

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

ORM APPROVED O.M.P. No. 41-R2651 EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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.

		OK ALL I	ATA TRANSMIT	IALS		
	1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED					
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Alaska Dept.	of Fish a	nd 6	omc			
333 Ruspherry	Rd.	2				
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2. EXPEDITION, PROJECT, O DATA WERE COLLECTED	R PROGRAM DURING	WHICH		IBER(S) USED E IS SHIPMENT	BY ORIGINATOR	R TO IDENTIFY
CSEAP						
RU 243		V	File	ID	W75 L10	, i
4. PLATFORM NAME(S)	5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A NATIONALIT		7. DA	res
. 11 -			PLATFORM	OPERATOR	FROM: MODAY/YF	TO: MO/DAY/YR
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8. ARE DATA PROPRIETARY	?				UARES IN WHICERE COLLECT	
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IF YES, WHEN CAN TH	•					ŀ
FOR GENERAL USE!		1		GENERAL AF	REA	
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FOR GENERAL USE? 9. ARE DATA DECLARED NA PROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS	YEARMONTH TIONAL CLUDED IN WORLD		40° 150° 130° 160° 140			40° 50° 80° 100°
FOR GENERAL USE! 9. ARE DATA DECLARED NA PROGRAM (DNP)? (1.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?)	YEARMONTH TIONAL CLUDED IN WORLD FOR INTERNA-	100° 120° 1	40° 150° 130° 160° 140 2237 223			40° 50° 80° 100° 224 (1 775 275 1
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FOR GENERAL USE! 9. ARE DATA DECLARED NA PROGRAM (DNP)? (1.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?)	YEARMONTH TIONAL CLUDED IN WORLD FOR INTERNA-	2/2 120° 120° 120° 120° 120° 120° 120° 120	272 258 237 257 230 267 261 165 166 129 124	120° 100° 80° 60° 60° 227 227 227 227 227 101 155 155 155 157	40° 20° 0° 20° 20° 20° 20° 20° 20° 20° 20	224 ()
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FOR GENERAL USE! 9. ARE DATA DECLARED NAPROGRAM (DNP)? (1.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?) XNO YES PART 10. PERSON TO WHOM INQUIRED DATA SHOULD BE ADDRESS.	YEAR MONTH TIONAL CLUDED IN WORLD FOR INTERNA- (SPECIFY BELOW) ES CONCERNING (SED WITH TELE-	100° 120° 120° 120° 120° 120° 120° 120°	272 258 237 257 230 267 261 165 166 129 124	120° 100° 80° 60° 227 227 227 227 227 227 227 2	40° 20° 0° 70° 20° 20° 20° 20° 20° 20° 20° 20° 20° 2	224 ()
FOR GENERAL USE? 9. ARE DATA DECLARED NAPROGRAM (DNP)? (1.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?) NO YES PART 10. PERSON TO WHOM INQUIRI DATA SHOULD BE ADDRES PHONE NUMBER (AND ADDITION IN ITEM-1)	CLUDED IN WORLD FOR INTERNA- (SPECIFY BELOW) ES CONCERNING SED WITH TELE- RESS IF OTHER	100° 120° 120° 120° 120° 120° 120° 120°	272 268 227 227 220 227 240 265 166 272 224 279 224 279 253 277 277 277 277 277 277 277 277 277 27	120° 100° 80° 60° 227 227 227 227 227 227 227 227 227 22	40° 20° 0° 20° 20° 20° 20° 20° 20° 20° 20	224 (1) (27) (27) (1) (27) (1) (27) (1) (27) (1) (27) (1) (27) (1) (27) (1) (27) (1) (27) (1) (1) (27) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
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FOR GENERAL USE! 9. ARE DATA DECLARED NAPROGRAM (DNP)? (1.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?) XNO YES PART 10. PERSON TO WHOM INQUIRI DATA SHOULD BE ADDRESS PHONE NUMBER (AND ADDITION IN ITEM-1) A PITCHER, POAL	CLUDED IN WORLD FOR INTERNA- (SPECIFY BELOW) ES CONCERNING SED WITH TELE- PRESS IF OTHER	100° 120° 272 200 40° 134 20° 176 184 20° 176 200 200 200 200 200 200 200 200 200 20	201 268 237 224 201 201 201 201 201 201 202 203 203 203 203 203 203 203 203 203	120° 100° 80° 60° 227 227 227 227 227 227 227 227 227 22	40° 20° 0° 20° 20° 20° 20° 20° 20° 20° 20	224 (1) (1) 275 (275 (275 (275 (275 (275 (275 (275
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FOR GENERAL USE! 9. ARE DATA DECLARED NAPROGRAM (DNP)? (I.E., SHOULD THEY BE IN DATA CENTERS HOLDINGS TIONAL EXCHANGE?) X NO YES PART 10. PERSON TO WHOM INQUIRI DATA SHOULD BE ADDRESS PHONE NUMBER (AND ADDITION IN ITEM-1) A PITCHER, POAL	CLUDED IN WORLD FOR INTERNA- (SPECIFY BELOW) ES CONCERNING SED WITH TELE- RESS IF OTHER Cal.Kinis	100° 120° 272 272 50° 200 176 134 176 176 176 176 176 176 176 176 176 176	237 233 2234 2237 2234 2207 223 2234 2237 2234 2237 2234 2237 223 223 223 223 223 223 223 223 22	120° 100° 80° 60° 227 227 227 227 227 227 227 221 231 241 251 252 252 252 252 252 252 252 252 25	40° 20° 0° 70° 20° 20° 20° 20° 20° 20° 20° 21° 25° 31° 21° 31° 21° 31° 21° 31° 21° 31° 31° 31° 32° 32° 32° 32° 32° 32° 32° 32°	224 (1) (1) 275 (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)

I. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE GIVE METHOD OF IDENTIFYING EACH RECORD TYPE			
Record types # 1,2,	3, 4,5,6,7+8 ane submitted		
2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION			
The File 15 sequents asc	ending order		
3. ATTRIBUTES AS EXPRESSED IN PL-1 FORTRAN 4. RESPONSIBLE COMPUTER SPECIALIST: NAME AND PHONE NUMBER ADDRESS 707 A Street C	Crane 407-279-4523 AEIDC) Anchonage, AK, 99501		
COMPLETE THIS SECTION IF DATA ARE ON MAGNE 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)		
7. PARITY ODD EVEN 8. DENSITY 200 BPI 1600 BPI	243 025 W75LIO MONTAGUE 75-10-28 75-11-04 CALKINS 9 TRK, 800BPI, ODD, EBCDIC		
∑ 556 BPI ∑ 800 BPI □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	12. PHYSICAL BLOCK LENGTH IN BYTES 13. LENGTH OF BYTES IN BITS		

TR1270



U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235 FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMP	THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS						
<u> </u>	1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED						
Ken Pitchen,				•			ļ
Alaska Dept.	ef Fish a	nd 6	a m C				
333 Ruspherry		i					
PAICHERAJE A	105/14 99	501	La causa				
DATA WERE COLLECTED	R PROGRAM DURING	WHICH	3. CRUISE NUM DATA IN TH	IS SHIPMENT	BY ORIGINA	TOR TO IDE.	NIIFY
CSEAP					~ ~	(110	
RU 243	3	V	File	ID	2 /	6 L I O	i
4. PLATFORM NAME(S)	5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A NATIONALIT		7.	DATES	
			PLATFORM	OPERATOR	FROM: MO/DA	Y/YP TO: MO/	DAY/YR
Resolution	Ship	i	V.5.	U-5.	02/03/7	76 62/1	3/76
8. ARE DATA PROPRIETARY?			SE DARKEN ALL				ATA
NO YES			AINED IN YOUR		ERE COLLE	CTED.	ļ
IF YES, WHEN CAN THE		W K	+. PDIAKIS .	GENERAL AR	EA		
9. ARE DATA DECLARED NAT	FIONAL	100° 120° 1	140° 150° 180° 160° 140°	. 150. 100. 60. £1.	40° 20° 0°	20° 40° 50° 80°	, 100,
(I.E., SHOULD THEY BE INC DATA CENTERS HOLDINGS TIONAL EXCHANGE?)		275 7 67	21/ 203	(C) (S) (F) (S) (S) (S) (S) (S) (S) (S) (S) (S) (S	253.283 (2)217.257	1 255 W	227
NO YES PART	(SPECIFY BELOW)	50° 206		191	18421	212	29/
		40° 134	129 121	1139	195 145	120	171 40
10. PERSON TO WHOM INQUIRIE	ES CONCEDUING	20* 065	05/ 052		037 072		20.
DATA SHOULD BE ADDRES PHONE NUMBER (AND ADD	SED WITH TELE-	0"	1 2120 1 2120 1 2120 1 2120	310	3013		126
THAN IN ITEM-1)		20° 397	1 137	382 311	377 407 203 443		1/3 20
al Pitcher, Done	Calkinis	40° 469	0 161 150	418 6 5 6449	45f 179	439	470 40
For 6.	2.1.	60° 505	546 495	130	480 5 15	511	506 60
333 Rusphenry A		541	536 , 931	\$2-1	51655		
ANchonage, AK	99381	100° 120° 1	1 5/4 3 1 1 1507 140°	120" 100" 80" 60"	40° 20° 0°	20° 40° 60° 80	100
NOAA FORM 24-13							

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTA GIVE METHOD OF IDENTIFYING EACH RECORD TYPE	L OF YOUR FILE
Record types # 1,2,	3, 4,5,6,7+8 are submitted
2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION	
The file is sequential continuous asc	ending order
3. ATTRIBUTES AS EXPRESSED IN PL-1 FORTRAN 4. RESPONSIBLE COMPUTER SPECIALIST: NAME AND PHONE NUMBER ADDRESS 707 A Street C COMPLETE THIS SECTION IF DATA ARE ON MAGNE	Crane 907-279-4523 AEIDC) Anchonnye, AK. 94501
5. RECORDING MODE BCD BINARY ASCII EBCDIC	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH 10. END OF FILE MARK
6. NUMBER OF TRACKS (CHANNELS) SEVEN	OCTAL 17
MINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY ODD EVEN 8. DENSITY	243 025 276LIO RESOLUTION 76-02-03 76-02-13 CALKINS 9 TRK, 800BPI, ODD, EBCDIC
200 BPI 1600 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES
∑ 556 BPI	
NO A A FORM 24-13	13. LENGTH OF BYTES IN BITS

EXPIRES 1-81



NOAA FORM 24-13

U.S. DEPARTMENT OF COMMERCE NAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

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THIS SECTION MUST BE COMPLETED BY DONOR	THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS				
1. NAME AND ADDRESS OF INSTITUTION, LABOR	ATORY, O	RACTIVITYWIT	н жысн ѕивм	ITTED DAT	A ARE ASSOCIATED
Ken Pitchen, DON Calk	145				İ
Alaska Dept. of Fish and Gom					
333 Ruspherry Rd.					
A AI Chenage A las Ha 99 2. Expedition, Project, or Program During	501				
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED	WHICH		IBER(S) USED E IS SHIPMENT	BY ORIGINA	TOR TO IDENTIFY
CSEAP		ļ		376	210
RU 243	V	File	ID		<u></u>
4. PLATFORM NAME(S) 5. PLATFORM TYP (E.G., SHIP, BUO		6. PLATFORM A	ND OPERATOR	7.	DATES
		PLATFORM	OPERATOR	FROM: MO,DA	YYE TO: MO DAY YE
Big Valley Ship	L	V-3	U., 5.	3/17/2	3/22/76
B. ARE DATA PROPRIETARY?	1	SE DARKEN ALI AINED IN YOUR			HICH ANY DATA
NO TYES	CONT	-		KEA	
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH	· .	· 	GENERAL AR	•	UINEULA
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?	100° 128°	140° 160° 180° 150° 140	° 120° 100° 80° 60°	40° 20° 0°	20° 40° 60° 80° 100°
(I.E., SHOULD THEY BE INCLUDED IN WORLD	278 7. 27	TOTAL			
DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE?)	242	211 222	211-56-13	21/25	
NO YES PART (SPECIFY BELOW)	50°	2007	101 155	191210	212 227 60°
	40° 170	155 160	155	145 1804	176.2 0 171
	20. 073	093 (%5	117 114	073 103	20,
10. PERSON TO WHOM INQUIRIES CONCERNING		05/ 052 221 01h	021		622 (25)
DATA SHOULD BE ADDRESSED WITH TELE-		7786 7315 VV 1354 9 1354	316 25	 	331 325 367 362 20°
THAN IN ITEM-1)		135	342 377 415 6913	• -	439 135
ni Pitcher, Done Calkinis	357	159	454		457 470
	6D° 505	500 105	290 10 235	450,515	511 506 60
333 Rasphenry Rd.		510. 531	526	516551	
Anchonage, AK 94501	109° 120°	1 1974 7 1 1204 140	2 120° 100° 80° 60°	40, 50, 0,	20° 40° 50° 80' 100'

LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE GIVE METHOD OF IDENTIFYING EACH RECORD TYPE			
Recond		3, 4,5,6,708 ane submitted	
2. GIVE BRIEF DESCRIF	TION OF FILE ORGANIZATION		
The IN Co	Pile 15 sequen	ending order	
4. RESPONSIBLE COMPI NAME AND ADDRESS	TERSSED IN PL-1 FORTRAN JTER SPECIALIST: PHONE NUMBER MIKE JOT A Street C	Crane 907-279-4523 AEIDC) Anchonage, AK. 99501	
COMPLETE THIS S	SECTION IF DATA ARE ON MAGNE	TIC TAPE	
3. RECORDING MODE	BCD BINARY ASCII EBCDIC	RECORD GAP (IF KNOWN) 3/4 INCH	
		10. END OF FILE MARK OCTAL 17	
6. NUMBER OF TRACKS (CHANNELS)	SEVEN	TI PASTE ON BARER LARGE SECRETARY (INCLUDE	
	⊠ NINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)	
7. PARITY 8. DENSITY		243 025 376LI0 BIG VALLEY 76-03-17 76-03-22 CALKINS 9 TRK, 800BPI, ODD, EBCDIC	
	556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES	
	X 800 BPI	13. LENGTH OF BYTES IN BITS	
NO AA FORM 24-13			



U.S. DEPARTMENT OF COMMERCE NAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

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1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED				ATED			
Ken Pitchen, Don Call	115						j
Alaska Dept. of Fish a	ind 6	omc		٠			Ì
333 Baspherny Rd.	,						}
ANChinine Alustia 99 2. EXPEDITION, PROJECT, OR PROGRAM DURING	501						
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED	WHICH		IBER(S) USED E IS SHIPMENT	BY ORIG	INATOF	R TO IDEN	TIFY
CSEAP				4	76	110	
RU 243	V	File	ID				i
4. PLATFORM NAME(S) 5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A		7.	DA	TES	
(2.0., 5.m., 100	1, 210.,	PLATFORM	OPERATOR	FROM:	DAY/Y F	TO: MO/D	AY/YR
	سدا						
Resolution Ship		V.5.	U.5.	04/1	2/76~	04/24	176
8. ARE DATA PROPRIETARY?		SE DARKEN ALI					TA
NO TYES	,	inco Wm 5					1
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEARMONTH	ν κε	+ - ENAI PENINSO	GENERAL AR	EA			
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?		40° 160° 180° 160° 140		40" 20"	0° 20°	40° 50° 80°	100
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)	275	255		\$ 2.00 m	53285		219
	60° 206					212	50.
NO YES PART (SPECIFY BELOW)	170 40°	165 160			1302	31020	171
,	114 145	129 124	119 113		73108	7 140	135
10. PERSON TO WHOM INQUIRIES CONCERNING	20° 06.	057 052 021 016	04/	10	07072	032	051 502 503
DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER	20. 16.	15 315 V 1874	310 526		1031	831 867	326 362 20
THAN IN ITEM-1)		38/	382 377	3	13 41)	430	335
ni Pitcher, DONE Calkinis	40°	459	150		20 474 20 474	457	40*
	60 ×05	500 401	300 5 20		\$0 515	511	e0. 2014
333 Rasphenry Rd.	541	536 557	526	<u> </u>	16 555	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	52
Anchinage, AK 94501	100° 120° 1	140° 160° 180° 150° 140	. 150, 120, 80, 80,	40° 20°	n* 20*	40° 60° 80°	1601
NOAA FORM 24-13							

C. DATA FORMAT

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

	. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE GIVE METHOD OF IDENTIFYING EACH RECORD TYPE			
(3, 4,5,6,7+8 are		
	being	5ubmitted		
. ,				
2. GIVE BRIEF DESCRIP	TION OF FILE ORGANIZATION			
The IN Co	file 15 sequen	ending order		
4. RESPONSIBLE COMPL NAME AND ADDRESS	FORTRAN	Crane 907-279-4523 AEIOC) Anchorage, AK, 94501		
		•		
S. RECORDING MODE	BCD BINARY ASCII SEBCDIC	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)		
7. PARITY 8. DENSITY	ODD EVEN	243 025 476LIO RESOLUTION 76-04-12 76-04-24 CALKINS 9 TRK, 800BPI, ODD, EBCDIC		
	200 BPI 1600 BPI \$556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES		
	X 800 BPI	13. LENGTH OF BYTES IN BITS		
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THIS SECTION MUST BE COM	PLETED BY DONOR	FOR ALL I	DATA TRANSMIT	TTALS				
1. NAME AND ADDRESS OF II			R ACTIVITY WIT	н which subm	ITTED	DATAA	RE ASSOCIA	A.TED
Ken Pitchen,	DON Call	145						
Alaska Dept.	of Fish c	end 6	s m C					
333 Buspherm	, Rd.							ŀ
A AI Chonage		501						
2. EXPEDITION, PROJECT, O DATA WERE COLLECTED	OR PROGRAM DURING	WHICH		MBER(S) USED E IIS SHIPMENT	Y ORI	GINATOF	R TO IDEN	TIFY
CSEAP			 					
RU 2	43	V	File	ID	5	76	L/0	-
4. PLATFORM NAME(S)	5. PLATFORM TYP (E.G., SHIP, BUO		6. PLATFORM A	AND OPERATOR 'Y(IES)	7.	DA	TES	
<u></u>			PLATFORM	OPERATOR	FROM:	10/DAY/YF	TO: MO/DA	YYR
Surreyor	Ship	r	V-5.	U.S.	05/	25/76	06/03	170
B. ARE DATA PROPRIETARY	?		SE DARKEN AL					TA
X NO YES		CONT	AINED IN YOUR 					
IF YES, WHEN CAN THE FOR GENERAL USE?		1-		GENERAL AR	REA P	IDDLE	TO N	
9. ARE DATA DECLARED NA PROGRAM (DNP)?	TIONAL	100° 120°	140° 160° 180° 160° 140	° 120° 100° 80° 60°	40° 20°	0° 20°	40° 63° 80°	100,
(I.E., SHOULD THEY BE IN DATA CENTERS HOLDING TIONAL EXCHANGE?)		2/3	237 223			253283	28: (()) 25:	P)
X NO YES PAR	T (SPECIFY BELOW)	60° 206	2018	101 150	 		212 2	60 '
A	(St Edit i Palon)	40 170	165 150	155		13 100	2/670	40*
		134 17	129 1073 1032	119 116	;	1073 108	101	37
DATA SHOULD BE ADDRESSED WITH TELE-		0° 22	057 052 024 016 320 315	047 134 011 144 310 346 341		037 072 NG 1036 500 133 A 330 1711	(3) (6)	20°
THAN IN ITEM-I)		40. 133	72 131 123 123	418 91		372 407 -03-147		34 40,
F+6	Carring	267	164 5 159			44/ 477	437	/c
333 Rasphenry	Rd.	80° 505	536 531	200 25 485 526 25 521		4% 515 516 551	511	E0°
Adchange, AK		100" 120"	140° 160° 130° 160° 140	, 150, 100, 80, 80, 80, 22, 22, 22, 22, 22, 22, 22, 22, 22, 2	43 202	0° 26"	40, 60, 80,	100,
NOAA FORM 24-15		L			·			

LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE GIVE METHOD OF IDENTIFYING EACH RECORD TYPE			
Recond	types # 1,2, being	3, 4,5,6,7+8 ane submitted	
2. GIVE BRIEF DESCRIP	TION OF FILE ORGANIZATION		
	file 15 sequen Ntinious asc	ending order	
3. ATTRIBUTES AS EXP	RESSED IN PL-1 TOTAL	ALGOL COBOL	
COMPLETE THIS S	ITER SPECIAL IST	Crane 907-279-4523 AEIDC) Anchonage, AK. 94501	
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 MINE	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	243 025 576LIO SURVEYOR IV A 76-05-25 76-06-03 CALKINS 9 TRK, 800BPI, ODD, EBCDIC	
	S56 BPI 800 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES	
NOAA FORM 24-13	, <u>Z</u> 3 900 BF1	13. LENGTH OF BYTES IN BITS	



TR1274

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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.

THIS SECTION MUST BE COMPLETED BY DONOR	FOR ALL	DATA TRANSMIT	TALS		
1. NAME AND ADDRESS OF INSTITUTION, LABOR	-	R ACTIVITY WIT	н жысн ѕивм	ITTED DATA AF	RE ASSOCIATED
Ken Pitchen, DON Calk	145				
Alaska Dept. of Fish a	ened 6	e m C			
333 Raspherry Rd.					
AAICHENAYE, Alus Ha 97 2. EXPEDITION, PROJECT, OR PROGRAM DURING	501				
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED	WHICH		BER(S) USED E IS SHIPMENT	Y ORIGINATOR	TO IDENTIFY
CSEAP					
RU 243	V	File	ID	w 76 L	10
4. PLATFORM NAME(S) 5. PLATFORM TYP (E.G., SHIP, BUO	E(S) Y, ETC.)	6. PLATFORM A NATIONALIT		7. DA	TES
<u>ν</u> .		PLATFORM	OPERATOR	FROM: MODAY/YR	TO: MO/DAY/YR
Sugaran Ship	L				1.12
Surveyor 3011		U-5.	U.S.	10/05/76	10/14/16
8. ARE DATA PROPRIETARY?		SE DARKEN ALL			
XNO YES	CONT	AINED IN YOUR	SUBMISSION W	ERE COLLECTI	ED.
IF YES, WHEN CAN THEY BE RELEASED		KODIAIL	GENERAL AR	PFA	
FOR GENERAL USE? YEARMONTH					
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?	100* 120*	140° 150' 180° 160° 140'	120° 100° 80° 60°	40° 20° 0° 20°	40" 60" 80" 100"
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA-	273 27		100 m 100 m	\$ 231233	284
TIONAL EXCHANGE?)	242	21 2 22	21/2/02/37	P 21/25 / 2 1	243
NO YES PART (SPECIFY BELOW)	206	1 201	St. 101 1 3 120	The state of the s	217 207 60°
	40° 170	155 160	155 (5)	143 180	3176 32 (9 17)
	200 134 1	003 034	119 116	107 144	104 000
10. PERSON TO WHOM INQUIRIES CONCERNING	100	057 052	047	037 072	
DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER	160	7356 31	310	X0335 33C171	567 3.5
THAN IN ITEM-1)	20° 197	13/	392 331 1415 de	312 57	403
Pitcher, Done Calkinis	40° 354	0,55 \$ 359	154		157
NO FOLG	505	410 495	290 3	430,515	511 120
333 Rasphenry Rd.	541	534	526	516551	
Anichonage, HK 945el	100° 126°	140° 150° 180° 150° 140°	, 150° 160° 80' 90'	40° 20° 20°	83 5/n 5/n 40° 50 100°

I. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE GIVE METHOD OF IDENTIFYING EACH RECORD TYPE			
Recond		3, 4,5,6,7+8 ane	
	ner ner) ~ Din C #	
2. GIVE BRIEF DESCRIP	TION OF FILE ORGANIZATION		
The	file 13 seque	Nced 51-46-77+hnough 51-4-77	
ini co	ntinous as	conding order	
4. RESPONSIBLE COMPL NAME AND ADDRESS	FORTRAN .	Crane 907-279-4523 AEIDC) Anchonage, AK. 99501	
COMPLETE THIS S	SECTION IF DATA ARE ON MAGNI	ETIC 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 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 □ even	243 025 W76LIO SURVEYOR 76-10-05 76-10-14 CALKINS	
8. DENSITY	200 BPI 1600 BPI	9 TRK, 800BPI, ODD, EBCDIC	
	556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES	
		13. LENGTH OF BYTES IN BITS	
NOAA FORM 24-13			

TR 1277

FORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

(White you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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 COMPLE	ELED BY DONOR I	OR ALL D	ALA IKANSMII	IALS				
1. NAME AND ADDRESS OF INST			R ACTIVITY WIT	н үнгсн ѕивм	TTED DA	TAAR	E ASSOCIA	TED
Ken Pitchen, 6								ł
Alaska Dept.	ef Fish a	nd 6	emc					
333 Ruspherry								1
A Ni Chonuge, A 1 2. EXPEDITION, PROJECT, OR	105 114 94	501						
2. EXPEDITION, PROJECT, OR I	PROGRAM DURING	WHICH	3. CRUISE NUM DATA IN TH	IBER(S) USED E IS SHIPMENT	BY ORIGIN	NATOR	TO IDENT	TFY
CSEAP								
P. U 229		V	File	ID	W	75	Pws	-
4. PLATFORM NAME(S) 5.	PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A NATIONALIT		7.	DAT	ES	
<i>i</i>			PLATFORM	OPERATOR	FROM: MO	DAYYR	TO: MO/DA	Y/YR
Montague	Ship	r	V-3.	U-5.	10/2	8/75	11/04/	75
B. ARE DATA PROPRIETARY?			SE DARKEN ALI					гА
Nino Tyes			AINED IN YOUR		ERE COL	LECTE	D.	
IF YES, WHEN CAN THEY	BE RELEASED	TAPI	ice william	GENERAL AR	FA			
FOR GENERAL USE? YE	ARMONTH	<i></i>	····					
9. ARE DATA DECLARED NATION PROGRAM (DNP)?	ONAL	100° 120° (40° 160° 180° 150° 140°	120° 100° 60° 60°	40° 20' 0	20, 40	o. 60. 80. 1	100-
(I.E., SHOULD THEY BE INCL DATA CENTERS HOLDINGS F		218	AU JUL		237	285	294 () 127	
TIONAL EXCHANGE?)		242	231	121 7 3 3 2 2	\$217	2 0	263	ا ، رو اِ
NO YES PART (SPECIFY BELOW)	206	4 201 - 168 A	191			212 203	1 1
		40° 134	129 124	155 150	145		176 7 7 171	13.
		20° 05 2	093 028 057 052	047 04	(07)		101	20.
10. PERSON TO WHOM INQUIRIES DATA SHOULD BE ADDRESSE		0 1	02) 016 	011/70 700	7.61	135	03 1° 02/	
PHONE NUMBER (AND ADDRI	ISS IF OTHER	20° 397	(A) 376 (37) 371 (37) 371	346 332 377	336		367 3 3 N	20.
o Pitcher, Done o	Callinis	40° 453	U 16: 459	415 19	128 454		457 470	140
TO FOLG		505	571 205		150		511	,
333 Ruspbenry R.	4.	511	531	524 1 521	ite	951	517	eo.
Arichange, AK	· · ·	100° 120° 1	140° 160° 160° 140°	120° 130° 90° 63°	40° 70° 0	20- 46	237 1 20, 10	ing-
NO A A CODIA SA AS								

	CONTAINED IN THE TRANSMITT ENTIFYING EACH RECORD TYPE	AL OF YOUR FILE
Becone		3, 4,5,6,7+8 are
	being	submitted
2. GIVE BRIEF DESCRIP	PTION OF FILE ORGANIZATION	
	Pile 13 seque.	ending under
3. ATTRIBUTES AS EXF 4. RESPONSIBLE COMP NAME AND ADDRESS	TFORTRAN TO THE SPECIALIST:	Crane 907-279-4523 AEIDC) Anchonage, AK. 94501
COMPLETE THIS	SECTION IF DATA ARE ON MAGNE	TTIC 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)	SEVEN MINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY 8. DENSITY	X ODD □ EVEN	229 025 W75PWS MONTAGUE 75-10-2% 75-11-04 PITCHER 9 TRK, 800BPI, ODD, EBCDIC
J. BENSIT	200 BPI 1600 BPI	9 IKK, 000511, 005, 25001
	556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES
	X 800 BPI	13. LENGTH OF BYTES IN BITS
NOAA FORM 24-13		



NOAA FORM 24-13

DATA DOCUMENTATION FORM

TR1278

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

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THIS SECTION MUST BE COMPLETED BY DONOR F	OR ALL	DATA TRANSMIT	TALS		
1. NAME AND ADDRESS OF INSTITUTION, LABORA	ATORY, O	R ACTIVITY WIT	H WHICH SUBM	ITTED DATA AF	RE ASSOCIATED
KEN Pitchen, DON Calkins					
Alaska Dept. of Fish a	and 6	omc			
333 Ruspherry Rd.	,				
ANCHERYS Alaska 99 2. EXPEDITION, PROJECT, OR PROGRAM DURING	501	·	····		
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED	WHICH		IBER(S) USED I IS SHIPMENT	BY ORIGINATOR	TO IDENTIFY
CSEAP					
RU 229	V	File	ID	676	YAK
4. PLATFORM NAME(S) 5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A NATIONALIT			TES
<u></u>		PLATFORM	OPERATOR	FROM: MODAY/YE	TO: MO/DAY/YR
R5"Surreyon" Ship	٢	V-3.	iv. 5.	5/25/76	6/03/76
B. ARE DATA PROPRIETARY?		SE DARKEN ALI			
XNO YES	CONT	AINED IN YOUR	SUBMISSION W	ERE COLLECTI	=0.
IF YES, WHEN CAN THEY BE RELEASED		YAKUTAT	GENERAL AF	RFA	
FOR GENERAL USE? YEARMONTH		·			
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?	100" 128"	14G° 160° 180° 160° 140	° 120° 130° 80° 60°	40° 70° 0° 20°	10. 60. 80. 100.
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA-	279			25375	284 [1] [25] 276
TIONAL EXCHANGE?)	24Z	237	227 22 22	(P21125)	74 743 600
NO YES PART (SPECIFY BELOW)	206	2017 200	191		217 207
	40* 170	129 165	119	145 180	376 7 0 1111 40
	20 009	093 033 057 052	(33 C) (33 C) (33 C)	3 073 103	104 20.
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-		021 916	011	5 300335	
PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I)	20 - 361	7 357 351	346 3:	336371	367 32 20
Pitcher, DONE CALKING	40° (33)		418 8 61	(14 8(14	134 40°
Follows	469 505	159 159 1 150 1405	450 45	ol 421 479 5 450 515	511 560
333 Rasphonny Rd.	541	536. 531	526 52	1 516 551	57 54° 50°
Anchonige, AK 44501	5/7	140° 150° 130° 160° 140	120° 100° 80° 80°	40° 20° 0° 20°	593 57F 40' 60' 80' 100'

C. DATA FORMAT

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

	CONTAINED IN THE TRANSMITTAL	L OF YOUR FILE
Recond		3, 4,5,6,7+8 ane submitted
2. GIVE BRIEF DESCRIP	TION OF FILE ORGANIZATION	
L	Pile 13 sequent	ending order
4. RESPONSIBLE COMPL NAME AND ADDRESS	JTER SPECIALIST:	Crane 907-279-4523 AEIDC) Anchonage, AK, 99501
5. RECORDING MODE	BCD BINARY	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH
G. NUMBER OF TRACKS	ASCII 🔀 EBCDIC	10. END OF FILE MARK OCTAL 17
(CHANNELS)	SEVEN MINE	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	229 025 676YAK SURVEYOR 76-05-25 76-06-03 PITCHER 9 TRK, 800BPI, ODD, EBCDIC
	556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES
	X 800 BPI	13. LENGTH OF BYTES IN BITS
NOAA FORM 24-19		

ORM 24-13

DATA DOCUMENTATION FORM

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

EXPIRES 1--81

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THIS SECTION MUST BE COMPLETED BY DONOR	FOR ALL	DATA TRANSMIT	TALS		
1. NAME AND ADDRESS OF INSTITUTION, LABOR	ATORY, O	RACTIVITYWIT	H WHICH SUBM	ITTED DATA	ARE ASSOCIATED
Ken Pitchen, DON Call	115				
Alaska Dept. of Fish and Gome					
333 Ruspherry Rd.	ŧ				
ANCHONAGE, Alus Ka 9: 2. EXPEDITION, PROJECT, OR PROGRAM DURIN	1501	¥4			
2. EXPEDITION, PROJECT, OR PROGRAM DURIN DATA WERE COLLECTED	G WHICH		ABER(S) USED E IIS SHIPMENT	BY ORIGINAT	OR TO IDENTIFY
CSEAP					
RU 229	V	File	ID 5	76	mip -
4. PLATFORM NAME(S) 5. PLATFORM TYP (E.G., SHIP, BUC		6. PLATFORM A		₹7. 1	DATES
L L		PLATFORM	OPERATOR	FROM: MODAY	YR TO: MO/DAY/YE
Rs" Sunveyor" Ship	r	<i>V</i> +5.	U-5.	5/25/7	6/03/76
8. ARE DATA PROPRIETARY?		SE DARKEN AL AINED IN YOUR			IICH ANY DATA
NO TYES	CONT	AINED IN TOUR	30 EM 1331 ON W	ERE COLLEC	JIED.
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEARMONTH		DDLETON ISLAND	GENERAL AF	REA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?	100* 120*	140° 150° 180° 150° 140	* 120° 100° 80° 60°	40° 20° 0° 20)° 40° 60° 80° 100°
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA-	278	208		\$ 253,288	284 210
TIONAL EXCHANGE?)	60* 242	237	227 50 5 22	217252	7 7 243 ED*
X NO YES PART (SPECIFY BELOW)	170	201	101 130	131 212	212 207
	10" 134	129 124	119	1 109 722	1.50
In DECISION TO WHOM HIGH DESCRIPTION	20.	057 052	047	037 072	20'
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-	0 2	71/2 71/2	210	(C) 036	032 027 351 376
PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)	20° 307	337	382 37	372 307	122 20"
· Pitcher, DONE CALKING	40° 469	U 423 423 459	415 454 454	3 203 413	457 40°
TO FOLG	60° \$05	500: 495	270	480 515	511 515 60*
333 Rasphenry Rd.	541	516 531	526 521	516551	542
Anchonage, AK 99501	[577] 100° 129°	5/2 56/	- 150° 100° 80° 60°	40° 20° 0° 20	0° 40° 60° 80° 190°
NOAA FORM 24-13					

	CONTAINED IN THE TRANSMITTA	L OF YOUR FILE
Recond		3, 4,5,6,7+8 are submitted
2. GIVE BRIEF DESCRIP	TION OF FILE ORGANIZATION	
	cile 15 sequen	ending order
4. RESPONSIBLE COMPUNAME AND PARESS	TER SPECIALIST:	Crane 907-279-4523 AEIDC) Anchorage, AK. 99501
COMPLETE THIS S	ECTION IF DATA ARE ON MAGNE 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)
7. PARITY 8. DENSITY	200 BPI 1600 BPI	229 025 576MID SURVEYOR 76-05-25 76-06-03 PITCHER 9 TRK, 800BPI, ODD, EBCDIC
NO A A FORM 24-13	S56 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES 13. LENGTH OF BYTES IN BITS

FORM 24-13 (4-77)

DATA DOCUMENTATION FORM

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

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THIS SECTION MUST BE COMPLETED BY DONOR	FOR ALL	ATA TRANSMIT	TALS				
1. NAME AND ADDRESS OF INSTITUTION, LABOR	•	R ACTIVITY WIT	H WHICH SUBM	IITTED DA	TAAR	E ASSOCIA	TED
Ken Pitchen, Don Calkins							
Alaska Dept- of Fish and Come							
333 Raspherny Rd.	,						
ANCHORAGE, Alas / 4 99 2. EXPEDITION, PROJECT, OR PROGRAM DURING	501	,					
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED	WHICH	3. CRUISE NUM DATA IN TH	BER(S) USED	BY ORIGIN	IATOR	TO IDENT	TIFY
CSEAP							
RU 229	V	File	ID	5	76	KAY	-
4. PLATFORM NAME(S) 5. PLATFORM TYP (E.G., SHIP, BUO		6. PLATFORM A NATIONALIT		₹ 7.	DAT	ES	
·		PLATFORM	OPERATOR	FROM: MO/	DAYYR	ro: MO/DA	Y/YR
R5 "Surveyor" Ship	L	V+3.	U.5.	5/25/	76,	6/03/	76
8. ARE DATA PROPRIETARY?		SE DARKEN ALI AINED IN YOUR					ra
₩io Tyes	CONT	AINED IN YOUR	SORWISSION M	ERE COLL	-ECIE	ь.	
IF YES, WHEN CAN THEY BE RELEASED	\ \ \ \	CAYAK	GENERAL A	REA			1
FOR GENERAL USE? YEAR MONTH 9. ARE DATA DECLARED NATIONAL		IS.				 	
PROGRAM (DNP)?	100 :20	140° 160° 180° 150° 140	· 120° 100° 80° 60°	40° 20° 0°	20" 40"	60° 80° 1	100*
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA-	273						
TIONAL EXCHANGE?)	60.			21/2		43 7 243	63.
X NO YES PART (SPECIFY BELOW)	206	155	191 19	9 113218	80 2	12	4
·	40" -071	129 124	119	4 100		20 135	40*
	20° 06	093 033 057 052	047	2 (037)	72		20.
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-	0 0 2	071 016	1011	7 100	24	32 02/	
PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)	20° 361	A 132	326 33	312 1		67 363 n3 335	3 70
e Pitcher, DONE CALKING	40" (33)	123 153	415 2	1 207 44		39 434	-i40° [
TO FOLG	505	500 :95	470	406.5	14 5	506	1
333 Ruspbunny Rd.	541	536 . 531	526	51659	55		,
Anchonage, AK 99501	577! 100° 120°	507 507 140° 160° 140	\$ 120° 100° 80° 60°	40° 20° 0°	20" 40"	83 57	100*
NCAA FORM 24-18							

	S CONTAINED IN THE TRANSMITTA ENTIFYING EACH RECORD TYPE	L OF YOUR FILE
Becon		3, 4,5,6,7+8 ane submitted
2. GIVE BRIEF DESCRI	PTION OF FILE ORGANIZATION	
	Pile 13 sequents asc	ending order
4. RESPONSIBLE COMP NAME AND ADDRESS	FORTRAN	Crane 907-279-4523 AEIDC) Anchonage, AK, 99501
COMPLETE THIS 5. RECORDING MODE	SECTION IF DATA ARE ON MAGNE BCD BINARY ASCII RECDIC	TIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH
		10. END OF FILE MARK
6. NUMBER OF TRACK (CHANNELS)	S SEVEN NINE	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	229 025 576KAY SURVEYOR 76-05-25 76-06-03 PITCHER 9 TRK, 800BPI, ODD, EBCDIC
	∑ 556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES 13. LENGTH OF BYTES IN BITS
NOAA FORM 24-13	·····	

FORM 24-13

(4 - 77)

DATA DOCUMENTATION FORM

TRI281

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MOST BE COME EXTENDED TO FORCE						
1. NAME AND ADDRESS OF INSTITUTION, LABORA	ATORY, OF	R ACTIVITY WIT	H WHICH SUBM	ITTED DAT	A ARE ASSOCIAT	TED
Ken Pitchen, DON Calk	115					- [
Alaska Dept. of Fish a	nd 6	o m C				
333 Ruspherny Rd.	-					1
ANChapare Alaska 99	501					- 1
ANChanage , Alas Ha 99 2. EXPEDITION, PROJECT, OR PROGRAM DURING	WHICH			BY ORIGINA	TOR TO IDENTI	IFY
DATA WERE COLLECTED		DATA IN TH	IS SHIPMENT			Ì
CSEAP						
		File	TD	/	7	,_
RU 229	V	1-12-	+ 1/	5 76	ICA	
4. PLATFORM NAME(S) 5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A NATIONALIT		₹ 7.	DATES	
L		PLATFORM	OPERATOR	FROM: MODA	YY TO: MO DAY	'/YR
Rs" Sunveyor" Ship	L			-		_ ,
אומל איייטל לא		V.5.	U-5.	5-25-7	16-03-7	7;]
	y		·	<u> 1. </u>		
8. ARE DATA PROPRIETARY?	ì	SE DARKEN ALL AINED IN YOUR			HICH ANY DATA ECTED.	^
₩NO YES						I
IF YES, WHEN CAN THEY BE RELEASED	1, 1	CY BAY	GENERAL AS	REA		- 1
FOR GENERAL USE? YEAR MONTH 9. ARE DATA DECLARED NATIONAL						
PROGRAM (DNP)?	100° 120° 1	40° 160° 180° 160° 140°	120* 100* 80* 60*	40" 20" 0"	20° 40° 50° 80° 101	m.
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA-	278			\$ 253298	284 70 279	
TIONAL EXCHANGE?)	242	231	227 200 3 22	21/252	201	60.
NO YES PART (SPECIFY BELOW)	206	4 mil 188	121 10	6 13 210	212 207	. 1
	40°	165 160	155 25 15	145 180	3763 0 171	40°
	200 134	073 038	119 11		120 135	
10. PERSON TO WHOM INQUIRIES CONCERNING	060	057 U52 021 U52	047	2 03/072	104 CM	
DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER	225	3320 315 V 354 351	310 30	300335)	
THAN IN ITEM-I)	20° 397	122 331	392 37	372 467	393	20*
i Pitcher, DONE CALKING	40- 433	0461	415 5	0 174 1/0 206 113	437 411	40"
NOFO6	505	500 495	100	15 430 515	SIT	eo.
333 Rasphenry Rd	541	536. 531	526 52	515551	542	en.
ANchonage, AK 94501	100° 120° 1	572 567 140° 160° 160° 160° 140°	. 150. 100. 80, 20, 20, 20, 20, 20, 20, 20, 20, 20, 2	7 1 552587 40" 20° 0°	20° 411° 50° 80° 101	30°
N.C. A. J. C. David and A. C.	l <u></u>					

LIST RECORD TYPES CONTA GIVE METHOD OF IDENTIFY		L OF YOUR FILE
	pes # 1,2,	3, 4,5,6,7+8 ane submitted
2. GIVE BRIEF DESCRIPTION	OF FILE ORGANIZATION	
		ending order
	FORTRAN	Crane 907-279-4523 AEIDC) Anchonage, AK. 99501
S. RECORDING MODE	CD BINARY SCII SEBCDIC	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH 10. END OF FILE MARK OCTAL 17
6. NUMBER OF TRACKS SCHANNELS) S	EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
8. DENSITY	00 BPI 1600 BPI	229 025 576ICY SURVEYOR 76-05-25 76-06-03 PITCHER 9 TRK, 800BPI, ODD, EBCDIC
	56 BP(12. PHYSICAL BLOCK LENGTH IN BYTES
NOAA FORM 24-13	00 BP1	13. LENGTH OF BYTES IN BITS

TR1283

FORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R265 EXPIRES 1-81

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A. ORIGINATOR IDENTIFICATION

Ken Pitchen, Don Calkins Alaska Dept. of Fish and Gome	
Alaska Dept. of Fish and Gome	1
	ŀ
333 Raspherny Rd.	
ANCHORAGE, Alus Ha 9450	
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENT DATA IN THIS SHIPMENT	TFY
QCSEAP	
RU 229 V File ID 7 76 TUG	-
4. PLATFORM NAME(S) 5. PLATFORM TYPE(S) 6. PLATFORM AND OPERATOR 7. DATES (E.G., SHIP, BUOY, ETC.) NATIONALITY(IES)	
PLATFORM OPERATOR FROM: MO,DAY,YR TO: MO,DA	Y/YR
OAL FOOT TUGIDAN ISTORM OPERATOR FROM: "07/12/ V.S. 7/68/77 7/12/	77
8. ARE DATA PROPRIETARY? 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATE OF CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	A
NO TYES TUGIDAK	
IF YES, WHEN CAN THEY BE RELEASED ISLAND GENERAL AREA FOR GENERAL USE! YEAR MONTH	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? 100° 120° 140° 160° 180° 180° 160° 180° 100° 80° 60° 40° 20° 0° 20° 40° 60° 80°	100.
(I.E., SHOULD THEY BE INCLUDED IN WORLD 200 100 100 100 100 100 100 100 100 100]
DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE?)	
NO YES PART (SPECIFY BELOW) 50° COG G TO 101 101 100 100 100 100 100 100 100 10	60*
100 105 1055 1055 1055 1055 1055 1055 1	1 400
134 129 122 1110 114 107 127 129 122 129 129 129 129 129 129 129 129	20.
10. PERSON TO WHOM INQUIRIES CONCERNING 0 101 101 101 101 101 101 101 101 101	,
DATA SHOULD BE ADDRESSED WITH TELE-PHONE NUMBER (AND ADDRESS IF OTHER 20 50 50 50 50 50 50 50 50 50 50 50 50 50	1 20
THAN IN ITEM-1) 100 133 132 132 132 132 132 132 132 132 132	ł I
500 C 11 0 L 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	60,
\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	
Archenige, AK 99501 100 100 100 100 100 100 100 100 100	100

1. LIST RECORD TYPES GIVE METHOD OF IDE			L OF YOUR FILE	
Recona	l types		3, 4,5,6,7+8 ane submitted	
,	· .			
2. GIVE BRIEF DESCRIF	TION OF FILE	ORGANIZATION		
The	Pile o	ontains stat	:10n#Tug-1-76	···
4. RESPONSIBLE COMPINAME AND ADDRESS	UTER SPECIAL	FORTRAN	Crane 907-279-45 AEIDC) Anchonage, AK. 99	523
COMPLETE THIS	SECTION IF DA	TA ARE ON MAGNET	TIC TAPE	
5. RECORDING MODE	BCD	BINARY EBCDIC	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH 10. END OF FILE MARK	
.,	Ш		OCTAL 17	
6. NUMBER OF TRACKS (CHANNELS)	S SEVEN NINE		11. PASTE-ON-PAPER LABEL DESCRIPTION (I ORIGINATOR NAME AND SOME LAY SPECIE OF DATA TYPE, VOLUME NUMBER)	
7. PARITY 8. DENSITY	ODD EVEN	1600 BPI	229 025 776TUG ON FOOT 76-07-08 76-07-12 PITCHER 9 TRK, 800BPI, ODD, EBCDIC	
	556 BPI		12. PHYSICAL BLOCK LENGTH IN BYTES	
	X 800 BPI		13. LENGTH OF BYTES IN BITS	
NOAA FORM 24-13			· · · · · · · · · · · · · · · · · · ·	

177-0220 TR1284

ORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

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A. ORIGINATOR IDENTIFICATION

1. NAME AND ADDRESS OF INSTITUTION, LABORA	ATORY, OF	R ACTIVITY WIT	н мнісн ѕивм	ITTED DAT	TA ARE ASSOCIATED	
Ken Pitchen, DON CALK	145					
Alaska Dept- of Fish and Game						
333 Raspherry Rd.						
ANChonage, Aluska 44	ANCHONIZE, Alus Ka 44501 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY					
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED	WHICH		IBER(S) USED I IS SHIPMENT	BY ORIGINA	ATOR TO IDENTIFY	
CSEAP						
RU 229	V	File	ID	376	KEN -	
4. PLATFORM NAME(S) 5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A NATIONALIT		7.	DATES	
<u></u>		PLATFORM	OPERATOR	FROM: MO/D	AY/YH TO: MO/DAY/YR	
Big Walley Ship	٢	V-5.	U5.	3/17/	77 3/22/77	
B. ARE DATA PROPRIETARY?		SE DARKEN ALI AINED IN YOUR			WHICH ANY DATA	
ZNO YES	CONT		SOBMISSION II	ERE COLLI	ECTED.	
IF YES, WHEN CAN THEY BE RELEASED	D	KENAI	GENERAL AF	REA		
FOR GENERAL USE? YEARMONTH 9. ARE DATA DECLARED NATIONAL		EW103024				
PROGRAM (DNP)?		140° 160° 180° 160° 140	120° 150° 80° 60°	40° 20° 0°	20° 40° 50° 80° 100°	
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA-	275			75)284	284	
TIONAL EXCHANGE?)	60°	237	227 3 22	21/257	213	
X NO YES PART (SPECIFY BELOW)	206	Q1 201	6 191	13,1510	21/2 70/1	
	40° 13: \$1	125	119	19/10	135 40	
	20° 06.	993 (C23 057 052	07	G3/072	104 000, 200	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-	0. 02	[62] [616] [713] [315]	310	200/335	032 0° 0.77 0°	
PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I)	20° 307	355	346 382 37	372.507	-\i-\i	
A Pitcher, DONE CALKINIS	40° 469	10 150 (23 1 150)	113 - 91 154 9 14	3 463 443 442 479	40°	
F.J. G	50	5.4 255	400 65	250 515	╎╼╎╼╎╼╎╼╎╼╎╼╎╸ ┆╸╸┃	
333 Rasphenry Rel		536. 531	526	516-51	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Anchonage, AK 44501	150° 120° 1	1+0° 160° 180° 160° 140	. 150, 100, 80, 60, 227, 22	40 20 0	20" 40' 60' 80' 100'	

· · · · · · · · · · · · · · · · · · ·	ONTAINED IN THE TRANSMITTA TIFYING EACH RECORD TYPE	L OF YOUR FILE
Record		3, 4,5,6,7+8 are
	being	3 ubmitted
_		
2. GIVE BRIEF DESCRIPTION	ON OF FILE ORGANIZATION	
	ile 13 sequen Itinious asc	ending order
4. RESPONSIBLE COMPUTION NAME AND PHADDRESS 76	FORTRAN ER SPECIALIST:	Crane 907-279-4523 AEIDC) Anchorage, AK, 99501
	CTION IF DATA ARE ON MAGNET BCD BINARY ASCII EBCDIC	•
6. NUMBER OF TRACKS	SEVEN	10. END OF FILE MARK OCTAL 17
	NINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY	ODD EVEN	229 025 376KEN BIG VALLEY 76-03-17 76-03-22 PITCHER 9 TRK, 800BPI, ODD, EBCDIC
	200 BPI 1600 BPI 556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES
NOAA FORM 24-13	X 800 BPI	13. LENGTH OF BYTES IN BITS

TR1285

ORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R265 EXPIRES 1-81

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A. ORIGINATOR IDENTIFICATION

THIS SECTION WOST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS							
1. NAME AND ADDRESS OF INSTITUTION, LABOR	-	R ACTIVITY WITH	H WHICH SUBM	ITTED DA	TAARE	ASSOCIA	TED
Ken Pitchen, Don Calk							
Alaska Dept. of Fish a	ind 6	omc					
333 Ruspherny Rd.	- <i>i</i>						
ANCHERAGE, Alus 114 97 2. EXPEDITION, PROJECT, OR PROGRAM DURING	501	<u> </u>					
DATA WERE COLLECTED	WHICH	3. CRUISE NUM DATA IN TH		BY ORIGIN	IATOR T	OIDENI	164
CSEAP	į						
RU 229	V	File	ID	4 7	6 11	e N	!-
4. PLATFORM NAME(S) 5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A NATIONALIT		7.	DATE	S	
<u>_</u>		PLATFORM	OPERATOR	FROM: MO	DAY/YF TO	D: MO/DA	Y/YR
BV " Resolution" wesse	1	V.5.	U-5.	4/12/	76 4	1/24/7	76
8. ARE DATA PROPRIETARY?		SE DARKEN ALL					FA
₩NO YES		•	50BIIII331011 11			•	
IF YES, WHEN CAN THEY BE RELEASED		ENA! ENINSULA	GENERAL AR	EA		-	
9. ARE DATA DECLARED NATIONAL			· · · · · · · · · · · · · · · · · · ·				
PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD	278	40° 160° 180° 160° 140°	120. 100. 80. 60.	40° 20° 0°	20° 40°	80 VS	,
DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE?)	242	23/ 222		(2)1/2	57 7 7		j
NO YES PART (SPECIFY BELOW)	206		101		10 212	201	60-
A	170	165 165	155	145	80 276	30 17	40,
	20" 134	2 129 174 174 1093 1093 1093 1093	1119 113	10731	101	135	4 1
10. PERSON TO WHOM INQUIRIES CONCERNING	200	057 652 021 015	047	037 0		1 04	4
DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER	70. 161	315 V 356 3 351	319 X5	5 500	32/ 1/20	320	5
THAN IN ITEM-1)		37	35 37	* - - - - - - - - - - 		39: 434	
a Pitcher, DONE CALKING	40°	16,2 359	454	411/1	79 457		
For 6	60 505	500 275	230 0 235	436/5	15 511	1,714	en•
333 Rasphenry Rol	341	530 531	526 321	5165	54 55		1
ANchonage, AK 94501	100° 124° 1		150, 100, 20, 20,	40 - 70 - 0	20" 40"	90, 90, 1	.i .co*
10 14 50 DN 24 15							···········

	CONTAINED IN THE TRANSMITTA	L OF YOUR FILE
Recon		3, 4,5,6,7+8 are submitted
		•
2. GIVE BRIEF DESCRIF	PTION OF FILE ORGANIZATION	
	Pile 15 sequer	ending order
4. RESPONSIBLE COMP NAME AND ADDRESS	FORTRAN	Crane 907-279-4523 AEIDC) Anchonage, AK. 99501
		• •
5. RECORDING MODE	BCD BINARY ASCII EBCDIC	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH
		10. END OF FILE MARK
6. NUMBER OF TRACKS	SEVEN	
(OMMALES)	NINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS
		OF DATA TYPE. VOLUME NUMBER)
7. PARITY	Xood	229 025 476KEN RESOLUTION
	EVEN	76-04-12 76-04-24 PITCHER 9 TRK, 800BPI, ODD, EBCDIC
8. DENSITY	200 BPI 1600 BPI	3 INV. OUODLI, ODD. FDCDIC
	556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES
	X 800 BPI	13. LENGTH OF BYTES IN BITS
		-
NO A A FORM 24-13		

TR 1286

ORM 24-13

U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEANOGRAPHIC DATA CENTER RECORDS SECTION WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

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A. ORIGINATOR IDENTIFICATION

THIS SECTION WOST BE COMPLETED BY DONOR I	TUR ALL L	DATA TRANSMIT	IALS			
1. NAME AND ADDRESS OF INSTITUTION, LABOR		R ACTIVITY WIT	H WHICH SUBM	ITTED DATA	ARE ASSOCI	ATED
Ken Pitchen, Don Calkins						
Alaska Dept. of Fish and Gome						
333 Raspherny Rd.	,					
A AI Chanage A 105 1/4 99 2. EXPEDITION, PROJECT, OR PROGRAM DURING	501	Y				
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED	WHICH		IBER(S) USED E IS SHIPMENT	BY ORIGINAT	OR TO IDEN	TIFY
CSEAP						
RU 229	V	File	ID -	2 76	KOD	-
4. PLATFORM NAME(S) 5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A		7.	DATES	
	1, 2101,	PLATFORM		FROM: MODAY	YF TO: MO/D/	Y/YR
MV" Resolution > Shin	i					
72777	-	U.5.	U-5.	2/03/7	12/13	176
8. ARE DATA PROPRIETARY?	11. PLEAS	SE DARKEN ALI	_ MARSDEN SO	UARES IN WE	ICH ANY DA	TA
XNO ☐YES		AINED IN YOUR	- ,			
MAN LITES		KODIAK				İ
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEARMONTH	₩		GENERAL AF	REA		
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?	100" 120"	140° 150° 180° 160° 140	° 120° 100° 80° 50°	40° 20° 0° 2	0° 40° 60° 80° '	100°
(I.E., SHOULD THEY BE INCLUDED IN WORLD	273	7 273 265	100 M20 1	[4 25728S	284 E 1945 2	70
DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE?)	242	231 232	21 75 3 21	217252	CHAPTER TO THE	43
X NO YES PART (SPECIFY BELOW)	60° 206	1 200	151 180		212 2	07 60*
	40° 170	165 160	155 33	13 180		71 40°
	20. 098	093 123	033 077	073 108		35 77 20°
10. PERSON TO WHOM INQUIRIES CONCERNING		057 U52 021 016	017 04	037 072 1001 036	037	27 00
DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER	20" 30!	7320 115 1534 2 51	310 35 346 31	336 171	367 3	2' 20'
THAN IN ITEM-1) AL Pitcher, DONE CALKING	40° 433	387	332 377 418 8 91	372 107		03 31 40°
For G	169	159	454	4:44/4	╿ ╌╶┞╍╌┠╼╌┠╼╼╂╼╼╏╼═╏╼═┨	70
	£3. 505	500 495	190 55 435	450515	51!	60 ,
333 Rusphenry Rd.	541	536 . 531	526	516 551		2
ANchonage, AK 94501	100° 120° 1	140, 120, 130, 120, 140	120° 100° 80° 60°	40° 20° 0° 2	0 40 60 60'	100°
NOAA FORM 24-12		~			····	

	CONTAINED IN THE TRANSMITTA	L OF YOUR FILE
Recond		3, 4,5,6,7+8 are submitted
2. GIVE BRIEF DESCRIF	PTION OF FILE ORGANIZATION	
	intinous asc	
	uter specialist: phone number Mike 707 A Street C section if data are on magne	Crane 907-279-4523 AEIDC) Anchonage, AK. 99501
5. RECORDING MODE	BCD BINARY	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH
	ASCII REBCDIC	
		10. END OF FILE MARK
6. NUMBER OF TRACKS		-
(CHANNELS)	SEVEN NINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE
	∑ uius	ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
7. PARITY		229 025 276KOD
	ODD	RESOLUTION 76-02-03 76-02-13 PITCHER
8. DENSITY	200 BPI 1600 BPI	9 TRK, 800BPI,ODD, EBCDIC
	556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES
	X 800 BPI	12 LENGTH OF BYTES IN BITS
		13. LENGTH OF BYTES IN BITS
NOAA FORM 24-13		

ORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1--81

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THIS SECTION MUST BE COMPLETED BY DONOR I	FOR ALL	DATA TRANSMIT	TTALS				
1. NAME AND ADDRESS OF INSTITUTION, LABOR	ATORY, OF	R ACTIVITY WIT	H WHICH SUBM	ITTED DATA	RE ASSOCIA	ATED	
Ken Pitchen, Don Calkins							
Alaska Dept. of Fish o	Alaska Dept. of Fish and bome						
333 Raspherny Rd.							
A AI Chenine , A lus 11a 49 2. EXPEDITION, PROJECT, OR PROGRAM DURING	501	***************************************					
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED	WHICH		MBER(S) USED I	BY ORIGINATO	R TO IDENT	rify	
CSIEAP							
RU 229		File		4 76	150D	<u></u>	
4. PLATFORM NAME(S) 5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A		7. D.	ATES		
<u> </u>		PLATFORM	OPERATOR	FROM: MODAY,Y	¹³ то: МО/DA	Y/YR	
Resolution Ship	r	V-3.	U-5.	4/12/76	4/24/	176	
8. ARE DATA PROPRIETARY?		SE DARKEN AL				TA	
MNO □YES	CONT	AINED IN YOUR	SUBMISSION W	EKE COLLEC	IED.		
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH	1 K	DIAK	GENERAL AF	REA			
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?	100° 120°	140° 160° 180° 150° 140	0° 120' 100° 80° 50°	40° 20° 0° 20°	40° 60° 80°	100 .	
(I.E., SHOULD THEY BE INCLUDED IN WORLD	278 19	263		\$ \$ 231288	284 A PG 21	70	
DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE?)	242	237	21/2/2012	(20 20 E)	But the	· 1	
NO YES PART (SPECIFY BELOW)	200	4 2017	101	6 181210	212 20	50*	
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	200 000	093 083	07		104	20^	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE-		021 016	0:1			2/ 0.	
PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)	20- 361	756	134 151 132 157	1 330 37 1 7 372 307	567 36 7403 52	20.	
Pitcher DONE CALKING	40.	0/26 15 421	4:5 8 91	\$03443	439 43	40*	
F+6	505	500 459	154 (55)	5 490,515	511)r!	
333 Rasphenry Rd.	541	536. 531	526 462	1. 516551	5.47	- 60°	
Anchonage, AK 44501	577 100° 120°	577 567 180° 160° 140	36. 150, 100, 80, 90, 20, 20, 20, 20, 20, 20, 20, 20, 20, 2	40° 20° 0° 20°	40° 50- 80'	100	
NOAA FORM 34-13	L						

	CONTAINED IN THE TRANSMITT NTIFYING EACH RECORD TYPE	AL OF YOUR FILE
Recond	_	3, 4,5,6,7+8 are
	being	submit ted
2. GIVE BRIEF DESCRIP	TION OF FILE ORGANIZATION	
The I	aile 15 seque nitimous ase	reading order
3. ATTRIBUTES AS EXP 4. RESPONSIBLE COMPLINAME AND ADDRESS	FORTRAN THE SPECIALIST:	ALGOL COBOL LANGUAGE Crane 907-274-4523 AEIDC) Anchonage, AK, 94501
COMPLETE THIS S	ECTION IF DATA ARE ON MAGNE	ETIC TAPE
5. RECORDING MODE	BCD BINARY ASCII EBCDIC	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH
6. NUMBER OF TRACKS		10. END OF FILE MARK
(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	229 025 476 KOD RESOLUTION 76-04-12 76-04-24 PITCHER 9 TRK, 800BPI, ODD, EBCDIC
8. DENSITY	200 BPI 1600 BPI	2 link, 20001 x 3 222 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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	X 800 BPI	13. LENGTH OF BYTES IN BITS
NOAA FORM 24-13		

FORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION WASHINGTON, DC 20235

EXPIRES 1-81

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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 AS A LASKA DEPT. OF FISH & GAME 333 RASP BERRY ROAD ANCHORAGE, ALASKA 99501 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSERP RU 229 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO 1D DATA IN THIS SHIPMENT OCSERP RU 229 4. PLATFORM NAME(S) 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) MODAYYEL 100				
KEN PITCHER, DON CALKINS ALASKA DEPT. OF FISH & GAME 333 RASP BERRY ROAD ANCHORAGE, ALASKA 99501 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP RU 229 4. PLATFORM NAME(S) 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) 6. PLATFORM AND OPERATOR 7. DATES NATIONALITY(IES)				
ALASKA DEPT. OF FISH & GAME 333 RASP BERRY ROAD ANCHORAGE, ALASKA 99501 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP RU 229 4. PLATFORM NAME(S) 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) OF FISH & GAME 3. CRUISE NUMBER(S) USED BY ORIGINATOR TO ID DATA IN THIS SHIPMENT O76 KOD 6. PLATFORM AND OPERATOR 7. DATES NATIONALITY(IES)	CIATED			
333 RASP BERRY ROAD ANCHORAGE, ALASKA 99501 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP RU 229 4. PLATFORM NAME(S) 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) 6. PLATFORM AND OPERATOR 7. DATES NATIONALITY(IES)				
ANCHORAGE, ALASKA 99501 2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP RU 229 4. PLATFORM NAME(S) 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) 6. PLATFORM AND OPERATOR 7. DATES NATIONALITY(IES)				
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RU 229 4. PLATFORM NAME(S) 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) NATIONALITY(IES) 6. PLATFORM AND OPERATOR 7. DATES NATIONALITY(IES)	ENTIFY			
4. PLATFORM NAME(S) 5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) 6. PLATFORM AND OPERATOR 7. DATES NATIONALITY(IES)				
(E.G., SHIP, BUOY, ETC.) NATIONALITY(IES)				
]				
PLATFORM OPERATOR FROM: MO,DAY,YR TO: MC	/DAY/YR			
RV SURVEYOR NOAR SHIP U.S. U.S. 10/14/76 10/1	4/76			
8. ARE DATA PROPRIETARY? 11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY	DATA			
CONTAINED IN YOUR SUBMISSION WERE COLLECTED.				
IF YES, WHEN CAN THEY BE RELEASED KODIAK				
FOR GENERAL USE! YEARMONTH	GENERAL AREA			
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? 100° 120° 140° 150° 160° 160° 160° 160° 160° 160° 160° 16	60° 100°			
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA-TIONAL EXCHANGE?) 278 278 278 278 278 278 277 278 278 278 278 278 278 278 278 278 278 278 278 277	279 243			
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10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-I) 003 007 007 007 007 007 007 007 007 00	003 20 00 326 00 336 362 398 434 40°			
REN PITCHER OF DON CALKINS 469 460 459 454 8 400 4017 457	470			
505 500 495 490 505 480515 511				
33 RASPBERRY ROAD 541 536 531 526 521 516551 547	506			
ANCHORAGE, AK. 99501 577 572 567 562 557 552587 583 100° 120° 140° 180° 180° 180° 140° 120° 100° 80° 80° 40° 20° 0° 20° 40° 60°	506 50*			

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

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
Salinity	Tor	Nansen bottles	Inductive salinometer (Hytech model \$510)	N/A (not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	d units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk 165

(SPACE IS PROVIDED ON THE FOLLOWING TWO PAGES FOR THIS INFORMATION)

B. SCIENCE CONTENT

	B. SCIENCE CONTENT				
NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION OF THE STRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROC NG , TECHNIQUES WITH FILTERING AND AVERAGING	
		SEE ATTACHMENT.			
	i 1				
			!		
		:			

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
	!			
NOAA F				72

C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

- 1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).
 - 2. Describe briefly how your file is organized.
 - 3-13. Self-explanatory.
 - 14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity.
 - 15. Enter starting position of the field.
- 16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.
- 17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").
- 18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

C. DATA FORMAT

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

Record	Types # 1,2,3,4,5,	6,7,48 are being submitted.
GIVE BRIEF DESCR	IPTION OF FILE ORGANIZATION	
	TETION OF FILE ORGANIZATION	
in c	ontinuous ascendin	KOD-28-76 through KOD-45-76 ag order.
RESPONSIBLE COMP	FORTRAN PUTER SPECIALIST: D PHONE NUMBER MIKE C	Tane 907-279-4523 IDC) Ancherage, Ak 99501
RESPONSIBLE COMP NAME AND ADDRESS	FORTRAN PUTER SPECIALIST: D PHONE NUMBER MIKE C	LANGUAGE rane 907-279-4523 IDC) Ancherage, Ak 99501
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS	FORTRAN PUTER SPECIALIST: D PHONE NUMBER MIKE C 707 A Street (AE SECTION IF DATA ARE ON MAGN BCD BINARY	rane 907-279-4523 IDC) Anchorage, Ak 99501
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS	PUTER SPECIALIST: D PHONE NUMBER MIKE C 707 A Street (AE)	LANGUAGE Pare 907-279-4523 DC) Anchorage, Ak 99501 ETIC TAPE
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE	FORTRAN PUTER SPECIALIST: D PHONE NUMBERMIKE_C 707 A Street (AE SECTION IF DATA ARE ON MAGN BCD	LANGUAGE Pare 907-279-4523 DC) Anchorage, Ak 99501 ETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE	FORTRAN PUTER SPECIALIST: D PHONE NUMBERMIKE_C 707 A Street (AE SECTION IF DATA ARE ON MAGN BCD	LANGUAGE PARE 907-279-4523 IDC) Anchorage, Ak. 99501 ETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH 10. END OF FILE MARK OCTAL 17
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE	FORTRAN PUTER SPECIALIST: D PHONE NUMBER MIKE C 707 A Street (AE SECTION IF DATA ARE ON MAGN BCD BINARY ASCII EBCDIC SECTION SEVEN	LANGUAGE PARE 907-279-4523 IDC) Anchorage, Ak. 99501 ETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH 10. END OF FILE MARK OCTAL 17 II. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS)
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE	FORTRAN PUTER SPECIALIST: D PHONE NUMBERMike_C 707 A Street (AE) SECTION IF DATA ARE ON MAGN BCD	LANGUAGE Tane 907-279-4523 DC) Archerage, Ak 99501 ETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH 10. END OF FILE MARK 10. END OF FILE MARK 11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) 229 025 076 KOD SURVEYOR
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACK (CHANNELS)	FORTRAN PUTER SPECIALIST: D PHONE NUMBER MIKE C 707 A Street (AE SECTION IF DATA ARE ON MAGN BCD BINARY ASCII EBCDIC SS SEVEN NINE	LANGUAGE PARE 907-279-4523 DC.) Anchorage, Ak 99501 ETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH 10. END OF FILE MARK OCTAL 17 ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) 229 025 076 KOD SURVEYOR 76-10-05 to 76-10-14
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACK (CHANNELS)	FORTRAN PUTER SPECIALIST: D PHONE NUMBERMike_C 707 A Street (AE) SECTION IF DATA ARE ON MAGN BCD	LANGUAGE Tane 907-279-4523 DC) Archerage, Ak 99501 ETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH 10. END OF FILE MARK 10. END OF FILE MARK 11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) 229 025 076 KOD SURVEYOR
RESPONSIBLE COMP NAME AND ADDRESS COMPLETE THIS RECORDING MODE NUMBER OF TRACK (CHANNELS)	FORTRAN PUTER SPECIALIST: D PHONE NUMBER	LANGUAGE PARE 907-279-4523 DC.) Anchorage, Ak 99501 ETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH 10. END OF FILE MARK OCTAL 17 ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) 229 025 076 KOD SURVEYOR 76-10-05 to 76-10-14
ADDRESS COMPLETE THIS RECORDING MODE	FORTRAN PUTER SPECIALIST: D PHONE NUMBER MIKE C 707 A Street (AE SECTION IF DATA ARE ON MAGN BCD BINARY ASCII EBCDIC SEVEN NINE 200 BPI 1600 BPI	LANGUAGE Tane 907-279-4523 IDC) Archorage, Ak 99501 ETIC TAPE 9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH 10. END OF FILE MARK OCTAL 17 11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) 229 025 076 KOD SURVEYOR 76-10-05 to 76-10-14 9 TRK, 800 BPI, ODD, EBCDIC

NO.AA FORM 24-19

		B. SCIENTIFIC C	онтент	
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	u u	Stomachs emptied of their contents and weighed intact	t1 1t
Weight of stomach contents	grams	11	Contents from stomach transferred to Tyler screens (1.0mm and 2.0mm) where they were washed and weighed.	15 11
Number of preys	numeric	N/A	Manual sorting and counting.	11 11
Items id environd Weight of prey	ml grams	Graduated cylinder Model # PL-2 Torsion	Water displacement Prey item(s) isolated and	11 11
ident: Eled Maximum length	mm	Balance Ruler	rey itemSheld along side	11 11
of prey item idontified Minimum length of prey item identified	nn.	Ruler	of a ruler. Prey itemSheld along side of a ruler.	11 11
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1		· · · · · · · · · · · · · · · · · · ·		

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PASSING TECHNIQUES WAS FILTERING AND AVERAGING
Standard Length	СМ	N/A	Straight line measurement from tip of nose to tip of tail with head, neck and tail in a natural position.	
Curvilinear Length	СМ	N/A	Measured over dorsal curvature of body from tip of the nose to the end of the tail with head and neck in a natural position.	
Gross Weight	Grams	n/A	Specimens weight intact.	
Wt. Hide & Blubber	Grams	n/a	Specimens skinned with blubber attached to hide. Hide and blubber weight.	
Axillary Girth	CM	n/A	Taken around the body immediately behind foreflips	er.
Hind flipper length. A STANKE	CM	A\N	The straight line distance from axilla to the tip of th longest digit with the flipp held 90° from the axis of the body.	
Neck circumference	СМ	N/A	Measured behind the ears wit the head outstretched.	1
Blubber thickness Chest	CM		Measured at a point level with the front flippers and midpoint on the chest.	
Blubber thickness sternum of	СМ		Measured at the tip of the sternum.	

		B. SCIENTIFIC C	ONTENT	
NAME TA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERV INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DA ROCESSING 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.	30
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 dis- tance from the center of the penile orifice to the antrior notch of the anus.	N/A
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 Testes #1 Length Testes #1	eudic em em mm	N/A N/A	Water displacement Taken at the middle of the testes.	
Width Testes #2 Length Testes #2 Width	mm orto	N/A N/A	11 12 12 12 12 12 12 12 12 12 12 12 12 1	

		D. SOLECTIFIC C	ONIENI	
NAME OF FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVA INSTRUMENTS US (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	TECHNIQUE THE 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 P.	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. SCIENTIFIC CONTENT

` `				
NAMÈ 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 78% of 300% magnification.	
				÷
			·	NÍA
			•	
			•	

HOAA FORM 24-13 10-721

M- DC 46263.5

RECORD FORMAT DESCRIPTION RECORD NAME __ 15. POSITION 16. LENGTH 17. ATTRIBUTES | 18. USE AND MEANING FIELD NAME FROM-1 MEASURED IN NUMBER UNITS (e.g., bits, bytes) RU #229 - OCSEAP Format 025 (Mammal Specimen)

RECORD FORMAT DESCRIPTION

RECORD NAME_ 15. POSITION 16. LENGTH FROM - 1 MEASURED 14. FIELD NAME 17. ATTRIBUTES 18. USE AND MEANING IN_ NUMBER UNITS (e.g., bits, bytes)

NOAA FORM 24-13



This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("\sum'") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE DATE OF LAST (MFR., MODEL NO.) CALIBRATION	DATE OF LACE	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRU- MENT IS
		YOUR ORGANIZATION	OTHER ORGANIZATION (GIVE NAME)	ĀT FIXED	BEFORE OR After USE	BEFORE AND AFTER USE	ONLY AFTER REPAIR	ONLY WHEN NEW	NOT CALI- BRATED
		(√)		(√)	(√)	(√)	(√)	(√)	(√)
								·	
						,			
			N/A						
NOAA FORM 24-13	<u> </u>								

DDF=B: 1:05 DATA DOCUMENTATION FORM

FORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON,: DC 20235

EXPIRES 1-81

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A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABOR.	ATORY, OF	R ACTIVITY WIT	H WHICH SUBM	ITTED DATA A	RE ASSOCIATED
Ken Pitchen, DON Calk	145				
Alaska Dept. of Fish a	and 6	e m C			
333 Ruspherry Rid.					
ANCHORAGE Alas / 4 9	501				
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED	WHICH		BER(S) USED I	BY ORIGINATO	R TO IDENTIFY
			· · · · · · · · · · · · · · · · ·		
OCSEAP					
RU 229	V	File	ID	w 76 /	(0p -
4. PLATFORM NAME(S) 5. PLATFORM TYPE (E.G., SHIP, BUO		6. PLATFORM A NATIONALIT		7. DA	TES
ν	,	PLATFORM		FROM: MO,DAY,Y	HTO: MO/DAY/YR
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	40° 134	127 124	119		7100 115 40"
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a Pitcher, DONE CALKING	400	0:6: 57	415 8 8	444 1/9	439 457 457 40
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333 Rusphenry Rd	541	536 531	526 352	1 516,551	547
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		B. SCIENT	UNIENI			
NAME OF DATA FIELD REPORTING UNITS OR CODE		METHODS OF OBSERVATION INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCES TECHNIQUES WITH FILTERING AND AVERAGING		
		See attached CONCERNING B.	Xenox copy Scientific			
·			content			
1						
	•					
	, i					

C. DATA FORMAT

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

	S CONTAINED IN THE TRANSMITT ENTIFYING EACH RECORD TYPE	
Recon	1 +ypes # 1,2,	3, 4,5,6,7+8 are
		submitted
2. GIVE BRIEF DESCRI	PTION OF FILE ORGANIZATION	
·	•	
The	Pile 13 seque	N ced Kod-25-76 + hnough Kod-77-76
IN Co	ontinious as	cending order
3. ATTRIBUTES AS EXF	PRESSED IN PL-1 FORTRAN	ALGOL COBOL LANGUAGE
4. RESPONSIBLE COMP NAME AND ADDRESS	UTER SPECIALIST: PHONE NUMBER MIKE 707 A Street C	Crane 907-279-4523 AEIDC) Anchoninge, AK. 99501
COMPLETE THIS	SECTION IF DATA ARE ON MAGN	ETIC TAPE
5. RECORDING MODE	BCD BINARY	9. LENGTH OF INTER- RECORD GAP (IF KNOWN) 3/4 INCH
	ASCII SEBEDIE	10. END OF FILE MARK
6. NUMBER OF TRACK (CHANNELS)	S	
	MINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
		_
7. PARITY	ODD Even	229 025 W76KOD RESOLUTION 76-11-04 76-11-10 PITCHER
8. DENSITY		9 TRK, 800BPI, ODD, EBCDIC
	556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES
	X 800 BPI	13. LENGTH OF BYTES IN BITS
NOAA FORM 24-13	<u></u>	
H = H H L = H H H A T T T D		

RECORD FORMAT DESCRIPTION

RECORD NAME 15. POSITION 16. LENGTH FROM - 1 MEASURED 14 ELD NAME 17. ATTRIBUTES | 18. USE AND MEANING NUMBER UNITS (e.g., bits, bytes) OCEASP ForMat

025 (mammal)

(specimen)

NOAA FORM 24-13

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("V") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

, INSTRUMENT TYPE (MFR., MODEL NO.)		INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRU- MENT IS
	DATE OF LAST CALIBRATION	YOUR ORGANIZATION (√)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS	BEFORE OR AFTER USE (√)	BEFORE AND AFTER USE (√)	ONLY AFTER REPAIR (√)	(√) WHEN WEW	NOT CALI- BRATED
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DATA DOCUMENTATION FORM

ORM 24-13

NOAA FORM 24-13

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235

FORM APPROVED O.M.B. No. 41-R2651 EXPIRES 1-81

(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS					
1. NAME AND ADDRESS OF INSTITUTION, LABOR		R ACTIVITY WIT	H WHICH SUBM	IITTED DATA	ARE ASSOCIATED
Ken Pitchen, Don Calk	145	•			
Alaska Dept. of Fish o	and 6	omc			
333 Ruspherry Rd.	,				
ANChonage, Alas Ka 97 2. EXPEDITION, PROJECT, OR PROGRAM DURING	501				
2. EXPEDITION, PROJECT, OR PROGRAM DURING DATA WERE COLLECTED	WHICH		MBER(S) USED I IS SHIPMENT	BY ORIGINAT	OR TO IDENTIFY
CSEAP					
RU 229	V	File	ID	0 76	KOP -
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Mino Tyes	CONT		SUBMISSION W	ERE COLLEC	JIED.
IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH	►		GENERAL AF	REA	
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· ·	305				511 500

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
		See attached Concenning B.	xenox copy scientific content	
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	S CONTAINED IN THE TRANSMITTA	AL OF YOUR FILE
Recon		3, 4,5,6,7+8 ane submitted
2. GIVE BRIEF DESCRI	PTION OF FILE ORGANIZATION	
The IN Co	Pile 15 seques	Need Kod-28-77 through Kod-49-77 ending order
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3. ATTRIBUTES AS EXF	PRESSED IN PL-1 FORTRAN	ALGOL COBOL LANGUAGE
4. RESPONSIBLE COMP NAME AND ADDRESS	uter specialist: phone number Mike 707 A Street C	Crane 907-279-4523 AEIDC) Anchonage, AK. 99501
COMPLETE THIS 5. RECORDING MODE	SECTION IF DATA ARE ON MAGNE	9. LENGTH OF INTER-
	BCD BINARY ASCII SEBCDIC	RECORD GAP (IF KNOWN) 3/4 INCH
	ASCII SEBODIO	10. END OF FILE MARK OCTAL 17
6. NUMBER OF TRACK (CHANNELS)	SEVEN	
	MINE	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
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7. PARITY	ODD EVEN	229 025 076KOD SURVEYOR 76-10-05 76-10-14 PITCHER
8. DENSITY	200 BPI 1600 BPI	9 TRK, 800BPI, ODD, EBCDIC
	556 BPI	12. PHYSICAL BLOCK LENGTH IN BYTES
	X 800 BPI	13. LENGTH OF BYTES IN BITS
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NOAA FORM 24-13		

RECORD FORMAT DESCRIPTION

RECORD NAME

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	IN	NUMBER	UNITS		
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	·				(Specimen)
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NOAA FORM 24-13					

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("\(\sqrt{''}\)") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE		INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED				INSTRU- MENT IS	
(MFR., MODEL NO.)	DATE OF LAST CALIBRATION	YOUR ORGANIZATION			BEFORE OR AFTER USE	BEFORE AND AFTER USE	ONLY AFTER REPAIR	NEA AHEN ONTA	NOT CALI- BRATED
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78-0800 7/23568 -3569

RECORD FORMAT DESCRIPTION 7/21277-8/

RECORD NAME 77-0220 7/269-1256: 7/20533-0546;7/2065-89

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14. FIELD NAME	15. POSITION FROM - 1 MEASURED	16. LEN	GТH	17. /	ATTRIBUTES	18. USE A	ND MEANING	
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D781x5-79-243

UNITED STATES DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration

ENVIRONMENTAL DATA SERVICE

707 A Street Anchorage, Alaska 99501

April 24, 1979

TO: Elaine Collins, OA/D751

⇒VIA: Jim Audet, OA/D781 **9**/0

FROM: Michael L. Crane, OA/D781 WW

SUBJECT: Histopathological Data for RU230 - File Type 025

Francis Fay has supplied mortality/morbidity data for the specimens collected by John Burns (RU230). The data record is number 3 in column 59 and the file type is 025, Marine Mammal specimen data. The attached list notes the required additions to existing records in the data base. The updates have been made to the Anchorage version of the 025 data. Please add these values to your version.

Future shipments of 025 data for the years 1977 and 1978 will include the histopathology for the resubmission. The resubmission of 1977 data is expected before December 1979.

Please advise me of any problems with the material attached to this letter.

MLC:lin

cc: Cava Swope



		Byte 59
	BP-1-76	
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	BP-3-76	
	BP-4-76	
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	NE-9-76		



UNITED STATES DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration ENVIRONMENTAL DATA SERVICE

D781x5-79-235

707 A Street Anchorage, Alaska 99501 April 19, 1979

TO:

Elaine Collins, OA/D751

→VIA:

Jim Audet, OA/D781

FROM:

Michael L. Crane, OA/D781 William

SUBJECT: Histopathological Data for RU229, 243 - File Type 025

Francis Fay has supplied mortality/morbidity data for the specimens collected by Mr. Pitcher (RU279) and Mr. Calkins (RU243). The data record is number 3 in column 59 and the file type is 025, Marine Mammal specimen data. The attached list noted the required additions to existing records in the data base. The updates have been made to the Anchorage version of the 025 data. Please add these values to your version.

Future shipments of 025 data for the years 1977 and 1978 will include the histopathology for the resubmission. The resubmission of 1977 data is expected before June 1979.

Please advise me of any problems with the material attached to this letter.

MLC:Lin

cc: Cava Swope



ICY-1-76 ICY-1A-76 ICY-2-76 ICY-2A-76 ICY-4-76 ICY-4-76 ICY-5-76 ICY-5-76 ICY-6-76 ICY-6-76 ICY-7-76 ICY-7-76 ICY-7-76 ICY-7-76 ICY-7-76 ICY-7-76 ICY-10-76 ICY-11-76 ICY-11-76 ICY-11-76 ICY-11-76 ICY-11-76	RUZZA SZETCY	76/05/25	76/06/03	
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NOAA	FORM	24-5
(8 - 73)		

	U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC	AND ATMOSPHERIC ADMINISTRATION

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

Eloine

REFER TO D781x5-78-202 ATTENTION Mr. Audet					
FIFIED GOVERNMENT BY HAND OTHER TRUCK					

Enclosed are listings of record type 6 inserted in 025 data for RU 229 and RU 243. The 1975 and 1976 data are records which NODC must insert to existing data resubmissions. Please note the data records have been resequenced and as a double check, the numbers should correspond to your resequence values. The 1977 records will be inserted before shipment to NODC.

These records were created to account for the number of stomachs analyzed.

CC. PAVA

RDED BY (Signature) Michael L. Crane	Mue	EDIS Ak. Liaison Officer	DATE FORWARDED
RECEIVED BY (Signature)		TITLE	DATE RECEIVED

841500 SDFL

002577 SDFZ

000077 IZINA

TR 533-546) 1269-1274, 1277-1281, 1283-1284) 3310-3316, (3568, 3569) 4939-4949, 5066-5084, 5095-5099, 5104-5108

23,728

XU1269-1274. OCSEA P

0533-0546

1283-1289

1277 -1281

Ju 3568-3569

NSDCHEK *** NON-STANDARD DATA FIELD CHECKING PROGRAM THIS IS 03/15/78 VERSION WITH NUMERIC RANGE CHECKING

USER'S INPUT REQUESTS FOLLOW:
LRECL HAS BEEN SPECIFIED AS 80
STATION HEADER RECORD SPECIFIED AS 1
RECORD TYPES FLASGED FOR RETRIEVAL ARE = 123456789
STATION STARTS IN PUSITION 11 FOR 10 BYTES
STATION WILL APPEAR ON RECORD TYPES : 123456769
RECORD TYPE WILL BE TAKEN FROM COLUMN 10 OF THE INPUT RECORDS
FILETYPE IS 025

NO OBVIOUS ERRORS FOUND IN TABLE GENERATION PHASE - SUCCESSFUL EXECUTION EXPECTED

025TR05331 GLP-1-76 17109 N15240 W76082020550025

?????? FIRST FILE ID

THE FIELDS BELOW WERE CHECKED AS FOLLOWS (SESIGN/BEBLANK/TETAXONOMIC CODE/NENLMERICS/MEMANDATORY NUMERIC

TYPE	REC	PDS	LENGTH	NAME	RANGE LDW	TESTED HIGH	ACTUA LOWEST	L RANGE FIGHEST	MEAN	S. DEV	CCUNT
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N	ĩ	62	1	ICE CODE TYPE	1	3	No	VALUES FOUND	FOR THIS	PARAMETER	
N	ĩ	63	ï	OCTAS THIN ICE	NE RANGE	CHECKING	No	VALUES FOUND	FOR THIS	PARAMETER	
N	ī	64	ï	DCTAS MOD ICE	MD RANGE		NO	VALUES FOUND	FOR THIS	PARAMETER	
N	ī	65	1	OCTAS HEAVY ICE		CHECKING	NO	VALUES FOUND	FOR THIS	PARAMETER	
N	ī	66	1	ICE CHARACTERISTICS		CHECKING		VALUES FOUND			
N	ĩ	67	i	ICE CHARACTERISTICS	NL RANGE	CHECKING	NO	VALUES FOUND	FOR THIS	PARAMETER	
N	ï	68	ī	DEFORM ICE CODE	1	4		VALUES FOUND			
N	ĩ	69	1	TRANS WIDTH CODE	ī	6	Ŋロ	VALUES FOUND	FOR THIS	PARAMETER	
N	1	70	1	ICE CODE TYPE	1	3		VALUES FOUND			
N	1	71	1	DCTAS THIN ICE	NU RANGE	CHECKING		VALUES FOUND			
N	ĩ	72	1	CHAR, THIN ICE	ME RANGE			VALUES FOUND			
N	ī	73	1	OCTAS MOD ICE	NE RANGE	CHECKING		VALUES FOUND			
N.],	74	1	CHAR, MOD ICE	ME RANGE	CHECKING		VALUES FOUND			
N	1	75	1	OCTAS HEAVY ICE	MC RANGE	CHECKING		VALUES FOUND			
٧	1	76	1	CHAR, HEAVY ICE	MO RANGE	CHECKING		VALUES FOUND			
N	1	77	1	DEFORM ICE CODE	1	4		VALUES FOUND			
N	1	78	1	TRANS WIDTH CUDE	1	6	NO	VALUES FOUND	FOR THIS	PARAMETER	
8	1	79	2								C
N	2	21	5	SEQUENCE NUMBER	MD RANGE	CHECKING	2	2	2,00	O C	1
T	2	26	12								1
N	2	38	1	SEX CODE	Q	3	1	1	1.00	0 Ç	1
C	2	39	1	PUP PRESENT	M	Y					

c	2	40	1	L'ACTATING	М		Y							
Č	2	41 42	1	MAMMAL SANK GROUP SIZE	M	PAMOR	Y	Nn	VALUES	FOUND	FAR	THIS	PARAMETE	R
N N	2	46	ì	COLLECTION METHOD	1	NAMOL	3		VALUES	FOUND	FOR	THIS	PARAMETE	
N	2	47	6	BLUBBER & HIDE WT(CM			CHECKING	20000	2000			00.00		pc 1
N.	2 2	53 57	4 4	CURVILIN LEM(CM/10) AXILLARY GIRTH(CM/10			CHECKING CHECKING	1211 931	121	1 1 3 1		11.00		0C 1 0C 1
N N	2	61	4	MAX GIRTH(CM/10)			CHECKING	933		33		33,00		oc i
N	2	65	3	FRNT FLIP LEN(CM/10)	h[]	RANGE	CHECKING	232		32		32,00		oc 1
Ŋ	2	68	3				CHECKING	144 268		44 58		44.00 68.00		00 1
N N	2 2	71 74	3 3	HIND FLIP WID(CM/10) HIND FLIP WID(CM/10)			CHECKING	339		3 9		39.00		
В	2	77	4	The state of the s	1197		O Bell 3 is a							·Q
N	3	21	5	SEQUENCE NUMBER			CHECKING	4	2.5	4	2	4.00		OC 1
Ŋ	3 3	26 29	3 4	NAVEL-ANUS LEN(CM/10 PENIS-ANUS LEN(CM/10			CHECKING	378 213		78 13		78.00 13.00		0C 1 0C 1
N N	3	33	3	TAIL LENGTH (CM/10)			CHECKING	100		00		00.00		oč i
N	3	36	3	BLUB, STERNUM (CM/10)	MG	RANGE	CHECKING	31		31		31.00		oc 1
Ŋ	3	39	3	BLUB, CHEST (CN/10)			CHECKING						PARAMETE!	
, N	<i>3</i>	42 46	3 1	NECK CIRCUM(CM/10) STOM COND EMPTY	M MP	KANDE	CHECKING	NU	VALOES	IUGNE	i uk	11143	т.дедовть	•
Ň	3	47	7	GROSS WEIGHT (GM)		RANGE	CHECKING	40900	4090			00,00		pC 1
N	3	54	4	STAND LEN(CM/10)	NU	RANGE	CHECKING	1130	113	30	11:	30.00	,	00 1
B N	3	60 21	21 5	SEQUENCE NUMBER	МΩ	RANGE	CHECKING	8		8		8,00	. (oc 1
N	4	26	2	AGE			CHECKING	NO		FOUND		THIS	PARAMETE	R
N	4	28	1,	AGE CODE	1		3						PARAMETE	
Ŋ	4	29	1	AGE DETERM TECH	1		4	NU	AALAF2	FOUND	Fuk	1412	PARAMETE	r C
B N	4	30 31	3	BACULUM LENGTH(MM)	MO	RANGE	CHECKING	118	13	18	1	18.00		oc i
N.	4	34	5	BACULUM WEIGHT (GM)	NQ	RANGE	CHECKING	140	1,4	40	1	40.00		oc 1
N	4	39	5	TESTES WHT W/ EPI(GM			CHECKING	248		48		48,00		00 1 00 1
N	4	44 49	5 5	TESTES WT W/O EP(GM) TESTES VOLUME(CC/10)			CHECKING	172 160		72 50		72.00 60.00		
N	4	54	3	TESTIS #1 LENGTH(MM)			CHECKING	39	•	39	4	39,00	-	00 1
N	4	57	3	TESTIS #1 WIDTH(MM)	. —		CHECKING	22		22		22.00		00 1
N	4	60 63	3 3	TESTIS #2 LENGTH(MM) TESTIS #2 WIDTH(MM)			CHECKING	38 22		38 22		38.QO 22.QO		00 1
N N	4 4.	66	1	SPERM PRESENT	1	IVALIO P	3	2	•	2		2,00	(cc i
N	4	67	1	METHOD	1		2	1		1		1,00	1	CC 1
В	4	68	13 5	SEQUENCE NUMBER	MEL	BANCE	CHECKING	Nn	VALUES	EULND	FNR	THIS	PARAMETE	Q R
N N	5 5	21 26	2	AGE			CHECKING				•		PARAMETE	
N	5	28	į	AGE CODE	1		3						PARAMETE	
N	5	29	1	AGE DET TECH	ļ		4	ИО	VALUES	FOUND	FOR	THIS	PARAMETE	R
B N	5 5	30 31	1	REPRO STATUS CODE	ND	RANGE	CHECKING	Nn	VALUES	FOUND	FOR	THIS	PARAMETE	R
Ň	5	32	î	REPRO COND CODE			CHECKING	NO	VALUES	FOUND	FOR	THIS	PARAMETE	R
N	5	33	1	NUMBER OF FETUSES			CHECKING						PARAMETE	
Ŋ	5 5	34 38	4 1	UVARY WT COMP(GM/10) # OF CORPORA LUTEA			CHECKING						PARAMETE PARAMETE	
7	5	39	2	DIAM OF LRGST CL(MM)			CHECKING						PARAMETE	
N	5	41	l	# CORPORA ALBICANTIA	ND	RANGE	CHECKING						PARAMETE	
Ŋ	5	42	2	DIA, LARGE CA(MM)			CHECKING						PARAMETE PARAMETE	
N	5 5	44 45	1 2	# FOLLICLES>5MM DIAM DIAM LRGST FOLL(MM)			CHECKING CHECKING						PARAMETE	
N	5	47	1	# OF UTERINE SCARS			CHECKING						PARAMETE	
В	5	48	33	-				<u>.</u>		_		0 66		C
N	6	21	5 6	SEQUENCE NUMBER WT FULL STOM(GM/10)			CHECKING	9 Nn	VALUES	FULIND	FAR	9.00 THIS	PARAMETE	CC 1
N	6	26	U	at the pied(on/In)	12F1	NAMAE	ALPRIVING.	IAO	* C F W > Q	1 1/5/110	. 3.,		· = + + + + + + + + + + + + + + + + + +	• •

N	6	32 37	5 6	WT EMPTY STUM(GM/10) WT FOODCONTENT(GM/10	ND RANGE	CHECKING CHECKING	NO NO	VALUES FOUND VALUES FOUND	FOR THIS	PARAMETER PARAMETER	
N	4	43	6	TOT VOLCONTENT(CC/19		CHECKING	810	810	810.00	OC	. 1
٠,٧	6	49	1	STOMACH CODE	E DUIDE	T	0.69	9.0			_
0	5	50	31	S Lawrence Base F	\$ts	•					:C
N	7	21	5	SEQUENCE NUMBER	NO RANGE	CHECKING	32	19	15,57	2,45	٠,
Ť	7	26	12	OF TARRET	111111111111111111111111111111111111111	Q () C a () a () a	· •	7.	• • • •		7
N	7	41	4	# ITEMS IDENTIFIED	NC RANGE	CHECKING	2	2000	302.85	693.62	· 7
Ñ	7	45	6	VOL ITEMS ID(CM/10).		CHECKING	5	636	115.71	213.94	'7
N	Ż	51	6	WT ITEMS ID(GM/10)		CHECKING	NO	VALUES FOUND			
V	7	57	4	MEAN LEN ITEMS ID (MM	·	CHECKING		VALUES FOUND			
ÿ	7	61	4	MAX LEN ITEMS ID (MM)		CHECKING	NO	VALUES FOUND	FOR THIS	PARAMETER	
N	7	65	4	MIN LEN ITEMS ID (MM)		CHECKING		VALUES FOUND			
N	7	69	i	DIGESTIVE ORG CODE		CHECKING	NO	VALUES FOUND	FOR THIS	PARAMETER	
B	7	70	11				• •				·Ç
Ň	ė.	21	5	SEQUENCE NUMBER	NU RANGE	CHECKING	3	20	9.62	5.29	8
N	9	21	5	SEQUENCE NUMBER		CHECKING	21	21	21.00	OC	1
,	9	26	2	AGE (WHOLF UNITS)		CHECKING	15	15	15.00	OC.	1

RECORDS READ !

21