

DATA DOCUMENTATION FORM

TR3584

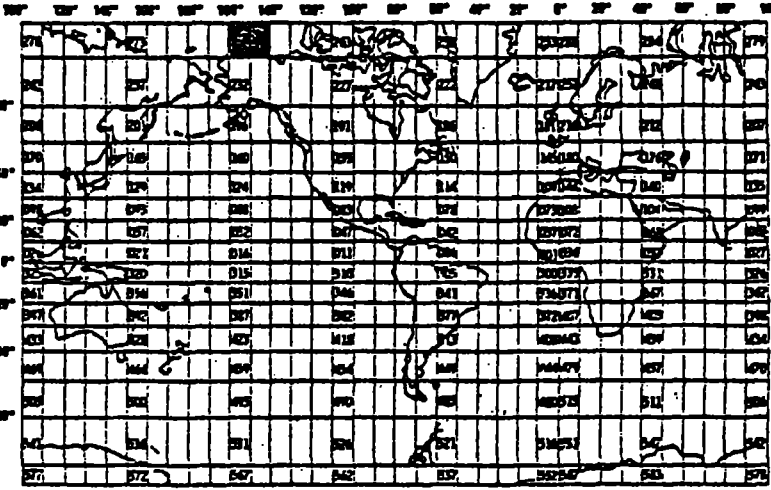
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NOAA FORM 24-13
(4-72)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-R2651

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

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Dr. Calvin Lensink U. S. Fish and Wildlife Service- Office of Biological Services-Coastal Ecosystems 1011 East Tudor Rd. Anchorage, Alaska, 99503											
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP RU - 337		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <div style="border: 1px solid black; padding: 5px; display: inline-block;">FW 5010</div>									
4. PLATFORM NAME(S) P 2 V	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Aircraft	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th></tr></thead><tbody><tr><td>USA</td><td>USA</td></tr></tbody></table>	PLATFORM	OPERATOR	USA	USA	7. DATES <table border="1"><thead><tr><th>FROM: MO, DAY, YR</th><th>TO: MO, DAY, YR</th></tr></thead><tbody><tr><td>7-2-75</td><td>7-3-75</td></tr></tbody></table>	FROM: MO, DAY, YR	TO: MO, DAY, YR	7-2-75	7-3-75
PLATFORM	OPERATOR										
USA	USA										
FROM: MO, DAY, YR	TO: MO, DAY, YR										
7-2-75	7-3-75										
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 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) Dr. Calvin Lensink Dr. Patrick Gould (907) 276-3800											

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
Station Type	N/A	See Attached Codes	N/A	N/A
Start Latitude & Longitude	Degrees, Minutes, Seconds, Hemis.	GNS 500 (VLF output)	N/A	N/A
Date - Time	Year, Month, Day, Hour, Minute	Always GMT	N/A	N/A
End Latitude & Longitude	Degrees, Minutes, Seconds, Hemis.	GNS 500 (VLF output)	N/A	N/A
Time Zone	International Standard	N/A	N/A	N/A
Speed	Knots	GNS 500 (VLF output)	N/A	N/A
Course	10's of degrees true made good	Compass	N/A	N/A
Height	Whole Meters	Radio altimeter	N/A	N/A
Transect Width	10's of meters	Estimated, based on clinometer and trigonometry	N/A	N/A
Sea State	WHO 3700 codes	Observation	N/A	N/A
Weather	WHO 4677 codes selected	Observation - see attached list of selected codes	N/A	N/A
Taxonomic Code	NODC Taxonomic Codes	1977 Version	N/A	N/A
Number	Number of individual organisms	Observation	N/A	N/A
Linkage	033 Codes	N/A	N/A	N/A
Outside Zone	033 Codes	N/A	N/A	N/A

C. DATA FORMAT

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

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

Type 1 = Location
Type 2 = Environment
Type 4 = Text
Type 5 = Data
These are differentiated by byte 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File organized by Station Number (Record Type 1, Bytes 11-13)

3. ATTRIBUTES AS EXPRESSED IN

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Robert L. Blanscett 907-276-3800
ADDRESS U.S.F.&W.S., OBS-CE, 1011 E. Tudor Rd. Anchorage, Alaska, 99503

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input checked="" 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) OCSEAP - USFWS/OBSCE 337 033 - FW5010 P2V 75/7/2 - 75/7/3 LENSINK 9TRK, 800 BPI, ODD, EBCDIC NON LABELED-IBM UTILITY B
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 83 13. LENGTH OF BYTES IN BITS 8

RECORD FORMAT DESCRIPTION

ORD NAME Location - Ship and Aircraft Census

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	A3	"Always 055"
File Identifier	4	6	bytes	A6	
Record Type	10	1	bytes	I1	"Always 1"
Station Number	11	5	bytes	A5	4th byte coded for ship type 5th byte coded for transect type
Latitude, Degrees	16	2	bytes	I2	Starting Position
Minutes	18	2	bytes	I2	" "
Seconds	20	2	bytes	I2	" "
Hemisphere	22	1	bytes	A1	"N" or "S"
Longitude, Degrees	23	3	bytes	I3	Starting Position
Minutes	26	2	bytes	I2	" "
Seconds	28	2	bytes	I2	" "
Hemisphere	30	1	bytes	A1	"E" or "W"
Year	31	2	bytes	I2	Last two digits of year = Starting Time GMT
Month	33	2	bytes	I2	" " "
Day	35	2	bytes	I2	" " "
Hour	37	2	bytes	I2	" " "
Minute	39	2	bytes	I2	" " "
Latitude, Degrees	41	2	bytes	I2	Ending... Position
Minutes	43	2	bytes	I2	" "
Seconds	45	2	bytes	I2	" "
Hemisphere	47	1	bytes	A1	"N" or "S"
Longitude, Degrees	48	3	bytes	I3	Ending Position
Minutes	51	2	bytes	I2	" "
Seconds	53	2	bytes	I2	" "
Hemisphere	55	1	bytes	A1	"E" or "W"
Time Zone	58	1	byte	A1	"+" or "-"
Time Zone	59	2	bytes	A2	01-12
Speed Made Good	61	3	bytes	I3	in whole knots
Course Made Good	64	2	bytes	I2	tens of degrees true

RECORD FORMAT DESCRIPTION

RECORD NAME Environmental - Aircraft Censuses

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	A3	Always 033
File Identifier	4	6	bytes	A6	
Record Type	10	1	bytes	I1	Always 2
Wind Direction	45	2	bytes	I2	In 10's of degrees true See WMO codes 0885 & 0877
Wind Speed	47	2	bytes	I2	In whole knots
Sea State	49	1	bytes	A1	WMO code 3700
Weather	55	2	bytes	A2	WMO code 4677 with restricted choice as shown below: 00,03,41,43,68,69,87,88,71,73

RECORD NAME Location (continued) - Ship and Aircraft CensusNOAA FORM 24-13

RECORD FORMAT DESCRIPTION

ORD NAME Data- Aircraft Censuses

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	A3	Always 033
File Identifier	4	6	bytes	A6	
Record Type	10	1	bytes	I1	Always 5
Station Number	11	5	bytes	A5	bytes 14-15 define ship and observation types
Taxonomic Code	18	10	bytes	I10	NODC 1977 codes
Subspecies	28	2	bytes	I2	
Species Group	30	2	bytes	A2	
Number of Individuals	37	5	bytes	I5	whole numeric
Linkage	51	3	bytes	I3	Sequence number of a group within one observation
Sequence	78	3	bytes	I3	Ascending numeric, for sorting
Outside Zone	83	1	bytes	A1	0=birds within transect width defined in RT 1, bytes 81-83. 1-9=birds other than above

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 ("✓") 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 (FR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

C. DATA FORMAT

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

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

Record Type is coded in column 10 of each record as follows:

- 1 - Location
- 2 - Environment
- 3 - Ice Record
- 4 - Text Comments
- 5 - Data Observations

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File is organized by Station Number in Columns 11-15 of each record. Each Station contains one Type 1 card; one Type 2 card; zero to several Type 3 cards; and one to several Type 5 cards (one for each observation at that station).

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Data Projects Group (401)792-2320

ADDRESS 333 Pastore Hall, University of Rhode Island, Kingston, RI 02881

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> 1/2 inch</p>												
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17</p> <p>IBM 3420 <input checked="" type="checkbox"/> Tape Mark</p>												
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>FW5010 on tape G03NDC with:</p> <table border="0"> <tr> <td>→ FW5010</td> <td>FW6086</td> <td>FW5013</td> </tr> <tr> <td>FW5021</td> <td>FW6186</td> <td>FW5023</td> </tr> <tr> <td>FW6085</td> <td>FW6088</td> <td>FW5024</td> </tr> <tr> <td></td> <td></td> <td>FW6066</td> </tr> </table>	→ FW5010	FW6086	FW5013	FW5021	FW6186	FW5023	FW6085	FW6088	FW5024			FW6066
→ FW5010	FW6086	FW5013											
FW5021	FW6186	FW5023											
FW6085	FW6088	FW5024											
		FW6066											
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" 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>Lrecl=83 Blk size=4150</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>												

RECORD FORMAT DESCRIPTION

Ship and Aircraft Census Data - Location Record

RECORD NAME

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	A3	Always 033
File ID	4	6	bytes	A6	Identical for all records
Record Type	10	1	bytes	I1	Always 1
Station No	11	5	bytes	A5	
Latitude -					Starting Position
Degrees	16	2	bytes	I2	33-73 degrees
Minutes	18	2	bytes	I2	0-59 minutes
Seconds	20	2	bytes	I2	0-59 seconds
Hemisphere	22	1	bytes	A1	N hemisphere
Longitude -					Starting Position
Degrees	23	3	bytes	I3	118-180 degrees
Minutes	26	2	bytes	I2	0-59 minutes
Seconds	28	2	bytes	I2	0-59 seconds
Hemisphere	30	1	bytes	A1	W hemisphere
Date -					Starting date GMT
Year	31	2	bytes	I2	Last 2 digits
Month	33	2	bytes	I2	1-12 months
Day	35	2	bytes	I2	1-31 days
Time -					Starting time GMT
Hours	37	2	bytes	I2	0-23 hours
Minutes	39	2	bytes	I2	0-59 minutes
Latitude -					Ending Position
Degrees	41	2	bytes	I2	33-73 degrees
Minutes	43	2	bytes	I2	0-59 minutes
Seconds	45	2	bytes	I2	0-59 seconds
Hemisphere	47	1	bytes	A1	N hemisphere
Longitude -					Ending Position
Degrees	48	3	bytes	I3	118-180 degrees
Minutes	51	2	bytes	I2	0-59 minutes
Seconds	53	2	bytes	I2	0-59 seconds
Hemisphere	55	1	bytes	A1	W hemisphere
Elapsed Time	56	2	bytes	I2	0-30 whole minutes
Time Zone -					
Sign	58	1	bytes	A1	+ or - relative to GMT
Number	59	2	bytes	I2	Zone 01-12
Ships Speed	61	3	bytes	I3	Whole knots
Course Headings	64	2	bytes	I2	0-35 tens of degrees true

RECORD FORMAT DESCRIPTION

RECORD NAME Ship and Aircraft Census Data - Location (continued)

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Height of Eyes Above Sea	66	3	bytes	I3	Whole meters
Platform Type	69	1	bytes	A1	NODC Platform Type Code
Sampling Technique	70	1	bytes	A2	NODC Sampling Technique Code
Ship Activity	71	1	bytes	A1	NODC Ship Activity Code
Photos Taken	72	1	bytes	A1	NODC Collection Code
Width of Transect	73	1	bytes	A1	NODC Zone Scheme Code
Angle of View	74	1	bytes	A1	NODC Angle of View Code
Observation Conditions	75	1	bytes	A1	NODC Observation Conditions Code
Distance Made Good	76	4	bytes	I4	Kilometers to tenths
Watch Type	80	1	bytes	A1	
Transect Width	81	3	bytes	I3	Tens of meters

RECORD FORMAT DESCRIPTION

RECORD NAME Ship and Aircraft Census Data - Environment 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	A3	Always 033
File ID	4	6	bytes	A6	Identical for all records
Record Type	10	1	bytes	I1	Always 2
Station No	11	5	bytes	A5	
Bottom Depth	16	4	bytes	I4	Whole meters
Thermocline Depth	20	3	bytes	I3	0-100 meters
Sea Surface Temperature	23	4	bytes	I4	-3 to +10 degrees to tenths Celsius
Salinity	27	3	bytes	I3	20 o/oo to 34 o/oo parts per thousand to tenths
Dry Bulb Temp	30	4	bytes	I4	-20 to +30 degrees to tenths Celsius
Wet Bulb Temp	34	4	bytes	I4	-20 to +30 degrees to tenths Celsius
Humidity	38	2	bytes	I2	00-99 percent
Barometric Pressure	40	4	bytes	I4	0.9600-1.0400 bars to tenths of millibars
Barometric Trend	44	1	bytes	A1	+ rising, - falling, 0 steady
Wind Direction	45	2	bytes	I2	NODC Direction Code (WMO Codes 0885 & 0877)
Wind Speed	47	2	bytes	I2	0-50 knots
Sea State	49	1	bytes	A1	WMO Code 3700
Swell Direction	50	2	bytes	I2	NODC Direction Code
Swell Height	52	3	bytes	I3	0-07.6 meters to tenths
Weather	55	2	bytes	A2	WMO Code 4677
Cloud Type	57	1	bytes	A1	WMO Code 0500
Cloud Amount	58	1	bytes	A1	WMO Code 2700

RECORD FORMAT DESCRIPTION

RECORD NAME Ship and Aircraft Census Data - Environment (continued)

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Water Color	59	2	bytes	A2	NODC Water Color Code (Fores-Ule scale)
Visibility	61	1	bytes	A1	WMO Code 4300
Sun Direction	62	1	bytes	A1	NODC Compass Direction Code
Glare Intensity	63	1	bytes	A1	NODC Glare Intensity Code
Glare Area	64	1	bytes	A1	NODC Glare Area Code
Light Level	65	3	bytes	I3	Tens of Foot-candles
Moon Phase	68	1	bytes	A1	NODC Moon Phase Code
Tide Height	69	1	bytes	A1	NODC Tide Height Code
Tide Cycle	70	1	bytes	A1	+ rising, - falling, 0 slack water
Distance to Shore	71	4	bytes	I4	Whole nautical miles
Distance to Shelf break	75	3	bytes	I3	Whole nautical miles
SECCHI Depth	78	2	bytes	I2	Whole meters
Debris Code	80	1	bytes	A1	NODC Debris Code (for non-bird associated debris)
Blank	81	3	bytes	X3	

RECORD FORMAT DESCRIPTION

RECORD NAME Ship and Aircraft Census Data - Ice 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	A3	Always 033
File ID	4	6	bytes	A6	Identical for all records
Record Type	10	1	bytes	I1	Always 3
Station No	11	5	bytes	A5	
Ice In Transect					
Cover	16	1	bytes	A1	WMO Code 0547
Type	17	1	bytes	A1	WMO Code 3763
Form	18	1	bytes	A1	WMO Code 1147
Relief	19	1	bytes	A1	WMO Code 3962
Thick	20	1	bytes	A1	WMO Code 4006
Melt	21	1	bytes	A1	WMO Code 2650
Ice Outside Transect					
Cover	22	1	bytes	A1	WMO Code 0547
Type	23	1	bytes	A1	WMO Code 3763
Form	24	1	bytes	A1	WMO Code 1147
Relief	25	1	bytes	A1	WMO Code 3962
Thick	26	1	bytes	A1	WMO Code 4006
Melt	27	1	bytes	A1	WMO Code 2650
Open Water					
Type	28	1	bytes	A1	WMO Code 4552
Direction	29	1	bytes	A1	WMO Code 0739
Distance	30	1	bytes	A1	WMO Code 3600
Lead/Polynya	31	1	bytes	A1	WMO Code 4300
Visible Ice					
Description	32	1	bytes	A1	WMO Code 0663
Direction	33	1	bytes	A1	WMO Code 0739
Distance	34	1	bytes	A1	WMO Code 3600
Miscellaneous					
Arctic Cod Excess	35	1	bytes	A1	NODC Collection Code
Sediment	36	1	bytes	A1	NODC Collection Code
Ice Algae	37	1	bytes	A1	NODC Collection Code
Mammal Trace	38	1	bytes	A1	NODC Mammal Trace Code
Other Features	39	1	bytes	A1	NODC Mammal Trace Code
Ice Pattern					
In Transect	40	1	bytes	A1	1-Regular, 2-Clumped
Outside Trans	41	1	bytes	A1	1-Regular, 2-Clumped

RECORD FORMAT DESCRIPTION

Ship and Aircraft Census Data - Ice (continued)

RECORD NAME

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Ship in Lead or Polynya Location	42	1	bytes	A1	1-Lead, 2-Polynya, 3-Indeterminable
Width	43	1	bytes	A1	WMO Code 4300
Distance	44	1	bytes	A1	WMO Code 4300
Time of Ice Conditions	45	2	bytes	I2	Whole minutes from start time to observation time, must increase for a station
Water vs Land % Covered	47	2	bytes	I2	00-99 Percent
Pond Size	49	1	bytes	A1	NODC Size of Pond Code
Open Water Ice Description Cover	50	1	bytes	A1	WMO Code 1147
	51	1	bytes	A1	WMO Code 0547
Blank	52	26	bytes	X26	
Sequence Number	78	3	bytes	I3	Ascending numeric
Blank	81	3	bytes	X3	

RECORD FORMAT DESCRIPTION

RECORD NAME Ship and Aircraft Census Data - Text 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	A3	Always 033
File ID	4	6	bytes	A6	Identical for all records
Record Type	10	1	bytes	I1	Always 4
Station No	11	5	bytes	A5	
Text	16	62	bytes	A62	
Sequence Number	78	3	bytes	I3	Ascending Numeric
Blank	81	3	bytes	X3	

RECORD FORMAT DESCRIPTION

Ship and Aircraft Census Data - Data Record

RECORD NAME

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	A3	Always 033
File ID	4	6	bytes	A6	Identical for all records
Record Type	10	1	bytes	I1	Always 5
Station No	11	5	bytes	A5	
Time into Transact	16	2	bytes	I2	Whole minutes from start time to observation time
Taxonomic Code	18	12	bytes	I12	Class 88-92, ends with paired trailing blanks
Species Group	30	2	bytes	I2	
Age	32	1	bytes	A1	NODC Age Class Group Code
Sex	33	1	bytes	A1	NODC Sex Code
Color	34	1	bytes	A1	NODC Color Phase Code
Plumage	35	1	bytes	A1	NODC Plumage Code
Molt	36	1	bytes	A1	NODC Molt Code
Number of Individuals	37	5	bytes	I5	Whole number, must not be omitted
Counting Method	42	1	bytes	A1	NODC Counting Method Code
Reliability	43	1	bytes	A1	NODC Reliability Code
Distance Measure Type	44	1	bytes	A1	NODC Distance Measurement Type Code
Distance to Birds	45	3	bytes	I3	Tens of meters
Direction of Flight	48	2	bytes	I2	00-35 Tens of degrees
Association	50	1	bytes	A1	NODC Type of Assoc Code
Linkage	51	3	bytes	I3	Sequence number of multi- species group in station
Species Number	54	2	bytes	I2	Number of species linked
Behavior	56	2	bytes	A2	NODC Behavior Code
Special Marks	58	1	bytes	A1	NODC Special Marks Code
Bird Condition	59	1	bytes	A1	NODC Bird Condition Code

RECORD FORMAT DESCRIPTION

RECORD NAME Ship and Aircraft Census Data - Data (continued)

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Food Source	60	1	bytes	A1	NODC Food Source Association Code
Tax Code of Food	61	10	bytes	I10	
Debris	71	1	bytes	A1	NODC Debris code
Oil	72	1	bytes	A1	NODC Oil Code
Distance from Breed Colony	73	3	bytes	I3	Nautical miles
Habitat	76	2	bytes	2A1	NODC Habitat Code, may code 2, left to right
Sequence Number	78	3	bytes	I3	Ascending numeric
Substrate	81	1	bytes	A1	NODC Substrate Code
Cover	82	1	bytes	A1	NODC Cover Code
Outside Zone	83	1	bytes	A1	NODC Outside Zone Code

DATA DOCUMENTATION FORM

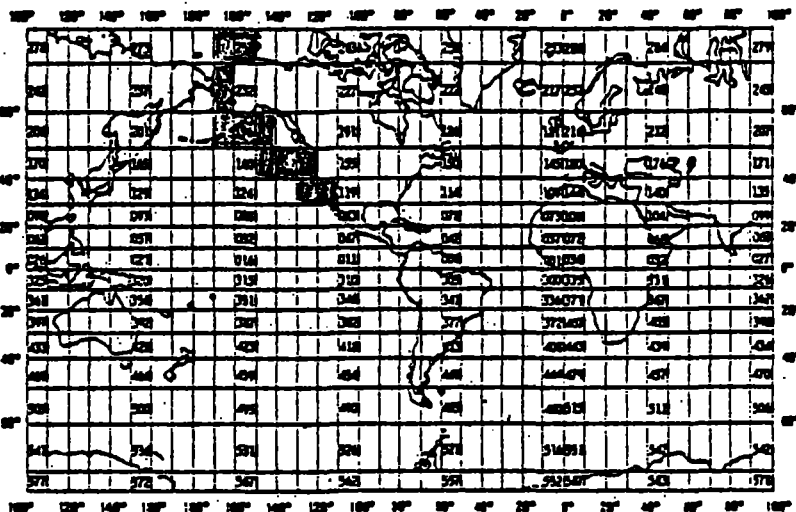
TR3585

NOAA FORM 24-13
(4-72)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20862FORM APPROVED
O.M.B. No. 41-R2551

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 Dr. Calvin Lensink U. S. Fish and Wildlife Service- Office of Biological Services-Coastal Ecosystems 1011 East Tudor Rd. Anchorage, Alaska, 99503											
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP RU - 337		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT FW 5021									
4. PLATFORM NAME(S) USCGC Burton Island USCGC - GLACIER	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th></tr></thead><tbody><tr><td>USA</td><td>USA</td></tr></tbody></table>	PLATFORM	OPERATOR	USA	USA	7. DATES <table border="1"><thead><tr><th>FROM: MO, DAY, YR</th><th>TO: MO, DAY, YR</th></tr></thead><tbody><tr><td>9-1-75</td><td>9-30-75</td></tr></tbody></table>	FROM: MO, DAY, YR	TO: MO, DAY, YR	9-1-75	9-30-75
PLATFORM	OPERATOR										
USA	USA										
FROM: MO, DAY, YR	TO: MO, DAY, YR										
9-1-75	9-30-75										
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) Dr. Calvin Lensink Dr. Patrick Gould (907) 276-3800											

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
Station Type	N/A	See Attached Codes	N/A	N/A
Start Latitude & Longitude	Degrees, Minutes, Seconds, Hemisph.	Combined Radar Fixes and Depth Charts	N/A	N/A
Date - Time	Year, Month, Day Hour, Minute	Always GMT	N/A	N/A
Elapsed Time	Minutes	N/A	N/A	N/A
Time Zone	International Standard	N/A	N/A	N/A
Speed	Knots made good	Derived from plotted positions	N/A	N/A
Course	10's of degrees true made good	Derived from plotted positions	N/A	N/A
Height	Whole meters	Measured with steel Tape	N/A	N/A
Obs. Conditions	033 code	Observers opinion of all factors influencing observations - subjective	N/A	N/A
Transect Width	10's of meters	Estimated, based on periodic checks with a range finder.	N/A	N/A
Depth	meters	Fathometer and Charts	N/A	N/A
Surface Temp.	tenths of degrees centigrade.	Temp. gage at ships intake	N/A	N/A
Sea State	WMO 3700 codes	Observation	N/A	N/A
Weather	WMO 4677 codes selected	Observation - see attached list of selected codes	N/A	N/A
Taxonomic Code	NODC Taxonomic codes	1977 version	N/A	N/A
Age	033 codes	Observation	N/A	N/A
Sex	033 Codes	Observation	N/A	N/A
Color Phase	033 Codes	Observation	N/A	N/A

C. DATA FORMAT

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

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

Record Type is coded in column 10 of each record as follows:

- 1 - Location
- 2 - Environment
- 3 - Ice Record
- 4 - Text Comments
- 5 - Data Observations

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File is organized by Station Number in Columns 11-15 of each record. Each Station contains one Type 1 card; one Type 2 card; zero to several Type 3 cards; and one to several Type 5 cards (one for each observation at that station).

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Data Projects Group (401)792-2320

ADDRESS 333 Pastore Hall, University of Rhode Island, Kingston, RI 02881

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> 1/2 inch</p>												
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17</p> <p>IBM 3420 <input checked="" type="checkbox"/> Tape Mark</p>												
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>FW5021 on tape G03NDC with</p> <table border="0"> <tr> <td>FW5010</td> <td>FW6086</td> <td>FW5013</td> </tr> <tr> <td>→ FW5021</td> <td>FW6186</td> <td>FW5023</td> </tr> <tr> <td>FW6085</td> <td>FW6088</td> <td>FW5024</td> </tr> <tr> <td></td> <td></td> <td>FW6066</td> </tr> </table>	FW5010	FW6086	FW5013	→ FW5021	FW6186	FW5023	FW6085	FW6088	FW5024			FW6066
FW5010	FW6086	FW5013											
→ FW5021	FW6186	FW5023											
FW6085	FW6088	FW5024											
		FW6066											
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" 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>Lrecl=83 Blk size=4150</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>												

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Number	Number of individual organisms	Binoculars	N/A	N/A
Flight Direction	10's of degrees true	Observation	N/A	N/A
Linkage	033 codes	N/A	N/A	N/A
Behavior	Selected 033 codes	See attached list of Selected codes	N/A	N/A
Outside Zone	033 codes	N/A	N/A	N/A

C. DATA FORMAT

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

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

Type 1 = Location
Type 2 = Environment
Type 4 = Text
Type 5 = Data
These are differentiated by byte 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File organized by Station Number (Record Type 1, Bytes 11-13)

3. ATTRIBUTES AS EXPRESSED IN

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Robert L. Blanscett 907-276-3800
ADDRESS U.S.F.&W.S., OBS-CE, 1011 E. Tudor Rd. Anchorage, Alaska, 99503

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input checked="" 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) 337 033 FW5021 MULTIPLE 75-09-01 75-09-30 LENSINK 9TRK, 800BPI, ODD, EBCDIC
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 83 13. LENGTH OF BYTES IN BITS 8

DATA DOCUMENTATION FORM

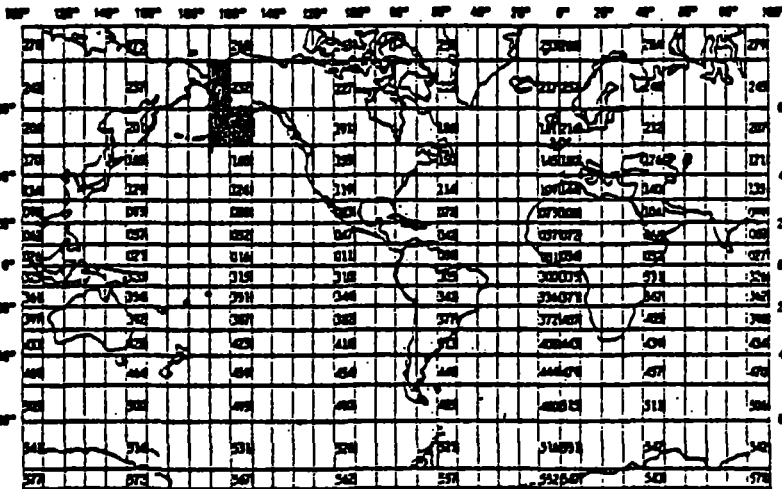
TR3586

NOAA FORM 24-13
(4-73)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-R2651

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

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Dr. Calvin Lensink U. S. Fish and Wildlife Service- Office of Biological Services-Coastal Ecosystem 1011 East Tudor Rd. Anchorage, Alaska, 99503											
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP RU - 337		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT FW6085									
4. PLATFORM NAME(S) NOAA RU Discoverer	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th></tr></thead><tbody><tr><td>USA</td><td>USA</td></tr></tbody></table>	PLATFORM	OPERATOR	USA	USA	7. DATES <table border="1"><thead><tr><th>FROM: MO, DAY, YR</th><th>TO: MO, DAY, YR</th></tr></thead><tbody><tr><td>8-4-76</td><td>8-14-76</td></tr></tbody></table>	FROM: MO, DAY, YR	TO: MO, DAY, YR	8-4-76	8-14-76
PLATFORM	OPERATOR										
USA	USA										
FROM: MO, DAY, YR	TO: MO, DAY, YR										
8-4-76	8-14-76										
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) Dr. Calvin Lensink Dr. Patrick Gould (907) 276-3800											

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
Station Type	N/A	See Attached Codes	N/A	N/A
Start Latitude & Longitude	Degrees, Minutes, Seconds, Hemisph.	Combined Radar Fixes and Depth Charts	N/A	N/A
Date - Time	Year, Month, Day Hour, Minute	Always GMT	N/A	N/A
Elapsed Time	Minutes	N/A	N/A	N/A
Time Zone	International Standard	N/A	N/A	N/A
Speed	Knots made good	Derived from plotted positions	N/A	N/A
Course	10's of degrees true made good	Derived from plotted positions	N/A	N/A
Height	Whole meters	Measured with steel Tape	N/A	N/A
Obs. Conditions	033 code	Observers opinion of all factors influencing observations - subjective	N/A	N/A
Transect Width	10's of meters	Estimated, based on periodic checks with a range finder.	N/A	N/A
Depth	meters	Fathometer and Charts	N/A	N/A
Surface Temp.	tenths of degrees centigrade .	Temp. gauge at ships intake	N/A	N/A
Sea State	WMO 3700 codes	Observation	N/A	N/A
Weather	WMO 4677 codes selected	Observation - see attached list of selected codes	N/A	N/A
Taxonomic Code	NODC Taxonomic codes	1977 version	N/A	N/A
Age	033 codes	Observation	N/A	N/A
Sex	033 Codes	Observation	N/A	N/A
Color Phase	033 Codes	Observation	N/A	N/A

C. DATA FORMAT

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

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

Type 1 = Location

Type 2 = Environment

Type 4 = Text

Type 5 = Data

These are differentiated by byte 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File organized by Station Number (Record Type 1, Bytes 11-13)

ATTRIBUTES AS EXPRESSED IN

☐ PL-1

☐ ALGOL

☐ COBOL

☐ FORTRAN

LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Robert L. Blanscett 907-276-3800

ADDRESS U.S.F.&W.S., OBS-CE, 1011 E. Tudor Rd. Anchorage, Alaska, 99503

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK</p> <p><input type="checkbox"/> OCTAL 17</p> <p><input type="checkbox"/> _____</p>
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER).</p> <p>OCSEAP - USFWS/OBSCE</p> <p>337 033 - FW6085</p> <p>NOAA RV Discoverer</p> <p>76/8/4 - 76/8/14 LENSINK</p> <p>9TRK, 800BPI, ODD, EBCDIC</p> <p>NON LABELED-IBM UTILITY B</p>
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>83</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Number	Number of individual organisms	Binoculars	N/A	N/A
Flight Direction	10's of degrees true	Observation	N/A	N/A
Linkage	033 codes	N/A	N/A	N/A
Behavior	Selected 033 codes	See attached list of Selected codes	N/A	N/A
Outside Zone	033 codes	N/A	N/A	N/A

C. DATA FORMAT

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

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

Record Type is coded in column 10 of each record as follows:

- 1 - Location
- 2 - Environment
- 3 - Ice Record
- 4 - Text Comments
- 5 - Data Observations

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File is organized by Station Number in Columns 11-15 of each record. Each Station contains one Type 1 card; one Type 2 card; zero to several Type 3 cards; and one to several Type 5 cards (one for each observation at that station).

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Data Projects Group (401)792-2320

ADDRESS 333 Pastore Hall, University of Rhode Island, Kingston, RI 02881

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> 1/2 inch
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 IBM 3420 <input checked="" type="checkbox"/> Tape Mark
7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) FW6085 on tape G03NDC with: FW5010 FW6086 FW5013 FW5021 FW6186 FW5023 → FW6085 FW6088 FW5024 FW6066
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES Lrecl=83 Blk size=4150 13. LENGTH OF BYTES IN BITS 8

DATA DOCUMENTATION FORM

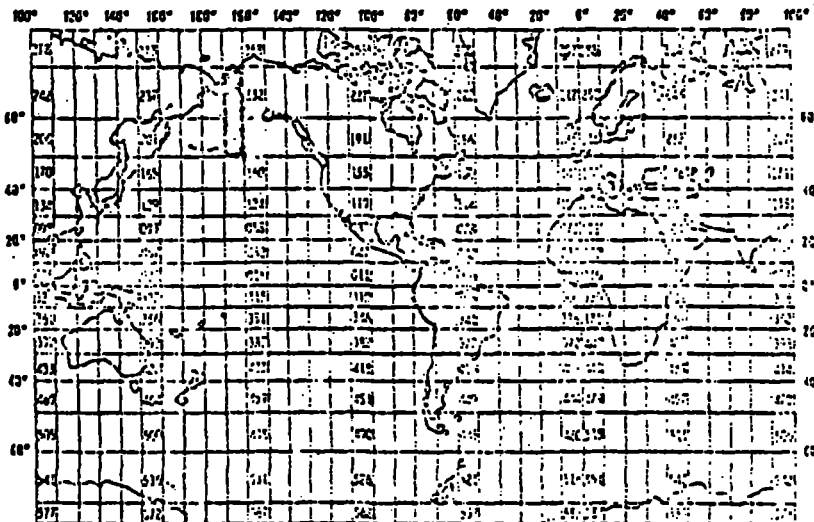
TR 3587

NOAA FORM 24-13
(4-72)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-K2651

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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 Dr. Calvin Lensink U.S. Fish and Wildlife Service - Office of Biological Services - Coastal Ecosystems 800 A Street Suite 110 Anchorage, Alaska 99501			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP RU-337		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT FW6086 <i>Field operation continued as FW6186, too many stations for 1 file</i>	
4. PLATFORM NAME(S) Grumann Goose	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Aircraft	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR FROM: NO, DAY, YR TO: NO, DAY, YR USA USA 08/17/76 08/27/76	
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) Dr. Calvin Lensink Mr. Craig Harrison (907) 265-5401			

C. DATA FORMAT

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

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

Type 1 = Location

Type 2 = Environmental

Type 4 = Text

Type 5 = Data

These are differentiated by byte 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File organized by Station Number (Record Type 1, Bytes 11-13)

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1☐ ALGOL☐ COBOL☐ FORTRAN

LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Robert L. Blanscett (907) 265-5401ADDRESS U.S.F.W.S., OBS-CE, 800 A St., Suite 110, Anchorage, Alaska 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS (DATE, TYPE, VOLUME NUMBER)) OCSEAP - USFWS/OBSCE 337 033 FW60 36 Grumann Goose Aerial Survey 76/08/17 - 76/08/27 LENSINK 9 TRK, 800 BPI, ODD, EBCDIC
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 83 13. LENGTH OF BYTES IN BITS 8

C. DATA FORMAT

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

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

Record Type is coded in column 10 of each record as follows:

- 1 - Location
- 2 - Environment
- 3 - Ice Record
- 4 - Text Comments
- 5 - Data Observations

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File is organized by Station Number in Columns 11-15 of each record. Each Station contains one Type 1 card; one Type 2 card; zero to several Type 3 cards; and one to several Type 5 cards (one for each observation at that station).

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Data Projects Group (401)792-2320

ADDRESS 333 Pastore Hall, University of Rhode Island, Kingston, RI 02881

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> 1/2 inch</p>												
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17</p> <p>IBM 3420 <input checked="" type="checkbox"/> Tape Mark</p>												
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>FW6086 on tape G03NDC with:</p> <table border="0"> <tr> <td>FW5010</td> <td>→ FW6086</td> <td>FW5013</td> </tr> <tr> <td>FW5021</td> <td>FW6186</td> <td>FW5023</td> </tr> <tr> <td>FW6085</td> <td>FW6088</td> <td>FW5024</td> </tr> <tr> <td></td> <td></td> <td>FW6066</td> </tr> </table>	FW5010	→ FW6086	FW5013	FW5021	FW6186	FW5023	FW6085	FW6088	FW5024			FW6066
FW5010	→ FW6086	FW5013											
FW5021	FW6186	FW5023											
FW6085	FW6088	FW5024											
		FW6066											
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" 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>Lrecl=83 Blk size=4150</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>												

DATA DOCUMENTATION FORM

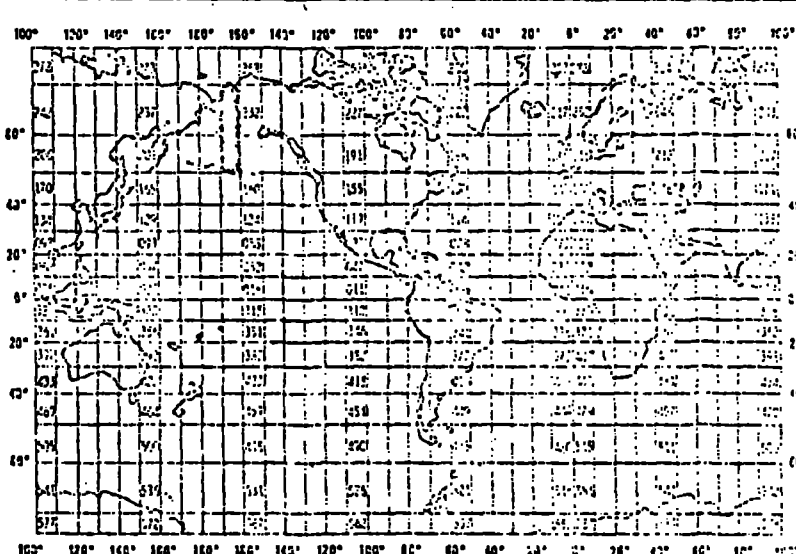
TR3588

NOAA FORM 24-13
(4-72)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-K2651

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 Dr. Calvin Lensink U.S. Fish and Wildlife Service - Office of Biological Services - Coastal Ecosystems 800 A Street Suite 110 Anchorage, Alaska 99501			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP RU-337		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <i>A continuation of Field FW6086 Operation FW6086, too FW6186 many stations for 1 file.</i>	
4. PLATFORM NAME(S) Grumann Goose	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Aircraft	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR USA USA	
		7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 08/17/76 08/27/76	
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) Dr. Calvin Lensink Mr. Craig Harrison (907) 265-5401			

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

Type 1 = Location

Type 2 = Environmental

Type 4 = Text

Type 5 = Data

These are differentiated by byte 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File organized by Station Number (Record Type 1, Bytes 11-13)

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1☐ ALGOL☐ COBOL☐ FORTRAN☐

LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Robert L. Blanscett (907) 265-5401

ADDRESS U.S.F.W.S., OBS-CE, 800 A St., Suite 110, Anchorage, Alaska 99501

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME, NUMBER) OCSEAP - USFWS/OBSCE 337 033 FW60 36 Grumann Goose Aerial Survey 76/08/17 - 76/08/27 LENSINK 9 TRK, 800 BPI, ODD, EBCDIC
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 83 13. LENGTH OF BYTES IN BITS 8

C. DATA FORMAT

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

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

Record Type is coded in column 10 of each record as follows:

- 1 - Location
- 2 - Environment
- 3 - Ice Record
- 4 - Text Comments
- 5 - Data Observations

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File is organized by Station Number in Columns 11-15 of each record. Each Station contains one Type 1 card; one Type 2 card; zero to several Type 3 cards; and one to several Type 5 cards (one for each observation at that station).

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Data Projects Group (401)792-2320

ADDRESS 333 Pastore Hall, University of Rhode Island, Kingston, RI 02881

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input checked="" type="checkbox"/> 1/2 inch</p>	
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>		<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17</p> <p>IBM 3420 <input checked="" type="checkbox"/> Tape Mark</p>	
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>		<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>FW6186 on tape G03NDC with:</p> <p>FW5010 FW6086 FW5013</p> <p>FW5021 → FW6186 FW5023</p> <p>FW6085 FW6088 FW5024</p> <p>FW6066</p>	
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" 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>Lrecl=83 Blk size=4150</p>	
		<p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>	

DATA DOCUMENTATION FORM

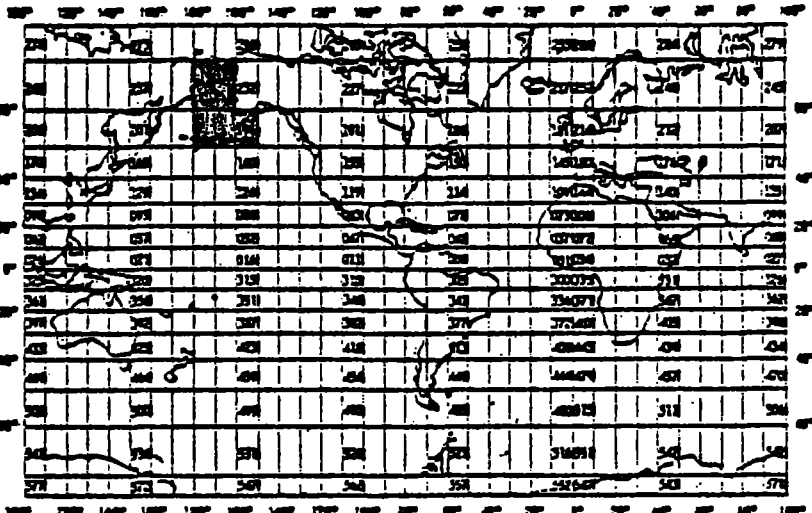
TR 3589

NOAA FORM 24-13
(4-73)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-R2651

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

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED Dr. Calvin Lensink U. S. Fish and Wildlife Service- Office of Biological Services-Coastal Ecosystems 1011 East Tudor Rd. Anchorage, Alaska, 99503			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP RU - 337		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT FW6088	
4. PLATFORM NAME(S) UH- RV MOANA WAVE	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR	7. DATES FROM: MO/DAY/YR TO: MO/DAY/YR 9-1-76 9-16-76
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) Dr. Calvin Lensink Dr. Patrick Gould (907) 276-3800			

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
Station Type	N/A	See Attached Codes	N/A	N/A
Start Latitude & Longitude	Degrees, Minutes, Seconds, Hemisph.	Combined Radar Fixes and Depth Charts	N/A	N/A
Date - Time	Year, Month, Day Hour, Minute	Always GMT	N/A	N/A
Elapsed Time	Minutes	N/A	N/A	N/A
Time Zone	International Standard	N/A	N/A	N/A
Speed	Knots made good	Derived from plotted positions	N/A	N/A
Course	10's of degrees true made good	Derived from plotted positions	N/A	N/A
Height	Whole meters	Measured with steel Tape	N/A	N/A
Obs. Conditions	033 code	Observers opinion of all factors influencing observations - subjective	N/A	N/A
Transect Width	10's of meters	Estimated, based on periodic checks with a range finder.	N/A	N/A
Depth	meters	Fathometer and Charts	N/A	N/A
Surface Temp.	tenths of degrees centigrade .	Temp. gauge at ships intake	N/A	N/A
Sea State	WMO 3700 codes	Observation	N/A	N/A
Weather	WMO 4677 codes selected	Observation - see attached list of selected codes	N/A	N/A
Taxonomic Code	NOEC Taxonomic codes	1977 version	N/A	N/A
Age	033 codes	Observation	N/A	N/A
Sex	033 Codes	Observation	N/A	N/A
Color Phase	033 Codes	Observation	N/A	N/A

C. DATA FORMAT

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

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

Type 1 = Location

Type 2 = Environment

Type 4 = Text

Type 5 = Data

These are differentiated by byte 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File organized by Station Number (Record Type 1, Bytes 11-13)

3. ATTRIBUTES AS EXPRESSED IN

☐ PL-1

☐ ALGOL

☐ COBOL

☐ FORTRAN

LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Robert L. Blanscett 907-276-3800

ADDRESS U.S.F.&W.S., OBS-CE, 1011 E. Tudor Rd. Anchorage, Alaska, 99503

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input checked="" 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) OCSEAP - USFWS/OBSCE 337 033 - FW6088 UH Moana Wave 76/9/1 - 76/9/16 LENSINK 9TRK, 800BPI, ODD, EBCDIC NON LABELED-IBM UTILITY B
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 336 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 83 13. LENGTH OF BYTES IN BITS 8

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
Number	Number of individual organisms	Binoculars	N/A	N/A
Flight Direction	10's of degrees true	Observation	N/A	N/A
Linkage	033 codes	N/A	N/A	N/A
Behavior	Selected 033 codes	See attached list of Selected codes	N/A	N/A
Outside Zone	033 codes	N/A	N/A	N/A

C. DATA FORMAT

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

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

Record Type is coded in column 10 of each record as follows:

- 1 - Location
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- 5 - Data Observations

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File is organized by Station Number in Columns 11-15 of each record. Each Station contains one Type 1 card; one Type 2 card; zero to several Type 3 cards; and one to several Type 5 cards (one for each observation at that station).

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Data Projects Group (401)792-2320

ADDRESS 333 Pastore Hall, University of Rhode Island, Kingston, RI 02881

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> 1/2 inch</p>												
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17</p> <p>IBM 3420 <input checked="" type="checkbox"/> Tape Mark</p>												
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>FW6088 on tape G03NDC with:</p> <table border="0"> <tr> <td>FW5010</td> <td>FW6086</td> <td>FW5013</td> </tr> <tr> <td>FW5021</td> <td>FW6186</td> <td>FW5023</td> </tr> <tr> <td>FW6085</td> <td>→ FW6088</td> <td>FW5024</td> </tr> <tr> <td></td> <td></td> <td>FW6066</td> </tr> </table>	FW5010	FW6086	FW5013	FW5021	FW6186	FW5023	FW6085	→ FW6088	FW5024			FW6066
FW5010	FW6086	FW5013											
FW5021	FW6186	FW5023											
FW6085	→ FW6088	FW5024											
		FW6066											
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" 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>Lrecl=83 Blk size=4150</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>												

DATA DOCUMENTATION FORM

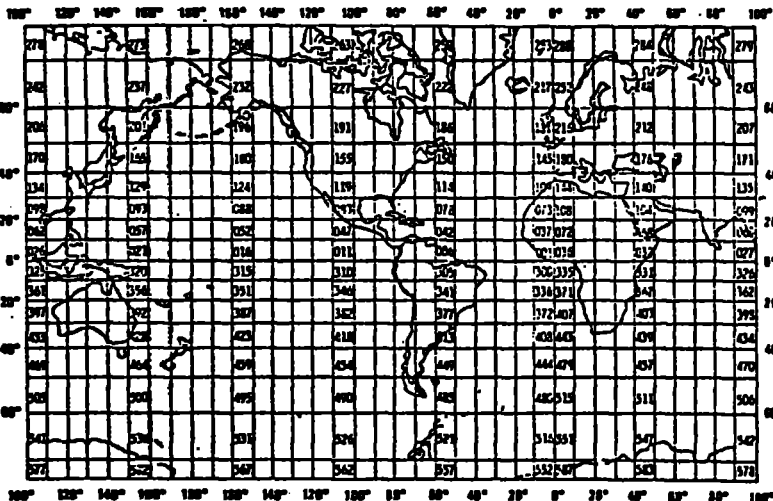
TR3590

NOAA FORM 24-13
(4-72)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-R2651

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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			
U.S. Fish & Wildlife Service Office of Biological Services 800 A Street, Suite 110 Anchorage, Alaska 99501			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
R.U. 337		FW5013	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
Glacier	Ship	PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
		U.S. U.S.	7/16/75 7/29/75
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)			

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

Location Record	"1" in Column 15
Environment Record	"2" in Column 15
Ice Record	"3" in Column 15 (optional record)
Comment Record	"4" in Column 15
Activity Record	"5" in Column 15

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The file is organized in Station number order with record types sequentially ordered within each Station. When multiple records exist for one record type, they are sequentially ordered by sequence number.

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Susan C. Bates
ADDRESS same as above

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p>		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p>																									
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p>		<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL '17</p>																									
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>		<p>11. PASTE-ON-PART (INCLUDE ORIGINALS)</p> <p><i>U.S. Fish & Wildlife Service</i></p>																									
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p>		<table border="1"> <tr> <td>FILE NO.</td> <td colspan="3">TITLE</td> </tr> <tr> <td><i>FW5028</i></td> <td colspan="3"><i>Henderson Cruise 10/8/75-10/16/75</i></td> </tr> <tr> <td>CREATION DATE</td> <td>REEL</td> <td>OF</td> <td>DRIVE</td> </tr> <tr> <td><i>6/15/76</i></td> <td><i>1</i></td> <td><i>1</i></td> <td><i>1</i></td> </tr> <tr> <td>RETENTION</td> <td colspan="3">REMARKS</td> </tr> <tr> <td></td> <td colspan="3"><i>S. Bates</i></td> </tr> </table>		FILE NO.	TITLE			<i>FW5028</i>	<i>Henderson Cruise 10/8/75-10/16/75</i>			CREATION DATE	REEL	OF	DRIVE	<i>6/15/76</i>	<i>1</i>	<i>1</i>	<i>1</i>	RETENTION	REMARKS				<i>S. Bates</i>		
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		<p>13. LENGTH OF BYTES IN BITS</p>																									

C. DATA FORMAT

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

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GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Data Projects Group (401)792-2320

ADDRESS 333 Pastore Hall, University of Rhode Island, Kingston, RI 02881

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input checked="" type="checkbox"/> 1/2 inch</p>												
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<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>FW5013 on tape G03NDC with:</p> <table border="0"> <tr> <td>FW5010</td> <td>FW6086</td> <td>→ FW5013</td> </tr> <tr> <td>FW5021</td> <td>FW6186</td> <td>FW5013</td> </tr> <tr> <td>FW6085</td> <td>FW6088</td> <td>FW5014</td> </tr> <tr> <td></td> <td></td> <td>FW6066</td> </tr> </table>	FW5010	FW6086	→ FW5013	FW5021	FW6186	FW5013	FW6085	FW6088	FW5014			FW6066
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FW6085	FW6088	FW5014											
		FW6066											
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 SPI <input checked="" type="checkbox"/> 1600 SPI</p> <p><input type="checkbox"/> 556 SPI</p> <p><input type="checkbox"/> 800 SPI</p> <p><input type="checkbox"/> _____</p>	<p>12. PHYSICAL BLOCK LENGTH IN BYTES</p> <p>lrecl=83 Blk size=4150</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>												

ACCESSION
NUMBER

78-0821

DATA DOCUMENTATION FORM

TR3591

NOAA FORM 24-13
(4-72)

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

FORM APPROVED
O.M.B. No. 41-R2631

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			
U.S. Fish & Wildlife Service Office of Biological Services 800 A Street, Suite 110 Anchorage, Alaska 99501			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
N.O.A.A. cruise		FW5023	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
Discoverer	Ship	PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
		U.S. U.S.	9/13/75 10/2/75
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 (ONPI)? (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)			

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

Location Record "1" in Column 15
Environment Record "2" in Column 15
Ice Record "3" in Column 15 (optional record)
Comment Record "4" in Column 15
Activity Record "5" in Column 15

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The file is organized in Station number order with record types sequentially ordered within each Station. When multiple records exist for one record type, they are sequentially ordered by sequence number.

ATTRIBUTES AS EXPRESSED IN

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Susan C. Bates
ADDRESS same as above

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p>		<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p>																					
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p>		<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL '17</p>																					
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<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI</p> <p><input type="checkbox"/> 556 BPI</p> <p><input checked="" type="checkbox"/> 800 BPI</p>		<table border="1"> <tr> <td>FILE NO.</td> <td colspan="3">TITLE</td> </tr> <tr> <td><i>FW5028</i></td> <td colspan="3"><i>Henderson Cruise 10/8/75-10/14/75</i></td> </tr> <tr> <td>CREATION DATE</td> <td>REEL</td> <td>OF</td> <td>DRIVE</td> </tr> <tr> <td><i>6/15/76</i></td> <td><i>1</i></td> <td><i>1</i></td> <td><i>5 Bates</i></td> </tr> <tr> <td>RETENTION</td> <td colspan="3">REMARKS</td> </tr> </table>		FILE NO.	TITLE			<i>FW5028</i>	<i>Henderson Cruise 10/8/75-10/14/75</i>			CREATION DATE	REEL	OF	DRIVE	<i>6/15/76</i>	<i>1</i>	<i>1</i>	<i>5 Bates</i>	RETENTION	REMARKS		
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		<p>13. LENGTH OF BYTES IN BITS</p>																					

C. DATA FORMAT

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

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

Record Type is coded in column 10 of each record as follows:

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Data Projects Group (401)792-2320

ADDRESS 333 Pastore Hall, University of Rhode Island, Kingston, RI 02881

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input checked="" type="checkbox"/> 1/2 inch</p>												
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FW6085	FW6088	FW5024											
		FW6066											
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" 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>Lrecl=83 Blk size=4150</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>												

DATA DOCUMENTATION FORM

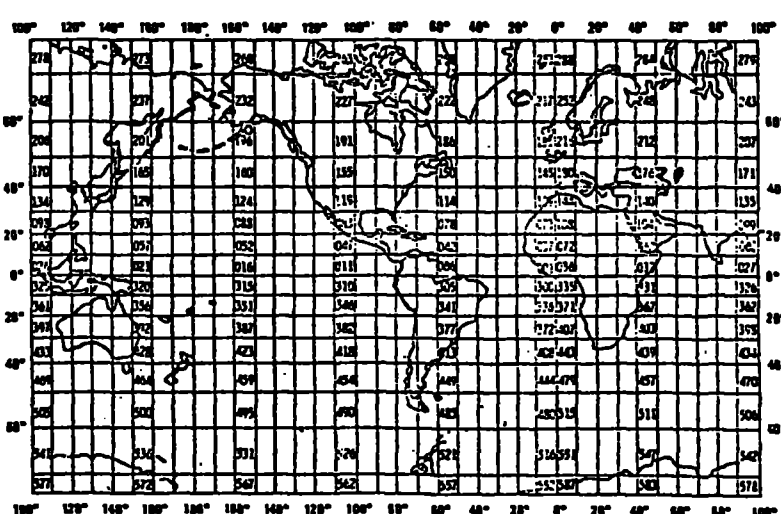
TR3592

NOAA FORM 24-13
(4-72)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-R2651

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2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
N.O.A.A. Cruise		FW5024	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
Surveyor	Ship	PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
		U.S. U.S.	9/16/75 9/22/75
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	
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4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Susan C. Bates
 ADDRESS same as above

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____		9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____													
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		13. LENGTH OF BYTES IN BITS													

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☐ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Data Projects Group (401)792-2320

ADDRESS 333 Pastore Hall, University of Rhode Island, Kingston, RI 02881

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input checked="" type="checkbox"/> 1/2 inch</p>												
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<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" 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>Lrec1=83 Blk size=4150</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>												

DATA DOCUMENTATION FORM

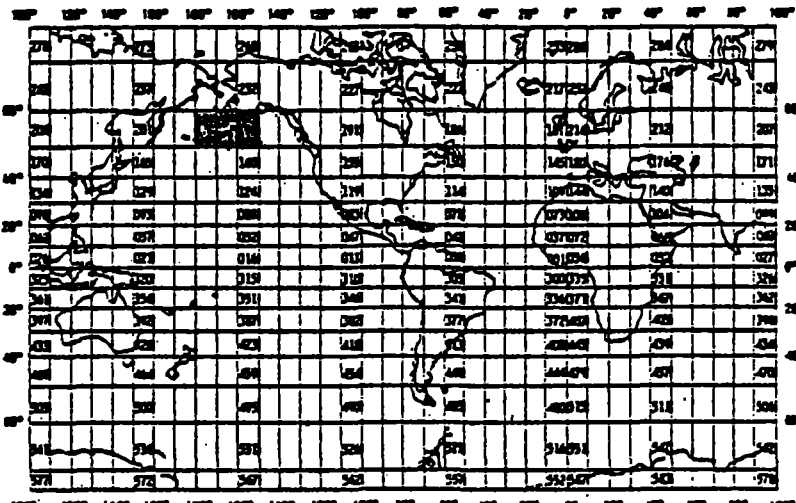
TR3593

NOAA FORM 24-13
(4-73)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20882FORM APPROVED
O.M.B. No. 41-R2651

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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 Dr. Calvin Lensink U. S. Fish and Wildlife Service- Office of Biological Services-Coastal Ecosystems 1011 East Tudor Rd. Anchorage, Alaska, 99503											
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP RU - 337		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT FW 60660									
4. PLATFORM NAME(S) UH R/V MOANA WAVE	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th></tr></thead><tbody><tr><td>USA</td><td>USA</td></tr></tbody></table>	PLATFORM	OPERATOR	USA	USA	7. DATES <table border="1"><thead><tr><th>FROM: MO/DAY/YR</th><th>TO: MO/DAY/YR</th></tr></thead><tbody><tr><td>5-26-76</td><td>6/5/76</td></tr></tbody></table>	FROM: MO/DAY/YR	TO: MO/DAY/YR	5-26-76	6/5/76
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5-26-76	6/5/76										
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) Dr. Calvin Lensink Dr. Patrick Gould (907) 276-3800									

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
Station Type	N/A	See Attached Codes	N/A	N/A
Start Latitude & Longitude	Degrees, Minutes, Seconds, Hemisph.	Combined Radar Fixes and Depth Charts	N/A	N/A
Date - Time	Year, Month, Day Hour, Minute	Always GMT	N/A	N/A
Elapsed Time	Minutes	N/A	N/A	N/A
Time Zone	International Standard	N/A	N/A	N/A
Speed	Knots made good	Derived from plotted positions	N/A	N/A
Course	10's of degrees true made good	Derived from plotted positions	N/A	N/A
Height	Whole meters	Measured with steel Tape	N/A	N/A
Obs. Conditions	033 code	Observers opinion of all factors influencing observations - subjective	N/A	N/A
Transect Width	10's of meters	Estimated, based on periodic checks with a range finder.	N/A	N/A
Depth	meters	Fathometer and Charts	N/A	N/A
Surface Temp.	tenths of degrees centigrade.	Temp. gauge at ships intake	N/A	N/A
Sea State	WMO 3700 codes	Observation	N/A	N/A
Weather	WMO 4677 codes selected	Observation - see attached list of selected codes	N/A	N/A
Taxonomic Code	NODC Taxonomic codes	1977 version	N/A	N/A
Age	033 codes	Observation	N/A	N/A
Sex	033 Codes	Observation	N/A	N/A
Color Phase	033 Codes	Observation	N/A	N/A

C. DATA FORMAT

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

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

Type 1 = Location

Type 2 = Environment

Type 4 = Text

Type 5 = Data

These are differentiated by byte 10

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File organized by Station Number (Record Type 1, Bytes 11-13)

ATTRIBUTES AS EXPRESSED IN

☐ PL-I

☐ ALGOL

☐ COBOL

☐ FORTRAN

☐

LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Robert L. Blanscett 907-276-3800

ADDRESS U.S.F.&W.S., OBS-CE, 1011 E. Tudor Rd. Anchorage, Alaska, 99503

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input checked="" 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) OCSEAP - USFWS/OBSCE 337 033 - FW6066 UH RV Moana Wave 76/5/26 - 76/6/5 LENSINK 9TRK, 800BPI, ODD, EBCDIC NON LABELED-IBM UTILITY B
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 356 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 83 13. LENGTH OF BYTES IN BITS 8

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
Number	Number of individual organisms	Binoculars	N/A	N/A
Flight Direction	10's of degrees true	Observation	N/A	N/A
Linkage	033 codes	N/A	N/A	N/A
Behavior	Selected 033 codes	See attached list of Selected codes	N/A	N/A
Outside Zone	033 codes	N/A	N/A	N/A

C. DATA FORMAT

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

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

Record Type is coded in column 10 of each record as follows:

- 1 - Location
- 2 - Environment
- 3 - Ice Record
- 4 - Text Comments
- 5 - Data Observations

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

File is organized by Station Number in Columns 11-15 of each record. Each Station contains one Type 1 card; one Type 2 card; zero to several Type 3 cards; and one to several Type 5 cards (one for each observation at that station).

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Data Projects Group (401)792-2320

ADDRESS 333 Pastore Hall, University of Rhode Island, Kingston, RI 02881

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<p>5. RECORDING MODE</p> <p><input type="checkbox"/> BCD <input type="checkbox"/> BINARY</p> <p><input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input checked="" type="checkbox"/> 1/2 inch</p>												
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <input type="checkbox"/> OCTAL 17</p> <p>IBM 3420 <input checked="" type="checkbox"/> Tape Mark</p>												
<p>7. PARITY</p> <p><input checked="" type="checkbox"/> ODD</p> <p><input type="checkbox"/> EVEN</p>	<p>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</p> <p>FW6066 on tape G03 NDC with:</p> <table border="0"> <tr> <td>FW5010</td> <td>FW6086</td> <td>FW5013</td> </tr> <tr> <td>FW5021</td> <td>FW6186</td> <td>FW5023</td> </tr> <tr> <td>FW6085</td> <td>FW6088</td> <td>FW5024</td> </tr> <tr> <td></td> <td></td> <td>FW6066</td> </tr> </table>	FW5010	FW6086	FW5013	FW5021	FW6186	FW5023	FW6085	FW6088	FW5024			FW6066
FW5010	FW6086	FW5013											
FW5021	FW6186	FW5023											
FW6085	FW6088	FW5024											
		FW6066											
<p>8. DENSITY</p> <p><input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI</p> <p><input checked="" 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>Lrcl=83 Blk size=4150</p> <p>13. LENGTH OF BYTES IN BITS</p> <p>8</p>												

```

d
d
d
dddd
d d
d d
ddd

```

```

PPP
P P
P P
PPPP
P
P
P

```

```

SSS
S S
S S
SSSS
S
S S
SSS

```

TAPE SPECIFICATION FORM

DATA PROJECTS GROUP
333 Pastore Hall
University of R.I.
Kingston, RI 02881

Tape Identification -- G03NDC

Recording Specifications --

Tracks: 1600 9	Tape Files: 1
Density: 1600 BPI	Record Format: FB
Parity: ODD	Record Length: 83
Mode: EBCDIC	Block Size: 3735
Label: non-labelled	

Data Specifications--

Received From: Dr. Calvin Lensink

Coding Format: NODC

Data Set Names:

File#	Name	File#	Name
-------	------	-------	------

1. Field Operations concatenated
in following order:

FW5010 ✓	FW6086 ✓	FW5013 ✓
FW5021 ✓	FW6186 ✓	FW5023 ✓
FW6085 ✓	FW6088 ✓	FW5024 ✓
		FW6066 ✓

UMSL SYSTEMS SUPPORT UTILITIES - NCN-STANDARD LABEL TAPE MAP

VOLUME=SER=NLTP9

DATE 78.314 TIME 14.21.25

01 RECFM=F LRECL= ? BLKSIZE 3735 DEN=3
DATA SET CONTAINS 417 BLCKS

END OF UTILITY - TAPE IS MAPPED

```

d
d
d
dddd   ppp   sss
d   d   p   p   s   s
d   d   p   p   s   s
ddd   pppp   sssss
      p       s
      p       s
      p       sss

```

```

DATA PROJECTS GROUP
333 Pastore Hall
University of R.I.
Kingston, RI 02881

```

This Data Documentation Form (DDF) is composed of two parts. The first contains tape specifications and record format descriptions provided by the originator cited in Section A.1. The data have subsequently been validated by the Data Projects Group. Range and relational checks, code group checks, plus relocation of fields, unit conversions, and final tape recording techniques used in this process are given in the second part. Resolution of data errors found during this process has been made through contact with the originator.

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 78-0821

TR 3584-93

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	013486	NL	83	3735	FB	
DUPLICATE	013486	NL	83	4565	FB	
REFORMATTED						
FIRST USER	018892	SL	83	4150	FB	9TK
FINAL USER	018899	SL	83	4150	FB	9TK

Error Correction Documentation Form

RW 337
NO

DATE: 12/1/78

TO:

FROM: D781 JMS

SUBJECT: Error Correction in Processing of Data Set - Accession # 78-0821

- 1) File Type: 033
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: TR3584 - 3593

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

tax changes made.

3584
3585
3586
3587
3588
3589
3590
3591
3592
3593

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: _____

RECORD NAME

78-0821

OCSEAP

FILE 33

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH NUMBER UNITS	17. ATTRIBUTES	18. USE AND MEANING
TR3584-3593 TAX CODES <u>NOT</u> CHANGED: KNOWN: 8810030105 TR35875 21329 8810100303 TR35895 29769 881010110102 TR35895 10569 881010110202 TR35895 10598 8912010903 TR35905 11169 ✓ 8913050106 TR35925 04263				(1) SORTED by TRACK, STATION, RECORD TYPE. (2) 8810800301 to 8810080301 TR 35875 03929 8803040207 to 8803020407 TR 3591 508569 (8x in this station) (3) TR3585 STATION 17269 DATE CHANGED. 751022 to 750922.

~~TAX CODES~~
~~CHANGED~~
~~RECORDS~~
~~TO~~
~~CHANGED~~

Error Correction Documentation Form

DATE: 12/1/78

TO:

FROM: D781 JCS

SUBJECT: Error Correction in Processing of Data Set - Accession # 78-0821

- 1) File Type: 033
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: TR3584 - 3593

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: _____

RECORD FORMAT DESCRIPTION

RECORD NAME

78-0821

OCSEAP

FILE 33

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH NUMBER UNITS		17. ATTRIBUTES	18. USE AND MEANING
<p>TR 3584-3593</p> <p>TAX CODES <u>NOT</u> CHANGED:</p> <p>8810030105 TR 35875 21329</p> <p>8810100303 TR 35895 29769</p> <p>881010110102 TR 35895 10569</p> <p>881010110202 TR 35895 10598</p> <p>8912010903 TR 35905 11169</p> <p>8913050106 TR 35925 04263</p>					<p>(1) SORTED by TRACK, STATION, RECORD TYPE.</p> <p>(2) 8810800301 to 8810080301 TR 35875 03929</p> <p>8803040207 to 8803020407 TR 3591 508569.</p> <p>(8x in this station)</p> <p>(3) TR 3585 STATION 17269 DATE CHANGED.</p> <p>751022 to 750922.</p>

Elaine

d
d
d
dddd ppp sss
d d p p s s
d d p p s s
ddd pppp sssss
p s
p s s
p sss

DATA PROJECTS GROUP
333 Pastore Hall
University of R.I.
Kingston, RI 02881
(401) 792-2320

MAY 1 1979

April 23, 1979

Mr. John J. Audet
NOAA/OCSEAP Data Coordinator
NODC Pase Building 1
2001 Wisconsin Avenue
Washington, DC 20235

Dear Jim:

78-0821

Here are the corrections to the field operation I mentioned over the telephone yesterday. It is cruise FW6066 from Dr. Calvin Lensink, your track number T3593.

The corrections are to the last two digits of the station Number (cols. 14-15 on all record types) and the Transect Width (cols. 81-83 on record type 1) as follows:

Current Station	New Station	Transect Width
...71	...69	030
...78	...68	030

Except Station

00878	00861	blank
-------	-------	-------

I am sorry about the mistake and hope this is not too much of a problem for you.

Sincerely,

Steffanie J. Windus
Steffanie Windus

Wait for tax. solutions

Corrections Made to OCSEAP Data, File Type 033,
Subsequent to Submission to NODC
Reported Jun, 1979

Data from RU#337

Processed by RU#527

NODC Track Number TR3590

Original File ID FW5013

STATION NUMBER	CARD TYPE	SEQUENCE NUMBER	FIELD ABBR	COLUMNS	FROM	TO
11169	5	027	TAX	18-29	891201903	8912010903

Corrections Made to OCSEAP Data, File Type 033,
Subsequent to Submission to NODC
Reported Jun, 1979

78-0821

Data from RU#337

Processed by RU#527

NODC Track Number TR3592

Original File ID FW5024

STATION NUMBER	CARD TYPE	SEQUENCE NUMBER	FIELD ABBR	COLUMNS	FROM	TO
04263	5	028	TAX	18-29	8913050106	9221030107

Corrections Made to OCSEAP Data, File Type 033,
Subsequent to Submission to NODC
Reported Jun, 1979

Data from RU#337

Processed by RU#527

NODC Track Number TR3587

Original File ID FW6086

STATION NUMBER	CARD TYPE	SEQUENCE NUMBER	FIELD ABBR.	COLUMNS	FROM	TO
21329	5	002	TAX	18-29	8810030105	8810080105

Corrections Made to OCSEAP Data, File Type 033,
Subsequent to Submission to NODC
Reported Jun, 1979

78-0821

Data from RU#337

Processed by RU#527

NODC Track Number TR3589

Original File ID FW6088

STATION NUMBER	CARD TYPE	SEQUENCE NUMBER	FIELD ABBR	COLUMNS	FROM	TO
29769	5	006	TAX	18-29	8810100303	88101003
29769	5	007	TAX	18-29	8810100303	88101003
10569	5	004	TAX	18-29	881010110202	8810101102
10569	5	006	TAX	18-29	881010110102	8810101102

Data Set Route Sheet

Accession #

78-0821

Step	Completion Date/Init.	Tape #, # of Files	BLKSIZE,	LRECL
1. Originator Tape #	781115	800 G03N10	10 3735	83
2. Duplicate Tape #	781117	800 013486	10 4565	83
3. DDF Evaluation				
4. Quality Review				
5. Preliminary Data Sort				
6. Preliminary Check				
7. First User Tape #		8892	4150	83
8. Final User Tape #		10899	↓	
9. Final Check				
10. NAPIS Inventory				
11. DIP Inventory				
12. Data Set 'Finalized'				

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7800821	F101	TR3594	0081	3109	32FS	1978/07/20	4	308169
7800821	F033	TR3585	0081	31V5	31BI	1975/09/01	FW5021	308160
7800821	F033	TR3586	0081	31V5	31DS	1976/08/04	FW6085	308161
7800821	F033	TR3587	0081	31V5	3191	1976/08/17	FW6086	308162
7800821	F033	TR3588	0081	31V5	3191	1976/08/19	FW6186	308163
7800821	F033	TR3589	0081	31V5	32MW	1976/09/01	FW6088	308164
7800821	F033	TR3590	0081	31V5	31GL	1975/07/16	FW5013	308165
7800821	F033	TR3591	0081	31V5	31DS	1975/09/13	FW5023	308166
7800821	F033	TR3592	0081	31V5	31SU	1975/09/16	FW5024	308167
7800821	F033	TR3593	0081	31V5	32MW	1976/05/26	FW6066	308168
7800821	F033	TR3584	0081	31V5	3191	1975/07/02	FW5010	308159

(11 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7800821	F101	TR3594	32FS	1	357	78/07/20	78/09/01
7800821	F033	TR3585	31BI	198	2655	75/09/01	75/09/30
7800821	F033	TR3586	31DS	60	372	76/08/04	76/08/14
7800821	F033	TR3587	3191	999	4239	76/08/17	76/08/28
7800821	F033	TR3588	3191	61	252	76/08/19	76/08/28
7800821	F033	TR3589	32MW	184	2847	76/09/01	76/09/17
7800821	F033	TR3590	31GL	174	2997	75/07/16	75/07/29
7800821	F033	TR3591	31DS	111	2498	75/09/13	75/10/03
7800821	F033	TR3592	31SU	52	1160	75/09/16	75/09/22
7800821	F033	TR3593	32MW	48	309	76/05/26	76/06/05
7800821	F033	TR3584	3191	255	1434	75/07/02	75/07/04

(11 rows affected)

DATA DOCUMENTATION FORM

TR3594

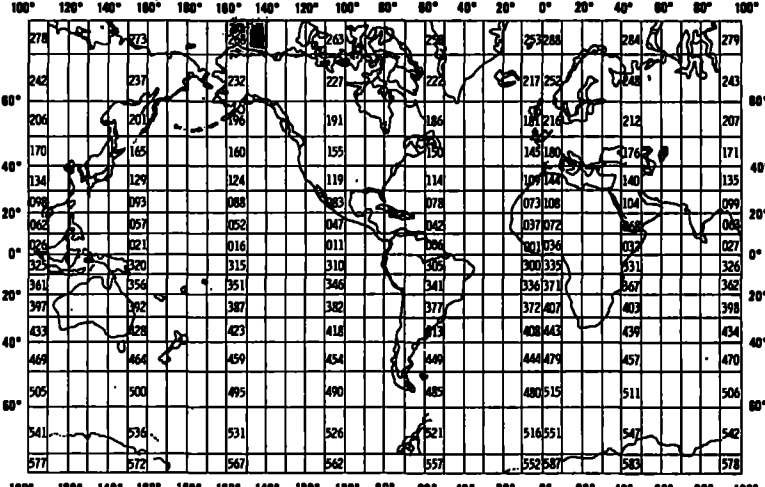
NOAA FORM 24-13
(4-72)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-R2651

F101

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 DR. ERIC LEVITT POLAR SCIENCE CENTER UNIVERSITY OF WASHINGTON 4057 ROOSEVELT WAY NE SEATTLE, WA 98105			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP-RU 519		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT. FILE ID = 4 SUMMER 1978	
4. PLATFORM NAME(S) BEAUFORT SEA COAST	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) FIXED COASTAL STATION	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR US US	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 7/20/78 9/2/78
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. 267, 268 GENERAL AREA	
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)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) ROGER ANDERSEN 206-543-6613			

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	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	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	φ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

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

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
WIND SPEED DIRECTION TEMPERATURE	METERS/SEC DEGREES TRUE DEGREES C	MRI MECHANICAL WEATHER STATIONS MODEL 1071	N/A	N/A
PRESSURE	MILLIBARS	WEATHER MEASURE MICROBAROGRAPHS MODEL 8211 CALIBRATED WITH N $\frac{1}{2}$ DIGITAL ANEROID BAROMETERS	N/A	N/A

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING

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.

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

RECORD TYPES '1', '2', & '3' WERE USED IN
OCSEAP FORMAT 101.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

DATA ARE SEQUENCED SAME AS FORMAT RECORD.
TYPE 1, 2, 3. BLANK FIELDS SIGNIFY NO DATA COLLECTED.
ONE FILE
FILE ID = 4 SUMMER 1978

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER ROGER ANDERSEN
ADDRESS SEE ABOVE

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 checked="" type="checkbox"/> PUNCHED CARDS		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) OCSEAP 5L9 101 4 BEAUFORT SEA COAST 1978 20 JULY-2 SEPT 1978 LEAVITT, E. BOX 1 OF 1
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 _____

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

RECORD FORMAT DESCRIPTION

RECORD NAME

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

RECORD NAME

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

RECORD FORMAT DESCRIPTION

RECORD NAME.

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

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 ("✓") 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.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	
MRI WEATHER STATION 1071	1976							✓	
WEATHER MEASURE MICRO BAROGRAPH 8211	1977					✓			

Error Correction Documentation Form

DATE: 3/16/79

TO:

FROM: D781

SUBJECT: Error Correction in Processing of Data Set - Accession # 78-0831

- 1) File Type: 101
- 2) Project Ident.: OCSEAP
- 3) Track Nos.: TR 3594

I. Error Corrections as reported to Principal Investigator:

Error

Correction Completed (Check)

II. Additional error corrections:

Error

Correction Completed (Check)

III. Processor Name: Cliff Hartley

Data Set Route Sheet

Accession # **78-0831**

Step	Completion Date/Init.	Tape #,	# of Files	BLKSIZE,	LRECL
Originator Tape #	3-1-79	800 PSC101	1	4800	80
QUAD I Duplicate Tape #	3-5-79	800 001803	1	4800	80
Reformatted Tape	3-23-79	5M 002050	1	4800	60
DDF Evaluation	3-7-83	2007			
Outdisk Review					
to disk Preliminary Data Sort	07/11/83	CMH			
Preliminary Check	07/12/83	CMH			
First User Tape #					
Final User Tape #					
Final Check	07/18/83	CMH			
Edited Data set 10. MPIS Inventory	07/19/83	CMH			
11. DIP Inventory					
12. Data Set 'Finalized'					

DNODC * MPD75. T3594/F101

#records
1940

Corrections 7800831 TR3594
8300051 TT0467-TT0471

- ① All of
1 Original data was given TRACK#
3594.

Corrections:

Records 1 - 357	TR3594
Records 358 - 687	TT0467
Records 688 - 1025	TT0468
Records 1026 - 1363	TT0469
Records 1364 - 1575	TT0470
Records 1576 - 1940	TT0471

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 78-0831

TYPE OF TAPE	TAPE NUMBER	LABEL	LRECL	BLKSIZE	RECFM	REMARKS
ORIGINATOR	PSC101	NL	80	4800	FB	
DUPLICATE	001803	NL	80	4800	FB	
REFORMATTED	002050	NL	60	4800	FB	<u>D752</u>
FIRST USER	000397					
FINAL USER						
Final Data Set	DNODC *MPD75.T3594/F101				Ascii	

T-CD [NA]

N.O.D.C. -- NAPIS RECORD

NAP 120703
HALMINSKI

ACCESSION NO [830057]

5/4/83

DATE RECEIVED: YR [78] MO [11] DAY [15]

NAP 121418

PUB-NO []

T-CD []

N.O.D.C. -- TRACK RECORD

ACCESSION NO [] REFERENCE NO [T0467] DNP (Y/N) [] N

COUNTRY CODE [31] COUNTRY [USA]

INST. CODE [09] WA UNIV OF WASHINGTON (SEATTLE)

[]

FILE-ALIAS [F101] FILE-NAME [WIND DATA]

PROJ-CODE [0081] PROJ-NAME [OCSEAP]

MEDIUM: CODE [09] VALUE [MAG TAPE]

PLATFORM:

TYPE CODE [04] TYPE [FIXED STATION]

PLAT CODE [3199] NAME []

CRUISE NO [SUMMER78] CRUISE-START [780723] CRUISE-END [780902]

RCOUNT [0328] STATIONS-IN [001] STATIONS-OUT []

STATUS RESUB [] SU [] SP [] QUADI []
DATES: PROCESS [] DIP [] MFUPDT [] RETCOR []

DATA-TRACK: RU [519] FILE-ID [-4A] LEASE []

T-CD []

N.O.D.C. -- TRACK RECORD

ACCESSION NO [] REFERENCE NO [T0468] DNP (Y/N) [N]

COUNTRY CODE [31] COUNTRY []

INST. CODE [09]

[]

FILE-ALIAS [F101] FILE-NAME []

PROJ-CODE [0081] PROJ-NAME []

MEDIUM: CODE [09] VALUE []

PLATFORM:

TYPE CODE [04] TYPE []

PLAT CODE [3199] NAME []

CRUISE NO [SUMMER78] CRUISE-START [780722] CRUISE-END [780902]

RCOUNT [0336] STATIONS-IN [001] STATIONS-OUT []

STATUS RESUB [] SU [] SP [] QUADI []
DATES: PROCESS [] DIP [] MFUPDT [] RETCOR []

DATA-TRACK: RU [519] FILE-ID [-4B] LEASE []

T-CD []

N.O.D.C. -- NAPIS RECORD

ACCESSION NO []

DATE RECEIVED: YR [] MO [] DAY []

PUB-NO []

T-CD []

N.O.D.C. -- TRACK RECORD

ACCESSION NO [] REFERENCE NO [TT0469] DNP (Y/N) [N]

COUNTRY CODE [3/] COUNTRY []

INST. CODE [09]

[]

FILE-ALIAS [F101] FILE-NAME []

PROJ-CODE [0081] PROJ-NAME []

MEDIUM: CODE [09] VALUE []

PLATFORM:

TYPE CODE [01] TYPE []

PLAT CODE [3199] NAME []

CRUISE NO [SUMMER78] CRUISE-START [780721] CRUISE-END [780901]

RCOUNT [0336] STATIONS-IN [001] STATIONS-OUT []

STATUS RESUB [] SU [] SP [] QUADI []

DATES: PROCESS [] DIP [] MFUPDT [] RETCOR []

DATA-TRACK: RU [519] FILE-ID [---40] LEASE []

T-CD []

N.O.D.C. -- TRACK RECORD

ACCESSION NO [] REFERENCE NO [TT0470] DNP (Y/N) []

COUNTRY CODE [3/] COUNTRY []

INST. CODE [09]

[]

FILE-ALIAS [F101] FILE-NAME []

PROJ-CODE [0081] PROJ-NAME []

MEDIUM: CODE [09] VALUE []

PLATFORM:

TYPE CODE [04] TYPE []

PLAT CODE [3199] NAME []

CRUISE NO [SUMMER78] CRUISE-START [780721] CRUISE-END [780902]

RCOUNT [0210] STATIONS-IN [001] STATIONS-OUT []

STATUS RESUB [] SU [] SP [] QUADI []

DATES: PROCESS [] DIP [] MFUPDT [] RETCOR []

DATA-TRACK: RU [519] FILE-ID [---40] LEASE []

T-CD []

N.O.D.C. -- NAPIS RECORD

ACCESSION NO []

DATE RECEIVED: YR [] MO [] DAY []

PUB-NO []

T-CD []

N.O.D.C. -- TRACK RECORD

ACCESSION NO [] REFERENCE NO [T10471] DNP (Y/N) [N]

COUNTRY CODE [31] COUNTRY []

INST. CODE [09]

[]

FILE-ALIAS [F101] FILE-NAME []

PROJ-CODE [0081] PROJ-NAME []

MEDIUM: CODE [09] VALUE []

PLATFORM:

TYPE CODE [04] TYPE []

PLAT CODE [3199] NAME []

CRUISE NO [SUMMER78] CRUISE-START [780718] CRUISE-END [780901]

RCOUNT [0363] STATIONS-IN [061] STATIONS-OUT []

STATUS RESUB [] SU [] SP [] QUADI []
DATES: PROCESS [] DIP [] MFUPDT [] RETCOR []

DATA-TRACK: RU [519] FILE-ID [---46] LEASE []

T-CD []

N.O.D.C. -- TRACK RECORD

ACCESSION NO [] REFERENCE NO [] DNP (Y/N) []

COUNTRY CODE [] COUNTRY []

INST. CODE []

[]

FILE-ALIAS [] FILE-NAME []

PROJ-CODE [] PROJ-NAME []

MEDIUM: CODE [] VALUE []

PLATFORM:

TYPE CODE [] TYPE []

PLAT CODE [] NAME []

CRUISE NO [] CRUISE-START [] CRUISE-END []

RCOUNT [] STATIONS-IN [] STATIONS-OUT []

STATUS RESUB [] SU [] SP [] QUADI []
DATES: PROCESS [] DIP [] MFUPDT [] RETCOR []

DATA-TRACK: RU [] FILE-ID [] LEASE []



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
~~ENVIRONMENTAL DATA SERVICE~~
ENVIRONMENTAL DATA AND INFORMATION SERVICE
NATIONAL OCEANOGRAPHIC DATA CENTER
Washington, D.C. 20235

D781/JJA

December 8, 1978

Mr. Roger Andersen
Polar Science Center
University of Washington
4057 Roosevelt Way N.E.
Seattle, WA 98105

Dear Roger:

Thank you for your information concerning corrections to pressure values for file ID 2 and 3 (file type 101). We will incorporate these corrections and notify you when these data sets are final processed.

We recently received file ID 4, wind data for the summer of 1978, but have been unable to read the tape. I am returning your original and the DDF. I have enclosed some results of our attempts to read the tape using our IBM system and our mini-computer.

Your tape characteristics agree with our system (7 track, BCD, 800 bpi) but the information on the enclosed tape is not legible and cannot be processed. I have returned your DDF in case you want to change any information when you make another copy of the data.

Thank you for your cooperation.

Sincerely


Jim Audet
NODC OCSEAP Data Coordinator

Enclosure

cc: W. Fischer
T. Johnson
S. Stillwaugh

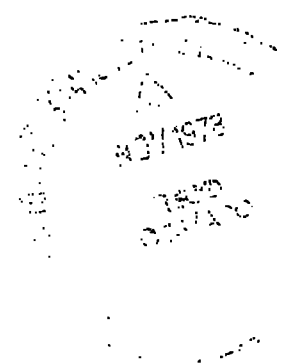
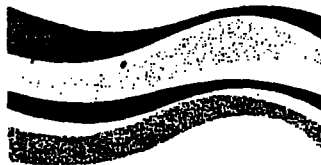
(202)
-634-7441

phone call 11/5/78

W. T. Kozo

(Returning tape again with
enclosed reading info for CDC.





POLAR SCIENCE CENTER

DIVISION OF MARINE RESOURCES • UNIVERSITY OF WASHINGTON

November 15, 1978

Mr. John J. Audet
National Oceanic Data Center
Page Building Number 1
2001 Wisconsin Avenue NW
Washington, DC 20235

Dear Mr. Audet:

This is a data submission from OCSEAP project RU519. It contains the weather data taken on the Beaufort Sea Coast, Alaska during July through September 1978. As you see it is a magnetic tape, BCD, 7 track, odd parity, 800 BPI, with 80 - 6 bit characters per record and 3/4 inch record gaps. Every record contains file ID=4. Wind speed, direction, and temperature are submitted for Cottle Island, Cross Island, and Milne Point. Atmospheric pressure is submitted for Deadhorse, Oliktok, Umiat, and Milne Point.

Sincerely,

Roger Andersen

Roger Andersen
for Eric Leavitt
Principal Investigator

RA:pd
Enclosures

cc: ✓ Toni Johnson
Arctic Project Office
Fairbanks, Alaska

Password:

accNo	fileA	refNo	proj	inst	ship	startDate	cruise	catId
7800821	F033	TR3584	0081	31V5	3191	1975/07/02	FW5010	308159
7800821	F033	TR3587	0081	31V5	3191	1976/08/17	FW6086	308162
7800821	F033	TR3588	0081	31V5	3191	1976/08/19	FW6186	308163
7800821	F033	TR3585	0081	31V5	31BI	1975/09/01	FW5021	308160
7800821	F033	TR3586	0081	31V5	31DS	1976/08/04	FW6085	308161
7800821	F033	TR3591	0081	31V5	31DS	1975/09/13	FW5023	308166
7800821	F033	TR3590	0081	31V5	31GL	1975/07/16	FW5013	308165
7800821	F033	TR3592	0081	31V5	31SU	1975/09/16	FW5024	308167
7800821	F101	TR3594	0081	3109	32FS	1978/07/20	4	308169
7800821	F033	TR3589	0081	31V5	32MW	1976/09/01	FW6088	308164
7800821	F033	TR3593	0081	31V5	32MW	1976/05/26	FW6066	308168

(11 rows affected)

Password:

accNo	fleA	refNo	ship	staCnt	recCnt	startDate	endDate
7800821	F033	TR3584	3191	255	1434	75/07/02	75/07/04
7800821	F033	TR3587	3191	999	4239	76/08/17	76/08/28
7800821	F033	TR3588	3191	61	252	76/08/19	76/08/28
7800821	F033	TR3585	31BI	198	2655	75/09/01	75/09/30
7800821	F033	TR3586	31DS	60	372	76/08/04	76/08/14
7800821	F033	TR3591	31DS	111	2498	75/09/13	75/10/03
7800821	F033	TR3590	31GL	174	2997	75/07/16	75/07/29
7800821	F033	TR3592	31SU	52	1160	75/09/16	75/09/22
7800821	F101	TR3594	32FS	3	357	78/07/20	78/09/01
7800821	F033	TR3589	32MW	184	2847	76/09/01	76/09/17
7800821	F033	TR3593	32MW	48	309	76/05/26	76/06/05

(11 rows affected)