DDF-B:1:05

DATA DOCUMENTATION

ACCESSION UMBER

FORM 24-13

NO 4 A FORM 24-13

U.S. DEPARTMENT OF COMMERCE
NAL OCEANIC AND ATMOSPHERIC ADMINISTR
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION TO ROCK VILLE, MARYLAND 20852

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

USCOMM-DC 44289-P72

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 F	OR ALL	ATA TRANSHIT	TALS		
1. NAME AND ADDRESS OF INSTITUTION, LABORA	=	R ACTIVITY WIT	H WHICH SUBM	ITTED DATA AF	REASSOCIATED
Niaska Dept of Fish and G	rame				
1300 College Rd.		•			
Fuirbanks, Alaska 99=	701		RU	# 230,	232
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED	WHICH			Y ORIGINATOR	TO IDENTIFY
Outer Continental Shelf		DATAINTA	IS SHIPMENT		
		F.le	Tdont fin	r 876	GIA
Energy Program		,,,,			
4. PLATFORM NAME(S) 5. PLATFORM TYPE (E.G., SIIIP, BUO		6. PLATFORM A		7. DA	res
For File ident.	- ,,	PLATFORM	OPERATOR	FROM: MODAY,YE	TO: MO/DAY/YR
876 GLA Ship				. / .	1 1
USCGC GLACIER		USA	USA	8/17/76	9/3/76
B. ARE DATA PROPRIETARY?				UARES IN WHIC	
No Ares				of Bar	
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE! YEARMONTH			GENERAL AR		·
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?	100* 120* 1	140° 150° 150° 180° 140	° 120° 100° 80° Eú°	40" 20" 0" 20"	40° 60° 80° 100°
(I.E., SHOULD THEY BE INCLUDED IN WORLD		िख .	I David	\$ 18 237.50	ZM [] NC 217
DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE?)	242	237		1 2025	10 10 m
NO YES PART (SPECIFY BELOW)	50° 206		7 101 1 150		515 50, 69,
F	40 1/0	160	155 (5)	131305	31620 111
	20 00 2	27 129 12.1 093 083	1119 112		135
10. PERSON TO WHOM INQUIRIES CONCERNING	000	057 C52 016	02/	1007-077	
DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER		2320 315 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	310 50° 345 Dai	1 20 00	131 126 167 367 20°
THAN IN ITEM-1)	20.	127	413		403 393
Nathryn J Frast	40* 355	159	15.	- L21m	45/ 470
907-452-1531	£0° 505	307 335	190 S	150 515	511 506 60
407-45 2-15 31	Fall	538 531	526	515 552	
	100' 120'	140° 150° 170° 170° 110	), 150, 155, 29, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20	49, 20, 6, 20	49° E9° 90° 130°
	,		,		

#### C. DATA FORMAT

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

	CONTAINED IN THE TRANSMIT ENTIFYING EACH RECORD TYPE	
1122010 797	2 Physical 1	pes 1,2,3,6,788 an being labelled as file ident 876GLA ts record type uts species record type
	PTION OF FILE ORGANIZATION	
order appropri	ecord types and ate . Sequen	included, record types are ordered when the sen spaces 21-25 dentersperse text cards when the first cards are ordered types are ordered when the first cards when the first cards when the first cards are ordered types are ordered
4. RESPONSIBLE COMP NAME AND ADDRESS	UTER SPECIALIST: PHONE NUMBERMK P ACIDC 707 A	Crane 907-279-4523 Ext 46 Street Anchorage 99501
COMPLETE THIS 5. RECORDING MODE	SECTION IF DATA ARE ON MAGN	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH
	ASCII X EBCDIC	10. END OF FILE MARK OCTAL 17
6. NUMBER OF TRACK (CHANNELS)	S SEVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS
		OF DATA TYPE, VOLUME NUMBER)  025 FROST RU230
7. PARITY	⊠ odd □ even	2-9-77   ree
8. DENSITY	200 BPI 1600 BPI	Replaces all data
	556 BPI   800 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES  O  13. LENGTH OF BYTES IN BITS
NO AA FESTIVA		
NO A A FORM 24-13		USCOMM-DC 44289-P72

# B. SCIE FIC 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	om ·	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	•
Hind flipper Width	cm	<b>N/A</b>	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	
Naval to Anus Longth	сm	n/A	The cuvilinear distander 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 Langth	cm	N/A	The curvilinear distance from the center of the penile orifice to the antrior 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 Volumn	cubic cm	N/A	Water displacement	,
Testes #1 Length	हिमा	N/A	Taken at the middle of the testes.	
Testes #1	min-	N/A	"	
Width Testes #2	m	N/A	11	
Length Testes #2	m'ra .	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
Curvilinear Length	Cm	N/A	Measured over curva- ture of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Axillary Cirth	cm	N/A	Taken around the body immediatly behind fore flipper.	<del>-</del>
Maximum Girth	cm	N/A	The largest circum- ference 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 kength	cin	NIA	The straight line distance from the tip of the ness to the tip of the tail, animal lying on its belly.	
		<u>.</u>		

B. SCIENT C CONTENT

	REPORTING UNITS	METHODS OF OBSERVATION AND	ANALYTICAL METHODS	DATA PROCESSING		
NAME OF DATA FIELD	OR CODE INSTRUMENTS USED (INCLUDING MODIFICATIONS) (SPECIFY TYPE AND MODEL) AND LABORATORY PROCEDURES		OR CODE INSTRUMENTS USED (INCLUDING MODIFICATION OF CODE (SPECIFY TYPE AND MODEL) AND LABORATORY PROC		(INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	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.			
		d <sup>1</sup>				
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			v			
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#### B. SCIENTIFIC CONTENT

		B. SCIENTIFIC C	ONTENT	
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 esophagel and small intestine tissue.	N/A
Weight of empty stomach	grams	tt tt	Stomachs emptied of their contents and weighed intact.	. 11 11
Weight of stomack contents	grams m	1 Graduated cythoder	water displacement volumes of prey to y give a total volume	
Number of Preys	numeric	N/A	Manual sorting and counting.	
Volume of preys items identified	ml	Graduated cylinder	Water displacement	u u
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	tt tt
Maximum length of prey item idealised	mm	Ruler	Prey itemSheld along side of a ruler.	tt tt
Minimum length of pray item ', dear' field	mm. 	Ruler	Prey itemSheld along side of a ruler.	tt tt
		g		

FIELD NAME	15. POSITION FROM-1 MEASURED	16. LER	стн	17. ATTRIBUTES	18. USE AND MEANING
•	MEASURED IN Bytes (e.g., bits, by:00)	иимэек	UNITS		
Fi Type	1	3	Bytes	А3	Always '025'
File Identifier	l,	6	Bytes	A6	
Record Type	10	1	Bytes	Il	Always 'l'
Specimen Number	11	10	Bytes	AlO .	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	15	
Latitude of Collection,			,	•	
Degrees	26	2	Bytes	13	
Minutes	28	2	Bytes	12	
Seconds	30	2	Bytes	12	
Hemisphere	32	1	Bytes	ΓA	'N' or 'S'
ongitude of Collection,					
Derrees	33 -	3	Bytes	13	
Minutes	36	2	Bytes	12	
Seconds	38	2	Bytes	12	
Hemisphere	<u> 4</u> 0	1	Bytes	Al	'E' or 'W'
Date of Collection in GMT,	on .				
Year	41	2	Bytes	12	00–99
Month	43	2	Bytes	12	1-12
Day	45	2	Bytes	12	1-31
lime of Collection GMT,	n			·	
Hours	1,7	2	Bytes	, 12	0-23
Minutes	49	2	Bytes	. 15	0–59
later Depth	51	1,	Bytes	<b>I</b> h	Whole meters

ORD NAME Location, Continued (Marine Manual Specimen)

ORD NAME Locat			CTU	17. ATTRIBUTES	(18. USE AND MEANING
H. FIELD NAME	FROM-1	16. Len		IV. ATTRIBUTES	IS. USE AND MEANING
Sau	MEASURED IN Bytes	NUMBER	UNITS	}	
	(c.d., bits, bytes)	NOMBER	USILIS	<u> </u>	
Tide Stage	55	3	Bytes	АЗ	#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	Al	Use File 027 Type Code
<del>Cavernga Code</del> s,					
Octas of thin	63	1	Bytes	Al	Use File 027 Coverage Code
characteristics	64	i	Bytes	Al .	Jee Characteristic Use File 027 Coverage Code
Octas of mod of thin, ice exase ise			Dy CC3	<del></del>	ose Tite oz i dovozage odde
<i>medi</i> Octas of <del>lisas</del> ice	y 65	1	Bytes	Al	Use File 027 Coverage Code
fee Gharacteris=					
Code,	2. 1		4		
of the second	66	1	Bytes	£1.	Use File 027 Ice Characteristics Code
Octas of heavy					Vortage Code Use File 027 Tee Characteristics
(Cest coverag			Bytes	4.4	Use File 027 Ice Characteristics Code F.L 027 Le Char. Code
Char of Lawy ice Deformation Code	6 <b>લ</b>		By tes Bytes		Use File 027 Deformation Code
Transect Width Code	69.70	1	Bytes	Al	Use File 027 Transect Width Code
Blank	70	11	Bytes	ılx	
cation. Ref. T	ide Tables	- Hię	h and	Low water pred	for nearest prediction lo- ictions, National Ocean Survey, ation as to the actual stage
					and the predicted height † is try would be (04).
Sce page 185-18	δ of the T	ide Ta	ble fo	r computation	of predicted height for any
Sign					

17 feb of dans of war of white war of the day of the war of during the the the war of th

OAA FORM 24-13

4. FIELD NAME	15. POSITION FROM-1 MEASURED	16. LEN	стн	17. ATTRIBUTES	18. USE AND MEANING
	(o.g., bits, bytes)	NUMBER	UNITS		
Type	1	3	Zytes	A3	Always '025'
lile Identifier	14	6	Bytes	Аб	
lecord Type	10	1	Bytes	Il	Always '2'
Specimen Number	11	10	Bytes	AlO .	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	15	
laxonomic Code .	26	jo	Bytes	5A2	
Sub Species	36	2	Bytes	A2	
Sex Code	38	1	Bytes	LA	
lccompanied by Pup	. 39	1	Bytes	Al	Use Decision Code
lammal Lactating	¹4O	1	 Bytes	Al	Use Decision Code
Jammal Sunk	41	1	Bytes		Use Decision Code (N = Floated)
Froup Size	42.	4	Bytes		Whole number
Colection Method		ı	Bytes		Use File 027 Collection Method Code
Code Weight of Hide and Blubber	47	6	Bytes	16	To whole grams
Curvilinear Lengt	ı 53	· 14	Bytes	<b>I</b> 4	Centimeters to tenths
Axillary Girth	57	4	Bytes	14	Centimeters to tenths C.
Maximum Girth	61	14	Bytes	14 .	Centimeters to tenths A. W. C.
Front Flipper Length	65	3	Bytes	13	Centimeters to tenths
Front Flipper Width	68	3	Bytes	13	Centimeters to tenths
Hind Flipper Length	71	3	Bytes	13	Centimeters to tenths
Hind Flipper Width	74	3	Bytes	13	Centimeters to tenths
Blar	77	1,	Bytes	14X	

# RECORD FORMAT DESCRIPTION

ECORD NAME Physical 2 (Marine Mammal Specimen)

JELO NAME	15. POSITION FROM-1	ł	GTH	17. ATTRIBUTES	18. USE AND MEANING
	MEASIRED IN LYTUS (e.g., bits, bylos)	NUMSER	UNITS		
'ile Type	ı	3	Bytes	АЗ -	Always ('027') 035
'ile Identifier	ĵţ	6	Bytes	A6 .	
decord Type	10	1	Bytes	11	Always '3'
pecimen Mumber	11	10	Bytes	AlO	Analogous to NODC Station Number
	•				Mullogi
equence Number	21	5	Bytes	15	
lavel to Anus Length	26	3	Bytes	13 .:	Centimeters to tenths
'enis to Anus Length	29	14	Bytes	I <sup>1</sup>	Centimeters to tenths
'ail Length	33	3.	Bytes	13	Centimeters to tenths
Nubber Thickness	<b>36</b>	3	Bytes	13	Centimeters to tenths
llubber Thickness Chest	39	. 3	Bytes	13	Centimeters to tenths
eck Circumference	42	3	Bytes	13	Centimeters to tenths
tomach Condition Empty	46	ì	Bytes	Al	Use Decision Code (N = Has Contents)
lark	47-	34	Bytes	<del>3¹₁X</del> -	
Gross Weight	47-	7		<i>I</i> 7	Whole grams
Gross Weight Standard Lougth	54	4		14	Whole grams Cm to Ool
Blank	58	23			· .

3-31-76

## RECORD NAME Age-Reproductive - Male (Marine Manmal Specimen)

TR. FIELD NAME	रडा श्वाचाराका	IS. LEN	<u> </u>	17. AFTER TES	18. USE AND MEANING
	FROM - 1 MEASURED IN <u>Bytes</u>				
	(e.e., bits, Sytes)	NUMBER	UNITS		
File Type	1.	3	Bytes	A.3	Always '025'
File Identifier	14	6	Bytes	А6	
Record Type	10	1	Bytes	Il	Always '4'
Specimen Number	11	10	Bytes	AlO	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	15	
Age	26	2	Bytes	12	Whole units
Age Unit Code	28	1	Bytes	Al	blank - no information (only if age is blank) 'l'- years
		-			'2'- months
Age Determination Technique	29	1	Bytes	Al	blank - no information 'l'- Claw rings
		4 A A			'2'- Dentine annuli '3'- Cementum annuli
	<b></b>	_			'4'- Estimated
Bl	30	1	Bytes	1X	
Eaculum Length	31	3	Bytes	13	To whole millimeters
Baculum Weight	34	5	Bytes	15	To tenths of grams
Testes Weight with Epididymis	39	5	Bytes	15	To tenths of grams
Testes Weight with out Epididymis	 	5	Bytes	15	To tenths of grams
Testes Volume	49	5	Bytes	15	To tenths of cubic centimeters
Testis #1	_,	_		~~	
Length	54	3	Bytes	13	To whole millimeters
Width	57	3	Bytes	13	To whole millimeters
Testis #2 Length	60	3	Bytes	13	To whole millimeters
Width	63	3	Bytes	13	To whole millimeters
·	<del></del>	I	<u></u>		

RECORD FORMAT DESCRIPTION

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

RECORD NAME WEELVE	. Droddor				
14. FIELD HAME	IS. POSITION FROM-1	TS. LEN	GTH	IV. ATTRIL ITES	18. USE AND MEARING
	MEASURED IN Bytes (e.g., bits, bytes)	NUMBER	צדומט		
Presence of Sperm in Epididymis	66	1	Bytes	Al	blank - no information 'l' - none found '2' - trace
					131 - abundant
Sperm Method of Determination	67	,1	Bytes	Al	blank - no information 'l' - smear '2' - cross section of
					epididymis
Blank	. 68 .	13	Bytes	13X	
		** *:.			
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14. FIELD NAME	15.7051T10N FROM-1		STH	17. ATTRIBUTES	18. USE AND MEANING
	MEASURED IN Bytes (e.g., bitm, bytes)	NUMBER	UNITS		
Type	1	3	Bytes	A3 (	Always '025'
File Identifier	<u>1</u> ;	6	Bytes	A6 ·	
Record Type	10	1	Bytes	Il	Always '5'
Specimen Number	11	10	Bytes	AlO	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	15	
Age	26	2	Bytes	12	Whole units
Age Unit Code	28	1	Bytes	Xl	blank no information 'l' - years
					'2' - months
Age Determination Techniques	29	1	Bytes	Xl	blank - no information 'l' - Claw rings '2' - Dentine annuli
					'3' - Cementum annuli '4' - Estimated
Blank	30	1	Bytes	ıx .	
Reproductive atus Code	31	1	Bytes	Al	blank - no information '0' - indeterminable '1' - nulliparous
					'2' - primaparous '3' - multiparous
Reproductive Condition Code	32	1	Bytes	Al	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 Tetuses	33	1	Bytes	Il	
Ovary Weight (combined)	314	14	Bytes		To tenths of grams
Number of Corpora	38	1	Bytes	11	*
NOAA FORM 24-13					U5COMM-DC 44289-P7

14. FIELD NAME	15. POSITION FROM - 1 MEASURED	)	<u> СТН</u>	17. ATTRIBUTES	18. USE AND MEANING
	MEASURED IN Bytes (e.g., dita, bytes)	NUMBER	UNITS		
est Corpora Lutea	39	.5	Bytes	12	To whole millimters
Number of Corpora Albicantia	117	1	Bytes	Il	
Diameter of Larg- est Corpora Albicantia	J†5	2	Bytes	12	To whole millimeters
Number of Follicle Greater than 5 mm in diamete		.1	Bytes	Il	
Diameter of Larg- Follicle	45	2	Bytes	12	To whole millimeters
Number of Uterine Scars	47	1	Bytes	ΙΊ	
Blank	48	33	Bytes	33X	·
	#				

#### RECORD FORMAT DESCRIPTION

RECORD NAME Stomach Contents (Marine Mammal Specimen)

14. FIELD NAME	15. POSITION	16. LEN	GTH	17. ATTRIBUTES	18. USE AND MEANING
	FROM-1 MEASURED	ļ	· · · · · · · · · · · · · · · · · · ·		
	(e.g., bita, bytea)	NUMBER	UNITS		
File Type	1	3	Bytes	А3	Always '025'
File Identifier	<b>1</b> 4	6	Bytes	. A6	
Record Type	10	1	Bytes	Il	Always '6'
Specimen Number	11	10	Bytes	AlO	Analogous to NODC Station Number
Sequence Number	21	. <b>5</b> .	Bytes	15	
Weight of Full Stomach	26	6	Bytes	16	To tenths of grams
Weight of Empty	32	5	Bytes	<b>1</b> 5	To tenths of grams
Stomach	ا ا		Dy ocs	/	TO COROLLS OF Grams
Weight of Food	37	6	Bytes	16	To tenths of grams
Contents					
Total Volume of Contents	43	6	Bytes	16	To tenths of cubic centimeters
Blank	49	32	Bytes	. 32X	
	11			· · ·	
·		V			
		*			
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		,			
L					

RECORD FORMAT DESCRIPTION

Stomach Content Species (Marine Manual Specimen)

14. FIELD NAME	115. POSITION	16. LEN	GTH	17. ATTRIBUTES	18. USE AND MEANING
	FROM-1 MEASURED IN BUT 03		1		
	(e.g., bits, hytes)	нимвен	UNITS		
File Type	1	3	Bytes	· A3	Always '025'
File Identifier	Σţ	6	Bytes	A6	
Record Type	10	1	Bytes	11	Always '7'
Specimen Number	11	10	Bytes	Alo	Analogous to NODC Station Number
Sequence: Number	51	. 5	Bytes	15	
Taxonomic Code	- 26	10	Bytes	5A2	
Sub Species	36	2	Bytes	A2	
Life History Code	38	1	Bytes	Al	
liscellaneous Stomach Contents Code	39	2	Bytes	A2	
Number of Items Identified	41	14	Bytes	<b>I</b> 4	
of Items	. 45 =	6	Bytes	16	Cubic Centimeters to tenths
Veight of Items Identified	51	6	Bytes	16	In grems to tenths
Mean Length of Items Identified	57	14	Bytes	14	To whole millimeters
Maximum Length of Item Identified	61	14	Bytes	14	To whole millimeters
Minimum Length of Item Identified	65	14	Bytes	I4	To whole millimeters
Black Digestine Orga Code Feb 77 Stank	9n 69	12	Bytes	12X	blank = Stomach  1 = intestina 2 - legint 3 - sm int
Blank	<del>7</del> 0				3 - sm int
NOAA FORM 24-13					USCOMM-DC 44287-P72

ACCESSION NUMBER 76-1764

#### DATA DOCUMENTATION FORM

77-0220

AA 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

A.	ORIGINATUR	IDEN HEICA H	וטא		•
THIS SECTION MUST BE COMPLETED BY DO	NOR FOR ALL D	ATA TRANSHIT	TALS		•
1. NAME AND ADDRESS OF INSTITUTION, LA	BORATORY, OF	R ACTIVITY WIT	H WHICH SUBM	ITTED DATAA	REASSOCIATED
Alaska Dept, of Fish 1300 College Road Fairbanks, Alaska 99			R.U.# 2	30 & 231	& 232
2. EXPEDITION, PROJECT, OR PROGRAM DU DATA WERE COLLECTED	JRING WHICH		IBER(S) USED E	Y ORIGINATO	R TO IDENTIFY
Outer Continental Sh Energy Program	elf	File Ide	entifiers		
		(fr	an 7606		
4. PLATFORM NAME(S) 5. PLATFORM (E.G., SHIP.	TYPE(S) BUOY, ETC.)	6. PLATFORM A NATIONALIT			ATES
676NOM LAND SURVEY	· }	PLATFORM		JEROM <sup>MO</sup> /DAY,Y 9 <b>y 23</b> 06/03/76	06/20/76
IF YES, WHEN CAN THEY BE RELEASE FOR GENERAL USE? YEAR MONTH  9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?  (I.E., SHOULD THEY BE INCLUDED IN WO DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)  NO YES PART (SPECIFY BELOW)  10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE PHONE NUMBER (AND ADDRESS IF OTHE THAN IN ITEM-1)	DATA ( DA	SE DARKEN ALI AINED IN YOUR COLLECTED AT  43- 150- 180- 150- 140  23	SUBMISSION W NOME GENERAL AF	40° 20° 0° 20° 15° 20° 15° 20° 15° 20° 15° 20° 15° 20° 15° 20° 20° 20° 20° 20° 20° 20° 20° 20° 20	
Lynn Vaughan  K. FROST	50° 50° 123° 123° 123° 123° 123° 123° 123° 123	550 550 555 577 560 550 577 560 560 140	525 525 525 537 537	\$16551 \$16551 40° 23° 0° 20°	\$11 \$25 \$17 \$13# \$22 \$17 \$17 \$20 \$22 \$17 \$17 \$17 \$20 \$22 \$17 \$17 \$17 \$20 \$22 \$17 \$17 \$17 \$17 \$17 \$17 \$17 \$17 \$17 \$17
NOAA FORM 24-13				USC	OMM-DC 44289-P72

FOR 760323 - 720606 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 the	Taken around the body immediatly behind fore flipper.	
Maximum Girth	cm	N/A	The largest circum- ference 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 dis tance from the tips of the first and last digits (not claws) of the spread flipper.	<b>-</b>

F- 760323 + 760606 B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS	METHODS OF OBSERVATION AND INSTRUMENTS USED	ANALYTICAL METHODS (INCLUDING MODIFICATIONS)	DATA PROCESSING TECHNIQUES WITH FILTERING
	OR CODE	(SPECIFY TYPE AND MODEL)	AND LABORATORY PROCEDURES	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 cuvilinear distant from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in female	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the antrior notch of the anus.	
Tail Length	cm	N/A	Measured from the ex- ternally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volumn	cubic cm	N/A	Water displacement	
Testes #1	<u>ल्या</u>	N/A	Taken at the middle of the testes.	•
Length Testes #1	mm	N/A	"	
Width Testes #2	mm	N/A	11	
Length Testes #2 Width	mm	N/A	11	

For 760323 + 760606 B. SCIE FIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	R CODE (INSTRUMENTS USED (INCLUDING MODIFICATIONS) TECHNIQUE (SPECIFY TYPE AND MODEL) AND LABORATORY PROCEDURES AND		
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.	
		<i>i</i> !		
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#### B. SCIENTIFIC CONTENT

		b. SCIENTIFIC C	· · · · · · · · · · · · · · · · · · ·	
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 esophagel and small intestine tissue.	N/A
Weight of empty stomach	grams	11	Stomachs emptied of their contents and weighed intact.	. <b>II II</b>
Weight of stomach contents	grams	n n	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	
Number of preys	numeric	N/A	Manual sorting and counting.	
Volume of preys items id entitied	m1.	Graduated cylinder	Water displacement	
Weight of prey	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	tt ti
laximum length of prey item	mm -	Ruler	Prey itemSheld along side of a ruler.	11 11
linimum length of proy item iduation	mm	Ruler	Prey itemSheld along side of a ruler.	11 11
·				•
DA A FORM 24-13 (3-72)				USCOMM•DC 44280•

Layout Transect 1/4 mile yy wite M mile Vamile

#### 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 IDE	NTIFYING EA	CH RECORD TYPE	
For File typ submitted.	e 025 re These ar	cord types # re labeled as	1,2,3,6,7,& 8 are being file ident. 760232 and 760606.
			has record types # 1,2,3,4,5,& 6.
		,	e de la companya de
2. GIVE BRIEF DESCRIP	TION OF FILI	E ORGANIZATION	
are, in order documented s	, 760232 eparaté1	, 760606, 01Т07 У•	submitted on this tape. They 76, & OlDC76. OlDC76 is
DATA FROM FILE OF 676NOM.	ID 760606	SEQUENCE # 153-	-216 and 1152-1207 HAVE A NEW FILE ID
TRIBUTES AS EXPE	·	PL-1	ALGOL COBOL LANGUAGE
NAME AND I	емии зионе	ERJIM Bal	
ADDRESS	Geophys	icar institut	ce University of Alaska 99701
COMPLETE THIS S	ECTION IF D	ATA ARE ON MAGNET	TIC TAPE
5. RECORDING MODE	<b>В</b> вср	BINARY	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH
	ASCII	EBCDIC	·
			10. END OF FILE MARK
6. NUMBER OF TRACKS			
(CHANNELS)	SEVEN		<u> </u>
	NINE		11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS
			OF DATA TYPE, VOLUME NUMBER)
7. PARITY	mz -		230,231,232 025 & 026
	N ODD		760323,760606,017076 05/75 - 06/76 Vaughan L
8. DENSITY			7-track, 800 BPI, BCD
	200 BPI	1600 BPI	2-9-77.   Reel Replaces all data
	556 BPI		12. PHYSICAL BLOCK LENGTH IN BYTES
	X 800 BPI		PO
			13. LENGTH OF BYTES IN BITS
NOAA FORM 24-13			
HEAD FORM \$4-13			USCOMM-DC 44289-P72

76-17-64

#### DATA DOCUMENTATION FORM

77-0220 TR0535

AA 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 COMP	LETED BY DONOR F	OR ALL D	ATA TRANSHIT	TALS		
1. NAME AND ADDRESS OF IN	STITUTION, LABOR	ATORY, OF	R ACTIVITY WIT	H MHICH SUBMI	TTED DATA AF	RE ASSOCIATED
Alaska Dept 1300 Colleg Fairbanks,	d Game	:	R.U.# 23	30 & 231 8	k 232	
2. EXPEDITION, PROJECT, OF DATA WERE COLLECTED	R PROGRAM DURING	WHICH		BER(S) USED E	Y ORIGINATOR	TO IDENTIFY
Outer Conti Energy Prog	nental Shelf ram		File Ide	entifiers	676GAM	
				m 7606		<u> </u>
4. PLATFORM NAME(S) For File ident.	5. PLATFORM TYPE (E.G., SHIP, BUO		NATIONALIT			TES
676GAM		<b>i</b>	PLATFORM	OPERATOR	FROM MO DAY, YE	TO: MO/DAY/YR
LAND SURVEY		j		·	05/11/76	06/06/76
8. ARE DATA PROPRIETARY			SE DARKEN ALI			
NO X YES		DATA	COLLECTED	AT GAMBELL.	•	
IF YES, WHEN CAN THE FOR GENERAL USER			· ·	GENERAL AR	E A	
9. ARE DATA DECLARED NAT	TIONAL	100° 120° 1	140° 150° 130° 130° 140	. 150. 100. 10. eg.	40° 20° 8° 23°	40" 54" 83" 150"
(I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?)		218	727		\$ 21/2	
NO YES PART	(SPECIFY BELOW)	276	2017	191 132	16 120	212 207 60°
10. PERSON TO WHOM INQUIRED DATA SHOULD BE ADDRESS PHONE NUMBER (AND ADDITION IN ITEM-I)  Lynn Vaughan  K. FROS	SED WITH TELE- RESS IF OTHER	120, 123, 123, 123, 123, 123, 123, 123, 123	103   123   123   124   125	119 112 119 119 112 119 112	Later Control	73.

FOR 760323 - 760606 B. SCIENTIFIC CONTENT

NAME OPDATA 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	Сm	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 circum- ference around the abdomen.	
Front Flipper Length	c m	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.	<b>-</b>

For 760323 + 760606 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 cuvilinear distant from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in female	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the antrior 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 Volumn	cubic cm	N/A	Water displacement	•
Testes #1 Length	Ein.	N/A	Taken at the middle of the testes.	
Testes #1 Width Testes #2	min mm	n/a n/a	11	
Length Testes #2 Width	mm	N/A	tt tt	·

The 760323 + 760606B. SCIENTIC 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	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide	
Epididymis			and examined under 78X of 300X magnification.	
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		·		
				· .
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### 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 esophagel and small intestine tissue.	N/A
Weight of empty stomach	grams	11	Stomachs emptied of their contents and weighed intact.	
Weight of stomach contents	grams	t1 t1	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	11 11
Number of preys	numeric	N/A	Manual sorting and counting.	11 - 11 -
Volume of prevs items identified	ml.	Graduated cylinder	Water displacement	
Weight of prey	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	ti ti
Maximum length of prey item	mm -	Ruler	Prey itemSheld along side of a ruler.	
Minimum length of proy item iduation	mm. 	Ruler	Prey itemSheld along side of a ruler.	11 11
·				
				USCOMM-DC 44289-P7;

halle local.

Transect yy wite Klmile 1/4 mile Vamile

#### C. DATA FORMAT

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

GIVE METHOD OF IDE				
		ecord types # re labeled as		8 are being 760232 and 760606.
File type 07	26, file	ident. 01T076	6 has record	types # 1,2,3,4,5,& 6.
	• .			
		·	· · · · · · · · · · · · · · · · · · ·	
. GIVE BRIEF DESCRIF	TION OF FIL	E ORGANIZATION		
are, in order documented s	r, 760232 separaté		76, & 01DC76.	, 01DC76 is
DATA FROM FILE	ID 760606	SEQUENCE # 77-15	52 and 1248-1339	9 HAVE A NEW FILE ID OF 6760
				•
	PHONE NUME	SERJIM Bal	Ldrige 9	LANGUAGE 907-479-7347 ty of Alaska 99701
COMPLETE THIS	SECTION IF D	ATA ARE ON MAGNE	TIC TAPE	,
S. RECORDING MODE	BCD	BINARY	9. LENGTH OF INT	ER- F KNOWN) 3/4 INCH
·	ASCII	X EBCDIC	·	
		· · · · · · · · · · · · · · · · · · ·	10. END OF FILE M.	OCTAL 17
S, NUMBER OF TRACKS	S SEVEN			
	NINE		ORIGINATOR NA	ER LABEL DESCRIPTION (INCLUDE IME AND SOME LAY SPECIFICATIONS , VOLUME NUMBER)
			830,231,	232 025 & <u>026</u> .
7. PARITY	Дорр		760323,7	60606,017076
	EVEN		05/75 - 7-track,	96/76 Vaughan,L 800 BPI, BCD
B. DENSITY	200 BPI	1600 BPI	025 FROS 2-9-77	T RUZ30 I Reel Replaces all dola
	556 BPI		12. PHYSICAL BLOO	CK LENGTH IN BYTES
	X 800 BPI		13. LENGTH OF BY	TES IN BITS
			A.	

USCOMM-DC 44183-P72

NOAA FORM 24-13

77-0220

#### DATA DOCUMENTATION FORM

TR0536

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 DONG	R FOR ALL I	DATA TRANSHIT	TALS	·	•
1. NAME AND ADDRESS OF INSTITUTION, LAB	ORATORY, O	RACTIVITYWIT	н мнісн ѕивм	ITTED DATA AF	RE ASSOCIATED
Alaska Dept, of Fish 1300 College Road Fairbanks, Alaska 997			R.U.# 2	30 & 251 8	k 232
2. EXPEDITION, PROJECT, OR PROGRAM DUR DATA WERE COLLECTED	ING WHICH		ABER(S) USED I	BY ORIGINATOR	TO IDENTIFY
Outer Continental She Energy Program	lf	File Ide	entifiers 760606	376SAV	
4. PLATFORM NAME(S) 5. PLATFORM T (E.G., SHIP, E		6. PLATFORM A NATIONALIT	Y(IES)		
376SAV LAND SURVEY	:	PLATFORM	OPERATOR	<sub>Е ЯПЫ</sub> МОДОЛУДУ 02/29/76	03/27/76
B. ARE DATA PROPRIETARY?	(11. PLEA	SE DARKEN ALI	L MARSDEN SO	LUARES IN WHIC	H ANY DATA
NO YES	CONT		SUBMISSION W	ERE COLLECT	
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEARMONTH_			GENERAL A	REA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?  (I.E., SHOULD THEY BE INCLUDED IN WOR DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)  NO YES PART (SPECIFY BELOW DATA SHOULD BE ADDRESSED WITH TELE	218 22 24 25 25 25 25 25 25 25 25 25 25 25 25 25	140° 123° 130° 150° 140° 123° 123° 123° 123° 123° 123° 123° 123	120 120 ED 60	40° 23° 0° 23° 24° 25° 25° 25° 25° 25° 25° 25° 25° 25° 25	22 0 102 20 102 20 100 100 100 100 100 1
PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)  NAME - Vaughan  K. FROST	120° 123°	10. 13. 13. 13. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	25. 120. 130. 13. 20. 20. 20. 20. 20. 20. 20. 20. 20. 20		0, 15 19, 19, 19, 19, 19, 19, 19, 19, 19, 19,

FOR 760323 - 760606 B. SCIENTIFIC CONTENT

NAME DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVAT 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 to the second secon	Taken around the body immediatly behind fore flipper.	
Maximum Girth	cm .	N/A	The largest circum- ference 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 dis tance from the tips of the first and last digits (not claws) of the spread flipper.	

F- 760323 + 760606 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 cuvilinear distant from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in female	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the antrior 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 Volumn	cubic cm	N/A	Water displacement	
Testes #1 Length	<b>SOLIT</b>	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm	N/A	, n	•
Testes #2 Length	mm	N/A N/A	n 0	
Testes #2 Width	mm	N/A	·	USCOMM-DC 44289-F

For 760323 + 760606 B. SCIENTIFIC CONTENT

For 160323	- 160606		
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
code	N/A	Epididymis are sliced	
		squeezed onto a slide	
		of 300X magnification.	
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	REPORTING UNITS	REPORTING UNITS OR CODE  METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)  CODE  N/A	REPORTING UNITS OR CODE  METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)  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

		B. SCIENTIFIC C		
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 esophagel and small intestine tissue.	N/A
Weight of empty stomach	grams	11	Stomachs emptied of their contents and weighed intact.	. 11 11
Weight of stomach contents	grams	11 11	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	
Number of preys	numeric	N/A	Manual sorting and counting.	tt ti
Volume of preys	m1.	Graduated cylinder	Water displacement	
Weight of prey	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	tt tt
Maximum length of prey item identified	<u>mm</u> .	Ruler	Prey itemSheld along side of a ruler.	tt tt
Minimum length of proy item idealised	mm	Ruler	Prey itemSheld along side of a ruler.	

116 (8 2001)

Transect yy mile Vamile /4 mile 1/4 mile

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## C. DATA FORMAT

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

	CONTAINED IN THE TRANSMIT	
For File type submitted.	oe 025 record types These are labeled a	# 1,2,3,6,7,& 8 are being as file ident. 760232 and 760606.
File type 02	26, file ident. OlTO MPE ON TAPE 15	76 has record types # 1,2,3,4,5,& 6.  MISLAGE LED '\$27'.
		in the second se
2. GIVE BRIEF DESCRIF	TION OF FILE ORGANIZATION	
are, in order docymented s	r, 760332,760606,011 separately.	submitted on this tape. They 2076, & OlDC76. OlDC76 is
DATA TROIT 1 122		
A. RESPONSIBLE COMP NAME AND ADDRESS	JTER SPECIALIST: Jim E	LANGUAGE  Baldrige 907-479-7347  Sute University of Alaska 99701
_		
5. RECORDING MODE	BCD BINARY  ASCII EBCDIC	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  10. END OF FILE MARK OCTAL 17
6. NUMBER OF TRACKS (CHANNELS)	SEVEN    NINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
		230 231 232 025 2 20
7. PARITY	ODD	760323,760606,01T076 05/75 06/76 Vaughan,L
8. DENSITY	200 BPI 1600 BPI	2 track, 800 BPI, BCD 025 FROST RV 230 2-9-77   Reel Replaces all data 12. PHYSICAL BLOCK LENGTH IN BYTES
NOAA FOHM 24-13	X 800 BPI	13. LENGTH OF BYTES IN BITS
		USCOMM-DC 44282-P72

### DATA DOCUMENTATION FORM

FORM 24-13

U.S. DEPARTMENT OF COMMERCE NAL OCEANIC AND ATMOSPHERIC ADMINISTR NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION ROCKVILLE, MARYLAND 20832

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. ORIG	INATOR	IDENTIFICATI	ион		
THIS SECTION MUST BE COMP	LETED BY DONOR F	OR ALL D	ATA TRANSMIT	TALS		•
1. NAME AND ADDRESS OF IN	STITUTION, LABOR	ATORY, OF	R ACTIVITY WIT	H WHICH SUBM	TTED DATA AF	E ASSOCIATED
Alaska Dept 1300 Colleg	, of Fish and e Road	d Game				·
	Alaska 99701			R.U.# 23	30 & 231 8	£ 232
2. EXPEDITION, PROJECT, OF DATA WERE COLLECTED	R PROGRAM DURING	WHICH		BER(S) USED E	ORIGINATOR	TO IDENTIFY
Outer Conti	nental Shelf ram		File Ide	entifiers	576PTH	;
				760606)	,	
4. PLATFORM NAME(S) For File ident.	5. PLATFORM TYPE (E.G., SHIP, BUO)		6. PLATFORM A NATIONALIT			TES .
576PTH LAND SURVEY			PLATFORM	OPERATOR	03/07/76	то: <sup>мо</sup> / <sup>DAY</sup> / <sup>YR</sup> 05/27/76
8. ARE DATA PROPRIETARY:  NO YES  IF YES, WHEN CAN THE		CONT		W HOIZSIMBUZ.		
FOR GENERAL USE?	EARMONTH		·			
9. ARE DATA DECLARED NAPROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?)  NO YES PART	CLUDED IN WORLD FOR INTERNA- (SPECIFY BELOW)	100° 120° 228 40° 229 170 131 142 23° 23° 23° 23° 23° 23° 23° 23° 23° 23	150° 150° 150° 150° 150° 150° 150° 150°	170" 1C0" 80" 60" 10" 12" 12" 12" 12" 12" 12" 12" 12" 12" 12	10° 10° 10° 27° 10° 12° 12° 12° 12° 12° 12° 12° 12° 12° 12	tr 52° 80° 120°  722
DATA SHOULD BE ADDRESS PHONE NUMBER (AND ADDITION IN ITEM-1)  Lynn - Vaughan  K. FROST	SED WITH TELE-	6. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25	140. 120. 120. 120. 120. 120. 120. 120. 12	25   120   120   10   10   10   10   10	522-0 	22

HOAA FORM 24-13

USCOM4-DC 44289-P72

FOR 760323 - 760606 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 th	Taken around the body immediatly behind fore flipper.	
Maximum Girth	cm	N/A	The largest circum- ference 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 dis tance from the tips of the first and last digits (not claws) of the spread flipper.	
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For 760323 + 760606 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 cuvilinear distant from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in female	· ·
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the antrior notch of the anus.	
Tail Length	cm	N/A	Measured from the ex- ternally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volumn	cubic cm	N/A	Water displacement	
Testes #1 Length	<b>W</b> ID	N/A	Taken at the middle of the testes.	
Testes #1 Width	mm-	A\u		
Testes #2	mm	N/A	. 11	
Length Testes #2 Width	mra	N/A	17	

760323 + 760606 B. SCIENTIFIC CONTENT

NOAA FORM 24-13 13-721

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.	•
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			•	··
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USCOMM-DC 44289-P72

# 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 esophagel and small intestine tissue.	N/A
Weight of empty stomach	grams	11	Stomachs emptied of their contents and weighed intact.	- भ भ
Weight of stomach contents	grams	11 11	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	tr tr
Number of preys	numeric	N/A	Manual sorting and counting.	11 11
Volume of preys	ml	Graduated cylinder	Water displacement	tt tt
Weight of prey	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	tt - 11
Maximum length of prey item	wm.	Ruler	Prey itemSheld along side of a ruler.	11 11
Minimum length of proy item ; down fied	mm.	Ruler	Prey itemSheld along side of a ruler.	11 11
				•
NO A A FORM 24-13 (3-72)				USCOMM-DC 44289-P72

Transect /4 mile Vamile Yumile 1/4 mile

## C. DATA FORMAT.

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

I. LIST RECORD TYPES CO			OF YOUR FILE	
			1,2,3,6,7,& 8 are file ident, 760232	
			has record types	
	•			à.
2. GIVE BRIEF DESCRIPTI	ON OF FILE	ORGANIZATION		
Four file ide are, in order, documented se	760232	,760606,01T07	ubmitted on this to 6, & 01DC76. 01DC	tape. They 176 is
DATA FROM FILE I OF 576PTH.	D 760606	SEQUENCE # 466-	716 and 1024-1151 HAVE	A NEW FILE ID
		:		
				·
4. RESPONSIBLE COMPUT NAME AND PI ADDRESS	HONE NUMBE	erJim_bai	drige 907-479	9-7347
COMBI ETE TUIC SE	CTION: IF DA	TA ARE ON MAGNET	IC TAPE	
5. RECORDING MODE	ВСД		9. LENGTH OF INTER- RECORD GAP (IF KNOWN)	3/4 INCH
			10. END OF FILE MARK	OCTAL 17
6. NUMBER OF TRACKS (CHANNELS)	SEVEN			
J	MINE		11. PASTE-ON-PAPER LABEL ORIGINATOR NAME AND S OF DATA TYPE, VOLUME	OME LAY SPECIFICATIONS
7. PARITY	ODD		230,22,232 760323,760606,0 05/75 06/76	025 & 026 01T076 Vauspan, L
B. DENSITY	200 BPI	1600 BPI	2 track, 800 BP 025 FROST R 2-9-77 / Rep	BCD 230
	556 BPI		12. PHYSICAL BLOCK LENGT	regitals. as
	X 800 BPI		13. LENGTH OF BYTES IN BI	rs
	□	······································	·	·
NOAA FORM 24-13				USCOMM-DC 4:282-P72

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ACCESSION NUMBER

#### DATA DOCUMENTATION FORM

A FORM 24-13

U.S. DEPARTMENT OF COMMERCE
OCEANIC AND ATMOSPHERIC ADMINISTRATION NAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION ROCKVILLE, MARYLAND 20832

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 F	OR ALL D	ATA TRANSHIT	TALS		
1. NAME AND ADDRESS OF INSTITUTION, LABORA				ITTED DATA A	RE ASSOCIATED
Alaska Dept, of Fish and 1300 College Road Fairbanks, Alaska 99701	d Game		R.U.# 2	30 & <i>23</i> 1	& 232
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED	WHICH		MBER(S) USED E	BY ORIGINATOR	R TO IDENTIFY
Outer Continental Shelf Energy Program			entifiers	476CLI	
		7 77	760606).		
4. PLATFORM NAME(S)  5. PLATFORM TYPE (E.G., SHIP, BUO)		6. PLATFORM A NATIONALIT	AND OPERATOR Y(IES)	7. DA	TES
For File ident.		PLATFORM	OPERATOR	FROM MODAY, YI	TO: MO DAY YR
LAND SURVEY	· · · · · · · · · · · · · · · · · · ·			03/10/76	04/20/76
B. ARE DATA PROPRIETARY?  NO YES	CONTA		SUBMISSION W	UARES IN WHICH ERE COLLECT ISBURNE.	
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEARMONTH		• ·	GENERAL AF	₹E.A	
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)	100° 120° 1 275	23	22) 22) 22) 23) 139 139 139 139 139 139 139 139 139 139	40° 20° 6° 27°	47 53 40° 130° 130° 130° 130° 130° 130° 130° 13
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)  Lynn Vaughan K. FROST	173. 151, 173, 173, 174, 173, 174, 173, 174, 174, 174, 174, 174, 174, 174, 174, 174, 174, 174,	149, 129, 120, 120, 140, 120, 140, 120, 120, 120, 120, 120, 120, 120, 12	01 01 02 02 03 07 07 07 07 07 07 07 07 07 07 07 07 07	25. 6. 50. 10. 10. 10. 10. 10. 10. 10. 10. 10. 1	1

For 760323 - 760606 B. SCIENTIFIC CONTENT

Curvilinear Length  Axillary Girth  Maximum Girth  Front Flipper Length	cm cm cm	N/A 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.  Taken around the body immediatly behind foreflipper.  The largest circumference around the	
Girth  Maximum Girth  Front Flipper	cm		immediatly behind fore- flipper.  The largest circum- ference around the	•
Girth Front Flipper		N/A	ference around the	
	cm		abdomen.	
		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.	•

For 760323 + 760606 B. SCIENTIFIC CONTENT

1 4	160323°	+ 760606 b. sci		
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 cuvilinear distant from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in female	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the antrior 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 Volumn	cubic cm	N/A	Water displacement	·
Testes #1 Length	enti.	N/A	Taken at the middle of the testes.	
Testes #1	inm-	N/A	"	
Width Testes #2	mm	N/A	tr II	
· Length Testes #2 Width	ıım	N/A	11	

For 760323 + 760606 B. SCI TIFIC CONTENT

	For 160323	+ 760606 B. SCI PIFIC C	VITI LITE		
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.		
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# B. SCIENTIFIC CONTENT

		B. SCIENTITE C		
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 esophagel and small intestine tissue.	N/A
Weight of empty stomach	grams	11	Stomachs emptied of their contents and weighed intact.	11 11
Weight of stomach contents	grams	11 11	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	11 - 11
Number of preys	numeric	N/A	Manual sorting and counting.	и и
Volume of preys	ml	Graduated cylinder	Water displacement	<b>u u</b>
Weight of prey	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	tt ti
Maximum length of prey item	mm -	Ruler	Prey itemSheld along side of a ruler.	
Minimum length of proy item identified	mm.	Ruler	Prey itemSheld along side of a ruler.	н п
•				•
NOAA FORM 24-13 (3-72)		:		U5COMM-DC 44289-P

Transect Muile My mile Vamile /4 mile #

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# 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 MEXIOD OF IDENTIFYING EACH RECORD TYPE

For File typ submitted.	e 025 re These ar	ecord types # re labeled as	1,2,3,6,7,& 8 are being file ident. 760232 and 760606.
File type 02	6, file	ident. 01T076	has record types # 1,2,3,4,5,& 6.
			<b>*</b>
, GIVE BRIEF DESCRIP	TION OF FIL	E ORGANIZATION	
are, in order documented s	, 760232 eparatel	2,760606,01T07 Ly.	ubmitted on this tape. They 6, & OlDC76. OlDC76 is 458 HAVE A NEW FILE ID OF 476CLI.
ADDRESS	ITER SPECIA PHONE NUME Geophys	X FORTRAN C	e University of Alaska 99701
COMPLETE THIS S	BCD  ASCII	BINARY EBCDIC	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  10. END OF FILE MARK
5. NUMBER OF TRACKS (CHANNELS)	SEVEN		11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY  8. DENSITY	200 BPI	☐ 1600 BPI	230,231,232 025 & 026 760323,760606,01T076 05/75 06/76 Vaughan, L 2-track, 800 BPI, BCD 25 12057 RU230 2-9-77 1 Reel Neglaus 9/1 data 12. PHYSICAL BLOCK LENGTH IN BYTES P3 13. LENGTH OF BYTES IN BITS
10 A A FORM 24-13			USCOMM-DC 41:289-P72

ACCESSION NUMBER

#### DATA DOCUMENTATION FORM

FORM 24-13

U.S. DEPARTMENT OF COMMERCE NAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION

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 F	OR ALL D	ATA TRANSHIT	TALS		•
1. NAME AND ADDRESS OF INSTITUTION, LABORA	ATORY, OF	R ACTIVITY WIT	н үнісн ѕивмі	TTED DATA AF	E ASSOCIATED
Alaska Dept, of Fish and 1300 College Road Fairbanks, Alaska 99701	d Game		R.U.# 23	30 & 281 8	232
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED	WHICH		BER(S) USED B	Y ORIGINATOR	TO IDENTIFY
Outer Continental Shelf Energy Program		File Ide	entifiers	876BAR	
		(From	760606)		
4. PLATFORM NAME(S) 5. PLATFORM TYPE (E.G., SHIP, BUO)		6. PLATFORM A NATIONALIT	Y(IES)		res
876BAR	i	PLATFORM	OPERATOR	FROM MODAY,YE	
LAND SURVEY	; ; ,			05/06/76	11 ば 08/07/76
B. ARE DATA PROPRIETARY?  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?)  NO YES PART (SPECTY BELOW)  10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I)  LYMIT VAUGINATION  LYMIT VAUGIN	CONTA CO  100- 120- 27- 20- 22	SE DARKEN ALL AINED IN YOUR  SLLECTED AT  143, 153, 153, 153, 153, 153, 153, 153, 15	SUBMISSION WE BARROW GENERAL AR  123' 100' 80' 80' 227 227 227 227 227 227 227 227 227 22	EA 40° 20° 6° 27° 27° 27° 27° 27° 27° 27° 27° 27° 27	

For 1	60323 - 76		ONIENI	
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 the	Taken around the body immediatly behind fore flipper.	•
Maximum Girth	cm	N/A	The largest circum- ference around the abdomen.	
Front Flipper Length	C m	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.	

F- 760323 + 760606 B. SCIENTIFIC CONTENT

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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 cuvilinear distant from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in female	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the antrior 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 Volumn	cubic cm	N/A	Water displacement	
Testes #1 Length	mm	N/A	Taken at the middle of the testes.	
Testes #1	mir	N/A		
Width Testes #2	mm	N/A	tr tr	
Length Testes #2 Width	ıım	N/A	п	

760323 + 760606 B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	← 760606 B. SCIENTFIC C 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.	
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# 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 esophagel and small intestine tissue.	N/A
Weight of empty stomach	grams	11 11	Stomachs emptied of their contents and weighed intact.	, ин
Weight of stomach contents	grams	11 11	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	tt ti
Number of preys	numeric	N/A	Manual sorting and counting.	
Volume of previous items identified	m1.	Graduated cylinder	Water displacement	
Weight of prey	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	ti ti
Maximum length of prey item	mm ·	Ruler	Prey itemSheld along side of a ruler.	
Minimum length of proy item ; \down, \ieldow	mm.	Ruler	Prey itemSheld along side of a ruler.	11 11
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				•
				USCOMM-DC 44289-P

Layout Transect yy mile 1/4 mile Vamile 1/4 mile

# C. DATA FORMAT

GOMPLETE THIS SECTION FOR PUNCHED CARDS	OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.
I. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL GIVE METHOD OF IDENTIFYING EACH RECORD TYPE	OF YOUR FILE
For File type 025 record types # submitted. These are labeled as	1,2,3,6,7,& 8 are being file ident. 760232 and 760606.
File type 026, file ident. 01T076	has record types # 1,2,3,4,5,& 6.
	į į
2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION	
Four file identifiers are being s are, in order, 760232,760606,01707 documented separately.	
DATA FROM FILE ID 760606 SEQUENCE # 1-76	and 1208-1240 HAVE A NEW FILE ID OF 876BAR
A. RESPONSIBLE COMPUTER SPECIALIST:  NAME AND PHONE NUMBER  ADDRESS Geophysical Institut	
S. RECORDING MODE    Solit	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  10. END OF FILE MARK
6. NUMBER OF TRACKS SEVEN  (CHANNELS)  NINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY ODD	230,231,232 025 & 026 760323,760606,017076 05/75 - 06776 Yaughan,L 2-track,800 BPI, BCD
8. DENSITY    200 BPI   1600 BPI   556 BPI	12. PHYSICAL BLOCK LENGTH IN AYTES  13. LENGTH OF BYTES IN BITS
NO AA FORM 24-13	USCOMM-OC 44139-272

#### DATA DOCUMENTATION FORM

FORM 24-13

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

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. ORIG	INATOR	IDENTIFICAT	אסו	•	• .
THIS SECTION MUST BE COMP	LETED BY DONOR F	OR ALL D	ATA TRANSMIT	TALS		
1. NAME AND ADDRESS OF IN	STITUTION, LABOR	ATORY, OF	ACTIVITY WIT	H WHICH SUBM	ITTED DATA AF	E ASSOCIATED
13 - also Down	of Pich pro	d Como			•	
1300 Colleg	, of Fish and	u vanie				
	Alaska 99701			R.U.# 2	30 & 231 8	£ 232
rair oamo,	,,,,,,		•		. /	
2. EXPEDITION, PROJECT, O	R PROGRAM DURING	WHICH		BER(S) USED E	BY ORIGINATOR	TO IDENTIFY
	tol Chalf			entifiers	E76CHV	
	nental Shelf		LITE IN	SUCTITETS	3763UV	· ·
Energy Prog	r địn					į l
	·		(Fr	m 760	606)	
4. PLATFORM NAME(S)	5. PLATFORM TYPE		S. PLATFORM A	ND OPERATOR	7. DA	TES
For File ident.	(E.G., SHIP, BUO	1, E1C.)	PLATFORM	OPERATOR	FROM MODAY,YE	MO,DAY,YR
SURVEYOR	SHIP	<i>*</i>		OI ENATOR	It MUM.	10: /
Legs IA, IIA	5/11/	1	US	US	03/19/76	05/01/76
		<i>!</i> :				
B. ARE DATA PROPRIETARY	?				UARES IN WHICH	
NO YES		CONT	NINED IN YOUR	W MOISSIMBUS.	ERE COLLECTE	ED.
14-140 ME 153	•	DAT/	COLLECTED	FROM THE BE	ERING SEA.	
IF YES, WHEN CAN TH FOR GENERAL USE?				GENERAL AR	REA	-
9. ARE DATA DECLARED NA						
PROGRAM (DNP)?  (I.E., SHOULD THEY BE IN	CLUDED IN WORLD	100. 150.	ra. 120. 123. 123. 173		17 67 20 0 27	
DATA CENTERS HOLDING				计学验证		
TIONAL EXCHANGE?)		80.				+
NO YES PAR	(SPECIFY BELOW)					30.50
·		40° 131° 151				105 40"
		20' 500	155 123 156 252		013 163	*** n.
10. PERSON TO WHOM INQUIRED DATA SHOULD BE ADDRES		• 起其	5 7 1 100		1000	
PHONE NUMBER (AND ADI		20.				20*
THAN IN ITEM-1)		一道		113 1/15	3030	37 32 42
Lynn Vaughan		"   4	1,411,111	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	
JR. FRUST		50.			3	313 55 to-
			100		51455	
		Pil_1_1				POLITICAL

NOAA FORM 24-13

For 760323 - 760606 B. SCIENTIFIC CONTENT

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 curva- ture 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 tr	Taken around the body immediatly behind fore flipper.	
Maximum Girth	cm	N/A	The largest circum- ference 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 dis tance from the tips of the first and last digits (not claws) of the spread flipper.	<del>-</del>

F- 760323 + 260606 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 cuvilinear distant from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in female	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the antrior 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 Volumn	cubic cm	N/A	Water displacement	
Testes #1	zam	N/A	Taken at the middle of the testes.	
Length Testes #1	าสหา	N/A	"	
Width Testes #2	mm	N/A	11	
Length Testes #2 Width	nira	N/A	"	USCOMM-DC 44289-P7

For 760323 + 760606 B. SCIENTIFIC CONTENT

		METHODS OF OBSERVATION AND	ANALYTICAL METHODS	DATA PROCESSING
NAME OF DATA FIELD	REPORTING UNITS OR CODE	INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	(INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	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.	•
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# 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 esophagel and small intestine tissue.	N/A
Weight of empty stomach	grams	" "	Stomachs emptied of their contents and weighed intact.	. 11 11
Weight of stomack contents	grams	71 11.	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	tt tt
Number of preys	numeric	N/A	Manual sorting and counting.	11 11
Volume of preys	ml.	Graduated cylinder	Water displacement	tt tt
Weight of prey	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	tt tt
Maximum length of prey item	mm . -	Ruler	Prey itemSheld along side of a ruler.	tt tt
Minimum length of proy item idealistica	mm.	Ruler	Prey itemSheld along side of a ruler.	11 11
·				
NOAA FORM 24-13 (3-72)				USCOMM-DC 44282-P72

Transect /4mile Vamile Yy mile 1/4 mile

i

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL GIVE METHOD OF IDENTIFYING EACH RECORD TYPE	OF YOUR FILE
For File type 025 record types # submitted. These are labeled as	1,2,3,6,7,& 8 are being file ident. 760232 and 760606.
File type 026, file ident. 01T076	i has record types # 1,2,3,4,5,& 6.
2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION	
Four file identifiers are being sare, in order, 760232,760606,01T07 documented separately.  DATA FROM FILE ID 760606 sequence # 797-	76, & 01DC76. 01DC76 is
X FORTRAN	ALGOLCOBOLLANGUAGE
NAME AND PHONE NUMBER J1m Ball Address Geophysical Institut	drige 907-479-7347 se University of Alaska 99701
S. RECORDING MODE  BCD BINARY  ASCII EBCDIC  G. NUMBER OF TRACKS	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  10. END OF FILE MARK  OCTAL 17
(CHANNELS) SEVEN    NINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY ODD EVEN	290,231,232 025 & 026 760323,760606,01T076 05/75 06/76 Vaughan,L 2 track,800 BPI, BCD
200 BPI 1600 BPI	025 FROST RUZ30 2-9-77 I Reel Replaces all Luta 12. PHYSICAL BLOCK LENGTH IN BYTES 80
X 800 BPI	13. LENGTH OF BYTES IN BITS

AA FORM 24-13 USCOMM-DC 44289-P72

11-1764

### DATA DOCUMENTATION FORM

77-0220

TROS41

A FORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20832

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

A. ORIG	SINATUR IDENTIFICATION
THIS SECTION MUST BE COMPLETED BY DONOR F	FOR ALL DATA TRANSMITTALS
1. NAME AND ADDRESS OF INSTITUTION, LABORA	ATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED
Alaska Dept, of Fish and 1300 College Road Fairbanks, Alaska 99701	
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED	G WHICH 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT
Outer Continental Shelf Energy Program	File Identifiers 776WAI  the 2/14/22  (from 760606)
4. PLATFORM NAME(S) For File ident. 776WAI LAND SURVEY	E(S) 6. PLATFORM AND OPERATOR 7. DATES
8. ARE DATA PROPRIETARY?  HO YYES  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 INTERNA- TIONAL EXCHANGE?)  NO YES PART (SPECIFY BELOW)  10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I)  NYMM Vaughan  K. F.COST	100° 120° 143° 120° 120° 120° 140° 120° 120° 80° 60° 40° 20° 0° 20° 43° 57° 83° 134° 134° 134° 120° 120° 140° 120° 140° 80° 60° 40° 20° 0° 20° 43° 57° 83° 134° 120° 134° 120° 120° 120° 120° 120° 120° 120° 120

NOAA FORM 24-13

USCOMM-DC 44289-P72

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0	160243	 760	G C G	

B. SCIENTIFIC CONTENT

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 circum- ference 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 dis tance from the tips of the first and last digits (not claws) of the spread flipper.	<del>-</del>

For 760323 + 760606 B. SCIENTIFIC CONTENT

	× 160323	+ 760606 B. 3CI TIFIC C	ONTENT	
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 cuvilinear distant from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in female	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the antrior 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 Volumn	cubic cm	N/A	Water displacement	
Testes #1	zam.	N/A	Taken at the middle of the testes.	
Length Testes #1	- <b>वाका</b>	N/A	11	
Width Testes #2	mm	N/A	" "	
Length Testes #2 Width	nım	N/A	11	

For 760323 + 760606B. SCI TIFIC CONTENT

	160 323 + 160 606 B. SCI.				
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.		
		.t	of your magnification.	•	
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	·				
				USCOMM-DC 44289-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 esophagel and small intestine tissue.	N/A
Weight of empty stomach	grams	11 11	Stomachs emptied of their contents and weighed intact.	. ##
Weight of stomach contents	grams	11 11	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	
Number of preys	numeric	N/A	Manual sorting and counting.	u u
Volume of preys	ml.	Graduated cylinder	Water displacement	
Weight of prey identified	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	ti ti
Maximum length of prey item identified	mm.	Ruler	Prey itemSheld along side of a ruler.	tt tt
Minimum length of prey item ', but fied	mm. 	Ruler	Prey itemSheld along side of a ruler.	11 11
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Transect Yumile Vamile My wile 1/4 mile

### C. DATA FORMAT

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

1. LIST RECORD TYPES GIVE METHOD OF IDE			OF YOUR FILE		
For File type submitted.	pe 025 re These ar	cord types # e labeled as	1,2,3,6,7,& file ident.	8 are being 760232 and 76	50606.
File type 02	26, file MPE ON	ident. OlT076	has record	types # 1,2,3	3,4,5,& 6.
	• .			ھند	
2. GIVE BRIEF DESCRIF	TION OF FILE	E ORGANIZATION			
are,in order docymented s	r, 760232 separatel	•	6, & 01DC76	this tape. To old the state of	Eney AI.
			÷		
	РНОИЕ ИИМВ	Jim Bai		907-479-7347 ty of Alaska	99701
COMPLETE THIS :	SECTION IF D	ATA ARE ON MAGNET	TIC TAPE		
5. RECORDING MODE	BCD	BINARY   X EBCDIC	9. LENGTH OF IN RECORD GAP (I		Н
			10. END OF FILE M	ARK	17
6. NUMBER OF TRACKS	SEVEN		·		
(CHANNELS)	MINE			ER LABEL DESCRIPTI	
				, VOLUME NUMBER)	· · · · · ·
7. PARITY	ODD		230,231, 760323,7 05/75	232 025 & 0. 60606,01T076 06/76 Vaughai	26
B. DENSITY		1600 BPI	025 Fros 2-9-77 /	800 BPI, 300	es all date
	556 BP1		12. PHYSICAL BLO	CK LENGTH IN BYTES	
	X 800 BPI		13. LENGTH OF BY	TES IN BITS	<del></del>
NOAA FORM 24-13			<del></del>		SCOMM-DC 44189-P72

# DATA DOCUMENTATION FORM

A FORM 24-13

U.S. DEPARTMENT OF COMMERCE NAL OCEANIC AND ATMOSPHERIC ADMINISTRA 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 F	OR ALL	DATA TRANSMIT	TALS		
1. NAME AND ADDRESS OF INSTITUTION, LABOR			H WHICH SUBM	ITTED DATA AF	E ASSOCIATED
Alaela Dept of Fish.	& Gar	w.			
1300 College Kd				7	
1300 College Rd Faubanks AK	9 4	9701	RL	1 230/	232
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED			BER(S) USED E IS SHIPMENT	BY ORIGINATOR	TO IDENTIFY
Outer Continental Shelf &	rengy	File	identifi	iet .	Ì
● Rogram ==		8	76 D1.	5	
4. PLATFORM NAME(S) 5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A NATIONALIT		7. DA	res
055		PLATFORM	OPERATOR	FROM: MO,DAY,YR	TO: MO/DAY/YR
DISCOVERER NOAA SH	a p	USA	USA	8/18/76	9/2/76
8. ARE DATA PROPRIETARY?		SE DARKEN ALL AINED IN YOUR			
No Es		ukchi S			
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEARMONTH	16	6°W	GENERAL AR	EA	· ·
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?	100* 120*	140° 150° 130° 160° 140'	. 150° 100° 83° 53°	40" 20" 0" 20"	10° 50° 80° 100°
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)  NO YES PART (SPECIFY BELOW)	278 C 242 60° 206 170 170 131 1 1 1 1	223 258 237 232 237 232 230 230 240 106 106 120 124	221 221 321 321 321 321 321 321 321 321	25728 217252 1572124 1572124	224 ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)	20° 092 002 002 076 02	099   988   052   052   052   055   056	027 011 319 346 346 347 418 419 419		100 200 200 200 200 200 200 200 200 200
6thryn J Frost 907-452-153/	505 541 577 199 120	500 495 516 531 572 5 567 110 160 120 150 110	526 527 553 120° 130° 50° 53°	519551 1 519551 1 519551 1 519551	542 542 542 542 542 542 542 542 542 542

#### C. DATA FORMAT

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

	ES CONTAINED IN THE TRANSMIT IDENTIFYING EACH RECORD TYP	
ident	nd types 1,2,3 876 DIS cord types diff	Ferentiated by byte 10.
	RIPTION OF FILE ORGANIZATION	
place Sea RIBUTES AS E	ment of list ( sevence # 5    EXPRESSED IN PL-1  EXPORTRAN	ALGOL COBOL LANGUAGE
	S ACID C 70	Crane 907-279-4523 Ext 9750/
5. RECORDING MODE	<del></del>	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  10. END OF FILE MARK OCTAL 17
5. NUMBER OF TRAC (CHANNELS)	SEVEN  NINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY	ODD EVEN	= 025 FROST RV 230 2-9-77   Reel Replaces all data
8. DENSITY	200 BPI 1600 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES
•	800 BPI	13. LENGTH OF BYTES IN BITS
NOAA FORM 24-13		USCOMM-DC 44289-P72

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 esophagel and small intestine tissue.	N/A
Weight of empty stomach	grams	11	Stomachs emptied of their contents and weighed intact.	11 11
Wolven Stomack contents	Erane in	# Graduated cythoder	volumes of prey down summed town; give a total volume	
Number of preys	numeric	N/A	Manual sorting and counting.	11 11
Volume of preys	ml	Graduated cylinder	Water displacement	11 tt
Weight of prey	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	tt tt
Maximum length of previtem identified	mm.	Ruler	Prey itemSheld along side of a ruler.	11 11
Minimum length of prey item identified	m <u>n</u> 1	Ruler	Prey itemsheld along side of a ruler.	11 11
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( )		- " (_)		USCOMM-DC 44285-272

B. SCIENT C 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.	
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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 cuvilinear distant from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in female	
Penis to Anus Length	сm	N/A	The curvilinear distance from the center of the penile orifice to the antrior notch of the anus.	
Tail Length	cm	N/A	Measured from the ex- ternally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volumn	cubic cm	N/A	Water displacement	
Testes #1 Length	esm .	N/A	Taken at the middle of the testes.	
Testes #1	min	N/A	e "	
Width Testes #2	mn	N/A	n II	•
Length Testes #2 Width	m <b>m</b>	N/A		

		B. SCIENTIFIC C	• • • • • • • • • • • • • • • • • • • •	
NAME, O 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	Сm	N/A	Measured over curva- ture 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 circum- ference 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 dis tance from the tips of the first and last digits (not claws) of the spread flipper.	<b></b>
Standard Length	Chr	N/A	The straight line distance from the tip of the nose to the tip of the tail, unimal lying on its belly.	

ACCESSION NUMBER

77.0220 180543

DATA DOCUMENTATION FORM

A FORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCK VILLE, 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

JISE NUMBER(S) ITA IN THIS SHIPM FILE TACE TFORM AND OPE	. PLATFORM AND OF NATIONALITY(IES)	RU USED BY OF MENT  INTITION  ERATOR 7.	230/RIGINATOR TO	232 TO IDENTIFY
THE THE	CRUISE NUMBER(S DATA IN THIS SHI  FILE TA  PLATFORM AND OF NATIONALITY(IES)	USED BY OF MENT	PATE	G M F
THE THE	CRUISE NUMBER(S DATA IN THIS SHI  FILE TA  PLATFORM AND OF NATIONALITY(IES)	USED BY OF MENT	PATE	G MF
THE THE	FIR TO	entifier	Ø97	6 M F
TFORM AND OPE	.PLATFORM AND OF NATIONALITY(IES)	ERATOR 7.	DATE	ΞS
IONALITY(IES)	NATIONALITY(IES)			
<del></del>	<del></del>	RATOR FROM	MOOAY,YRT	O: MO/DAY/YR
N US.	USA U	A 9/2	7/76	10/13/76
	DARKEN ALL MAR			
	of Basin,			1
-	•	ERAL AREA		
130° 150° 140° 120° 120° 120° 120° 120° 120° 120° 12	21/2 22/3 D2/26/27/27/27/27/27/27/27/27/27/27/27/27/27/	80° 50° 40° 722 722 722 722 722 722 722 722 722 72		
1	1057	052 047 016 011 315 319	351 344 341 357 352 July	115 110 (165 155 151 155 151 155 151 155 155 155

### C. DATA FORMAT

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

E METHOD OF	1 00- 400	and 4.005 122170
File	type 025, reco	976 MF
Reco	ord types are	differentiated by byte 10,
·	<u> </u>	
GIVE BRIEF DESC	CRIPTION OF FILE ORGANIZATION	
sp. a sp.	ecemen numbers	and record types whi are arranged in ascending meers, bytes 21-25, order
order.	Sequence nu	mkers, bytes 21-25, order
every	thing and de	termine placement of test
_	<del></del>	
	<del></del>	ALGOL
RIBUTES AS I	EXPRESSED IN PL-1 FORTRAN	ALGOL COBOL LANGLAGE
RIBUTES AS I	EXPRESSED IN PL-1  FORTRAN  IMPUTER SPECIALIST:  IND PHONE NUMBER  FOF A	LANGUAGE  LANGUAGE  COBOL  LANGUAGE  CORRE 907-279-4523 Ext  St. Anchorage AK 99501
RIBUTES AS I	EXPRESSED IN PL-1 FORTRAN  IMPUTER SPECIALIST: IND PHONE NUMBER  SS ACIDC 707 A  HIS SECTION IF DATA ARE ON MAG	LANGUAGE  LANGUAGE  COBOL  LANGUAGE  CORRE 907-279-4523 Ext  St. Anchorage AK 99501
RIBUTES AS I	EXPRESSED IN PL-1 FORTRAN  IMPUTER SPECIALIST: IND PHONE NUMBER FSS ACIDC 707 A  HIS SECTION IF DATA ARE ON MAG	ALGOL COBOL  LANGLAGE  CORRE 907-279-4523 Ext  St. Anchorage AK 9450/  ENETIC TAPE  9. LENGTH OF INTER-
RIBUTES AS I	EXPRESSED IN PL-1 FORTRAN  IMPUTER SPECIALIST: IND PHONE NUMBER FSS ACIDC 707 A  HIS SECTION IF DATA ARE ON MAG  E BCD BINARY ASCII EBCDIC  CKS	ALGOL COBOL  LANGLAGE  O (VAKE 907-279-4523 EXT  St. Anchorage AK 9450)  ENETIC TAPE  9. LENGTH OF INTER-  RECORD GAP (IF KNOWN)  10. END OF FILE MARK
RIBUTES AS I	EXPRESSED IN PL-1 FORTRAN  IMPUTER SPECIALIST: IND PHONE NUMBER SS FEID 707 A  HIS SECTION IF DATA ARE ON MAG  BCD BINARY ASCII SECDIC  CKS SEVEN	ALGOL COBOL LANGLAGE  CARE 907-279-4523 Ext  St. Anchorage AK 9450/  ENETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  10. END OF FILE MARK  OCTAL 17  11. PASTE-ON-PAPER LASE_ DESCRIPTION (INCLUDE)
RESPONSIBLE CON NAME A ADDRESS COMPLETE THE RECORDING MODE.	EXPRESSED IN PL-1 FORTRAN  IMPUTER SPECIALIST: IND PHONE NUMBER FSS ACIDC 707 A  HIS SECTION IF DATA ARE ON MAG  E BCD BINARY ASCII EBCDIC  CKS	ALGOL COBOL LANGLAGE  CORRE 907-279-4523 Eyt  St. Anchorage AK 9450/  ENETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  10. END OF FILE MARK OCTAL 17
RESPONSIBLE CON NAME A ADDRESS OF TRACES	EXPRESSED IN PL-1 FORTRAN  IMPUTER SPECIALIST: IND PHONE NUMBER SS FEIDC 707 A  HIS SECTION IF DATA ARE ON MAG  E BCD BINARY ASCII SECDIC  CKS SEVEN NINE	ALGOL  LANGLAGE  CARE  907-279-4523 Ext  St. Anchorage AK 9450/  ENETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN)  10. END OF FILE MARK  10. END OF FILE MARK  OCTAL 17  ORIGINATOR NAME AND TOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  025 FROST RU 230
RESPONSIBLE CON NAME A ADDRESS COMPLETE THE RECORDING MODES OF THE R	EXPRESSED IN PL-1 FORTRAN  IMPUTER SPECIALIST: IND PHONE NUMBER SS FEID 707 A  HIS SECTION IF DATA ARE ON MAG  BCD BINARY ASCII SECDIC  CKS SEVEN	ALGOL  LANGLAGE  CARE  907-279-4523 Ext  St. Anchorage AK 9450/  ENETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN)  10. END OF FILE MARK  10. END OF FILE MARK  OCTAL 17  ORIGINATOR NAME AND TOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  025 FROST RU 230
RIBUTES AS I	EXPRESSED IN PL-1 FORTRAN  IMPUTER SPECIALIST: IND PHONE NUMBER FORTRAN  IND FORTRA	ALGOL  LANGLAGE  CARE  907-279-4523 Ext  St. Anchorage AK 9450/  ENETIC TAPE  9. LENGTH OF INTER-  RECORD GAP (IF KNOWN)  10. END OF FILE MARK  OCTAL 17  III. PASTE-ON-PAPER LASE - DESCRIPTION (INCLUDE ORIGINATOR NAME AND TOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  O25 FROST RU 230  2-9-77  18th Langlage  19th Langlage  10th Langlage  10th Langlage  11th Langlage  12th Langlage  13th Langlage  14th Langlage  15th
RIBUTES AS I	EXPRESSED IN PL-1 FORTRAN  IMPUTER SPECIALIST: IND PHONE NUMBER SS ACID 707 A  HIS SECTION IF DATA ARE ON MAG  E BCD BINARY ASCII SEBCDIC  CKS SEVEN NINE ODD EVEN	ALGOL  LANGLAGE  CARRO  GARO
RIBUTES AS I	EXPRESSED IN PL-1 FORTRAN  IMPUTER SPECIALIST: IND PHONE NUMBER SS FEIDC 707 A  HIS SECTION IF DATA ARE ON MAG  BCD BINARY ASCII SEBCDIC  CKS SEVEN NINE  ODD EVEN  200 BPI 1600 BPI	ALGOL  LANGLAGE  CAGRE  907-279-4523 EXT  St. Anchorage AK 9450/  ENETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN)  10. END OF FILE MARK  10. END OF FILE MARK  OCTAL 17  ORIGINATOR NAME AND TOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  025 FROST RU 230  2-9-77 / 8t/ ree/  Replaced all desta

NAME O. ATA 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	Çm	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 foreflipper.	
Maximum Girth	Cm	N/A	The largest circum- ference 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	NIA	The straight line distance from the tip of the ness to the tip of the tail, animal lying on its belly	

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 Tength	Om.	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	em	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 cuvilinear distand from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in female	
Penis to Anus Length	cm	N/A 	The curvilinear distance from the center of the penile orifice to the antrior 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 Volumn	cubic cm	N/A	Water displacement	
Testes #1 Length	<del>la</del> m	N/A	Taken at the middle of the testes.	· ·
Testes #1 Width Testes #2	mm min	N/A N/A	0 "	
Length Testes #2 Width	mm .	N/A	10	

# B. SCIENT C 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 Epidiaymis	code	N/A	Epididymis are sliced and a drop of fluid is squeezed onto a slide and examined under 78X of 300X magnification.	
		gi <sup>n</sup>		
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	•			
	·			
DAA FORM 2 1-13 (3-72)		.e ·		USCOMM-DC 44289-

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 esophagel and small intestine tissue.	N/A
Weight of empty stomach	grams	tt tt	Stomachs emptied of their contents and weighed intact.	. 11 11
Volume 是	Erana in	15 Gitaduated cythoder	volumes of prey stems summed to your	11 11
Number of preys	numeric	N/A	Manual sorting and counting.	tt tt
Volume of previous tems in entitled	m1	Graduated cylinder	Water displacement	n tr
Weight of prey dext. Gled	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	11 11
Maximum length of prey item	mm .	Ruler	Prey itemSheld along side of a ruler.	11 11
Minimum length of proy item identified	mm	Ruler	Prey itemSheld along side of a ruler.	ti ii
		_		•

FLB 25 10/1

ACCESSION
FLB 25 10/1

TRO 544

A FORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
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, LABOR				ITTED DATA AR	EASSOCIATED
Alaska Dept of	Fish	& Care	و		
1300 College Rd Fairbanks AK	60-	701			
		· · · · · · · · · · · · · · · · · · ·			
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED	WHICH		IBER(S) USED E IS SHIPMENT	BY ORIGINATOR	TO IDENTIFY
Outer Continental Shelf (	Chera	<u>- ب</u>	1/ NT	$\bigcirc$	
	1,519	97	6 DI		
• Program					
4. PLATFORM NAME(S) 5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A NATIONALIT		1	res
576 DIO coastal vi	1/4 90	PLATFORM	OPERATOR	FROM: MODAY,YR	TO: MO/DAY/YR
village of	de		_ •	23	a 1. ( )
Diomede, AK		USA	USA	5/25/76	8/16/76
B. ARE DATA PROPRIETARY?				UARES IN WHICH	
NO FES	_ `	_	. 1	ERE COLLECTE	ED.
	V101	mede 1A	-		-
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE! YEARMONTH			GENERAL AR	(EA	· .
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?	100" 120" 1	40" 150" 180" 160" 140	. 150. 100. BO. EO.	40" 20" 0" 20" 4	ro. 69. 80. 100.
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA-	7,2	7 273 209		\$ 25,758	282 (1) 105 217
TIONAL EXCHANGE?)	242 80*	237	111 23 72	\$ 21725	243
NO YES PART (SPECIFY BELOW)	206		191	19 19 10	212 207
	400 120 1845	155 160	119		176 7 0 173 400
	20. 09.	073 1188 057 052	07	01/3:03	101 20
10. PERSON TO WHOM INQUIRIES CONCERNING		021 016	011	01016	01/ 02/ 0.
DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER	20. 36	V 55% 3 151	340 B4	336371	867 362 503 338
THAN IN ITEM-1)	40. 433	27 3 23	415	368-11	437 434 40*
OV U TEAT	166	(5)	135	141179	470
Mathryn V Trosi	60. 505	535. 531	136	1:   516/551	511 506 60*
OKathryn J Frost 907-452-1531	57/	507	552	55, 55	530 7/3
107-100 1001	1991 1701 1	140, 180, 130, 130, 140	- 120° 130' 80' 50'	401 201 01 201	43° C3° 80° 130°
NOAA FOHM 24-13	L			USCO	MM-DC 44289-P72

### C. DATA FORMAT

COMPLETE T	HIS SECTION FOR	PUNCHED CARD	S OR TAPE,	MAGNETIC TAPE.	OR DISC SUBMISSIONS.
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T RECORD TYPES CONTAINED EMETHOD OF IDENTIFYING E	O IN THE TRANSMITTAL OF YOUR FILE
Record type Differenti	es 1,2,3,6,7,8, File ident 576050 about by but 10
2. GIVE BRIEF DESCRIPTION OF FIL	LE ORGANIZATION
	order . Sequence #5, kytis 21-25,  ng of determine placement of text cards
3. A RIBUTES AS EXPRESSED IN	00001 - 00099
5. RECORDING MODE	BINARY  BEBCDIC  10. END OF FILE MARK  DATA ARE ON MAGNETIC TAPE  9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  10. END OF FILE MARK OCTAL 17
6. NUMBER OF TRACKS (CHANNELS) SEVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)  025 FNST - RV 230
7. PARITY ODD	2-9-77 1 Reel 1 1600 BP1 Replaces all data
B. DENSITY 200 BPI 556 BPI 800 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES

	Y	D. SCIENTIC C	ONIENI	
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 curva- ture 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 t	Taken around the body immediatly behind fore flipper.	<b></b>
Maximum Girth	cm	N/A	The largest circum- ference around the abdomen.	
Front Flipper Length	c m	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	Сm	N/A	The straight line distance from the tips of the first and last digits (not claws) of the spread flipper.	-
Standard Length	cm	NIA	The straight line distance from the tip of the nose to the tip of the tail, unimal lying on its belly	
		<u>.</u>		

NAME OF DATA FIELD	REPORTING UNITS	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	C m	N/A	The distance along the posterior border of the forelimb, from axilla to tip of longest digit (not claws).	
Hind flipper Width	c m	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 cuvilinear distant from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in female	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the antrior 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).	
Manting Value	cubic cm	N/A	Water displacement	
Testes Volumn Testes #1 Length	和用	N/A	Taken at the middle of the testes.	
Testes #1 Width Testes #2	mire	N/A N/A	11	
Length Tostes #2 Width	: : : : : : : : : : : : : : : : : : :	N/A	11	

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	(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.	,	
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		D. JCILATIFIC C		
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 esophagel and small intestine tissue.	N/A
Weight of empty stomach	grams	rr ti.	Stomachs emptied of their contents and weighed intact.	11 11
Volume Weight of stomach contents	Erana in	12 G: Equated cythoder	water displacement wolumes of prey tems summed to yours	ff 11
Number of preys	numeric	N/A	Manual sorting and counting.	11 11
Volume of preys trems identified	ml.	Graduated cylinder	Water displacement	tt tt
Weight of prey ident; sed	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.	tt It
Minimum length of pray item `don'thed	mm.	Ruler	Prey itemSheld along side of a ruler.	и й
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ACCESSION NUMBER

## DATA DOCUMENTATION FORM

A FORM 24-13

NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION ROCKVILLE, MARYLAND 20832

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 COMP						
1. NAME AND ADDRESS OF IN	STITUTION, LABORA	TORY, OF	R ACTIVITY WIT	н жысн ѕивм	ITTED DATA AP	REASSOCIATED
Alaska Dept 1300 Colleg Fairbanks,	l Game		R.U.# 2	30 & 231 8	£ 232	
`						· .
2. EXPEDITION, PROJECT, OF DATA WERE COLLECTED	R PROGRAM DURING	WHICH		IBER(S) USED E IS SHIPMENT	BY ORIGINATOR	TO IDENTIFY
Outer Conti Energy Prog	nental Shelf ram		File Ide	entifiers Now	876BIR 876BTI	6 11417
	· • • • • • • • • • • • • • • • • • • •		(From	760606	)	(9,11,0)
4. PLATFORM NAME(S) For File ident.	5. PLATFORM TYPE (E.G., SHIP, BUO)		S. PLATFORM A NATIONALIT		İ	TES
876BIR	• •		PLATFORM	OPERATOR	07/20/76	
LAND SURVEY					,	00/03/70
8. ARE DATA PROPRIETARY		CONT		SUBMISSION W	UARES IN WHICERE COLLECT	
IF YES, WHEN CAN TH			•	GENERAL AF	REA	
9. ARE DATA DECLARED NAPROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?)  NO YES PART  10. PERSON TO WHOM INQUIRED DATA SHOULD BE ADDRESS PHONE NUMBER (AND ADDRESS PHONE	CLUDED IN WORLD FOR INTERNA-  (SPECI+Y BELOW)  ES CONCERNING SED WITH TELE-	100° 120° 120° 120° 120° 120° 120° 120°	149° 150° 140° 150° 140 221	271 750° E3° E3° E3° E3° E3° E3° E3° E3° E3° E3	40° 20° 0° 22°    20	42 52 82 120 120 120 120 120 120 120 120 120 12
Lynn Vaughan  K. FRUST		133, 133, 211, 20, 223	10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	9- 155- 156- 157- 158- 159- 159- 159- 159- 159- 159- 159- 159		

For 760323 - 760606 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 curva- ture 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 to	Taken around the body immediatly behind fore flipper.	•
Maximum Girth	cm ·	N/A	The largest circum- ference 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.	<b>-</b>
	•			· ·

F- 760323 + 760606 B. SCIENTIFIC CONTENT

<u>''</u>	+ 160323·		T	
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 :: 1	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 cuvilinear distant from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in female	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the antrior notch of the anus.	
Tail Length	cm	N/A	Measured from the ex- ternally visible base of the tail to the end of the tail flesh (not hair).	
Testes Volumn	cubic cm	N/A	Water displacement	
Testes #1 Length	sam .	N/A	Taken at the middle of the testes.	
Testes #1	mm	N/A	."	·
Width Testes #2	mm	N/A	tr ti	
Length Testes #2 Width	nım	N/A	n "	

For 760323 + 760606B. SCIENTIC CONTENT

	For 160323	+ 7606068. SCIE FIL C	UNIENI		
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	code	N/A Epididymis are sliced and a drop of fluid is squeezed onto a slide			
Epididymis	·		and examined under 78X of 300X magnification.		
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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 esophagel and small intestine tissue.	N/A
Weight of empty stomach	grams	tt tt	Stomachs emptied of their contents and weighed intact.	. 11 11
Weight of stomach contents	grams	TI II	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	11 11
Number of preys	numeric	N/A	Manual sorting and counting.	
Volume of preys items id entitled	ml	Graduated cylinder	Water displacement	
Weight of prey ident; fied	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	u u
laximum length of prey item identified	mm .	Ruler	Prey itemSheld along side of a ruler.	tt ti
Minimum length of proy item iduntified	mm ···.	Ruler	Prey itemSheld along side of a ruler.	tt tt
				•

Transect Vamile yy wite 1/4 mile 1/4 mile

LIST RECORD TYPES	CONTAINED IN THE TRANSMITTALENTIFYING EACH RECORD TYPE	L OF YOUR FILE
For File ty submitted.	pe 025 record types # These are labeled as	1,2,3,6,7,& 8 are being file ident. 760232 and 760606.
File type 0	26, file ident. 01T076	6 has record types # 1,2,3,4,5,& 6. MISLATELED '\$27'.
		<b>, , , , , , , , , , , , , , , , , , , </b>
2. GIVE BRIEF DESCRIE	TION OF FILE ORGANIZATION	
	r, 760332,760606,01T0'	submitted on this tape. They 76, & 01DC76. 01DC76 is
DATA FROM FILE	ID 760606 SEQUENCE # 354-	-356 HAVE A NEW FILE ID OF 876BIR.
	•	
	PHONE NUMBERJIM Ba.	ldrige 907-479-7347 te University of Alaska 99701
COMPLETE THIS	SECTION IF DATA ARE ON MAGNE	TIC TAPE
5. RECORDING MODE	BCD BINARY  ASCII EBCDIC	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH  10. END OF FILE MARK  OCTAL 17
6. NUMBER OF TRACK (CHANNELS)	S SEVEN	
	X  nine	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY	ODD EVEN	- 230,231,232 025 026 760323,760606,01T076 05/75 06/76 Vaughan,L
8. DENSITY	200 BPI 1600 BPI	7 track, 800 BPI, BCD 025 FROST RV 230 2-9-77   Reel Replaces all data 12. PHYSICAL BLOCK LENGTH IN BYTES
	© 800 BPI	13. LENGTH OF BYTES IN BITS
NOAA FORM 24-13		USCOMM-DC 44289-P7

ACCESSION NUMBER

72 023

## DATA DOCUMENTATION FORM

77-0220 TROSAL

AA 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. 41-8265

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 Came 1300 College Road Pairbanks, Alaska 99701  R.U.# 230 & 231 & 232  2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  Outer Continental Shelf Energy Program  Outer Continental Shelf Energy Program  A. PLATFORM NAME(S) FOR File ident, 7765HI LAND SURVEY  B. ARE DATA PROPRIETARY?  OBJOURNEY  11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  12. PLATFORM OPERATOR FROM MOONLY TO,	A. ORIGINATOR IDENTIFICATION						
Alaska Dept, of Fish and Came  1300 College Road  Pairbanks, Alaska 99701  R.U.# 230 & 231 & 232  2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  Outer Continental Shelf Energy Program  Outer Continental Shelf Energy Program  A. PLATFORM NAME(S) For File ident.  776SHI LAND SURVEY  B. ARE DATA PROPRIETARY?  O6/04/76  O7/12/76  D11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  O6/04/76  O7/12/76  DATE  O6/04/76  O7/12/76  O7/12/76  O7/12/76  OF CENERAL USEY YEAR MONTH DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGES!  OF PROGRAM (DMP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGES!)  DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGES!  OF PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESS IF OTHER  THAN IN TIEM-1)  OF PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESS OF OTHER  THAN IN TIEM-1)  A. PLATFORM DEPRATOR TO IDENTIFY  DATA SHOULD BE ADDRESS OF OTHER  THAN IN TIEM-1)  OF PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESS OF OTHER  THAN IN TIEM-1)  A. PROST	THIS SECTION MUST BE COMPLETED BY DONOR F	OR ALL D	ATA TRANSHIT	TALS	•	•	
1300 College Road Pairbanks, Alaska 99701  R.U.# 230 & 231 & 232  2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED  Outer Continental Shelf Energy Program  (A. PLATFORM NAME(S) FOR File ident, 776SHI LAND SURVEY  S. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)  PLATFORM AND OPERATOR 7. DATES NATIONAL ITYLES  IF YES, WHEN CAN THEY BE RELEASED FOR CENERAL USE! YEAR MONTH PROGRAM (DNP!) (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE!) (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE!)  PART (SPECIFY BELOW)  DATA SHOULD BE ADDRESS IF OTHER THAN IN TEA-1)  TO. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESS IF OTHER THAN IN TEA-1)  TO. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESS IF OTHER THAN IN TEA-1)  TO. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESS IF OTHER THAN IN TEA-1)  TO. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESS IF OTHER THAN IN TEA-1)  TO. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESS IF OTHER THAN IN TEA-1)  TO. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESS IF OTHER THAN IN TEA-1)  TO. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESS IF OTHER THAN IN TEA-1)	1. NAME AND ADDRESS OF INSTITUTION, LABORA	TORY, OF	ACTIVITY WIT	H WHICH SUBM	ITTEO DATA AI	RE ASSOCIATED	
Outer Continental Shelf Energy Program  A. PLATFORM NAME(S) FOR File ident. 776SHI LAND SURVEY  B. ARE DATA PROPRIETARY?  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USET YEAR MONTH PROGRAM (DNP)?  II. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  WE STORY TO THEY DE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)  NO YES  PART DATA DECLARED NATIONAL PROGRAM (DNP)?  II.E., SHULD THEY DE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)  NO YES  PART (SPECIFY BELOW)  ODERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS FOTHER THAN IN ITEM.)  YOU WITH VAUGHAN  N. FROST	1300 College Road	1300 College Road				& 232	
Energy Program  4. PLATFORM NAME(S) FOR File ident. 776SHI LAND SURVEY  6. PLATFORM AND OPERATOR 7. DATES NATIONALITY (IES) PLATFORM OPERATOR 7. DATES NATIO		WHICH			Y ORIGINATOR	TO IDENTIFY	
4. PLATFORM NAME(S) For File ident, 776SHI LAND SURVEY  5. PLATFORM AND OPERATOR 7. DATES NATIONALITY(IES) PLATFORM NOOPERATOR 7. DATES NATIONALITY(IES) PLATFORM OPERATOR 7. DATES NATIONALITY(IES) PLATFORM MOOPERATOR 7. DATES NATIONALITY(IES) PLATFORM OPERATOR 7. DATES NATIONALITY(IES) NATIONALITY(IES) NATIONALITY(IES) NATIONALI		ſ		776SHI			
776SHI LAND SURVEY  11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  12. ARE DATA DECLARED NATIONAL PROGRAM (INP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE?)  13. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  14. DECLARED NATIONAL PROGRAM (INP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE?)  15. PART (SPECIFY BELOW)  16. DERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1.  16. DERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1.  16. DERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1.  17. DERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1.  18. DERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1.  18. DECLARED TO THE TEMPORAL TO	(F.C. SHIP BILOY		6. PLATFORM	NDOPERATOR			
CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  CONTAINED IN YOUR SUBM	776SHI		PLATFORM	OPERATOR	•	:	
77 - 17 - 184	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?)  PART (SPECIFY BELOW)  10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I)	100° 120° 120° 120° 120° 120° 120° 120°	AINED IN YOUR	GENERAL AR    127   100'   80'   80'   80'   100'	ERE COLLECT  REA  40° 20° 0° 20°  IN INDIA  IN IN IN INDIA  IN IN IN INDIA  IN IN INDIA  IN IN IN IN INDIA  IN IN IN IN INDIA  IN IN IN IN IN INDIA  IN I	ED.  40° 53° 13° 130°  22° 13° 13°  22° 13° 13°  23° 13° 13°  24° 25°  25° 13° 13°  26° 13°  27° 13° 13°  28° 1	
NOAA FORM 24-13					43' 23' 8" 20"	401 (31 89) 1341	

70	760323 - 760606	SUIENTIFIC CONTENT

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 to	Taken around the body immediatly behind fore flipper.	
Maximum Girth	cm .	N/A	The largest circum- ference 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.	<b>-</b>

For 760323 + 760606 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 cuvilinear distant from the center of the umbilical scar to the anterior notch of the anus in males and to the vestibule in female	
Penis to Anus Length	cm	N/A	The curvilinear distance from the center of the penile orifice to the antrior 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 Volumn	cubic cm	N/A	Water displacement	•
Testes #1 Length	am	N/A	Taken at the middle of the testes.	
Testes #1	mm-	N/A	"	·
Width Testes #2	mm	N/A	tr 11	
Length Testes #2 Width	mm	N/A	11	·

For 760323 + 760606 B. SCIENTIFIC CONTENT

	For 160323	7 40 40 4	ORIERI			
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	code	N/A	Epididymis are sliced and a drop of fluid is			
Sperm in			squeezed onto a slide			
Epididymis			and examined under 78X	·		
·			of 300X magnification.			
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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 esophage1 and small intestine tissue.	N/A
Weight of empty stomach	grams	11	Stomachs emptied of their contents and weighed intact.	. 11 11
Weight of stomach contents	grams	tt st	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	II ti
Number of preys	numeric	N/A	Manual sorting and counting.	11 11
Volume of previous items identified	ml .	Graduated cylinder	Water displacement	
Weight of prey ident: fied	grams	Model # PL-2 Torsion Balance	Prey item(s) isolated and weighed.	tt tt
Maximum length of prey item identified	mm -	Ruler	Prey itemSheld along side of a ruler.	tt tt
Minimum length of pray item identified	mm.	Ruler	Prey itemSheld along side of a ruler.	11 11
·				•

Layout Transect yy mile 1/4 mile 1/4 mile Vamile

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DATA TYPE - 025 - MARINE MANUAL SPECIMEN

Elaine 1022 ?

												10		
	FIP	RU	FILE ID	SHIP	LEASE	SURV START	CURV END	WAP.5	DATREC	DATACC	DATFIN	# 05 085	TRAIN	.NIQ.
	025	0229	W75PWS	MONTAGUE	1	751027	751104	77-0220	761102	000000		00025	T1277	002174
	025	0229	W76KOD	RESCLUTION	13	761104	761110	77-0220	770314	000000		00035	T1289~	003214
	025	0229	076KDD	SUR . E / OR	13	761005	761014	77-0220	770314	000000		00018	T1288~	
	025	0229	275 PWS	PRE OCS	01	750204	750420	77-0220	770314	000000		00009	T1276-	
	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
1/61	025	0229	475COR	PRE OCS	01 CT/	750401	75:401	77-0220	770314	000000		00001	T1282-	003211
5	V025	0229	476KEN	RESOLUTION	23	760412	760424	77-0220	761102	000000		00009	T1285-	002177
200	025	0229	476KOD	RESOLUTION	13 Jer.	760412	760424	77-0220	770314	000000		00025	T1287-	003215
Α,	025	0229	576 TCY	SURVEYOR	1 20 100	760525	760603	77-0220	770314	000000		00017	T1281-	003212
	025	0229	576KAY	SURVEYOR	1 454	760525	760603	77-0220	770314	000000		00002	T1280-	003207
	025	0229	576MID	SURVEYOR	1	760525	760€03	77-0220	770314	000000		00005	T1279-	003208
	025	0229	675YAK	SURVEYOR	1	760525	760€03	77-0220	770314	000000		00005	-T12785	003209
	(_5	0229	776 TUG	ON FORT	3	1-44-1-7-1		77-0220	761102	000000		00001	T1293-	
7	025	0230	0976MF	M FREEMAN	79			77-0220	770310	000000		00001	T0543-	003131
1	025	0230	376SAV .	ON FOOT	7	760229	760327	77-0220	770314	000000	V	00018	T0536-	002183
/	025	0230	476CLI\	ON FOOT	7	760310	760420	77-0220'	770314	000000	A	00018	T0538-	002186
1	025	0230	576010	ON FOOT	79			77-0220	770310	000000		00009	T0544 -	003132
1	025	0230	576PTH	ON FOOT	5	760307	760527	77-0220.	770314	000000	1	00047	TO5 : 7-	002187
Lis	025	0230	576SUV	ON FOOT	7 KEPP	760019	760501	77-0220	770314	000000	Brayeria.	00022	TO5	002189
3.	025	0230	676GAM	ON FOOT	59	5 760511	760606	77-0220	770314	000000	No.	00024	T0535~	002181
	025	0230	676NOM	ON FOOT	59	,5 760603	760620	77-0220	770314	000000	Per la companya de  companya de la companya del companya de la com	00009	T0534~	
4	025	0230	776SHI	ON FOOT	7 NA	760604	760712	77-0220	770314	000000		00231	T0546-	002188
- A	025	0230	876BAR	ON FOOT	59 · M1	760506	760807	77-0220	770314	000000	Tradition	00018	T0539 -	002180
	025	0230	876BTI'	ON FORT	9	760720	750503	77-0220	770314	000000	-	-00001 C	105.45	002185
1	025	0230	876015	DISCO	5			77-0120	770310	000000		00003		003130
	025	0230	876GLA	GLACIER	5			77-0220	770310	000000		4-0000	TOS 74 -	000123
1	025	0230	876WAI	ON FOOT	6	760603	760729	77-0220	770314	000000		00030		002184
•	025	0243	N76LIO	RESOLUTION	1	41.3		77-0220	770314	000000		00001,	TAXABLE OF STREET	003222
	025	0243	W75LIO	MONTAGUE	1 pages			77-0220	770314	000000		00014		003216
P.	025	0243	W76LIO	SURVEYOR	1	A 1811		77-0220	770314	000000		00021	T1274-	
\$	025	0243	276LIO	RESOLUTION	1 1/			77-0220	770314	0000000		00007	T12 //-	6.13217
	025	0243	376LIO	BIG VALLEY	1			77-0220	770314	000000		00008		0.3218
	025	0243	476LIO	RESOLUTION	1			77-0220	770314	000000		00031	T1272-	
	025	0243	576LIO	SURVEYOR	1			77-0220	770314	000000		00007	T1273 -	

TOTAL DATA SETS RECEIVED FOR THIS FILE TYP = 00035 TOTAL DATA SETS ACCEPTED FOR THIS FILE TYP = 00000 TOTAL DATA SETS FINALED FOR THIS FILE TYPE = 00000 TOTAL DBS RECEIVED FOR THIS FILE TYPE = 000088 TOTAL DBS PROCESSED FOR THIS FILE TYPE = 000000

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Kathy Front will be resignified corrected the

## C. DATA FORMAT

- COMPLETE THIS SECTION FOR PUNCHED CARDS	OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.
I. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL GIVE METHOD OF IDENTIFYING EACH RECORD TYPE	OF YOUR FILE
For File type 025 record types # submitted. These are labeled as	1,2,3,6,7,& 8 are being file ident. 760232 and 760606.
File type 026, file ident. 01T076  FILE TYPE ON TAPE IS P	has record types # 1,2,3,4,5,& 6.
	in the second se
2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION	
Four file identifiers are being s are, in order, 760232,760606,01707 documented separately.  DATA FROM FILE ID 760606 sequence # 717-	6, & 01DC76. 01DC76 is
	!
3. ATTRIBUTES AS EXPRESSED IN PL-1 X FORTRAN	ALGOL COBOL LANGUAGE
A. RESPONSIBLE COMPUTER SPECIALIST: Jim Bal  NAME AND PHONE NUMBER  ADDRESS Geophysical Institut	
COMPLETE THIS SECTION IF DATA ARE ON MAGNET	IC TAPE
5. RECORDING MODE BINARY	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH
ASCII 💢 EBCDIC	10. END OF FILE MARK
·	OCTAL 17
6. NUMBER OF TRACKS (CHANNELS) SEVEN	
NINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY ODD	290,231,232 025 & 026 760323,760606,011076 05/75 06/76 Vaughan,L 2 track,800 BPI, BCD
8. DENSITY 200 BPI 1600 BPI	015 FROST RUZZO 2-9-77 1 Keel Replaces all data
□ 556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES
Δ 800 BPI	13. LENGTH OF BYTES IN BITS
<u></u>	

#### RECORD FORMAT DESCRIPTION

DAGE T 77-0220 RECORD NAME 15. POSITION 16. LENGTH 17. ATTRIBUTES 18. USE AND MEANING 14. FIELD NAME FROM-1 MEASURED NUMBER UNITS (e.g., bits, bytes) 77-0220 (11 ALL CORRECTIONS ON ENCLOSED NSD CHECK PROSRAM

HAVE BEEN MADE

(2) THREE BE5 18 to 76 RECORDS

CHANGED BE- 18-76 (3) Fourteen SHP-151-70 Records CHANGED SHP-151-76 (4) EIGHT SHR-211-76 RECORDS CHANGED SHE-211-76 (SEQ # 1971 to 1978) (5) RECORD DE-27-76
TR 05443 NO SER # \$
ONLY A IN IN COL. 46
WAS DELETED (6) RECORDS 67-20-76 AND 68-20-76 to 68-25-76 DAY CHANGED 86 to 29 (7) FOR SHE-269-76 to 5HE-271-76 DATE 760709 WAS ADDED

## RECORD FORMAT DESCRIPTION

RECORD NAME

77-0220

PACE IL

14. FIELD NAME	15. POSITION	16. LEN	STH	17. ATTRIBUTES	18. USE AND MEANING
	FROM-1				
7	MEASURED IN	<del></del> 1			
	(e.g., bits, bytes)	NUMBER	UNITS		
	(1.6, 2.3, 2, 36)		-	(i)	STATIONS NP-1-76 NP-3-76
				(*)	STATIONS NP-1-76, NP-3-76 NP-4-76; NE-2-76, NE-5-76 to NE-9-76;
					NE-5-76 to NE-9-76;
					PHP-67-76 to PHP-47-76)
					COLUMNS 29 \$30 MOVED
					28 AND 29. COLUMNS
					37 AND 38 MOURD
,					TO 36 AND 37,
				2	7R0540 54UC-30-76
					DATE CHANGED
					720424 6 760424
·		1		3	TR [] 531 PMP-26-76
					changed to TROS31
				2-1	
				'	
			į		
			:		
L	l	1	l	!	1

Eight di	stinct record types: L	ocation (1); Physical 1 (2);
Physical 2 (	3); Age-Reproductive/Ma	le (4); Age Reproductive/Female (5);
Stomach Cont	ents (6). Stomach Cont	ents Species (7); Text (8) differentiated
	chos (o), boomach conc	ends opecies (//, lext (o) differentiated
by byte 10.		•
. GIVE BRIEF DESCRIP	TION OF FILE ORGANIZATION	
•		
		•
•		
,		
ATTRIBUTES AS EXP	RESSED IN PL-1	ALGOL COBOL
ATTRIBUTES AS EXP	T FORTRAN	LANGUAGE
ADDRESS _	PHONE NUMBER	ETIC TABLE
B. RECORDING MODE	BCD BINARY	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH
	ASCII EBCDIC	The state of the known of the state of the s
		10. END OF FILE MARK
NUMBER OF TRACKS	SEVEN	
	NINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
. IN SITY	<u>U</u>	
7. PARITY	ODD	
I. DENSITY	200 BPI 1600 BPI	
	556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES
•	800 BPI	13. LENGTH OF BYTES IN BITS
		·
OAA FORM 24-13		USCOMM-DC 44282-P7

TELD NAME .	15. POSITION 15. LE FROM - 1 MEASURED				18. USE AND MEANING		
	IN Bytes (e.g., bits, bytes)	NUMBER	UNITS				
File Type	1	3	Bytes	A3	Always '025'		
File Identifier	4	6	Bytes	76	·		
Record Type	10	1	Bytes	II	Always 'l'		
Specimen Number	11	10	Bytes	Λ10	Analogous to NODC Station Numb		
Sequence Number	21	5	Bytes	15			
Latitude of Collection,							
Degrees	26	.2	Bytes	I2	• .		
Minutes	28	2	Bytes	-12			
Seconds	30	2	Bytes	IS ;			
Hemisphere	32	1	Bytes	Al	'N' or 'S'		
Longitude of Collection,							
Degrees .	33	- 3	Bytes	I3	·		
Minutes	36	2	Bytes	IS			
Seconds	38	2	Eytes	· IS			
Hemisphere	<u>1</u> 40	1	Bytes	Al	'E' or 'W'		
Date of Collectic in GMT,	en				·		
Year	),1	2	Bytes	· II	00-99		
Month	)13	2	Bytes	12	1-12		
Day	45	2	Bytes	12	131		
Time of Collectic	on .						
Hours	47	2	Bytes	I2 .	0-23		
Minutes	49	2	Bytes	. 15	0-59		
Water Depth	51	14 .	Bytes	I4	Whole meters		

RECOPD NAME	Localign,	Conti		Marine		L.	$\operatorname{Sr}$	) LOL	men	)_
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TA FULL D NAME	TS.POSTTION FRQM - 1 MEASURED	16. LEN	5ТН	N7. AT TRIBUTES	TE. USE AND MEANING
	IN Bytes (e.g., bits, bytes)	NUMBER	UNITS		
Tide Stage	55	. 3	By tes	V3	*Feet to tenths
Habitat Code	. 58	2	Bytes	A2	Use File 025 Habitat Code
Behavior Code	60	2	Bytes		Use File 027 Behavior Code
lee Codes,					
Type Code	62	1.	Bytes	· va.	Use File 027 Type Code
Coverage Codes,		   			
Octas of thin	63	1.	Bytes	Al	Use File 027 Coverage Code
Octas of mod- erate ice	64	1	Bytes	Λl	Use File 027 Coverage Code
Octas of heav	65	. 1	Bytes	Al	Use File 027 Coverage Code
Tee Characteris- ties Code,		     			
Of the second greatest covera	66 ge	1	Bytes	Al	Use File 027 Ice Characteris- tics Code
Of the greatest coverage	67	<u> </u>	Bytes	A1	Use File 027 Ice Characteris- tics Code
Deformation Code	68	l l	Bytes	Al	Use File 027 Deformation Code
Transect Width Code	69	1	Bytes	VI	Use File 027 Transect Width Code
Lee Codes,					
Type Code,	. 70	1.	Bytes	. Al	Une File 027 Type Code
Octas of thin ice	71	1	Bytes	3 Al	Use File 027 Coverage Code
Characteris- tics of thin ice	72	1	Bytes		Use File 027 Ice Characteris- tics Code
Octas of moderate ice	73	1	Bytes	VI	Use File 027 Coverage Code

· RECORD NAME Location, Continued (Marine Mammal Specimen)

A. FILLD NAME	FROM - 1 MEASURED	16. LEN		7. ATTHIBUTES	18. USE AND MEANING
	IN Bytes (c.2., bits, bytes)	NUMBER	ингтѕ		
Characteris- tics of mod- erate ice	71 <sub>4</sub>	1	Bytes	Λl	Use File 027 Ice Characteristics Code
Octas of heavy ice	75	1.	Bytes	Aİ.	Use File 027 Coverage Code
Characteris- tics of heavy ice	. 76	1	Bytes	Λι	Use File 027 Ice Characteristics Code
Deformation Code	77	. 1	Bytes	Al	Use File 027 Deformation Code
Transect Width Code	78	1	Bytes	Al	Use File 027 Transect Width Code
Blank	79	2	Bytes	2X	
Re1. Tide Tables U. S. Dept. of C tide. Example	- High ar	d Low This p	water r	oredictions, s information	National Ocean Survey, NOAA, as to the actual stage of the
Ref. Tide Tables U. S. Dept. of C tide.  Example If the Diurnal eight feet for	- High ar ommerce. Range for a falling	d Low This r a giv	water recorded	oredictions, sinformation a is 20 feet the coded ent	National Ocean Survey, NOAA, as to the actual stage of the and the predicted height + is my would be (-04).
Ref. Tide Tables U. S. Dept. of C tide.  Example If the Diurnal eight feet for	- High ar ommerce. Range for a falling	d Low This r a giv	water recorded	oredictions, sinformation a is 20 feet the coded ent	as to the actual stage of the and the predicted height * is my would be (-04).
Ref. Tide Tables U. S. Dept. of C tide.  Example If the Diurnal eight feet for	- High ar ommerce. Range for a falling	d Low This r a giv	water recorded	oredictions, sinformation a is 20 feet the coded ent	National Ocean Survey, NOAA, as to the actual stage of the and the predicted height * is my would be (-04).
Ref. Tide Tables U. S. Dept. of C tide.  Example     If the Diurnal     eight feet for	- High ar ommerce. Range for a falling	d Low This r a giv	water recorded	oredictions, sinformation a is 20 feet the coded ent	National Ocean Survey, NOAA, as to the actual stage of the and the predicted height * is my would be (-04).
Ref. Tide Tables U. S. Dept. of C tide.  Example If the Diurnal eight feet for	- High ar ommerce. Range for a falling	d Low This r a giv	water recorded	oredictions, sinformation a is 20 feet the coded ent	National Ocean Survey, NOAA, as to the actual stage of the and the predicted height * is my would be (-04).
Ref. Tide Tables U. S. Dept. of C tide.  Example If the Diurnal eight feet for	- High ar ommerce. Range for a falling	d Low This r a giv	water recorded	oredictions, sinformation a is 20 feet the coded ent	National Ocean Survey, NOAA, as to the actual stage of the and the predicted height * is
Ref. Tide Tables U. S. Dept. of C tide.  Example If the Diurnal eight feet for	- High ar ommerce. Range for a falling	d Low This r a giv	water recorded	oredictions, sinformation a is 20 feet the coded ent	National Ocean Survey, NOAA, as to the actual stage of the and the predicted height * is my would be (-04).
Ref. Tide Tables U. S. Dept. of C tide.  Example     If the Diurnal     eight feet for	- High ar ommerce. Range for a falling	d Low This r a giv	water recorded	oredictions, sinformation a is 20 feet the coded ent	National Ocean Survey, NOAA, as to the actual stage of the and the predicted height * is my would be (-04).

14. FIELD NAME	15. POSITION FROM - 1 MEASURED	16. LEN	GТН	17. ATTRIBUTES	18. USE AND MEANING
•	(e.g., bits, bytes)	NUMBER	UNITS		
File Type	1	3	Bytes	А3	Always '025'
File Identifier	4 .	6	Bytes	. A6	
Record Type	10.	1	Bytes	Il	Always '2'
Specimen Number	11	10	Bytes	AlO	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	15	
Taxonomic Code	26	10	Bytes	5A2	
Sub Species	36	2	Bytes	A2	
Sex Code	38	1	Bytes	A1	
Accompanied by Pup	39	1	Bytes	Al	Use Decision Code
Mammal Lactating	40	1	Bytes	Al .	Use Decision Code
Mammal Sunk	41	ı	Bytes	Al	Use Decision Code (N = Floated)
oup Size	42	4	Bytes	14	Whole number
Collection Method Code	46	1	Bytes	Al	Use File 027 Collection Method Code
Weight of Hide and Blubber	47	6	Bytes	. 16	To whole grams
Curvilinear Lengt	ı 53	ļŧ	Bytes	14	Centimeters to tenths
Axillary Girth	57	4	Bytes	14	Centimeters to tenths
Maximum Girth	61.	4	Bytes	14	Centimeters to tenths
Front Flipper Length	65	3	Bytes	13	Centimeters to tenths
Front Flipper Width	68	3	Bytes	13	Centimeters to tenths
Hind Flipper Length	71	3	Bytes	13	Centimeters to tenths
Hind Flipper Width	74	3	Bytes	13	Centimeters to tenths
Brank	77	· 14	Bytes	λtX.	

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN BYTES			17. ATTRIBUTES	18. USE AND MEANING
	(o.g., bits, bytes)	NUMBER	UNITS		
File Type	1 .	3	Bytes	A3	Always '025'
File Identifier	. 4	6	Bytes	А6	·
Record Type	10	ı	Bytes	n	Always '3'
Specimen Number	11	10	Bytes	AlO	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	15	·
Navel to Anus Length	26 ·	3	Bytes	13	Centimeters to tenths
Penis to Anus Length	29	4	Bytes	14	Centimeters to tenths
Tail Length	33	3	Bytes	13 .	Centimeters to tenths
Blubber Thickness Sternum	, 36	3	Bytes	13	Centimeters to tenths
Blubber Thickness nest	, 39	- 3	Bytes	13	Centimeters to tenths
Neck Circumference	e 42	3	Bytes	I3	Centimeters to tenths
Stomach Condition Empty	46 .	1	Bytes	,Al	Use Decision Code (N = Has Contents)
Gross Weight	47	7	Bytes	17	Whole grams
Standard Length	54	. դ	Bytes	ΙŲ	Centimeters to tenths
Blank	58	23	Bytes	23X	
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14. FIELD NAME	15. POSITION FROM - 1	16. LEN	GТН	17. ATTRID TES	18. USE AND MEANING
	MEASURED IN <u>Bytes</u>				
	(e.g., bits, bytes)	NUMBER	UNITS		
File Type	1	3	Bytes	. A3	Always '025'
File Identifier	4	6	Bytes	Аб .	
Record Type	10	1	Bytes	. 11	Always 'h'
Specimen Number	11	10	Bytes	AlO	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	15	
Age	26	2	Bytes	12	Whole units
Age Unit Code	28	1	Bytes	Al	blank - no information (only if age is blank) 'l'- years '2'- months
Age Determination Technique	29	1	Bytes	Al	blank - no information 'l'- Claw rings '2'- Dentine annuli '3'- Cementum annuli '4'- Estimated
B k	30	1	Bytes	ıx	
Baculum Length	31	3	Bytes	13	To whole millimeters
Baculum Weight	34	5	Bytes	15	To tenths of grams
Testes Weight with Epididymis	ı 39	5	Bytes	15	To tenths of grams
Testes Weight with out Epididymis	1- 44	5	Bytes	15	To tenths of grams
Testes Volume	49	5	Bytes	. 15	To tenths of cubic centimeters
Testis #1 Length	54	3	Bytes	13	To whole millimeters
Width	57	3	Bytes	13	To whole millimeters
Testis #2 Length	60	3	Bytes	13	To whole millimeters
Width	63	3	Bytes	13	To whole millimeters
			·		

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

14. FIELD NAME	15- POSITION	16. LEN	GTH	17. ATTRIBUTES	18. USE AND MEANING
	FROM - 1, MEASURED IN Bytes				
	(c.g., bits, byten)	NUMBER	UNITS		
File Type	1.	3	Bytes	А3	Always '025'
File Identifier	4	6	Bytes	A6.	·
Record Type	10	ı	Bytes	. II	Always '5'
Specimen Number	11	10	Bytes	AlO	Analogous to NODC Station Number
Sequence Number	21	5	Bytes	15	
Age	26	2	Bytes	12	Whole units
Age Unit Code	28	1	Bytes	¥Ι	blank no information 'l' - years '2' - months
Age Determination Techniques	29	1	Bytes	¥Ι	blank - no information 'l' - Claw rings '2' - Dentine annuli '3' - Cementum annuli '4' - Estimated
Blank	30	ı	Bytes	ıx	
Reproductive Status Code	31	1	Bytes	Al	blank - no information '0' - indeterminable '1' - nulliparous '2' - primaparous '3' - multiparous
Reproductive Condition Code	32	1	Bytes	Al	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 Tetuses	33	1	Bytes	Il	
Ovary Weight (combined)	34	ц	Bytes	<b>I</b> 4	To tenths of grams
Number of Corpora Lutea	38	1	Bytes	Il	
<u> </u>	<u></u>	L	1	<u>L </u>	<u> </u>

14. FIELD NAME	15: POSITION FROM-1, MEASURED IN Bytes	1	GТH	17. ATTRIBUTES	18. USE AND MEANING
	IN Bytes (o.g., bits, bytes)	NUMBER	UNITS		
Diameter of Larg- est Corpora Lutea	39	2	Bytes	12	To whole millimters
Number of Corpora Albicantia	41.	1	Bytes	. II	
Diameter of Larg- est Corpora Albicantia	142	2	Bytes	12	To whole millimeters
Number of Follicl Greater than 5 mm in diamete		1	Bytes	Il	
Diameter of Larg- Follicle	45	2	Bytes	12	To whole millimeters
Number of Uterine Scars	47	1	Bytes	Il	
Blank	48	33	Bytes	33X	
·					

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RECORD FORMAT DE LEIPTION

RECORD NAME Stomach Contents (Marine Mammal Specimen)

14. FIELD NAME	15. POSITION FROM - 1	}	GTH	17. ATTRIBUTES	18. USE AND MEANING
	MEASURED IN Bytes (0.4., bits, byles)	NUMBER	UNITS		
File Type	1	3	Bytes	. АЗ	Always '025'
File Identifier	4	6	Bytes	A6.	
Record Type	10	1	Bytes	Il .	Always '6'
Specimen Number	11	10	Bytes	AlO	Analogous to NODC Station Numbe
Sequence Number	21	5	Bytes	15	
Weight of Full Stomach	26	6	Bytes	16	To tenths of grams
Weight of Empty Stomach	32	5	Bytes	15	To tenths of grams
Weight of Food Contents	37	6	Bytes	16	To tenths of grams
Total Volume of Contents	43	6	Bytes	16	To tenths of cubic centimeters
ank	. 49	32	Bytes	32X	
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RECORD NAME Stomac	ch Content	Specie	es (Ma	arine M mumal Sj	pecimon)
14. FIELD NAME	15. POSITION FROM - 1 MEASURED	16. LEN	GТН	17. ATTRIBUTES	18. USE AND MEANING
	IN <u>Bytes</u> (o.g., bits, bytes)	NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '025'
File Identifier	l,	· 6	Bytes	Аб	
Record Type	10.	1	Bytes	II ·	Always '7'
Specimen Number	11	10	Bytes	AlO	Analogous to NODC Station Number
Sequence Number	21	. 5	Bytes	<b>I</b> 5	
Taxonomic Code	26	10	Bytes	5A2	This code and all other measure- ments on this record refer to
Sub Species	36	2	Bytes	A2	the prey items(s).
Life History Code	38	1	Bytes	Al	
Miscellaneous Stomach Contents	39	2	Bytes	A2	Use File 025 Miscellaneous Stomach Contents Code
Code Number of Items Identified	41	4	Bytes	14	
Volume of Items Identified	45	6 -	Bytes	16	Cubic Centimeters to tenths
Weight of Items Identified	51	6	Bytes	16	In grams to tenths
Mean Length of Items Identified	57	4	Bytes	. 14	To whole millimeters
Maximum Length of Item Identified	61	<u> </u>	Bytes	I4	To whole millimeters
Minimum Length of Item Identified		14	Bytes	I4	To whole millimeters
Digestive Organ Code	69	1	Bytes	Λl	Usc File 025 Digestive Organ Code
Blank	70	11	Bytes	11x	

A. FTELD NAME	15. POSITION FROM - 1	16. LENGTH 17. ATTRI		17. ATTRILIU ES	18. USE AND MEANING
,	FROM-1 MEASURED IN Bytes				
	(e.g., bits, bytes)	NUMBER	STINU		
File Type	1	3	Bytes	А3	Always '025'
File Identifier	14	6	Bytes	Аб .	
decord Type	10	1	Bytes	11	Always '8'
Specimen Number	11	10	Bytes	AlO	Analogous to NODC Station Number
Gequence Number	21	5	Bytes	15	·
i'ext	26	55	Bytes	55A1	Any alphanumeric information
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TOAA FORM 24-13					USCOMM-DC 44289-P72
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Password								
accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7700220	E025	TR0533	0001	21175	2101	1076/09/17	076CI A	20
7700220 7700220	F025	TR0534	0081	31W5	31GL 32P8	1976/08/17 1976/01/23	876GLA 676NOM	30
		TR0534	0081	31W5	32P8		676GAM	30
7700220		_				1976/05/11		30
7700220		TR0536	0081	31W5	32P8	1976/02/29	376SAV	30
7700220		TR0537	0081		32P8	1976/03/01	576PTH	30
7700220					32P8	1976/03/10	476CLI	30
7700220		TR0539	0081	31W5	32P8	1976/05/06	876BAR	30
7700220		TR0540			31SU	1976/03/19	576SUV	30
7700220		TR0541			32P8	1976/06/03	876WAI	30
7700220		TR0542	0081	31W5	31DS	1976/08/18	876DIS	30
7700220		TR0543	0081	31W5	31FN	1976/09/27	0976MF	30
7700220	F025	TR0544	0081	31W5	32P8	1976/05/23	576DIO	30
7700220	F025	TR0545	0081	31W5	32P8	1976/07/20	876BIR	30
7700220	F025	TR0546	0081	31W5	32P8	1976/06/04	776SHI	30
7700220	F025	TR1269	0081	31W6	32M9	1975/10/27	NULL	30
7700220	F025	TR1270	0081	31W6	32RS	1976/02/04	NULL	30
7700220	F025	TR1271	0081	31W6	32BP	1976/03/17	NULL	30
7700220	F025	TR1272	0081	31W6	32RS	1976/04/12	NULL	30
7700220	F025	TR1273	0081	31W6	31SU	1976/05/25	NULL	30
7700220	F025	TR1274	0081	31W6	31SU	1976/10/05	NULL	30
7700220	F025	TR1277	0081	31W6	32 <b>M</b> 9	1975/10/27	NULL	30
7700220	F025	TR1278	0081	31W6	31SU	1976/05/25	NULL	30
7700220	F025	TR1279	0081	31W6	31SU	1976/05/25	NULL	30
7700220	F025	TR1280	0081	31W6	31SU	1976/05/25	NULL	30
	F025		0081	31W6	31SU	1976/05/25	NULL	30
			·					

1976/07/08 NULL

1976/03/17 NULL

1976/04/12 NULL

1976/02/04 NULL

1976/04/12 NULL

1976/10/05 NULL

1976/11/04 NULL

(32 rows affected)

7700220 F025 TR1283 0081 31W6 32P8

7700220 F025 TR1284 0081 31W6 32BP

7700220 F025 TR1285 0081 31W6 32RS

7700220 F025 TR1286 0081 31W6 32RS

7700220 F025 TR1287 0081 31W6 32RS

7700220 F025 TR1288 0081 31W6 31WU

7700220 F025 TR1289 0081 31W6 32RS

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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)