 2-9-77 1 Reel Replaces all data</del></p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI    <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES _____ 13. LENGTH OF BYTES IN BITS _____</p>

DATA DOCUMENTATION FORM

77-0220  
TRO 540

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Alaska Dept, of Fish and Game 1300 College Road Fairbanks, Alaska 99701		R.U.# 230 & <del>231</del> & 232	
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Outer Continental Shelf Energy Program		File Identifiers 576SUV <i>(from 760606)</i>	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
For File ident: 576SUV SURVEYOR: Legs IA, IIA	SHIP	PLATFORM OPERATOR	FROM: MO, DAY, YR TO: MO, DAY, YR
		US US	03/19/76 05/01/76
8. ARE DATA PROPRIETARY?		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
<input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/> YES		DATA COLLECTED FROM THE BERING SEA. GENERAL AREA	
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____			
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)			
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Lynn Vaughan K. FROST			

NAME DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Curvilinear Length	cm	N/A	Measured over curvature of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Axillary Girth	cm	N/A	Taken around the body immediately behind fore-flipper.	
Maximum Girth	cm	N/A	The largest circumference around the abdomen.	
Front Flipper Length	cm	N/A	The distance along the anterior border of the forelimb from the axilla to the tip of the longest digit (not claw).	
Front Flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Hind Flipper Length	cm	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Naval to Anus Length	cm	N/A	The curvilinear distance from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in females.	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the anterior notch of the anus.	
Tail Length	cm	N/A	Measured from the externally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volume	cubic cm	N/A	Water displacement	
Testes #1 Length	mm	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm	N/A	"	"
Testes #2 Length	mm	N/A	"	"
Testes #2 Width	mm	N/A	"	"

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Presence of Sperm in Epididymis	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide and examined under 78X of 300X magnification.	

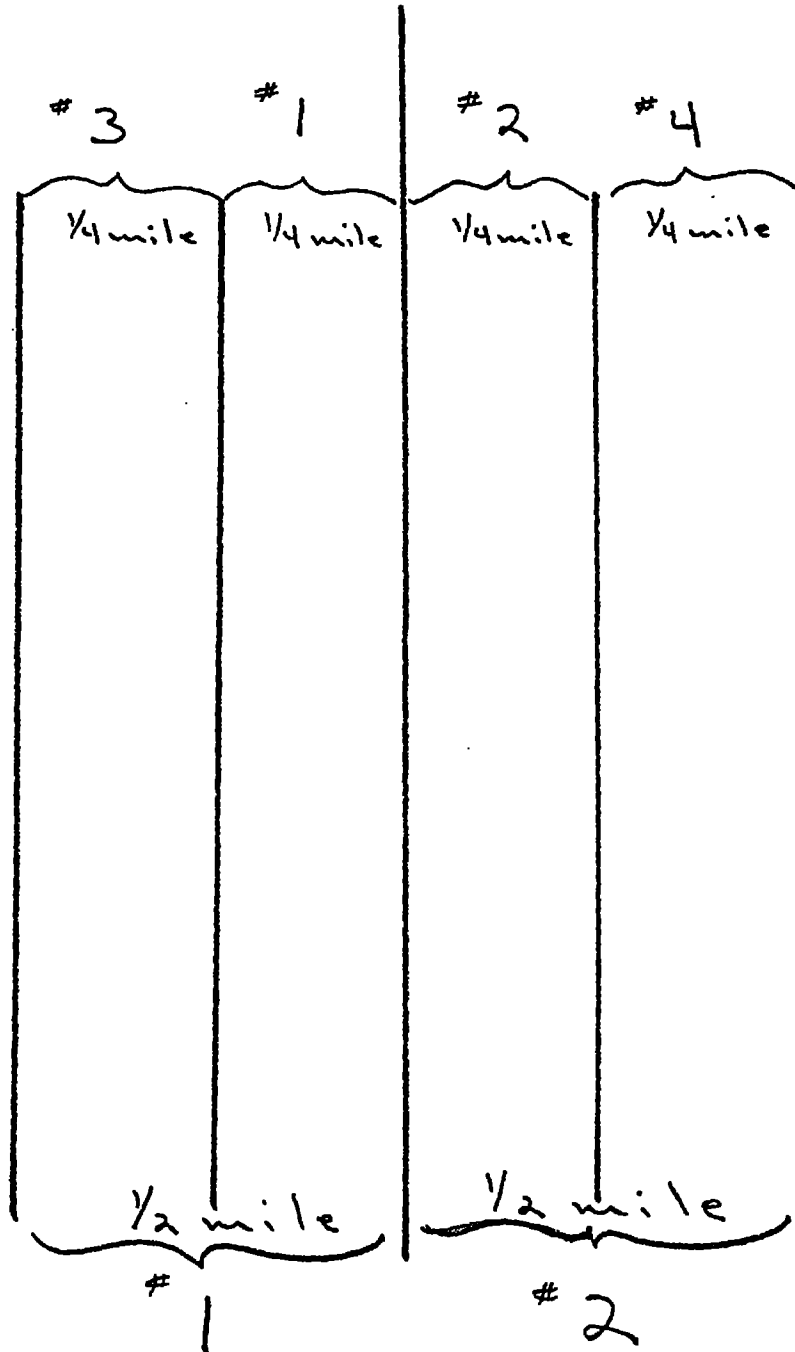
B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Weight of full stomach	grams	Model # PL-2 Torsion Balance	Each stomach trimmed of excess esophagal and small intestine tissue. <i>and weighed</i>	N/A
Weight of empty stomach	grams	" "	Stomachs emptied of their contents and weighed intact.	" "
Weight of stomach contents	grams	" "	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	" "
Number of <sup>items</sup> prey species identified	numeric	N/A	Manual sorting and counting.	" "
Volume of <sup>items</sup> prey items identified	ml	Graduated cylinder	Water displacement	" "
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	" "
Maximum length of prey item identified	mm	Ruler	Prey itemSheld along side of a ruler.	" "
Minimum length of prey item identified	mm	Ruler	Prey itemSheld along side of a ruler.	" "



Transect

Layout



C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

For File type 025 record types # 1,2,3,6,7,& 8 are being submitted. These are labeled as file ident. 760232 and 760606.

File type 026, file ident. 01T076 has record types # 1,2,3,4,5,& 6.  
FILE TYPE ON TAPE IS MISLABELED '27'.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Four file identifiers are being submitted on this tape. They are, in order, 760232, 760606, 01T076, & 01DC76. 01DC76 is documented separately.

DATA FROM FILE ID 760606 sequence # 797-1023 HAVE A NEW FILE ID OF 576SUV.

3. ATTRIBUTES AS EXPRESSED IN  PL-1  ALGOL  COBOL  
 FORTRAN  \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST: Jim Baldrige 907-479-7347  
NAME AND PHONE NUMBER  
ADDRESS Geophysical Institute University of Alaska 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><del>230, 231, 232 025 &amp; 026</del> <del>760323, 760606, 01T076</del> <del>05/75 - 06/76 Vaughan, L</del> <del>2-track, 800 BPI, BCD</del> <del>025 FROST RW 230</del> <del>2-9-77 1 Reel Replaces all data</del></p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES <u>80</u></p> <p>13. LENGTH OF BYTES IN BITS</p>

DATA DOCUMENTATION FORM

NOAA FORM 24-13

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

FORM APPROVED  
O.M.B. No. 41-R2651

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Alaska Dept, of Fish and Game  
1300 College Road  
Fairbanks, Alaska 99701

R.U.# 230 & ~~231~~ & 232

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Outer Continental Shelf  
Energy Program

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

File Identifiers ~~776WAI~~

chg 2/14/77

(from 760606)

4. PLATFORM NAME(S)

For File ident.

776WAI  
LAND SURVEY

5. PLATFORM TYPE(S)  
(E.G., SHIP, BUOY, ETC.)

6. PLATFORM AND OPERATOR NATIONALITY(IES)

7. DATES

PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR
		06/03/76	08 04 07/29/76

8. ARE DATA PROPRIETARY?

NO  YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

DATA COLLECTED FROM WAINWRIGHT  
GENERAL AREA

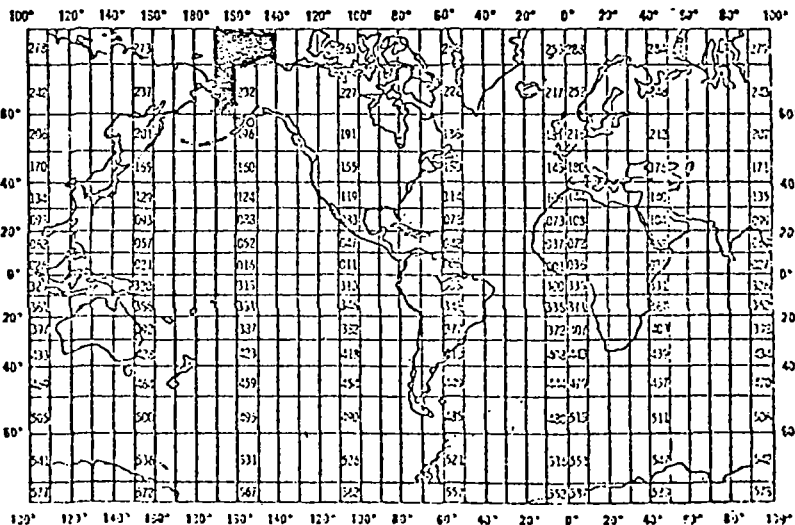
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

NO  YES  PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

Lynn Vaughan  
K. FROST



NAME DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Curvilinear Length	cm	N/A	Measured over curvature of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Axillary Girth	cm	N/A	Taken around the body immediatly behind fore-flipper.	
Maximum Girth	cm	N/A	The largest circumference around the abdomen.	
Front Flipper Length	cm	N/A	The distance along the anterior border of the forelimb from the axilla to the tip of the longest digit (not claw).	
Front Flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	

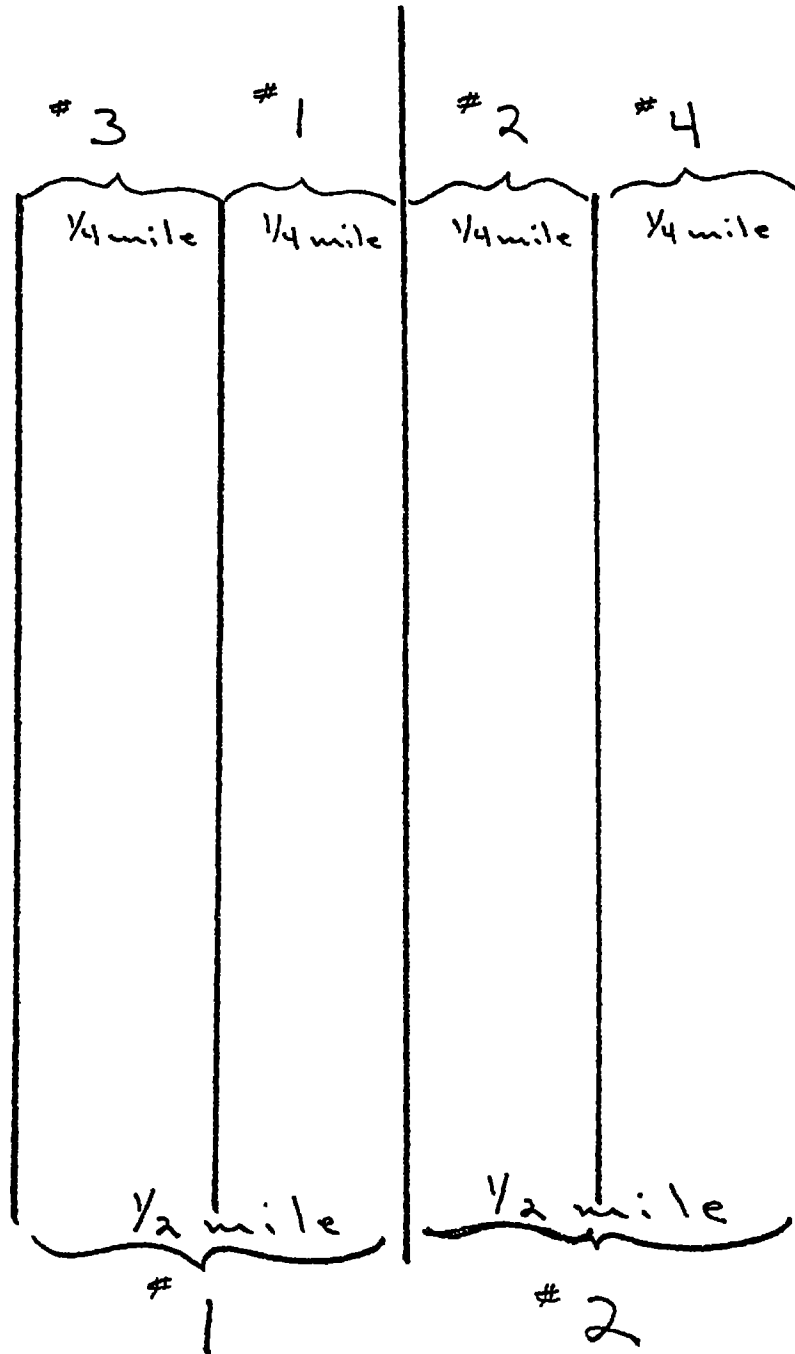
NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Hind Flipper Length	cm	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Naval to Anus Length	cm	N/A	The curvilinear distance from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in females.	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the anterior notch of the anus.	
Tail Length	cm	N/A	Measured from the externally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volume	cubic cm	N/A	Water displacement	
Testes #1 Length	mm	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm	N/A	"	"
Testes #2 Length	mm	N/A	"	"
Testes #2 Width	mm	N/A	"	"

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Presence of Sperm in Epididymis	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide and examined under 78X of 300X magnification.	

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Weight of full stomach	grams	Model # PL-2 Torsion Balance	Each stomach trimmed of excess esophagal and small intestine tissue. <i>and weighed</i>	N/A
Weight of empty stomach	grams	" "	Stomachs emptied of their contents and weighed intact.	" "
Weight of stomach contents	grams	" "	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	" "
Number of <sup>items</sup> prey species identified	numeric	N/A	Manual sorting and counting.	" "
Volume of <sup>items</sup> prey items identified	ml	Graduated cylinder	Water displacement	" "
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	" "
Maximum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "
Minimum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "

# Transect Layout





C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

For File type 025 record types # 1,2,3,6,7,& 8 are being submitted. These are labeled as file ident. 760232 and 760606.  
File type 026, file ident. 01T076 has record types # 1,2,3,4,5,& 6.  
FILE TYPE ON TAPE IS MISLABLELED '127'.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Four file identifiers are being submitted on this tape. They are, in order, 760232, 760606, 01T076, & 01DC76. 01DC76 is documented separately.

DATA FROM FILE ID 760606 SEQUENCE # 242-353 HAVE A NEW FILE ID OF 776WAI.

3. ATTRIBUTES AS EXPRESSED IN

PL-1     ALGOL     COBOL  
 FORTRAN     \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Jim Baldrige 907-479-7347  
ADDRESS Geophysical Institute University of Alaska 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD    <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII    <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><del>230, 231, 232 025 &amp; 026 760323, 760606, 01T076 05/75 - 06/76 Vaughan, I. 2-track, 800 BPI, BCD 025 Frost RW 230 2-9-77 1 Reel Replaces all data</del></p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI    <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES <u>80</u></p> <p>13. LENGTH OF BYTES IN BITS</p>

DATA DOCUMENTATION FORM

FORM 24-13

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

NEGOA

FORM APPROVED  
O.M.B. No. 41-R2651

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Alaala Dept of Fish & Game  
1300 College Rd  
Fairbanks AK 99701 RU 230/232

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Outer Continental Shelf Energy Program

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

File identifier  
876 DIS

4. PLATFORM NAME(S)

OSS  
DISCOVERER

5. PLATFORM TYPE(S)  
(E.G., SHIP, BUOY, ETC.)

NOAA ship

6. PLATFORM AND OPERATOR NATIONALITY(IES)

PLATFORM	OPERATOR
USA	USA

7. DATES

FROM: MO, DAY, YR	TO: MO, DAY, YR
8/18/76	9/2/76

8. ARE DATA PROPRIETARY?

NO  YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR \_\_\_ MONTH \_\_\_

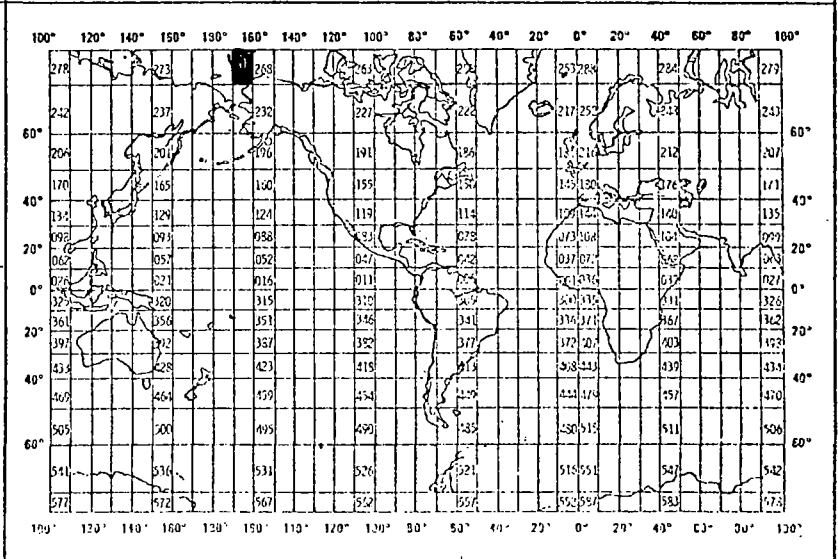
11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

Chukchi Sea - around 72° N,  
166° W

GENERAL AREA

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?  
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

NO  YES  PART (SPECIFY BELOW)



10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

Kathryn J Frost  
907-452-1531

C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
 AND THE METHOD OF IDENTIFYING EACH RECORD TYPE

Record types 1, 2, 3, ~~4, 5, 6, 7, 8~~ Labelled as file  
 ident 876 DIS  
 Record types differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

specimen numbers and record types w/ a spec. #  
 arranged in ascending order. Sequence numbers,  
 bytes 21-25, and everything and determines  
 placement of test cards  
 sequence #s 1-18

3. CONTRIBUTES AS EXPRESSED IN  PL-1  ALGOL  COBOL  
 FORTRAN  \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Mike Crax 907-279-4523 Ext 46  
 ADDRESS AEIDC 707 A St Anchorage AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>025 Frost RN 230                  2-9-77 1 Reel                  Replaces all data</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>80</p> <p>13. LENGTH OF BYTES IN BITS</p>

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Weight of full stomach	grams	Model # PL-2 Torsion Balance	Each stomach trimmed of excess esophagal and small intestine tissue. <i>and weighed</i>	N/A
Weight of empty stomach	grams	" "	Stomachs emptied of their contents and weighed intact.	" "
<del>Weight of stomach contents</del> <i>Volume of stomach contents</i>	<del>grams</del> ml	<i>Graduated cylinder</i>	<i>Water displacement volumes of prey items summed (to total) give a total volume</i>	" "
Number of <sup>items</sup> species identified	numeric	N/A	Manual sorting and counting.	" "
Volume of <sup>items</sup> prey items identified	ml	Graduated cylinder	Water displacement	" "
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	" "
Maximum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "
Minimum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Presence of Sperm in Epididymis	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide and examined under 78X of 300X magnification.	

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Hind Flipper Length	cm	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Naval to Anus Length	cm	N/A	The curvilinear distance from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in females.	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the anterior notch of the anus.	
Tail Length	cm	N/A	Measured from the externally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volume	cubic cm	N/A	Water displacement	
Testes #1 Length	mm	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm	N/A	"	"
Testes #2 Length	mm	N/A	"	"
Testes #2 Width	mm	N/A	"	"

## B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Curvilinear Length	cm	N/A	Measured over curvature of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Axillary Girth	cm	N/A	Taken around the body immediately behind fore-flipper.	
Maximum Girth	cm	N/A	The largest circumference around the abdomen.	
Front Flipper Length	cm	N/A	The distance along the anterior border of the forelimb from the axilla to the tip of the longest digit (not claw).	
Front Flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
<i>Standard length</i>	<i>cm</i>	<i>N/A</i>	<i>The straight line distance from the tip of the nose to the tip of the tail, animal lying on its belly.</i>	

RECEIVED

ACCESSION NUMBER

77.0220  
TR0543

FEB 25 1977

DATA DOCUMENTATION FORM

NEGOA

FORM 24-13

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

FORM APPROVED  
O.M.B. No. 41-R2651

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Alaska Dept of Fish & Game  
1300 College Rd  
Fairbanks Alaska 99701

RU 230/232

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Outer Continental Shelf Energy Program

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

File Identifier 0976 MF

4. PLATFORM NAME(S)

Miller Freeman

5. PLATFORM TYPE(S)  
(E.G., SHIP, BUOY, ETC.)

NOAA ship

6. PLATFORM AND OPERATOR NATIONALITY(IES)

USA

USA

7. DATES

FROM: MO, DAY, YR TO: MO, DAY, YR  
9/27/76 10/13/76

8. ARE DATA PROPRIETARY?

NO  YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

Chirikof Basin, SE of Diomedes  
GENERAL AREA

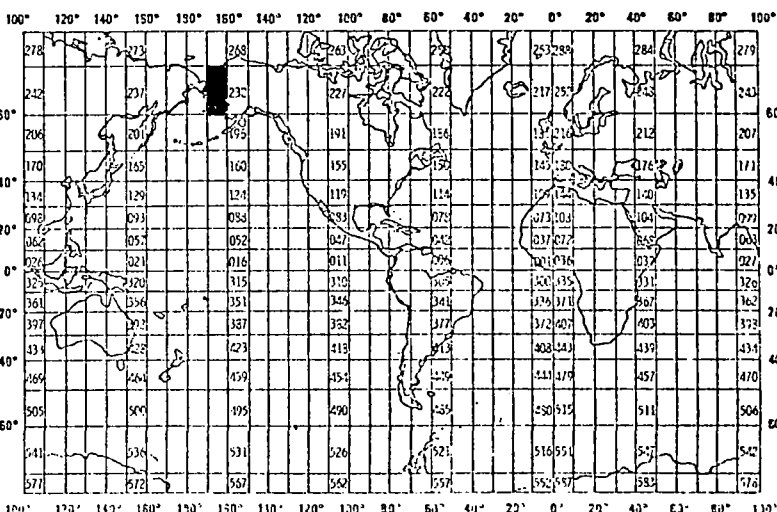
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

NO  YES  PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

Kathryn J Frost  
907-452-1531





C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
 AND THE METHOD OF IDENTIFYING EACH RECORD TYPE

File type 025, record types 1, 2, 3, 6, 7, 8.  
 Labelled as file ident 976 MF  
 Record types are differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

specimen numbers, and record types w/ a specimen number are arranged in ascending order. Sequence numbers, bytes 21-25, order of everything and determine placement of test cards. Seq #s are 00001-00037

3. CHARACTERISTICS AS EXPRESSED IN  
 PL-1     ALGOL     COBOL  
 FORTRAN     \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Mike Crane 907-279-4523 Ext 46  
 ADDRESS ACIDC 707 A St. Anchorage AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH  <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17  <input type="checkbox"/> _____</p>
<p>7. PARITY</p> <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>025 FROST RV 230                  2-9-77 1 of 1 reel                  Replaces all data</p>
<p>8. DENSITY</p> <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	<p>12. PHYSICAL BLOCK LENGTH IN BYTES                  80</p> <p>13. LENGTH OF BYTES IN SETS</p>

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Curvilinear Length	cm	N/A	Measured over curvature of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Axillary Girth	cm	N/A	Taken around the body immediatly behind fore-flipper.	
Maximum Girth	cm	N/A	The largest circumference around the abdomen.	
Front Flipper Length	cm	N/A	The distance along the anterior border of the forelimb from the axilla to the tip of the longest digit (not claw).	
Front Flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
<i>Standard length</i>	<i>cm</i>	<i>N/A</i>	<i>The straight line distance from the tip of the nose to the tip of the tail, animal lying on its belly.</i>	

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Hind Flipper Length	cm	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Naval to Anus Length	cm	N/A	The curvilinear distance from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in females.	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the anterior notch of the anus.	
Tail Length	cm	N/A	Measured from the externally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volume	cubic cm	N/A	Water displacement	
Testes #1 Length	mm	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm	N/A	"	"
Testes #2 Length	mm	N/A	"	"
Testes #2 Width	mm	N/A	"	"

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Presence of Sperm in Epididymis	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide and examined under 78X of 300X magnification.	

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Weight of full stomach	grams	Model # PL-2 Torsion Balance	Each stomach trimmed of excess esophagus and small intestine tissue. <del>and weighed</del>	N/A
Weight of empty stomach	grams	" "	Stomachs emptied of their contents and weighed intact.	" "
<del>Weight of stomach contents</del> Volume of stomach contents	<del>grams</del> ml	1 <sup>st</sup> Graduated cylinder	Water displacement volumes of prey items summed <del>to total</del> give a total volume	" "
Number of <sup>items</sup> prey species identified	numeric	N/A	Manual sorting and counting.	" "
Volume of <sup>items</sup> prey items identified	ml	Graduated cylinder	Water displacement	" "
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	" "
Maximum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "
Minimum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "

RECEIVED

ACCESSION NUMBER

RECEIVED

77.0220

TR0544

FEB 25 1977

DATA DOCUMENTATION FORM

FEB 25 1977

FORM 24-13

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

NEGOA

FORM APPROVED  
O.M.B. No. 41-R2651

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Alaska Dept of Fish & Game  
1300 College Rd  
Fairbanks AK 99701

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Outer Continental Shelf Energy Program

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

576 DIO

4. PLATFORM NAME(S)

576 DIO  
village of  
Diomedes, AK

5. PLATFORM TYPE(S)  
(E.G., SHIP, BUOY, ETC.)

coastal village

6. PLATFORM AND OPERATOR NATIONALITY(IES)

USA

USA

7. DATES

FROM: MO, DAY, YR TO: MO, DAY, YR  
23  
5/25/76 8/16/76

8. ARE DATA PROPRIETARY?

NO  YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR \_\_\_\_\_ MONTH \_\_\_\_\_

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

Diomedes Alaska

GENERAL AREA

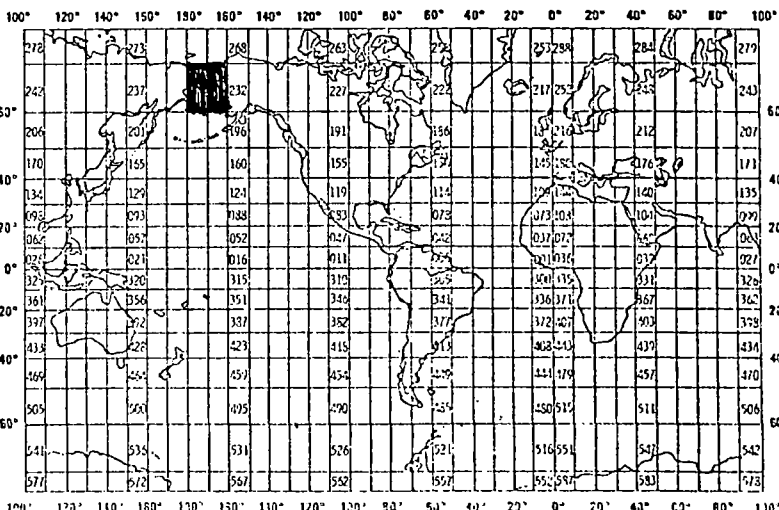
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

NO  YES  PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

Kathryn J Frost  
907-452-1531



C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

Record types 1, 2, 3, 6, 7, 8, File ident 576DIO  
Differentiated by byte 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

specimen #s & recd types w/ a specimen # arranged  
in ascending order. Sequence #s, bytes 21-25,  
order everything & determine placement of text cards

Sequence #s 00001 - 00099

3. ATTRIBUTES AS EXPRESSED IN  PL-1  ALGOL  COBOL  
 FORTRAN  \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:  
NAME AND PHONE NUMBER Mike Crane 907-279-4523 Ext 46  
ADDRESS AEIDC 707 A St Anchorage AK 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LABEL SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>025 Frost - RU 230</p> <p>2-9-77 1 Reel</p> <p>Replaces all data</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>80</p> <p>13. LENGTH OF BYTES IN BITS</p>

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Curvilinear Length	cm	N/A	Measured over curvature of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Axillary Girth	cm	N/A	Taken around the body immediatly behind fore-flipper.	
Maximum Girth	cm	N/A	The largest circumference around the abdomen.	
Front Flipper Length	cm	N/A	The distance along the anterior border of the forelimb from the axilla to the tip of the longest digit (not claw).	
Front Flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
<i>Standard length</i>	<i>cm</i>	<i>N/A</i>	<i>The straight line distance from the tip of the nose to the tip of the tail, animal lying on its belly.</i>	



B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Hind Flipper Length	cm	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Naval to Anus Length	cm	N/A	The curvilinear distance from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in females.	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the anterior notch of the anus.	
Tail Length	cm	N/A	Measured from the externally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volume	cubic cm	N/A	Water displacement	
Testes #1 Length	mm	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm	N/A	" "	
Testes #2 Length	mm	N/A	" "	
Testes #2 Width	mm	N/A	" "	

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Presence of Sperm in Epididymis	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide and examined under 78X of 300X magnification.	

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Weight of full stomach	grams	Model # PL-2 Torsion Balance	Each stomach trimmed of excess esophagal and small intestine tissue. <i>and weighed</i>	N/A
Weight of empty stomach	grams	" "	Stomachs emptied of their contents and weighed intact.	" "
<i>Volume of stomach contents</i> Weight of stomach contents	<del>grams</del> ml	<i>2<sup>nd</sup> Graduated cylinder</i>	<i>Water displacement volumes of prey. Items summed (to total) give a total volume.</i>	" "
Number of <i>items</i> prey species identified	numeric	N/A	Manual sorting and counting.	" "
Volume of <i>items</i> prey items identified	ml	Graduated cylinder	Water displacement	" "
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	" "
Maximum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "
Minimum length of prey item identified	mm	Ruler	Prey item held along side of a ruler.	" "

DATA DOCUMENTATION FORM

FORM 24-13  
(2)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

FORM APPROVED  
O.M.B. No. 41-R2651

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Alaska Dept, of Fish and Game 1300 College Road Fairbanks, Alaska 99701		R.U.# 230 & 231 & 232	
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
Outer Continental Shelf Energy Program		File Identifiers <del>876BIR</del> now 876BTI (2/14/77) (from 760606)	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
For File ident. 876BIR LAND SURVEY		PLATFORM OPERATOR	FROM: MO, DAY, YR TO: MO, DAY, YR
			07/20/76 08/03/76
8. ARE DATA PROPRIETARY?		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
<input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/> YES		DATA COLLECTED FROM BARTER IS.	
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)			
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Lynn Vaughan K. FRUST			

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Curvilinear Length	cm	N/A	Measured over curvature of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Axillary Girth	cm	N/A	Taken around the body immediately behind fore-flipper.	
Maximum Girth	cm	N/A	The largest circumference around the abdomen.	
Front Flipper Length	cm	N/A	The distance along the anterior border of the forelimb from the axilla to the tip of the longest digit (not claw).	
Front Flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Hind Flipper Length	cm	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Naval to Anus Length	cm	N/A	The curvilinear distance from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in females.	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the anterior notch of the anus.	
Tail Length	cm	N/A	Measured from the externally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volume	cubic cm	N/A	Water displacement	
Testes #1 Length	mm	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm	N/A	"	"
Testes #2 Length	mm	N/A	"	"
Testes #2 Width	mm	N/A	"	"

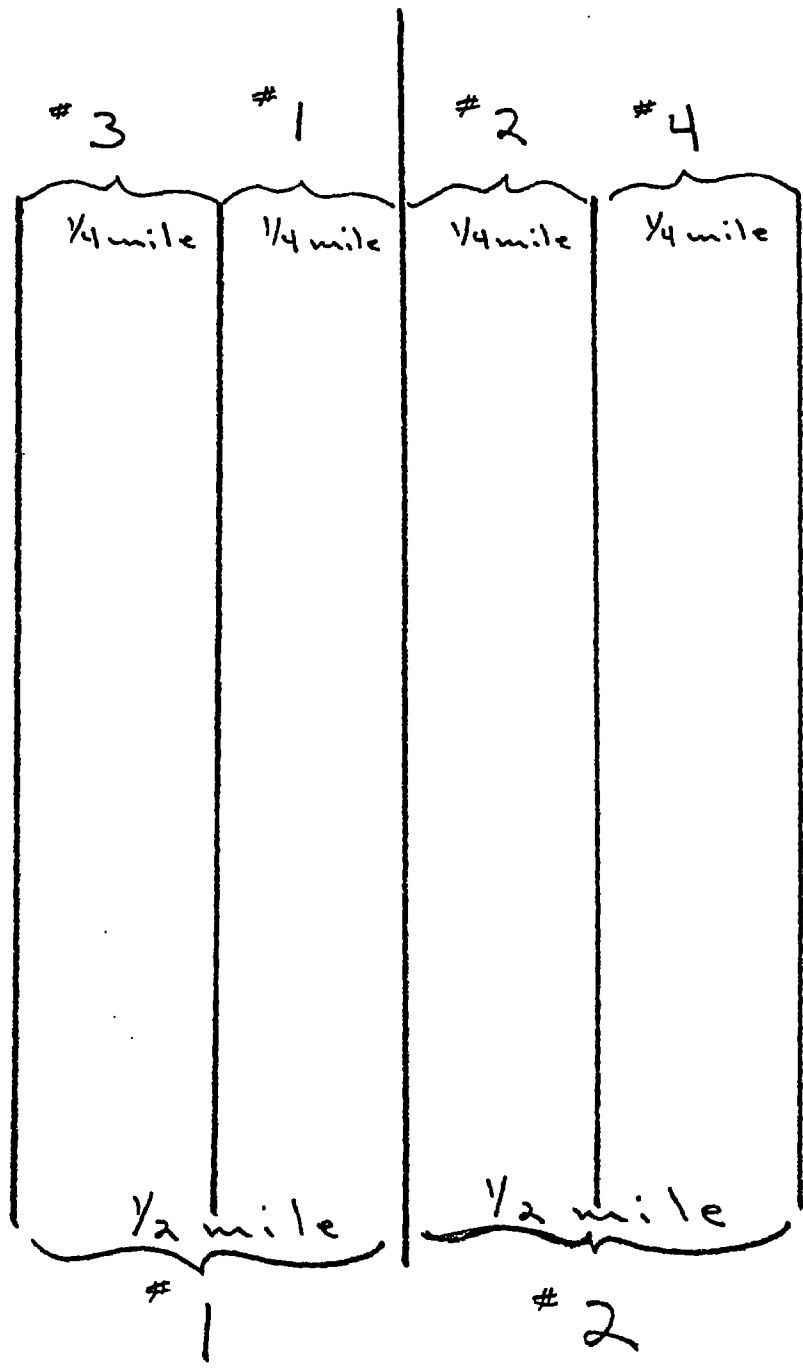
NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Presence of Sperm in Epididymis	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide and examined under 78X of 300X magnification.	

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Weight of full stomach	grams	Model # PL-2 Torsion Balance	Each stomach trimmed of excess esophagal and small intestine tissue. <del>and weighed</del>	N/A
Weight of empty stomach	grams	" "	Stomachs emptied of their contents and weighed intact.	" "
Weight of stomach contents	grams	" "	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	" "
Number of prey species identified	numeric	N/A	Manual sorting and counting.	" "
Volume of prey items identified	ml	Graduated cylinder	Water displacement	" "
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	" "
Maximum length of prey item identified	mm	Ruler	Prey itemSheld along side of a ruler.	" "
Minimum length of prey item identified	mm	Ruler	Prey itemSheld along side of a ruler.	" "



# Transect Layout



C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

For file type 025 record types # 1,2,3,6,7,& 8 are being submitted. These are labeled as file ident. 760232 and 760606.

File type 026, file ident. 01T076 has record types # 1,2,3,4,5,& 6.  
FILE TYPE ON TAPE IS MISLABELED '27'.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Four file identifiers are being submitted on this tape. They are, in order, 760232, 760606, 01T076, & 01DC76. 01DC76 is documented separately.

DATA FROM FILE ID 760606 SEQUENCE # 354-356 HAVE A NEW FILE ID OF 876BIR.

3. ATTRIBUTES AS EXPRESSED IN  PL-1  ALGOL  COBOL  
 FORTRAN  \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST: Jim Baldrige 907-479-7347  
NAME AND PHONE NUMBER  
ADDRESS Geophysical Institute University of Alaska 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><del>230, 231, 232 025 &amp; 026</del>  <del>760323, 760606, 01T076</del>  <del>05/75 - 06/76 Vaughan, L</del>  <del>2-track, 800 BPI, BCD</del>  <del>025 FROST RV 230</del>  <del>2-9-77 1 Reel Replaces all data</del></p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>_____</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>_____</p>

DATA DOCUMENTATION FORM

77-0220  
TRO546

NOAA FORM 24-13  
(2)

U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852

FORM APPROVED  
O.M.B. No. 41-R2651

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED

Alaska Dept, of Fish and Game  
1300 College Road  
Fairbanks, Alaska 99701

R.U.# 230 & ~~231~~ & 232

2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED

Outer Continental Shelf  
Energy Program

3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT

File Identifiers 776SHI

(from 760606)

4. PLATFORM NAME(S)  
For File ident.

776SHI  
LAND SURVEY

5. PLATFORM TYPE(S)  
(E.G., SHIP, BUOY, ETC.)

6. PLATFORM AND OPERATOR NATIONALITY(IES)

7. DATES

PLATFORM	OPERATOR	FROM MO, DAY, YR	TO MO, DAY, YR
		06/04/76	07/12/76

8. ARE DATA PROPRIETARY?

NO  YES

IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR \_\_\_ MONTH \_\_\_

11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.

GENERAL AREA

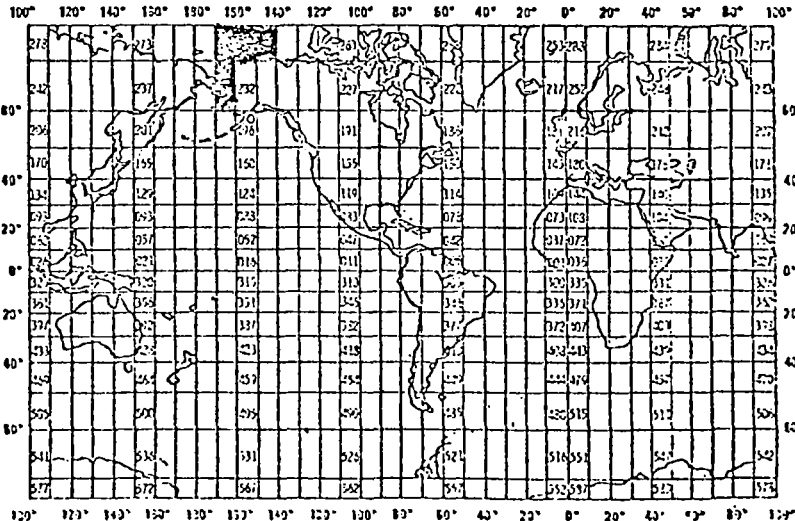
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)

NO  YES  PART (SPECIFY BELOW)

10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)

Wym Vaughan  
K. FROST



NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Curvilinear Length	cm	N/A	Measured over curvature of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Axillary Girth	cm	N/A	Taken around the body immediately behind fore-flipper.	
Maximum Girth	cm	N/A	The largest circumference around the abdomen.	
Front Flipper Length	cm	N/A	The distance along the anterior border of the forelimb from the axilla to the tip of the longest digit (not claw).	
Front Flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	

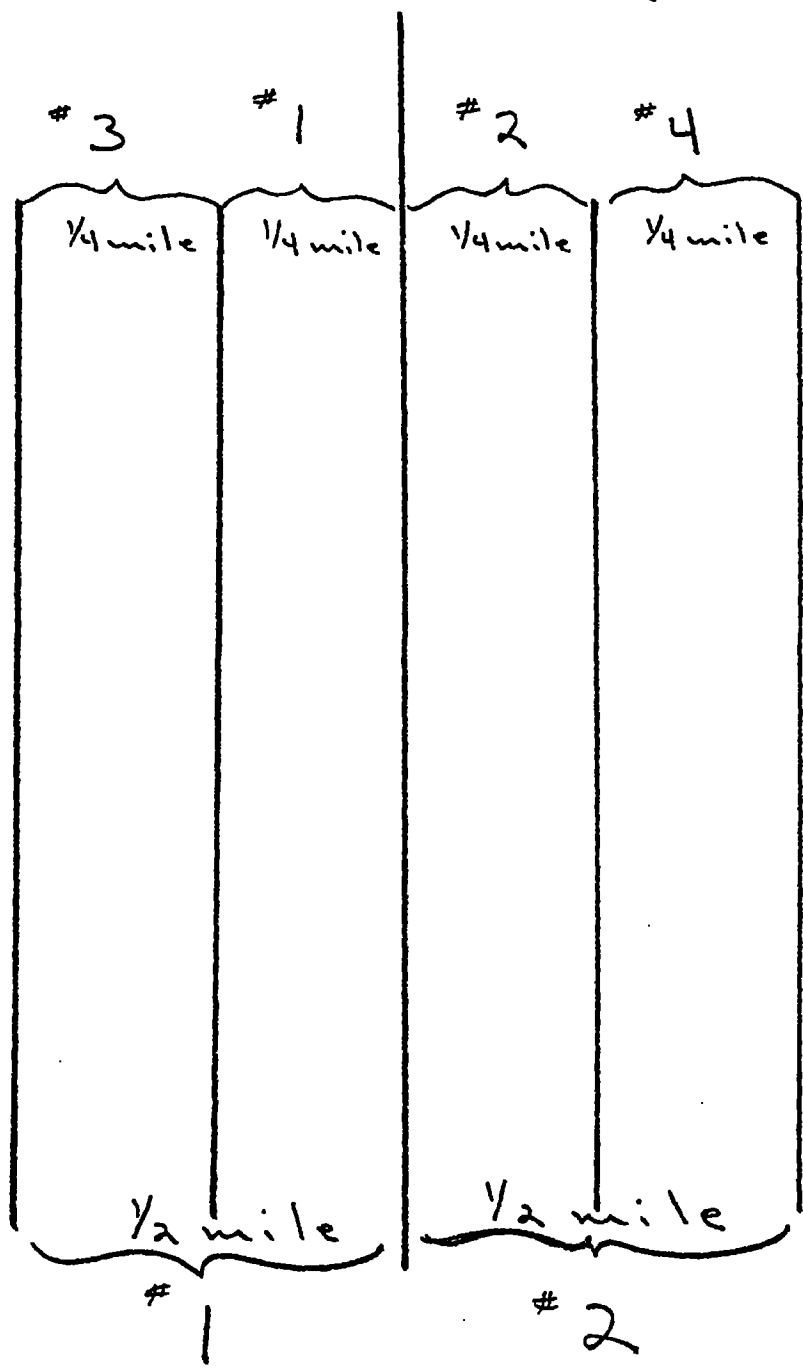
NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Hind Flipper Length	cm	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	cm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Naval to Anus Length	cm	N/A	The curvilinear distance from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in females.	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the anterior notch of the anus.	
Tail Length	cm	N/A	Measured from the externally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volume	cubic cm	N/A	Water displacement	
Testes #1 Length	mm	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm	N/A	"	"
Testes #2 Length	mm	N/A	"	"
Testes #2 Width	mm	N/A	"	"

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Presence of Sperm in Epididymis	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide and examined under 78X of 300X magnification.	

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Weight of full stomach	grams	Model # PL-2 Torsion Balance	Each stomach trimmed of excess esophagal and small intestine tissue. <i>and weighed</i>	N/A
Weight of empty stomach	grams	" "	Stomachs emptied of their contents and weighed intact.	" "
Weight of stomach contents	grams	" "	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	" "
Number of prey <sup>items</sup> species identified	numeric	N/A	Manual sorting and counting.	" "
Volume of prey <sup>items</sup> identified	ml	Graduated cylinder	Water displacement	" "
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	" "
Maximum length of prey item identified	mm	Ruler	Prey itemSheld along side of a ruler.	" "
Minimum length of prey item identified	mm	Ruler	Prey itemSheld along side of a ruler.	" "

# Transect Layout





DATA TYPE - 025 - MARINE MAMMAL SPECIMEN

*Elaine*

10-27-77

FTP	RU	FILE ID	SHIP	LEASE	SURV START	SURV END	NAPIS	DATREC	DATACC	DATFIN	# OF OBS	TRK	UNIQUE
025	0229	W75PWS	MONTAGUE	1	751027	751104	77-0220	761102	000000		00025	T1277-	002174
025	0229	W76KOD	RESOLUTION	13	761104	761110	77-0220	770314	000000		00035	T1289-	002174
025	0229	076KOD	SURVEYOR	13	761005	761014	77-0220	770314	000000		00018	T1288-	003213
025	0229	275PWS	PRE OCS	01	750204	750420	77-0220	770314	000000		00009	T1276-	003210
025	0229	276KOD	RESOLUTION	23	760203	760213	77-0220	761102	000000		00004	T1286-	002175
025	0229	376KEN	BIG VALLEY	2	760317	760322	77-0220	761102	000000		00021	T1284-	002176
025	0229	475COR	PRE OCS	01	750401	750401	77-0220	770314	000000		00001	T1282-	003211
025	0229	476KEN	RESOLUTION	23	760412	760424	77-0220	761102	000000		00009	T1285-	002177
025	0229	476KOD	RESOLUTION	13	760412	760424	77-0220	770314	000000		00025	T1287-	003215
025	0229	576ICY	SURVEYOR	1	760525	760503	77-0220	770314	000000		00017	T1281-	003212
025	0229	576KAY	SURVEYOR	1	760525	760503	77-0220	770314	000000		00002	T1280-	003207
025	0229	576MID	SURVEYOR	1	760525	760503	77-0220	770314	000000		00005	T1279-	003208
025	0229	675YAK	SURVEYOR	1	760525	760503	77-0220	770314	000000		00005	T1278-	003209
025	0229	776TUG	ON FOOT	3			77-0220	761102	000000		00001	T1293-	002178
025	0230	0976MF	M FREEMAN	79			77-0220	770310	000000		00001	T0543-	003131
025	0230	376SAV	ON FOOT	7	760229	760327	77-0220	770314	000000		00018	T0536-	002183
025	0230	476CLI	ON FOOT	7	760310	760420	77-0220	770314	000000		00018	T0538-	002186
025	0230	576DIO	ON FOOT	79			77-0220	770310	000000		00009	T0544-	003132
025	0230	576PTH	ON FOOT	5	760307	760527	77-0220	770314	000000		00047	T0547-	002187
025	0230	576SUV	ON FOOT	7	760319	760501	77-0220	770314	000000		00022	T0541-	002189
025	0230	676GAM	ON FOOT	59	760511	760606	77-0220	770314	000000		00024	T0535-	002181
025	0230	676NOM	ON FOOT	59	760503	760520	77-0220	770314	000000		00009	T0534-	002182
025	0230	776SHI	ON FOOT	7	760604	750712	77-0220	770314	000000		00231	T0546-	002188
025	0230	876BAR	ON FOOT	59	760506	760307	77-0220	770314	000000		00018	T0539-	002180
025	0230	876BTI	ON FOOT	9	760720	760503	77-0220	770314	000000		00001	T0545-	002185
025	0230	876DIS	DISCO	5			77-0220	770310	000000		00001	T0542-	002180
025	0230	876GLA	GLACIER	5			77-0220	770310	000000		00001	T0540-	002180
025	0230	876WAI	ON FOOT	6	760603	760729	77-0220	770314	000000		00030	T0541-	002184
025	0243	N76LIO	RESOLUTION	1			77-0220	770314	000000		00001	T1275-	003222
025	0243	W75LIO	MONTAGUE	1			77-0220	770314	000000		00014	T1269-	003216
025	0243	W76LIO	SURVEYOR	1			77-0220	770314	000000		00021	T1274-	003221
025	0243	276LIO	RESOLUTION	1			77-0220	770314	000000		00007	T1271-	003217
025	0243	376LIO	BIG VALLEY	1			77-0220	770314	000000		00008	T1270-	003218
025	0243	476LIO	RESOLUTION	1			77-0220	770314	000000		00031	T1272-	003219
025	0243	576LIO	SURVEYOR	1			77-0220	770314	000000		00007	T1273-	003220

*Callins  
Parker*

*change  
this  
when  
resurveyed*

*B. H. H.*

*Keep  
this  
NAPIS*

*Call P*

*change this  
when resurveyed*

TOTAL DATA SETS RECEIVED FOR THIS FILE TYPE = 00035  
 TOTAL DATA SETS ACCEPTED FOR THIS FILE TYPE = 00000  
 TOTAL DATA SETS FINALED FOR THIS FILE TYPE = 00000  
 TOTAL OBS RECEIVED FOR THIS FILE TYPE = 000698  
 TOTAL OBS PROCESSED FOR THIS FILE TYPE = 000000

*notes make time entry can process data sets  
 for RU 220 - hold on RU 229/230  
 note: Foot will be revision of corrected data*

C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

For File type 025 record types # 1,2,3,6,7,& 8 are being submitted. These are labeled as file ident. 760232 and 760606.  
File type 026, file ident. 01T076 has record types # 1,2,3,4,5,& 6.  
FILE TYPE ON TAPE IS MISLABELED '027'.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Four file identifiers are being submitted on this tape. They are, in order, 760232, 760606, 01T076, & 01DC76. 01DC76 is documented separately.  
DATA FROM FILE ID 760606 sequence # 717-724 HAVE A NEW FILE ID OF 776SHI.

3. ATTRIBUTES AS EXPRESSED IN  PL-1  ALGOL  COBOL  
 FORTRAN  \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST: Jim Baldrige 907-479-7347  
NAME AND PHONE NUMBER  
ADDRESS Geophysical Institute University of Alaska 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input checked="" type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input checked="" type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p><del>290,231,232 025 &amp; 026</del> <del>760323,760606,01T076</del> <del>05/75 - 06/76 Vaughan, L</del> <del>2 track, 800 BPI, BCD</del> <del>025 Frost RU 230</del> <del>2-9-77. 1 Reel Replaces all data</del></p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES 80</p> <p>13. LENGTH OF BYTES IN BITS</p>

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
77-0220					<p>(1) ALL CORRECTIONS ON ENCLOSED MSD CHECK PROGRAM HAVE BEEN MADE</p> <p>(2) THREE BE 5 18 76 Records CHANGED BE-18-76</p> <p>(3) FOURTEEN SHP-151-70 Records CHANGED SHP-151-76</p> <p>(4) EIGHT SHP-211-76 Records CHANGED SHE-211-76 (SEQ # 1971 to 1978)</p> <p>(5) RECORD DE-27-76 TR05443 NO SEQ # &amp; ONLY A 'N' IN COL. 46 WAS DELETED</p> <p>(6) RECORDS GP-20-76 AND GE-20-76 to GE-25-76 DAY CHANGED 26 to 29</p> <p>(7) FOR SHE-269-76 to SHE-271-76 DATE 760709 WAS ADDED</p>

RECORD FORMAT DESCRIPTION

RECORD NAME

77-0220

PAGE II

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
				(1)	STATIONS NP-1-76, NP-2-76 NP-4-76; NE-2-76, NE-5-76 to NE-9-76; PHP- <del>47</del> -76 to PHP-47-76) COLUMNS 29 & 30 MOVED 28 AND 29. COLUMNS 37 AND 38 MOVED TO 36 AND 37,
				2	TR0540 5406-30-76 DATE CHANGED 720424 to 760424
				3	TR 532 PHP-26-76 changed to TR0532

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE  
 GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

Eight distinct record types: Location (1); Physical 1 (2);  
 Physical 2 (3); Age-Reproductive/Male (4); Age Reproductive/Female (5);  
 Stomach Contents (6); Stomach Contents Species (7); Text (8) differentiated  
 by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

3. ATTRIBUTES AS EXPRESSED IN

- PL-1       ALGOL       COBOL  
 FORTRAN       \_\_\_\_\_ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER \_\_\_\_\_  
 ADDRESS \_\_\_\_\_

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p> <input type="checkbox"/> BCD      <input type="checkbox"/> BINARY  <input type="checkbox"/> ASCII      <input type="checkbox"/> EBCDIC  <input type="checkbox"/> _____                 </p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH  <input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p> <input type="checkbox"/> SEVEN  <input type="checkbox"/> NINE  <input type="checkbox"/> _____                 </p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17  <input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p> <input type="checkbox"/> ODD  <input type="checkbox"/> EVEN                 </p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p>
<p>8. DENSITY</p> <p> <input type="checkbox"/> 200 BPI      <input type="checkbox"/> 1600 BPI  <input type="checkbox"/> 556 BPI  <input type="checkbox"/> 800 BPI  <input type="checkbox"/> _____                 </p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <hr/> <p>13. LENGTH OF BYTES IN BITS</p>

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '025'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Specimen Number	11	10	Bytes	A10	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	I5	
Latitude of Collection,					
Degrees	26	2	Bytes	I2	
Minutes	28	2	Bytes	I2	
Seconds	30	2	Bytes	I2	
Hemisphere	32	1	Bytes	A1	'N' or 'S'
Longitude of Collection,					
Degrees	33	3	Bytes	I3	
Minutes	36	2	Bytes	I2	
Seconds	38	2	Bytes	I2	
Hemisphere	40	1	Bytes	A1	'E' or 'W'
Date of Collection in GMT,					
Year	41	2	Bytes	I2	00-99
Month	43	2	Bytes	I2	1-12
Day	45	2	Bytes	I2	1-31
Time of Collection in GMT,					
Hours	47	2	Bytes	I2	0-23
Minutes	49	2	Bytes	I2	0-59
Water Depth	51	4	Bytes	I4	Whole meters

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Tide Stage	55	3	Bytes	A3	*Feet to tenths
Habitat Code	58	2	Bytes	A2	Use File 025 Habitat Code
Behavior Code	60	2	Bytes	A2	Use File 027 Behavior Code
Ice Codes,					
Type Code	62	1	Bytes	A1	Use File 027 Type Code
Coverage Codes,					
Octas of thin ice	63	1	Bytes	A1	Use File 027 Coverage Code
Octas of moderate ice	64	1	Bytes	A1	Use File 027 Coverage Code
Octas of heavy heavy ice	65	1	Bytes	A1	Use File 027 Coverage Code
Ice Characteristics Code,					
Of the second greatest coverage	66	1	Bytes	A1	Use File 027 Ice Characteristics Code
Of the greatest coverage	67	1	Bytes	A1	Use File 027 Ice Characteristics Code
Deformation Code	68	1	Bytes	A1	Use File 027 Deformation Code
Transect Width Code	69	1	Bytes	A1	Use File 027 Transect Width Code
Ice Codes,					
Type Code,	70	1	Bytes	A1	Use File 027 Type Code
Octas of thin ice	71	1	Bytes	A1	Use File 027 Coverage Code
Characteristics of thin ice	72	1	Bytes	A1	Use File 027 Ice Characteristics Code
Octas of moderate ice	73	1	Bytes	A1	Use File 027 Coverage Code

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (i.e. bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Characteristics of moderate ice	74	1	Bytes	A1	Use File 027 Ice Characteristics Code
Octas of heavy ice	75	1	Bytes	A1	Use File 027 Coverage Code
Characteristics of heavy ice	76	1	Bytes	A1	Use File 027 Ice Characteristics Code
Deformation Code	77	1	Bytes	A1	Use File 027 Deformation Code
Transect Width Code	78	1	Bytes	A1	Use File 027 Transect Width Code
Blank	79	2	Bytes	2X	

\*Tide Height - Given in tenths of the Diurnal Range for nearest prediction location. Ref. Tide Tables - High and Low water predictions, National Ocean Survey, NOAA, U. S. Dept. of Commerce. This provides information as to the actual stage of the tide.

Example  
If the Diurnal Range for a given area is 20 feet and the predicted height<sup>+</sup> is eight feet for a falling tide, then the coded entry would be (-04).

<sup>+</sup>See page 185-186 of the Tide Table for computation of predicted height for any time.



14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '025'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
Specimen Number	11	10	Bytes	A10	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	I5	
Taxonomic Code	26	10	Bytes	5A2	
Sub Species	36	2	Bytes	A2	
Sex Code	38	1	Bytes	A1	
Accompanied by Pup	39	1	Bytes	A1	Use Decision Code
Mammal Lactating	40	1	Bytes	A1	Use Decision Code
Mammal Sunk	41	1	Bytes	A1	Use Decision Code (N = Floated)
Group Size	42	4	Bytes	I4	Whole number
Collection Method Code	46	1	Bytes	A1	Use File 027 Collection Method Code
Weight of Hide and Blubber	47	6	Bytes	I6	To whole grams
Curvilinear Length	53	4	Bytes	I4	Centimeters to tenths
Axillary Girth	57	4	Bytes	I4	Centimeters to tenths
Maximum Girth	61	4	Bytes	I4	Centimeters to tenths
Front Flipper Length	65	3	Bytes	I3	Centimeters to tenths
Front Flipper Width	68	3	Bytes	I3	Centimeters to tenths
Hind Flipper Length	71	3	Bytes	I3	Centimeters to tenths
Hind Flipper Width	74	3	Bytes	I3	Centimeters to tenths
Blank	77	4	Bytes	4X	

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '025'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Specimen Number	11	10	Bytes	A10	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	I5	
Navel to Anus Length	26	3	Bytes	I3	Centimeters to tenths
Penis to Anus Length	29	4	Bytes	I4	Centimeters to tenths
Tail Length	33	3	Bytes	I3	Centimeters to tenths
Blubber Thickness, Sternum	36	3	Bytes	I3	Centimeters to tenths
Blubber Thickness, Chest	39	3	Bytes	I3	Centimeters to tenths
Neck Circumference	42	3	Bytes	I3	Centimeters to tenths
Stomach Condition Empty	46	1	Bytes	A1	Use Decision Code (N = Has Contents)
Gross Weight	47	7	Bytes	I7	Whole grams
Standard Length	54	4	Bytes	I4	Centimeters to tenths
Blank	58	23	Bytes	23X	

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '025'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '4'
Specimen Number	11	10	Bytes	A10	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	I5	
Age	26	2	Bytes	I2	Whole units
Age Unit Code	28	1	Bytes	A1	blank - no information (only if age is blank) '1'- years '2'- months
Age Determination Technique	29	1	Bytes	A1	blank - no information '1'- Claw rings '2'- Dentine annuli '3'- Cementum annuli '4'- Estimated
Blank	30	1	Bytes	1X	
Baculum Length	31	3	Bytes	I3	To whole millimeters
Baculum Weight	34	5	Bytes	I5	To tenths of grams
Testes Weight with Epididymis	39	5	Bytes	I5	To tenths of grams
Testes Weight without Epididymis	44	5	Bytes	I5	To tenths of grams
Testes Volume	49	5	Bytes	I5	To tenths of cubic centimeters
Testis #1 Length	54	3	Bytes	I3	To whole millimeters
Width	57	3	Bytes	I3	To whole millimeters
Testis #2 Length	60	3	Bytes	I3	To whole millimeters
Width	63	3	Bytes	I3	To whole millimeters

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Presence of Sperm in Epididymis	66	1	Bytes	A1	blank - no information '1' - none found '2' - trace '3' - abundant
Sperm Method of Determination	67	1	Bytes	A1	blank - no information '1' - smear '2' - cross section of epididymis
Blank	68	13	Bytes	13X	

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '025'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '5'
Specimen Number	11	10	Bytes	A10	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	I5	
Age	26	2	Bytes	I2	Whole units
Age Unit Code	28	1	Bytes	A1	blank-- no information '1' - years '2' - months
Age Determination Techniques	29	1	Bytes	A1	blank - no information '1' - Claw rings '2' - Dentine annuli '3' - Cementum annuli '4' - Estimated
Blank	30	1	Bytes	IX	
Reproductive Status Code	31	1	Bytes	A1	blank - no information '0' - indeterminable '1' - nulliparous '2' - primiparous '3' - multiparous
Reproductive Condition Code	32	1	Bytes	A1	blank - no information '0' - indeterminable '1' - not pregnant '2' - unimplanted pregnant '3' - implanted pregnant '4' - postartum '5' - aborted '6' - proestrous '7' - estrous '8' - resorption
Number of Fetuses	33	1	Bytes	I1	
Ovary Weight (combined)	34	4	Bytes	I4	To tenths of grams
Number of Corpora Lutea	38	1	Bytes	I1	

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Diameter of Largest Corpora Lutea	39	2	Bytes	I2	To whole millimeters
Number of Corpora Albicantia	41	1	Bytes	I1	
Diameter of Largest Corpora Albicantia	42	2	Bytes	I2	To whole millimeters
Number of Follicles Greater than 5 mm in diameter	44	1	Bytes	I1	
Diameter of Largest Follicle	45	2	Bytes	I2	To whole millimeters
Number of Uterine Scars	47	1	Bytes	I1	
Blank	48	33	Bytes	33X	

RECORD NAME Stomach Contents (Marine Mammal Specimen)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (o.A., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '025'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '6'
Specimen Number	11	10	Bytes	A10	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	I5	
Weight of Full Stomach	26	6	Bytes	I6	To tenths of grams
Weight of Empty Stomach	32	5	Bytes	I5	To tenths of grams
Weight of Food Contents	37	6	Bytes	I6	To tenths of grams
Total Volume of Contents	43	6	Bytes	I6	To tenths of cubic centimeters
Blank	49	32	Bytes	32X	

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '025'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '7'
Specimen Number	11	10	Bytes	A10	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	I5	
Taxonomic Code	26	10	Bytes	5A2	This code and all other measurements on this record refer to the prey items(s).
Sub Species	36	2	Bytes	A2	
Life History Code	38	1	Bytes	A1	
Miscellaneous Stomach Contents Code	39	2	Bytes	A2	Use File 025 Miscellaneous Stomach Contents Code
Number of Items Identified	41	4	Bytes	I4	
Volume of Items Identified	45	6	Bytes	I6	Cubic Centimeters to tenths
Weight of Items Identified	51	6	Bytes	I6	In grams to tenths
Mean Length of Items Identified	57	4	Bytes	I4	To whole millimeters
Maximum Length of Item Identified	61	4	Bytes	I4	To whole millimeters
Minimum Length of Item Identified	65	4	Bytes	I4	To whole millimeters
Digestive Organ Code	69	1	Bytes	A1	Use File 025 Digestive Organ Code
Blank	70	11	Bytes	11X	



14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (i.e., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '025'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '8'
Specimen Number	11	10	Bytes	A10	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	I5	
Text	26	55	Bytes	55A1	Any alphanumeric information

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7700220	F025	TR0533	0081	31W5	31GL	1976/08/17	876GLA	302912
7700220	F025	TR0534	0081	31W5	32P8	1976/01/23	676NOM	302913
7700220	F025	TR0535	0081	31W5	32P8	1976/05/11	676GAM	302914
7700220	F025	TR0536	0081	31W5	32P8	1976/02/29	376SAV	302915
7700220	F025	TR0537	0081	31W5	32P8	1976/03/01	576PTH	302916
7700220	F025	TR0538	0081	31W5	32P8	1976/03/10	476CLI	302917
7700220	F025	TR0539	0081	31W5	32P8	1976/05/06	876BAR	302918
7700220	F025	TR0540	0081	31W5	31SU	1976/03/19	576SUV	302919
7700220	F025	TR0541	0081	31W5	32P8	1976/06/03	876WAI	302920
7700220	F025	TR0542	0081	31W5	31DS	1976/08/18	876DIS	302921
7700220	F025	TR0543	0081	31W5	31FN	1976/09/27	0976MF	302922
7700220	F025	TR0544	0081	31W5	32P8	1976/05/23	576DIO	302923
7700220	F025	TR0545	0081	31W5	32P8	1976/07/20	876BIR	302924
7700220	F025	TR0546	0081	31W5	32P8	1976/06/04	776SHI	302925
7700220	F025	TR1269	0081	31W6	32M9	1975/10/27	NULL	302926
7700220	F025	TR1270	0081	31W6	32RS	1976/02/04	NULL	302927
7700220	F025	TR1271	0081	31W6	32BP	1976/03/17	NULL	302928
7700220	F025	TR1272	0081	31W6	32RS	1976/04/12	NULL	302929
7700220	F025	TR1273	0081	31W6	31SU	1976/05/25	NULL	302930
7700220	F025	TR1274	0081	31W6	31SU	1976/10/05	NULL	302931
7700220	F025	TR1277	0081	31W6	32M9	1975/10/27	NULL	302932
7700220	F025	TR1278	0081	31W6	31SU	1976/05/25	NULL	302933
7700220	F025	TR1279	0081	31W6	31SU	1976/05/25	NULL	302934
7700220	F025	TR1280	0081	31W6	31SU	1976/05/25	NULL	302935
7700220	F025	TR1281	0081	31W6	31SU	1976/05/25	NULL	302936
7700220	F025	TR1283	0081	31W6	32P8	1976/07/08	NULL	302937
7700220	F025	TR1284	0081	31W6	32BP	1976/03/17	NULL	302938
7700220	F025	TR1285	0081	31W6	32RS	1976/04/12	NULL	302939
7700220	F025	TR1286	0081	31W6	32RS	1976/02/04	NULL	302940
7700220	F025	TR1287	0081	31W6	32RS	1976/04/12	NULL	302941
7700220	F025	TR1288	0081	31W6	31WU	1976/10/05	NULL	302942
7700220	F025	TR1289	0081	31W6	32RS	1976/11/04	NULL	302943

(32 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7700220	F025	TR0533	31GL	1	21	76/08/17	76/09/03
7700220	F025	TR0534	32P8	9	124	76/01/23	76/06/20
7700220	F025	TR0535	32P8	6	187	76/05/11	76/06/06
7700220	F025	TR0536	32P8	18	133	76/02/29	76/03/27
7700220	F025	TR0537	32P8	47	467	76/03/01	76/05/27
7700220	F025	TR0538	32P8	18	123	76/03/10	76/04/20
7700220	F025	TR0539	32P8	18	191	76/05/06	76/11/15
7700220	F025	TR0540	31SU	22	226	76/03/19	76/05/01
7700220	F025	TR0541	32P8	30	238	76/06/03	76/08/04
7700220	F025	TR0542	31DS	3	76	76/08/18	76/09/02
7700220	F025	TR0543	31FN	1	39	76/09/27	76/10/13
7700220	F025	TR0544	32P8	9	111	76/05/23	76/08/16
7700220	F025	TR0545	32P8	1	56	76/07/20	76/08/03
7700220	F025	TR0546	32P8	231	3026	76/06/04	76/07/12
7700220	F025	TR1269	32M9	14	116	75/10/27	75/11/04
7700220	F025	TR1270	32RS	7	42	76/02/04	76/02/12
7700220	F025	TR1271	32BP	8	72	76/03/17	76/03/22
7700220	F025	TR1272	32RS	31	219	76/04/12	76/04/24
7700220	F025	TR1273	31SU	7	39	76/05/25	76/06/03
7700220	F025	TR1274	31SU	22	208	76/10/05	76/10/14
7700220	F025	TR1277	32M9	25	288	75/10/27	75/11/04
7700220	F025	TR1278	31SU	5	36	76/05/25	76/06/03
7700220	F025	TR1279	31SU	5	49	76/05/25	76/06/03
7700220	F025	TR1280	31SU	2	12	76/05/25	76/06/03
7700220	F025	TR1281	31SU	17	91	76/05/25	76/06/03
7700220	F025	TR1283	32P8	1	12	76/07/08	76/07/12
7700220	F025	TR1284	32BP	21	162	76/03/17	76/03/22
7700220	F025	TR1285	32RS	9	70	76/04/12	76/04/24
7700220	F025	TR1286	32RS	4	39	76/02/04	76/02/12
7700220	F025	TR1287	32RS	25	213	76/04/12	76/04/24
7700220	F025	TR1288	31WU	18	176	76/10/05	76/10/14
7700220	F025	TR1289	32RS	35	297	76/11/04	76/11/11

(32 rows affected)