

ACCESSION
NUMBER

8300121

DATA DOCUMENTATION FORM

83NODC 399

NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

TT0989 - TT1005

(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

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531			
R.U. #. 232			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA/OCSEAP		255821 315822 036822 265821 016821 046821 295821 016522 305821 036821 315821	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
Ball 204	Helicopter	U.S.A.	U.S.A.
		FROM: MO, DAY, YR	TO: MO, DAY, YR
		5/25/82	6/4/82
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Kathryn J. Frost 907-452-1531			

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
Track width	km to hundredths	Determined through use of inclinometer, angles calculated for various survey altitudes		
Latitude, longitude	DDMMSS N or S DDMMSS E or W	Begin and end points of survey legs known. Sighting position calculated in 1 of 3 ways: 1) GNS 500 direct position readout 2) extrapolation of position by 1-min. intervals along distance traveled 3) location relative to geographic landmark		
Ice characteristics		Direct visual classification		
# individuals (adults or pups)		Direct visual count		

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

7 distinct record types: Cruise Header Record (A); Transect Record (B); Environmental Record (C); Location Record (D); Summary Sighting Record (E); Detail Sighting Record (F); Text Record (T) differentiated by byte 10.

File sorted by station number, sighting number, and sequence number to obtain proper sequence.

File Type 127 02/25/80 version.

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

NAME AND PHONE NUMBER Jesse Venable (907) 452-1531
ADDRESS Alaska Dept. Fish & Game, 1300 College Rd., Fairbanks AK 99701

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

RECORD FORMAT DESCRIPTION

RECORD NAME Cruise Header Record - used once per File ID

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., kba, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always 'A'
Cruise ID	22	6	bytes	A6	Same as file ID
Start date	28	6	bytes	I6	YYMMDD
End date	34	6	bytes	I6	YYMMDD
Investigator	40	15	bytes	A15	
Agency	55	15	bytes	A15	
Platform ID	70	3	bytes	I3	Code 0063 (ships) or code 0217 (aircraft)
Platform type	73	1	bytes	I1	Code 0100

RECORD FORMAT DESCRIPTION

RECORD NAME Transit Record

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always B
Station number	11	5	bytes	A5	
Begin latitude	16	7	bytes	A7	DDMMSS plus "N" or "S"
Begin longitude	23	8	bytes	A8	DDMMSS plus "E" or "W"
End latitude	31	7	bytes	A7	DDMMSS plus "N" or "S"
End longitude	38	8	bytes	A8	DDMMSS plus "E" or "W"
Begin date	46	6	bytes	I6	YYMMDD
Begin time	52	4	bytes	I4	XXXX (HRS and MIN 24 hr clock)
End time	56	4	bytes	I4	XXXX (HRS and MIN 24 hr clock)
Track width	60	4	bytes	I4	km to hundredths
Platform direction	64	3	bytes	I3	XXX (whole digress toward)
Platform speed	67	3	bytes	I3	whole knots
Platform altitude	70	4	bytes	I4	XXXX (whole meters)
Leg made good	74	1	bytes	A1	Always "Y" (code 0117)
Completeness	75	1	bytes	I1	Always "a" (code 0002)
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Environmental Record - 1 for each sighting as feasible

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., Mts, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "C"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	Unique number w/i each leg
Wind direction	30	3	bytes	I3	XXX whole degrees from
Wind speed	33	2	bytes	I2	XX (whole knots)
Cloud amount	36	1	bytes	I1	Code 0105
Air temperature	39	4	bytes	I4	degrees C to tenths
Sea surface temp.	43	4	bytes	I4	degrees C to hundredths
Sea state	47	1	bytes	I1	Code 0052
Surface visibility	50	1	bytes	I1	Code 0006
Ice type	54	1	bytes	I1	Code 0064
Octas thin ice	55	1	bytes	I1	Code 0065
Char. thin ice	56	1	bytes	I1	Code 0066
Octas mod. ice	57	1	bytes	I1	Code 0065
Char. mod. ice	58	1	bytes	I1	Code 0066
Octas heavy ice	59	1	bytes	I1	Code 0065
Char. heavy ice	60	1	bytes	I1	Code 0066
Deformation	61	1	bytes	I1	Code 0067
Transect width (ice)	62	1	bytes	I1	Code 0068
Platform activity	63	2	bytes	I2	Code 0005, always "01"
Human activity	65	2	bytes	A2	Code 0354
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Location Record - 1 per sighting

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "D"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	agrees w/RTC
Latitude	21	7	bytes	A7	DDMMSS plus "N" or "S"
Longitude	28	8	bytes	A8	DDMMSS plus "E" or "W"
Date	36	6	bytes	I6	YYMMDD
Time	42	4	bytes	I4	XXXX (HRS and MIN 24 hr clock)
Animal sighted code	46	1	bytes	A1	Code 0117, always "Y"
Platform altitude	65	4	bytes	I4	Whole meters, agrees w/RTB
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Summary Sighting Record - 1 for each species sighted

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., kts, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "E"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	Agrees w/RTC, D
Taxonomic code	21	12	bytes	I12	NODC taxonomic codes
ID reliability	33	1	bytes	A1	Code 0141
Total number	34	5	bytes	I5	
Confidence	39	1	bytes	I1	Code 0003
Collection method	40	1	bytes	I1	Code 0001 (always "1")
# adults	41	5	bytes	I5	XXXXX
# pups (requiring nursing)	50	4	bytes	I4	XXXX
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Detail Sighting Record - at least 1 for each species sighted

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "F"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	
Taxonomic code	21	12	bytes	I12	NODC taxonomic code
ID reliability	33	1	bytes	A1	Code 0141
# individuals	34	5	bytes	I5	
Confidence	39	1	bytes	I1	Code 0003
Collection method	40	1	bytes	I1	Code 0001
Predominant behavior	41	2	bytes	I2	Code 0139
# groups	47	2	bytes	I2	XX
Modal group size	49	1	bytes	A1	Code 0356
# adults	50	5	bytes	I5	
# pups	59	4	bytes	I4	
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Text Record - comments

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "T"
Station #	11	5	bytes	A5	
Sighting #	16	5	bytes	I5	
Comment	21	56	bytes	A56	
Sequence #	77	4	bytes	I4	

DATE:

TT 0989-771005

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8300121

- 1) File Type: 127
- 2) Project Ident.: 005EAP
- 3) Track Nos.: TT0989-771005

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

① changed File IDs to TT0989-771005

III. Processor Name:

Cliff Hartley

110489-111005

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
INITIATOR TAPE	8/31/83	H	CRANZI	1	3200	80	4601
QUADI/SCAN TAPE							
ASSIGNED FOR PROCESS.	9/2/83	H	022069	1	3200	80	4601
OF EVALUATION TAPE TO DATA QUALITY REVIEW	01/05/83	CMT					4601
PRELIMINARY DATA-SORT							
PRELIMINARY MULCHEK	01/05/83	CMT					4601
FIRST USER TAPE							
WORK DISK FILE	01/05/83	CMT					4601
FINAL USER TAPE							
FINAL MULCHEK	01/11/83	CMT					4601
EDITED DISK FILE	01/11/83	CMT					4601
DATA SET "FINALIZED"							

DNODC*VMPD75, TT0989/F127

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	3 DISKETTES CRAN21	NL	80	3200	FB	
Duplicate	022069	SL	80	3200	FB	DSN DNOD*83NORC 39
Reformatted	:					
First User						
Final Disk Data Set	DNVDC*MPD75.TT0989/F/127					# records 4601

83 NADC 399

DATE:

TO:

6.3.19

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession 18300121

- 1) File Type: 127
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: TT0989 - TT1005

I. Error Corrections as reported to Principal Investigator:

ErrorCorrection Completed (Check)

II. Additional error corrections:

ErrorCorrection Completed (Check)

III. Processor Name: _____

ACCESSION/TRACK # 8300121

TT0989-TT1005

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	8/31/83	4	CRANZI	1	3200	80	4601
QUADI/SCAN TAPE							
ASSIGNED FOR PROCESS.	9/28/83	4	022069	1	3200	80	4601
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK							
FIRST USER TAPE							
WORK DISK FILE							
FINAL USER TAPE							
FINAL MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"							

83 NODC 399

TAPE ASSIGNMENT SHEET

ACCESSION NO.: 8300121

TRACK NO(s): TT0989 - TT1005

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	3 DISKETTES CRAN21	NL	80	3200	FB	
Duplicate	022069	SL	80	3200	FB	DSN DNOD 83NODC 399
Reformatted						
First User						
Final User						

University of Alaska
Arctic Environmental Information and Data Center

TRANSMITTAL AND RECEIPT RECORD
(Please sign and return carbon copy acknowledging receipt)

TO: National Oceanographic Data Center
Page Building #1
2001 Wisconsin N.W.
Washington, D.C. 20235

REFER TO: E/OC13x5-83-70
ATTENTION: Mr. Sid Halminski

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

☐ Ordinary Mail ☐ Registered Mail ☐ Air Mail ☒ Certified Mail ☐ Government Truck ☐ By Hand ☐ Other

Enclosed is the finalized version of the Burns RU230, FT127 data. Seventeen data sets are present: 255821, 265821, 305821, 315821, 315822, 016821, 016822, 036821, 036822, 046821, 179821, 199821, 209821, 209822, 219821, 219822, and 295821.

The following items may appear as "flagged" parameters on your processing runs:

1. In some instances the Station Number is represented as "0000A." These are text records which pertain to all stations within that file I.D.
2. In some instances the latitude field is under the NODC-recommended range. These have been verified by the investigator.
3. In some instances the platform speed are over the NODC-recommended range. These have been verified by the investigator.

Included are the DDF's, DINDB forms, the final listings, and the diskette containing the data.

cc: S. Swanner

FORWARDED BY (Signature) Marilyn Allen TITLE Project Manager

DATE FORWARDED 6/2/83

RECEIVED BY (Signature) Sid Halminski TITLE

DATE RECEIVED 6/30/83

ADP FACILITIES REQUEST FORM

NAME HALMINSKI	PHONE # 634-7441	ORG/TASK # OCSEAP	DATE SUBMITTED 9/7/83	DATE DUE	BIN # 33
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MOUNT TO BE USED AND FUNCTION TO BE PERFORMED

FTP 127 SL COPY - RUN SCAN AND LOOK ON OUTPUT - ALSO PRINT 300 RECORDS

initialized tape, 1 scan, 15 k copy, 1 look, 1 print

INPUT MEDIUM TAPE <input checked="" type="checkbox"/> TAPE PAPER CARD DISK <input type="checkbox"/> SKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK <input type="checkbox"/> TAPE <input checked="" type="checkbox"/> DISKETTE OTHER(SPECIFY)
---	--

E/DISKETTE INFORMATION

TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
CRAN21		9	1600	ODD	NL	FB	80	3200	1
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD LENGTH	RECORD SIZE	MAX. BLOCK SIZE	# OF FILES
022069		9	1600	ODD	SL	FB	80	3200	1
SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME DNOD*83 NOpc 399			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED
EXECUTION
TIME

USE ONLY

DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
9/7/83	11:46	11:56	C	MT1-MT2 - 2 mounts

Completed by E. G. Mason

FTP 127. RUN SCAN AND LOOK

INPUT MEDIUM PAPER CARD DISK TAPE DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)
--	---

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	11644. CRAN21		9	1600	ODD	NL	FB	80	3200	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
OUTPUT	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD LENGTH	RECORD SIZE	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS	ESTIMATED EXECUTION TIME
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D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
83090111	9/6/83	10:07		C	MT-1 - 1 mount

COMMENTS

Completed by E. G. Mason

ADP FACILITIES REQUEST FORM

USER NAME HALMINSKI	PHONE # 634-7441	ORG/TASK # OCSEAP	DATE SUBMITTED 6/30/83	DATE DUE	BIR # 33
-------------------------------	----------------------------	-----------------------------	----------------------------------	----------	--------------------

MACHINE JOB IS TO BE DONE ON AND DESCRIBE THE FUNCTIONS TO BE DONE
FTP 127. CONVERT DATA ON 3 DISKETTES TO OUTPUT TAPE

INPUT MEDIUM PAPER CARD (DISK) OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT (TAPE) OTHER(SPECIFY)
--	--

TAPE INFORMATION

	TAPE #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	BLOCK SIZE
INPUT	3 DISKETTES							
	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME R4-230			PURGE DATE
OUTPUT	CRANR1	9	1600	ODD	NL	FB	80	3200
	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS	ESTIMATED EXECUTION TIME
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D731 USE ONLY

JOB #	DATE JOB DONE	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED
83070801	7/13/83			C	

COMMENTS

Handwritten signature/initials

83070801

DATE June 30, 1983

DISKETTE/TAPE CONVERSION

INSTRUCTIONS: Convert 3 diskettes to tape. Make one output file on the tape. Make sure the diskettes are put on in sequence. Copy only data sets specified. Data is File Type 127.

DISKETTE INFORMATION

DISKETTE DISTINCTION	DATA SET NAME	RECORD LENGTH	NUMBER OF RECORDS	COMMENTS
1 of 3	RU230	80		
2 of 3	RU230	80		
3 of 3	RU230	80		

TAPE INFORMATION

TAPE NUMBER	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	BLOCK SIZE	CODE	NUMBER OF FILES
CRAN21	9	1600	odd	NL	FB	80	3200	ASCII	1
DATA SET NAME								PURGE DATE	

If any problems arise, please call Debbie Knoll at 634-4862.

Return completed work to: National Oceanographic Data Center
 Page Bldg. Room 417
 2001 Wisconsin Ave. N.W.
 Washington, D.C. 20235

ADP FACILITIES REQUEST FORM

USER NAME HALMIŃSKI	PHONE # 634-7441	ORG/TASK # OCSEAP	DATE SUBMITTED 7/14/83	DATE DUE	BIN # 33
-------------------------------	----------------------------	-----------------------------	----------------------------------	----------	--------------------

MACHINE JOB IS TO BE DONE ON AND DESCRIBE THE FUNCTIONS TO BE DONE
FTP 127 — RUN SCAN, LOOK AND PRINT 200 RECORDS

INPUT MEDIUM PAPER CARD DISK TAPE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE OTHER(SPECIFY)
---	---

TAPE INFORMATION :

	TAPE #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	BLOCK SIZE
INPUT	CRAN21	9	1600	ODD	NC	FB	80	3200
	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
OUTPUT								
	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS	ESTIMATED EXECUTION TIME
----------------------	--------------------------

D731 USE ONLY

JOB #	DATE JOB DONE	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED
3071403	7/15/83	11:30	10:37	C	MTI - 1 mount

COMMENTS

Completed by G. G. [signature]

ACCESSION
NUMBER

8300121

DATA DOCUMENTATION FORM

83NODC 399

NOAA FORM 24-13
(4-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20238

FORM APPROVED
O.M.B. No. 41-R2651
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TT 0989 - TT 1005

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John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531			
R.U. #. 232			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA/OCSEAP		255821 315822 036822 265821 016821 046821 295821 016822 305821 036821 315821	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
Bell 204	Helicopter	U.S.A.	U.S.A.
		FROM: MO/DAY/YR	TO: MO/DAY/YR
		5/25/82	6/4/82
8. ARE DATA PROPRIETARY?		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		GENERAL AREA 	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?)			
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Kathryn J. Frost 907-452-1531			

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
Track width	km to hundredths	Determined through use of inclinometer; angles calculated for various survey altitudes		
Latitude, longitude	DDMMSS N or S DDMMSS E or W	Begin and end points of survey legs known. Sighting position calculated in 1 of 3 ways: 1) GNS 500 direct position readout 2) extrapolation of position by 1-min. intervals along distance traveled 3) location relative to geographic landmark		
Ice characteristics		Direct visual classification		
# individuals (adults or pups)		Direct visual count		

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

7 distinct record types: Cruise Header Record (A); Transect Record (B); Environmental Record (C); Location Record (D); Summary Sighting Record (E); Detail Sighting Record (F); Text Record (T) differentiated by byte 10.

File sorted by station number, sighting number, and sequence number to obtain proper sequence.

File Type 127 02/25/80 version.

☐ PL-1 ☐ ALGOL ☐ COBOL
☒ FORTRAN ☐ LANGUAGE

NAME AND PHONE NUMBER Jesse Venable (907) 452-1531
ADDRESS Alaska Dept. Fish & Game, 1300 College Rd., Fairbanks AK 99701

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

RECORD FORMAT DESCRIPTION

RECORD NAME Cruise Header Record - used once per File ID

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always 'A'
Cruise ID	22	6	bytes	A6	Same as file ID
Start date	28	6	bytes	I6	YYMMDD
End date	34	6	bytes	I6	YYMMDD
Investigator	40	15	bytes	A15	
Agency	55	15	bytes	A15	
Platform ID	70	3	bytes	I3	Code 0063 (ships) or code 0217 (aircraft)
Platform type	73	1	bytes	I1	Code 0100

RECORD FORMAT DESCRIPTION

RECORD NAME Transit Record

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., Mm, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always B
Station number	11	5	bytes	A5	
Begin latitude	16	7	bytes	A7	DDMMSS plus "N" or "S"
Begin longitude	23	8	bytes	A8	DDMMSS plus "E" or "W"
End latitude	31	7	bytes	A7	DDMMSS plus "N" or "S"
End longitude	38	8	bytes	A8	DDMMSS plus "E" or "W"
Begin date	46	6	bytes	I6	YYMMDD
Begin time	52	4	bytes	I4	XXXX (HRS and MIN 24 hr clock)
End time	56	4	bytes	I4	XXXX (HRS and MIN 24 hr clock)
Track width	60	4	bytes	I4	km to hundredths
Platform direction	64	3	bytes	I3	XXX (whole digress toward)
Platform speed	67	3	bytes	I3	whole knots
Platform altitude	70	4	bytes	I4	XXXX (whole meters)
Leg made good	74	1	bytes	A1	Always "y" (code 0117)
Completeness	75	1	bytes	I1	Always "a" (code 0002)
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Environmental Record - 1 for each sighting as feasible

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., Mls, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "C"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	Unique number w/i each leg
Wind direction	30	3	bytes	I3	XXX whole degrees from
Wind speed	33	2	bytes	I2	XX (whole knots)
Cloud amount	36	1	bytes	I1	Code 0105
Air temperature	39	4	bytes	I4	degrees C to tenths
Sea surface temp.	43	4	bytes	I4	degrees C to hundredths
Sea state	47	1	bytes	I1	Code 0052
Surface visibility	50	1	bytes	I1	Code 0006
Ice type	54	1	bytes	I1	Code 0064
Octas thin ice	55	1	bytes	I1	Code 0065
Char. thin ice	56	1	bytes	I1	Code 0066
Octas mod. ice	57	1	bytes	I1	Code 0065
Char. mod. ice	58	1	bytes	I1	Code 0066
Octas heavy ice	59	1	bytes	I1	Code 0065
Char. heavy ice	60	1	bytes	I1	Code 0066
Deformation	61	1	bytes	I1	Code 0067
Transect width (ice)	62	1	bytes	I1	Code 0068
Platform activity	63	2	bytes	I2	Code 0005, always "01"
Human activity	65	2	bytes	A2	Code 0354
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Location Record - 1 per sighting

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., Mts, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "D"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	agrees w/RTC
Latitude	21	7	bytes	A7	DDMMSS plus "N" or "S"
Longitude	28	8	bytes	A8	DDMMSS plus "E" or "W"
Date	36	6	bytes	I6	YYMMDD
Time	42	4	bytes	I4	XXXX (HRS and MIN 24 hr clock)
Animal sighted code	46	1	bytes	A1	Code 0117, always "Y"
Platform altitude	65	4	bytes	I4	Whole meters, agrees w/RTB
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Summary Sighting Record - 1 for each species sighted

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., km, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "E"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	Agrees w/RTC, D
Taxonomic code	21	12	bytes	I12	NODC taxonomic codes
ID reliability	33	1	bytes	A1	Code 0141
Total number	34	5	bytes	I5	
Confidence	39	1	bytes	I1	Code 0003
Collection method	40	1	bytes	I1	Code 0001 (always "1")
# adults	41	5	bytes	I5	XXXXX
# pups (requiring nursing)	50	4	bytes	I4	XXXX
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Detail Sighting Record - at least 1 for each species sighted

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., hls, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "P"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	
Taxonomic code	21	12	bytes	I12	NODC taxonomic code
ID reliability	33	1	bytes	A1	Code 0141
# individuals	34	5	bytes	I5	
Confidence	39	1	bytes	I1	Code 0003
Collection method	40	1	bytes	I1	Code 0001
Predominant behavior	41	2	bytes	I2	Code 0139
# groups	47	2	bytes	I2	XX
Modal group size	49	1	bytes	A1	Code 0356
# adults	50	5	bytes	I5	
# pups	59	4	bytes	I4	
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Text Record - comments

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "T"
Station #	11	5	bytes	A5	
Sighting #	16	5	bytes	I5	
Comment	21	56	bytes	A56	
Sequence #	77	4	bytes	I4	

DATE:

TT0989-TT1005

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8300121

1) File Type: 127

2) Project Ident.: OCSEAP

3) Track Nos.: TT0989-TT1005

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

① changed File ID# to TT0989-TT1005

III. Processor Name:

Cliff Hartley

TTD989-TT1005

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	8/31/83	H	CRANZ1	1	3200	80	4601
QUADI/SCAN TAPE							
ASSIGNED FOR PROCESS.	9/12/83	H	022069	1	3200	80	4601
DDF EVALUATION Tape to disk							
QUALITY REVIEW	01/05/83	CMH					4601
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	01/05/83	CMH					4601
FIRST USER TAPE							
WORK DISK FILE	01/05/83	CMH					4601
FINAL USER TAPE							
FINAL MULCHEK	01/11/83	CMH					4601
EDITED DISK FILE	01/11/83	CMH					4601
DATA SET "FINALIZED"							

DNODC*MPD75.TT0989/F127

ACCESSION NO.: 2500-121

TRACK NO(s): TT 0989-TT 1005

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	3 DISKETTES CRANZI	NL	80	3200	FB	
Duplicate	022069	SL	80	3200	FB	DSN DNOD*83NOBC 35
Reformatted						
First User						
Final Disk Data Set	DNADC*MPD75.TT0989/F/127					# records 4601

ERROR CORRECTION DOCUMENTATION FORM

83 NADC 399

DATE:

TO:

B. 3. 19

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession 18300121

1) File Type: 127

2) Project Ident.: OCSEAP

3) Track Nos.: TT0989 - TT1005

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: _____

ACCESSION/TRACK # 8300121TT0989-TT1005

<u>Step</u>	<u>Completion Date/Init.</u>		<u>Tape # or DSN</u>	<u># of Files</u>	<u>BLKSIZE</u>	<u>LRECL</u>	<u># RECORDS</u>
ORIGINATOR TAPE	8/31/83	4	CRANZI	1	3200	80	4601
QUADI/SCAN TAPE							
ASSIGNED FOR PROCESS.	9/10/83	4	022069	1	3200	80	4601
DDF EVALUATION							
QUALITY REVIEW							
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK							
FIRST USER TAPE							
WORK DISK FILE							
FINAL USER TAPE							
FINAL MULCHEK							
EDITED DISK FILE							
DATA SET "FINALIZED"							

83 NODC 399

TAPE ASSIGNMENT SHEET

ACCESSION NO.: 8300121

TRACK NO(s): TT0989 - TT1005

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	3 DISKETTES CRAN21	NL	80	3200	FB	
Duplicate	022069	SL	80	3200	FB	DSN DNOD 83NODC 399
Reformatted						
First User						
Final User						

University of Alaska
Arctic Environmental Information and Data Center

TRANSMITTAL AND RECEIPT RECORD
(Please sign and return carbon copy acknowledging receipt)

TO: National Oceanographic Data Center
Page Building #1
2001 Wisconsin N.W.
Washington, D.C. 20235

REFER TO: E/OC13x5-83-70
 ATTENTION: Mr. Sid Halminski

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

☐ Ordinary Mail ☐ Registered Mail ☐ Air Mail ☒ Certified Mail ☐ Government Truck ☐ By Hand ☐ Other

Enclosed is the finalized version of the Burns RU230, FT127 data. Seventeen data sets are present: 255821, 265821, 305821, 315821, 315822, 016821, 016822, 036821, 036822, 046821, 179821, 199821, 209821, 209822, 219821, 219822, and 295821.

The following items may appear as "flagged" parameters on your processing runs:

1. In some instances the Station Number is represented as "0000A." These are text records which pertain to all stations within that file I.D.
2. In some instances the latitude field is under the NODC-recommended range. These have been verified by the investigator.
3. In some instances the platform speed are over the NODC-recommended range. These have been verified by the investigator.

Included are the DDF's, DINDB forms, the final listings, and the diskette containing the data.

cc: S. Swanner

Marilyn Allen *[Signature]* Project Manager
 FORWARDED BY (Signature) TITLE

6/2/83
 DATE FORWARDED

Sid Halminski
 RECEIVED BY (Signature) TITLE

6/30/83
 DATE RECEIVED

ADP FACILITIES REQUEST FORM

USER NAME HALMINSKI	PHONE # 634-7441	ORG/TASK # OCSEAP	DATE SUBMITTED 9/7/83	DATE DUE	BIN # 33
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JOB TO BE USED AND FUNCTION TO BE PERFORMED

FTP 127 SL COPY - RUN SCAN AND LOOK ON OUTPUT - ALSO PRINT 300 RECORDS

initialized tape, 1 scan, 15 k copy, 1 look, 1 print

INPUT MEDIUM

PAPER CARD DISK **TAPE**
DISKETTE OTHER(SPECIFY)

OUTPUT MEDIUM

CARD DISK PRINT **TAPE** PLOT
DISKETTE OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	CRAN21		9	1600	ODD	NL	FB	80	3200	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
TPUT	022069		9	1600	ODD	SL	FB	80	3200	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME PNOD*83 NODC 399			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD LENGTH	RECORD SIZE	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED
EXECUTION
TIME

31 USE ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
3090707	9/7/83	11:46	11:56	C	MT1-MT2-2 mounts

Completed by E. G. Mason

EQUIPMENT TO BE USED AND FUNCTION TO BE PERFORMED

8/31/83

FTP 127, RUN SCAN AND LOOK

INPUT MEDIUM

PAPER CARD DISK TAPE
DISKETTE OTHER(SPECIFY)

OUTPUT MEDIUM

CARD DISK PRINT TAPE PLOT
DISKETTE OTHER(SPECIFY)

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
116 hr.	CRAN21		9	1600	ODD	NL	FB	80	3200	1
INPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD LENGTH	RECORD SIZE	MAX. BLOCK SIZE	# OF FILES
OUTPUT	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED
EXECUTION
TIME

D731 USE ONLY

JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
83090111	9/6/83	10:07		C	MT-1 - 1 mount

COMMENTS

Completed by E. G. Mason

ADP FACILITIES REQUEST FORM

USER NAME HALMINSKI	PHONE # 634-7441	ORG/TASK # OCSEEP	DATE SUBMITTED 6/30/83	DATE DUE	BIR # 33
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MACHINE JOB IS TO BE DONE ON AND DESCRIBE THE FUNCTIONS TO BE DONE
FTP 127. CONVERT DATA ON 3 DISKETTES TO OUTPUT TAPE

INPUT MEDIUM PAPER CARD (DISK) OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT (TAPE) OTHER(SPECIFY)
--	--

TAPE INFORMATION :

	TAPE #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	BLOCK SIZE
INPUT	3 DISKETTES							
	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME Re. 230			PURGE DATE
OUTPUT	CRANR1	9	1600	ODD	NL	FB	80	3200
	CODE: (ASCII) EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS	ESTIMATED EXECUTION TIME
----------------------	--------------------------------

D731 USE ONLY

JOB #	DATE JOB DONE	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED
83070801	7/13/83			C	

COMMENTS

K W

83070801.

DATE June 30, 1983

DISKETTE/TAPE CONVERSION

INSTRUCTIONS: Convert 3 diskettes to tape. Make one output file on the tape. Make sure the diskettes are put on in sequence. Copy only data sets specified. Data is File Type 127.

DISKETTE INFORMATION

DISKETTE DISTINCTION	DATA SET NAME	RECORD LENGTH	NUMBER OF RECORDS	COMMENTS
1 of 3	RU230	80		
2 of 3	RU230	80		
3 of 3	RU230	80		

TAPE INFORMATION

TAPE NUMBER	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	BLOCK SIZE	CODE	NUMBER OF FILES
CRAN21	9	1600	odd	NL	FB	80	3200	ASCII	1
DATA SET NAME								PURGE DATE	

If any problems arise, please call Debbie Knoll at 634-4862.

Return completed work to: National Oceanographic Data Center
 Page Bldg. Room 417
 2001 Wisconsin Ave. N.W.
 Washington, D.C. 20235

ADP FACILITIES REQUEST FORM

USER NAME HALMINSKI	PHONE # 634-7441	ORG/TASK # OCSEAP	DATE SUBMITTED 7/14/83	DATE DUE	BIN # 33
-------------------------------	----------------------------	-----------------------------	-------------------------------------	----------	--------------------

MACHINE JOB IS TO BE DONE ON AND DESCRIBE THE FUNCTIONS TO BE DONE
FTP 127 — RUN SCAN, LOOK AND PRINT 200 RECORDS

INPUT MEDIUM PAPER CARD DISK TAPE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE OTHER(SPECIFY)
---	---

TAPE INFORMATION

	TAPE #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	BLOCK SIZE
INPUT	CRANZI	9	1600	ODD	NC	FB	80	3200
	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
OUTPUT								
	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS	ESTIMATED EXECUTION TIME
----------------------	--------------------------

D731 USE ONLY

JOB #	DATE JOB DONE	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED
83071403	7/14/83	11:30	10:39	C	MTI - 1 mount

COMMENTS

Completed by E.G. Wilson

DATA DOCUMENTATION FORM

83NODC 399

NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

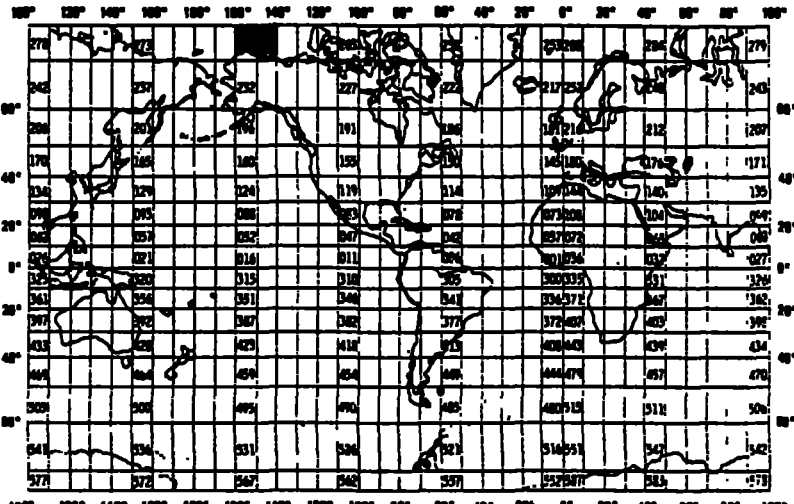
TT0989 - TT1005

(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

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531 R.U. #. 232											
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED NOAA/OCSEAP		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT 255821 315822 036822 265821 016821 046821 295821 016822 305821 036821 315821									
4. PLATFORM NAME(S) Bell 204	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Helicopter	6. PLATFORM AND OPERATOR 7. DATES NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th><th>FROM: MO, DAY, YR</th><th>TO: MO, DAY, YR</th></tr></thead><tbody><tr><td>U.S.A.</td><td>U.S.A.</td><td>5/25/82</td><td>6/4/82</td></tr></tbody></table>		PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR	U.S.A.	U.S.A.	5/25/82	6/4/82
PLATFORM	OPERATOR	FROM: MO, DAY, YR	TO: MO, DAY, YR								
U.S.A.	U.S.A.	5/25/82	6/4/82								
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA 									
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)											
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Kathryn J. Frost 907-452-1531 82 Ringed Seal Survey											

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
Track width	km to hundredths	Determined through use of Inclinator, angles calculated for various survey altitudes		
Latitude, longitude	DDMMSS N or S DDMMSS E or W	Begin and end points of survey legs known. Sighting position calcu- lated in 1 of 3 ways: 1) GNS 500 direct position readout 2) extrapolation of posi- tion by 1-min. intervals along distance traveled 3) location relative to geographic landmark		
Ice characteristics		Direct visual classifica- tion		
# individuals (adults or pups)		Direct visual count		

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

7 distinct record types: Cruise Header Record (A); Transect Record (B); Environmental Record (C); Location Record (D); Summary Sighting Record (E); Detail Sighting Record (F); Text Record (T) differentiated by byte 10.

File sorted by station number, sighting number, and sequence number to obtain proper sequence.

File Type 127 02/25/80 version.

☐ PL-1 ☐ ALGOL ☐ COBOL
☒ FORTRAN ☐ _____ LANGUAGE

NAME AND PHONE NUMBER Jesse Venable (907) 452-1531
ADDRESS Alaska Dept. Fish & Game, 1300 College Rd., Fairbanks AK 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

RECORD FORMAT DESCRIPTION

RECORD NAME Cruise Header Record - used once per File ID

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always 'A'
Cruise ID	22	6	bytes	A6	Same as file ID
Start date	28	6	bytes	I6	YYMMDD
End date	34	6	bytes	I6	YYMMDD
Investigator	40	15	bytes	A15	
Agency	55	15	bytes	A15	
Platform ID	70	3	bytes	I3	Code 0063 (ships) or code 0217 (aircraft)
Platform type	73	1	bytes	I1	Code 0100

RECORD FORMAT DESCRIPTION

RECORD NAME Transit Record

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always B
Station number	11	5	bytes	A5	
Begin latitude	16	7	bytes	A7	DDMMSS plus "N" or "S"
Begin longitude	23	8	bytes	A8	DDMMSS plus "E" or "W"
End latitude	31	7	bytes	A7	DDMMSS plus "N" or "S"
End longitude	38	8	bytes	A8	DDMMSS plus "E" or "W"
Begin date	46	6	bytes	I6	YYMMDD
Begin time	52	4	bytes	I4	XXXX (HRS and MIN 24 hr clock)
End time	56	4	bytes	I4	XXXX (HRS and MIN 24 hr clock)
Track width	60	4	bytes	I4	km to hundredths
Platform direction	64	3	bytes	I3	XXX (whole digress toward)
Platform speed	67	3	bytes	I3	whole knots
Platform altitude	70	4	bytes	I4	XXXX (whole meters)
Leg made good	74	1	bytes	A1	Always "Y" (code 0117)
Completeness	75	1	bytes	I1	Always "a" (code 0002)
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Environmental Record - 1 for each sighting as feasible

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., km, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "C"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	Unique number w/i each leg
Wind direction	30	3	bytes	I3	XXX whole degrees from
Wind speed	33	2	bytes	I2	XX (whole knots)
Cloud amount	36	1	bytes	I1	Code 0105
Air temperature	39	4	bytes	I4	degrees C to tenths
Sea surface temp.	43	4	bytes	I4	degrees C to hundredths
Sea state	47	1	bytes	I1	Code 0052
Surface visibility	50	1	bytes	I1	Code 0006
Ice type	54	1	bytes	I1	Code 0064
Octas thin ice	55	1	bytes	I1	Code 0065
Char. thin ice	56	1	bytes	I1	Code 0066
Octas mod. ice	57	1	bytes	I1	Code 0065
Char. mod. ice	58	1	bytes	I1	Code 0066
Octas heavy ice	59	1	bytes	I1	Code 0065
Char. heavy ice	60	1	bytes	I1	Code 0066
Deformation	61	1	bytes	I1	Code 0067
Transect width (ice)	62	1	bytes	I1	Code 0068
Platform activity	63	2	bytes	I2	Code 0005, always "01"
Human activity	65	2	bytes	A2	Code 0354
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Location Record - 1 per sighting

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., Mls, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "D"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	agrees w/RTC
Latitude	21	7	bytes	A7	DDMMSS plus "N" or "S"
Longitude	28	8	bytes	A8	DDMMSS plus "E" or "W"
Date	36	6	bytes	I6	YYMMDD
Time	42	4	bytes	I4	XXXX (HRS and MIN 24 hr clock)
Animal sighted code	46	1	bytes	A1	Code 0117, always "Y"
Platform altitude	65	4	bytes	I4	Whole meters, agrees w/RTB
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Summary Sighting Record - 1 for each species sighted

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., 20m, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "E"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	Agrees w/RTC, D
Taxonomic code	21	12	bytes	I12	NODC taxonomic codes
ID reliability	33	1	bytes	A1	Code 0141
Total number	34	5	bytes	I5	
Confidence	39	1	bytes	I1	Code 0003
Collection method	40	1	bytes	I1	Code 0001 (always "1")
# adults	41	5	bytes	I5	XXXXX
# pups (requiring nursing)	50	4	bytes	I4	XXXX
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Detail Sighting Record - at least 1 for each species sighted

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., hls, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "F"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	
Taxonomic code	21	12	bytes	I12	NODC taxonomic code
ID reliability	33	1	bytes	A1	Code 0141
# individuals	34	5	bytes	I5	
Confidence	39	1	bytes	I1	Code 0003
Collection method	40	1	bytes	I1	Code 0001
Predominant behavior	41	2	bytes	I2	Code 0139
# groups	47	2	bytes	I2	XX
Modal group size	49	1	bytes	A1	Code 0356
# adults	50	5	bytes	I5	
# pups	59	4	bytes	I4	
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Text Record - comments

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "T"
Station #	11	5	bytes	A5	
Sighting #	16	5	bytes	I5	
Comment	21	56	bytes	A56	
Sequence #	77	4	bytes	I4	

8300121

TT0121 - TT1003

Step	Completion Date/Init.		Tape # or DSN	# of Files	BLKSIZE	LRECL	# RECORDS
ORIGINATOR TAPE	8/31/83	H	CRANZ1	1	3200	80	4601
QUADI/SCAN TAPE							
ASSIGNED FOR PROCESS.	9/28/83	H	022069	1	3200	80	4601
DDF EVALUATION							
TAPE TO DISK QUALITY REVIEW	01/05/83	CMH					4601
PRELIMINARY DATA SORT							
PRELIMINARY MULCHEK	01/05/83	CMH					4601
FIRST USER TAPE							
WORK DISK FILE	01/05/83	CMH					4601
FINAL USER TAPE							
FINAL MULCHEK	01/11/83	CMH					4601
EDITED DISK FILE	01/11/83	CMH					4601
DATA SET "FINALIZED"							

DNODC*IMPD75.TT0989/F127

TAPE ASSIGNMENT SHEET

ACCESSION NO.: 2300421

TRACK NO(s): TT0924 - TT1005

Type of Tape	Tape Number	Label	LRECL	BLKSIZE	RECFM	Remarks
Originator	3 DISKETTES CRANZI	NL	80	3200	FB	
Duplicate	022069	SL	80	3200	FB	DSN DN0D*83N0PC 399
Reformatted						
First User						
Final Disk Data Set	DN0DC*MPD75.TT0989/F127					# records 4601

DATE:

TO:

FROM:

SUBJECT: Error Correction in Processing of Data Set - Accession # 8300121

- 1) File Type: 127
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: TT0989 - TT1005

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

① changed File IDs to TT0989 - TT1005

III. Processor Name:

Cliff Hartley

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: National Oceanographic Data Center
Page Building #1
2001 Wisconsin N.W.
Washington, D.C. 20235

REFER TO: E/OC13x5-83-70
ATTENTION: Mr. Sid Halminski

THE ITEM(S) LISTED BELOW WERE FORWARDED TO YOU BY

☐ Ordinary ☐ Registered ☐ Air ☒ Certified ☐ Government ☐ By Hand ☐ Other
Mail Mail Mail Mail Truck

Enclosed is the finalized version of the Burns RU230, FT127 data. Seventeen data sets are present: 255821, 265821, 305821, 315821, 315822, 016821, 016822, 036821, 036822, 046821, 179821, 199821, 209821, 209822, 219821, 219822, and 295821.

The following items may appear as "flagged" parameters on your processing runs:

1. In some instances the Station Number is represented as "0000A." These are text records which pertain to all stations within that file I.D.
2. In some instances the latitude field is under the NODC-recommended range. These have been verified by the investigator.
3. In some instances the platform speed are over the NODC-recommended range. These have been verified by the investigator.

Included are the DDF's, DINDB forms, the final listings, and the diskette containing the data.

cc: S. Swanner

FORWARDED BY (Signature) Marilyn Allen TITLE Project Manager

DATE FORWARDED 6/2/83

RECEIVED BY (Signature) Sid Halminski TITLE

DATE RECEIVED 6/30/83

OPERATOR NAME HALMINSKI	PHONE # 634-7441	ORG/TASK # OCSEAP	DATE SUBMITTED 9/7/83	DATE DUE	BIN # 33
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NOT TO BE USED AND FUNCTION TO BE PERFORMED

FTP 127 SL COPY - RUN SCAN AND LOOK ON OUTPUT - ALSO PRINT 300 RECORDS

initialized tape, 1 scan, 15 k copy, 1 look, 1 print

INPUT MEDIUM PAPER CARD DISK TAPE DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)
--	--

TAPE/DISKETTE INFORMATION

	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
INPUT	CRAN21		9	1600	ODD	NL	FB	80	3200	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
OUTPUT										
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
OUTPUT	022069		9	1600	ODD	SL	FB	80	3200	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME PNOD*83 NODC 399			PURGE DATE
	TAPE #/ DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS

ESTIMATED
EXECUTION
TIME

31 USE ONLY

#	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
3090707	9/7/83	11:46	11:56	C	MT1-MT2-2 mounts

Completed by E. G. Mason

INPUT MEDIUM PAPER CARD DISK <u>TAPE</u> DISKETTE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE PLOT DISKETTE OTHER(SPECIFY)
--	---

TAPE/DISKETTE INFORMATION

INPUT	11644	CRANZI	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES
				9	1600	ODD	NL	FB	80	3200	1
	SECTOR SIZE	EXCHANGE TYPE	CODE: <u>ASCII</u> EBCDIC BCD SDF OTHER(SPECIFY)					DATA SET NAME			PURGE DATE
	TAPE #/DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	MAX. BLOCK SIZE	# OF FILES	
OUTPUT											
	SECTOR SIZE	EXCHANGE TYPE	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)					DATA SET NAME			PURGE DATE
	TAPE #/DISKETTE	SLOT #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD LENGTH	RECORD SIZE	MAX. BLOCK SIZE	# OF FILES	

SPECIAL INSTRUCTIONS	ESTIMATED EXECUTION TIME
----------------------	--------------------------

D731 USE ONLY					
JOB #	DATE JOB COMPLETED	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED DISKETTES USED, CARDS PUNCHED, CARDS KEYVERIFIED
83090111	9/6/83	10:07		C	MT-1 - 1 mount

COMMENTS: Completed by E. G. Mason

USER NAME HALMINSKI	PHONE # 634-7441	ORG/TASK # OC5ERP	DATE SUBMITTED 6/30/83	DATE DUE	BIR # 33
MACHINE JOB IS TO BE DONE ON AND DESCRIBE THE FUNCTIONS TO BE DONE FTP 127. CONVERT DATA ON 3 DISKETTES TO OUTPUT TAPE					

INPUT MEDIUM PAPER CARD DISK TAPE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE OTHER(SPECIFY)
--	--

TAPE INFORMATION								
	TAPE #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	BLOCK SIZE
INPUT	3 DISKETTES							
	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME Ru.230			PURGE DATE
	TAPE #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	BLOCK SIZE
OUTPUT	CRANR1	9	1600	ODD	NL	FB	80	3200
	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS	ESTIMATED EXECUTION TIME
----------------------	--------------------------------

D731 USE ONLY					DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED
JOB #	DATE JOB DONE	START TIME	END TIME	PRIORITY	
83070801	7/13/83			C	

COMMENTS
<div style="text-align: right;"><i>Handwritten signature</i></div>

DISKETTE/TAPE CONVERSION

INSTRUCTIONS: Convert 3 diskettes to tape. Make one output file on the tape. Make sure the diskettes are put on in sequence. Copy only data sets specified. Data is File Type 127.

DISKETTE INFORMATION

DISKETTE DISTINCTION	DATA SET NAME	RECORD LENGTH	NUMBER OF RECORDS	COMMENTS
1 of 3	RU230	80		
2 of 3	RU230	80		
3 of 3	RU230	80		

TAPE INFORMATION

TAPE NUMBER	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	BLOCK SIZE	CODE	NUMBER OF FILES
CRAN211	9	1600	odd	NL	FB	80	3200	ASCII	1
DATA SET NAME									PURGE DATE

If any problems arise, please call Debbie Knoll at 634-4862.

Return completed work to: National Oceanographic Data Center
 Page Bldg. Room 417
 2001 Wisconsin Ave. N.W.
 Washington, D.C. 20235

USER NAME HALMINSKI	PHONE # 634-7421	ORG/TASK # OCSEAP	DATE SUBMITTED 7/14/83	DATE DUE	BIR # 33
-------------------------------	----------------------------	-----------------------------	----------------------------------	----------	--------------------

MACHINE JOB IS TO BE DONE ON AND DESCRIBE THE FUNCTIONS TO BE DONE
FTP 127 — RUN SCAN, LOOK AND PRINT 200 RECORDS

INPUT MEDIUM PAPER CARD DISK TAPE OTHER(SPECIFY)	OUTPUT MEDIUM CARD DISK PRINT TAPE OTHER(SPECIFY)
---	---

TAPE INFORMATION

	TAPE #	TRK	DENSITY	PARITY	LABEL TYPE	RECORD TYPE	RECORD LENGTH	BLOCK SIZE
INPUT	CRAN21	9	1600	ODD	NL	FB	80	3200
	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE
OUTPUT								
	CODE: ASCII EBCDIC BCD SDF OTHER(SPECIFY)				DATA SET NAME			PURGE DATE

SPECIAL INSTRUCTIONS	ESTIMATED EXECUTION TIME
----------------------	--------------------------

D731 USE ONLY

JOB #	DATE JOB DONE	START TIME	END TIME	PRIORITY	DEVICES USED, NUMBER OF TAPE MOUNTS, LINES PRINTED, DISKETTES USED, CARDS PUNCHED
83071403	7/14/83	10:30	10:37	C	MTI-1 mount

COMMENTS
Completed by E.G. Swan

TT0989 - TT1005

Survey

orm, it is the most desirable mechanism for providing the required
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

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531			
R.U. #. 232			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA/OCSEAP		255821 315822 036822 265821 016821 046821 295821 016822 305821 036821 315821	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
Bell 204	Helicopter	U.S.A.	U.S.A.
		FROM: MO/DAY/YR	TO: MO/DAY/YR
		5/25/82	6/4/82
8. ARE DATA PROPRIETARY?		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?			
(I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			
Kathryn J. Frost 907-452-1531			

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
Track width	km to hundredths	Determined through use of inclinometer, angles calculated for various survey altitudes		
Latitude, longitude	DDMMSS N or S DDMMSS E or W	Begin and end points of survey legs known. Sighting position calcu- lated in 1 of 3 ways: 1) GNS 500 direct position readout 2) extrapolation of posi- tion by 1-min. intervals along distance traveled 3) location relative to geographic landmark		
Ice characteristics		Direct visual classifica- tion		
# individuals (adults or pups)		Direct visual count		

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

7 distinct record types: Cruise Header Record (A); Transect Record (B); Environmental Record (C); Location Record (D); Summary Sighting Record (E); Detail Sighting Record (F); Text Record (T) differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File sorted by station number, sighting number, and sequence number to obtain proper sequence.

File Type 127 02/25/80 version.

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL
☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Jesse Venable (907) 452-1531

ADDRESS Alaska Dept. Fish & Game, 1300 College Rd., Fairbanks AK 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

RECORD FORMAT DESCRIPTION

RECORD NAME Cruise Header Record - used once per File ID

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always 'A'
Cruise ID	22	6	bytes	A6	Same as file ID
Start date	28	6	bytes	I6	YYMMDD
End date	34	6	bytes	I6	YYMMDD
Investigator	40	15	bytes	A15	
Agency	55	15	bytes	A15	
Platform ID	70	3	bytes	I3	Code 0063 (ships) or code 0217 (aircraft)
Platform type	73	1	bytes	I1	Code 0100

RECORD FORMAT DESCRIPTION

RECORD NAME Transit Record

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., Min, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always B
Station number	11	5	bytes	A5	
Begin latitude	16	7	bytes	A7	DDMMSS plus "N" or "S"
Begin longitude	23	8	bytes	A8	DDMMSS plus "E" or "W"
End latitude	31	7	bytes	A7	DDMMSS plus "N" or "S"
End longitude	38	8	bytes	A8	DDMMSS plus "E" or "W"
Begin date	46	6	bytes	I6	YYMMDD
Begin time	52	4	bytes	I4	XXXX (HRS and MIN 24 hr clock)
End time	56	4	bytes	I4	XXXX (HRS and MIN 24 hr clock)
Track width	60	4	bytes	I4	km to hundredths
Platform direction	64	3	bytes	I3	XXX (whole digress toward)
Platform speed	67	3	bytes	I3	whole knots
Platform altitude	70	4	bytes	I4	XXXX (whole meters)
Leg made good	74	1	bytes	A1	Always "Y" (code 0117)
Completeness	75	1	bytes	I1	Always "a" (code 0002)
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Environmental Record - 1 for each sighting as feasible

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., Mls, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "C"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	Unique number w/i each leg
Wind direction	30	3	bytes	I3	XXX whole degrees from
Wind speed	33	2	bytes	I2	XX (whole knots)
Cloud amount	36	1	bytes	I1	Code 0105
Air temperature	39	4	bytes	I4	degrees C to tenths
Sea surface temp.	43	4	bytes	I4	degrees C to hundredths
Sea state	47	1	bytes	I1	Code 0052
Surface visibility	50	1	bytes	I1	Code 0006
Ice type	54	1	bytes	I1	Code 0064
Octas thin ice	55	1	bytes	I1	Code 0065
Char. thin ice	56	1	bytes	I1	Code 0066
Octas mod. ice	57	1	bytes	I1	Code 0065
Char. mod. ice	58	1	bytes	I1	Code 0066
Octas heavy ice	59	1	bytes	I1	Code 0065
Char. heavy ice	60	1	bytes	I1	Code 0066
Deformation	61	1	bytes	I1	Code 0067
Transect width (ice)	62	1	bytes	I1	Code 0068
Platform activity	63	2	bytes	I2	Code 0005, always "01"
Human activity	65	2	bytes	A2	Code 0354
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Location Record - 1 per sighting

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., Mls, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "D"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	agrees w/RTC
Latitude	21	7	bytes	A7	DDMMSS plus "N" or "S"
Longitude	28	8	bytes	A8	DDMMSS plus "E" or "W"
Date	36	6	bytes	I6	YYMMDD
Time	42	4	bytes	I4	XXXX (HRS and MIN 24 hr clock)
Animal sighted code	46	1	bytes	A1	Code 0117, always "Y"
Platform altitude	65	4	bytes	I4	Whole meters, agrees w/RTB
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Summary Sighting Record - 1 for each species sighted

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "E"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	Agrees w/RTC, D
Taxonomic code	21	12	bytes	I12	NODC taxonomic codes
ID reliability	33	1	bytes	A1	Code 0141
Total number	34	5	bytes	I5	
Confidence	39	1	bytes	I1	Code 0003
Collection method	40	1	bytes	I1	Code 0001 (always "1")
# adults	41	5	bytes	I5	XXXXX
# pups (requiring nursing)	50	4	bytes	I4	XXXX
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Detail Sighting Record - at least 1 for each species sighted

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., Mm, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "F"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	
Taxonomic code	21	12	bytes	I12	NODC taxonomic code
ID reliability	33	1	bytes	A1	Code 0141
# individuals	34	5	bytes	I5	
Confidence	39	1	bytes	I1	Code 0003
Collection method	40	1	bytes	I1	Code 0001
Predominant behavior	41	2	bytes	I2	Code 0139
# groups	47	2	bytes	I2	XX
Modal group size	49	1	bytes	A1	Code 0356
# adults	50	5	bytes	I5	
# pups	59	4	bytes	I4	
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Text Record - comments

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "T"
Station #	11	5	bytes	A5	
Sighting #	16	5	bytes	I5	
Comment	21	56	bytes	A56	
Sequence #	77	4	bytes	I4	

(Wht)
and ill*Survey*n, it is the most desirable mechanism for providing the required
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

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
John J. Burns, Lloyd F. Lowry and Kathryn J. Frost Alaska Department of Fish and Game 1300 College Road Fairbanks, Alaska 99701 907-452-1531			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
NOAA/OCSEAP		179821 209822 199821 219821 209821 219822	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
-Cessna Conquest	Fixed-wing Aircraft	PLATFORM OPERATOR	FROM: MO, DAY, YR TO: MO, DAY, YR
		U.S.A. U.S.A.	9/17/82 9/21/82
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		GENERAL AREA 	
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Kathryn J. Frost 907-452-1531			

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
Track width	km to hundredths	Determined through use of inclinometer, angles calculated for various survey altitudes		
Latitude, longitude	DDMMSS N or S DDMMSS E or W	Begin and end points of survey legs known. Sighting position calcu- lated in 1 of 3 ways: 1) GNS 500 direct position readout 2) extrapolation of posi- tion by 1-min. intervals along distance traveled 3) location relative to geographic landmark		
Ice characteristics		Direct visual classifica- tion		
# individuals (adults or pups)		Direct visual count		

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

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

7 distinct record types: Cruise Header Record (A); Transect Record (B); Environmental Record (C); Location Record (D); Summary Sighting Record (E); Detail Sighting Record (F); Text Record (T) differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File sorted by station number, sighting number, and sequence number to obtain proper sequence.

File Type 127 02/25/80 version.

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL
☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Jesse Venable (907) 452-1531

ADDRESS Alaska Dept. Fish & Game, 1300 College Rd., Fairbanks AK 99701

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

RECORD FORMAT DESCRIPTION

RECORD NAME Cruise Header Record - used once per File ID

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always 'A'
Cruise ID	22	6	bytes	A6	Same as file ID
Start date	28	6	bytes	I6	YYMMDD
End date	34	6	bytes	I6	YYMMDD
Investigator	40	15	bytes	A15	
Agency	55	15	bytes	A15	
Platform ID	70	3	bytes	I3	Code 0063 (ships) or code 0217 (aircraft)
Platform type	73	1	bytes	I1	Code 0100

RECORD FORMAT DESCRIPTION

RECORD NAME Transit Record

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., line, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always B
Station number	11	5	bytes	A5	
Begin latitude	16	7	bytes	A7	DDMMSS plus "N" or "S"
Begin longitude	23	8	bytes	A8	DDMMSS plus "E" or "W"
End latitude	31	7	bytes	A7	DDMMSS plus "N" or "S"
End longitude	38	8	bytes	A8	DDMMSS plus "E" or "W"
Begin date	46	6	bytes	I6	YYMMDD
Begin time	52	4	bytes	I4	XXXX (HRS and MIN 24 hr clock)
End time	56	4	bytes	I4	XXXX (HRS and MIN 24 hr clock)
Track width	60	4	bytes	I4	km to hundredths
Platform direction	64	3	bytes	I3	XXX (whole digress toward)
Platform speed	67	3	bytes	I3	whole knots
Platform altitude	70	4	bytes	I4	XXXX (whole meters)
Leg made good	74	1	bytes	A1	Always "Y" (code 0117)
Completeness	75	1	bytes	I1	Always "a" (code 0002)
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Environmental Record - 1 for each sighting as feasible

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., Mls, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "C"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	Unique number w/i each leg
Wind direction	30	3	bytes	I3	XXX whole degrees from
Wind speed	33	2	bytes	I2	XX (whole knots)
Cloud amount	36	1	bytes	I1	Code 0105
Air temperature	39	4	bytes	I4	degrees C to tenths
Sea surface temp.	43	4	bytes	I4	degrees C to hundredths
Sea state	47	1	bytes	I1	Code 0052
Surface visibility	50	1	bytes	I1	Code 0006
Ice type	54	1	bytes	I1	Code 0064
Octas thin ice	55	1	bytes	I1	Code 0065
Char. thin ice	56	1	bytes	I1	Code 0066
Octas mod. ice	57	1	bytes	I1	Code 0065
Char. mod. ice	58	1	bytes	I1	Code 0066
Octas heavy ice	59	1	bytes	I1	Code 0065
Char. heavy ice	60	1	bytes	I1	Code 0066
Deformation	61	1	bytes	I1	Code 0067
Transect width (ice)	62	1	bytes	I1	Code 0068
Platform activity	63	2	bytes	I2	Code 0005, always "01"
Human activity	65	2	bytes	A2	Code 0354
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Location Record - 1 per sighting

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., Mts, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "D"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	agrees w/RTC
Latitude	21	7	bytes	A7	DDMMSS plus "N" or "S"
Longitude	28	8	bytes	A8	DDMMSS plus "E" or "W"
Date	36	6	bytes	I6	YYMMDD
Time	42	4	bytes	I4	XXXX (HRS and MIN 24 hr clock)
Animal sighted code	46	1	bytes	A1	Code 0117, always "Y"
Platform altitude	65	4	bytes	I4	Whole meters, agrees w/RTB
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Summary Sighting Record - 1 for each species sighted

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "E"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	Agrees w/RTC, D
Taxonomic code	21	12	bytes	I12	NODC taxonomic codes
ID reliability	33	1	bytes	A1	Code 0141
Total number	34	5	bytes	I5	
Confidence	39	1	bytes	I1	Code 0003
Collection method	40	1	bytes	I1	Code 0001 (always "1")
# adults	41	5	bytes	I5	XXXXX
# pups (requiring nursing)	50	4	bytes	I4	XXXX
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Detail Sighting Record - at least 1 for each species sighted

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., hkm, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "F"
Station number	11	5	bytes	A5	
Sighting number	16	5	bytes	I5	
Taxonomic code	21	12	bytes	I12	NODC taxonomic code
ID reliability	33	1	bytes	A1	Code 0141
# individuals	34	5	bytes	I5	
Confidence	39	1	bytes	I1	Code 0003
Collection method	40	1	bytes	I1	Code 0001
Predominant behavior	41	2	bytes	I2	Code 0139
# groups	47	2	bytes	I2	XX
Modal group size	49	1	bytes	A1	Code 0356
# adults	50	5	bytes	I5	
# pups	59	4	bytes	I4	
Sequence #	77	4	bytes	I4	

RECORD FORMAT DESCRIPTION

RECORD NAME Text Record - comments

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File type	1	3	bytes	I3	Always 127
File identifier	4	6	bytes	A6	
Record type	10	1	bytes	A1	Always "T"
Station #	11	5	bytes	A5	
Sighting #	16	5	bytes	I5	
Comment	21	56	bytes	A56	
Sequence #	77	4	bytes	I4	

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
8300121	F127	TT0989	0081	31W5	3191	1982/05/26	255821	324436
8300121	F127	TT0990	0081	31W5	3191	1982/05/26	265821	324437
8300121	F127	TT0991	0081	31W5	3191	1982/05/30	295821	324438
8300121	F127	TT0992	0081	31W5	3191	1982/05/31	305821	324439
8300121	F127	TT0993	0081	31W5	3191	1982/05/31	315821	324440
8300121	F127	TT0994	0081	31W5	3191	1982/06/01	315822	324441
8300121	F127	TT0995	0081	31W5	3191	1982/06/01	016821	324442
8300121	F127	TT0996	0081	31W5	3191	1982/06/01	016822	324443
8300121	F127	TT0997	0081	31W5	3191	1982/06/03	036821	324444
8300121	F127	TT0998	0081	31W5	3191	1982/06/04	036822	324445
8300121	F127	TT0999	0081	31W5	3191	1982/06/05	046821	324446
8300121	F127	TT1000	0081	31W5	3191	1982/09/18	179821	324447
8300121	F127	TT1001	0081	31W5	3191	1982/09/19	199821	324448
8300121	F127	TT1002	0081	31W5	3191	1982/09/20	209821	324449
8300121	F127	TT1003	0081	31W5	3191	1982/09/21	209822	324450
8300121	F127	TT1004	0081	31W5	3191	1982/09/21	219821	324451
8300121	F127	TT1005	0081	31W5	3191	1982/09/22	219822	324452

(17 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
8300121	F127	TT0989	3191	39	162	82/05/26	82/05/26
8300121	F127	TT0990	3191	134	515	82/05/26	82/05/27
8300121	F127	TT0991	3191	45	178	82/05/30	82/05/30
8300121	F127	TT0992	3191	46	204	82/05/31	82/05/31
8300121	F127	TT0993	3191	45	181	82/05/31	82/05/31
8300121	F127	TT0994	3191	28	125	82/06/01	82/06/01
8300121	F127	TT0995	3191	103	443	82/06/01	82/06/01
8300121	F127	TT0996	3191	116	473	82/06/01	82/06/02
8300121	F127	TT0997	3191	167	696	82/06/03	82/06/04
8300121	F127	TT0998	3191	155	659	82/06/04	82/06/04
8300121	F127	TT0999	3191	56	236	82/06/05	82/06/05
8300121	F127	TT1000	3191	26	101	82/09/18	82/09/18
8300121	F127	TT1001	3191	30	144	82/09/19	82/09/19
8300121	F127	TT1002	3191	33	143	82/09/20	82/09/21
8300121	F127	TT1003	3191	9	54	82/09/21	82/09/21
8300121	F127	TT1004	3191	50	157	82/09/21	82/09/21
8300121	F127	TT1005	3191	36	130	82/09/22	82/09/22

(17 rows affected)