

DDF-B:2:08 DATA DOCUMENTATION FORM

TR 1689

NOAA FORM 24-13
(2)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 2. 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.

RECEIVED
JUL 28 1975
NEGOTIA

033

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 William H. Drury College of the Atlantic Bar Harbor Maine 04609			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCS EAP Research unit 237 238		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File ID. WDS WFS WDS 1073 WDS 5081 WDS 5082	
4. PLATFORM NAME(S) Cessna 170	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Plane	6. PLATFORM AND OPERATOR NATIONALITY(IES) US US	
		7. DATES FROM: MO/PAY/YR TO: MO/DAY/YR 08/19/75 09/02/75	
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. NORTHERN BERING SEA 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) William H. Drury 207-288-5015			

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)

Research Units # 237 and # 238, 1975

File I.D's and Station Numbers

<u>File ID</u>	<u>Station Number</u>	<u>Description</u>
033 WD5 WFS	01	Bluff to Nome, Sept. 1
	02	Fish River to Cape Denbigh, Aug. 18
	03	Safety Lagoon, Aug. 19
	04	West to Point Spencer, Aug. 29

(Dates are Nome dates)

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

33

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

Five record types; Location (type 1), Environmental (type 2), Ice (type 3),
Text (type 4) and Data (type 5) differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Ship and Aircraft Census

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ADDRESS

Record Length - 30

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Location Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Station Number	11	5	Bytes	A5	
Latitude, Degrees	16	2	Bytes	I2	
Minutes	18	2	Bytes	I2	
Seconds	20	2	Bytes	I2	Starting Position
Hemisphere	22	1	Bytes	A1	'N' or 'S'
Longitude, Degrees	23	3	Bytes	I3	
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 Date/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	
Minutes	43	2	Bytes	I2	
Seconds	45	2	Bytes	I2	Ending Position
Hemisphere	47	1	Bytes	A1	'N' or 'S'

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Location Continued Ship and Aircraft Census

13. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (sec., min., bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Longitude,					
Degrees	48	3	Bytes	I3	
Minutes	51	2	Bytes	I2	
Seconds	53	2	Bytes	I2	
Hemisphere	55	1	Bytes	A1	'E' or 'W'
Elapsed Time	56	2	Bytes	I2	Whole minutes
Time Zone	58	1	Bytes	A1	Always '+' or '-'
Time Zone	59	2	Bytes	A2	01-12
Speed Made Good	61	3	Bytes	I3	To whole knots
Course Made Good	64	2	Bytes	I2	Tens of degrees
Height Above Sea Surface of Observer's Eyes	66	3	Bytes	I3	To whole meters
Platform Type Code	69	1	Bytes	A1	
Sampling Technique Code	70	1	Bytes	A2	
Ship Activity Code	71	1	Bytes	A1	
Photo(s) Taken	72	1	Bytes	A1	Use collection code
Blank	73	8	Bytes	6X	
Watch type	80	1	Byte		1. sweep 2. Fixed 3. Area

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Environmental Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
Station Number	11	5	Bytes	A5	
Depth to Bottom	16	4	Bytes	I4	In whole meters
Depth of Thermo- cline	20	3	Bytes	I3	In whole meters
Surface Temper- ature	23	4	Bytes	I4	In tenths of degree Celsius
Surface Salinity	27	3	Bytes	I3	Parts/thousand to tenths
Dry Bulb Temper- ature	30	4	Bytes	I4	In tenths of deg. C
Wet Bulb Temper- ature	34	4	Bytes	I4	In tenths of Deg. C.
Relative Humid- ity	38	2	Bytes	I2	Percent (00-99)
Barometric Pres- sure	40	4	Bytes	I4	In tenths of millibars
Barometric Trend	44	1	Bytes	A1	'+' = rising, '0' = steady, '-' = falling
Wind Direction	45	2	Bytes	I2	In tens of degrees WMO Codes 0885 and 0877
Wind Speed	47	2	Bytes	I2	In whole knots
Sea State	49	1	Bytes	A1	WMO code 3700.
Swell Direction	50	2	Bytes	I2	In tens of degrees WMO Codes 0885 and 0877
Swell Height	52	3	Bytes	I3	In 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
Water Color	59	2	Bytes	A2	Forel - Ule scale

RECORD NAME Environmental Continued

Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Visibility	61	1	Bytes	A1	WMO code 4300
Sun Direction Code	62	1	Bytes	A1	Use compass direction code
Glare Intensity Code	63	1	Bytes	A1	
Glare Area Code	64	1	Bytes	A1	
Light Level	65	3	Bytes	I3	In foot - candles X 100
Moon Phase Code	68	1	Bytes	A1	
Tide Height Code	69	1	Bytes	A1	
Rising or Falling Tide	70	1	Bytes	A1	'+' = rising, '-' = falling
Distance to near- est Shoreline	71	4	Bytes	I4	In whole nautical miles
Distance to shelf Break	75	3	Bytes	I3	In whole nautical miles
SECCHI Depth	78	2	Bytes	I2	In whole meters
Debris Code	80	1	Bytes	A1	Debris encountered but not bird associated.

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME ICE SHIP AND AIRCRAFT CENSUS

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Station Number	11	5	Bytes	A5	
<u>Ice in Transect</u>					
Coverage Code	16	1	Bytes	A1	WMO 0547
Type Code	17	1	Bytes	A1	WMO 3763
Form Code	18	1	Bytes	A1	WMO 1147
Relief Code	19	1	Bytes	A1	WMO 3962
Thickness Code	20	1	Bytes	A1	WMO 4006
Melt Code	21	1	Bytes	A1	WMO 2650
<u>Ice Outside Transect</u>					
Coverage Code	22	1	Bytes	A1	WMO 0547
Type Code	23	1	Bytes	A1	WMO 3763
Form Code	24	1	Bytes	A1	WMO 1147
Relief Code	25	1	Bytes	A1	WMO 3962
Thickness Code	26	1	Bytes	A1	WMO 4006
Melt Code	27	1	Bytes	A1	WMO 2650
<u>Open Water</u>					
Type Code	28	1	Bytes	A1	WMO 4552
Direction Code	29	1	Bytes	A1	WMO 0739
Distance Code	30	1	Bytes	A1	WMO 3600

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME ICE (CONTINUED) SHIP AND AIRCRAFT CENSUS

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Lead or Polynya Width Code	31	1	Bytes	A1	WMO 4300 (used only if '6', '7' or '8' in column 28)
<u>Visible Ice</u>					
Description Code	32	1	Bytes	A1	WMO 0663 (used only if '9' in column 28)
Direction Code	33	1	Bytes	A1	WMO 0739
Distance Code	34	1	Bytes	A1	WMO 3600
<u>Miscellaneous</u>					
Arctic Cod Observed	35	1	Bytes	A1	Use collection code
Excess Sediment	36	1	Bytes	A1	Use collection code
Algae Layer	37	1	Bytes	A1	Use collection code
Mammal Trace Code	38	1	Bytes	A1	Use mammal trace code
<u>Other Features</u>	39	1	Bytes	A1	Use mammal trace code
Blank	40	41	Bytes	41X	Blank
Percent water versus land coverage	47	2	Bytes		Percent
Seventy Peaks	49	1			Code 1 = small (diameter < 200') 2 = medium (diameter 200'-1000') 3 = Large (diameter > 1000')

2-20-76

RECORD NAME: TEXT SHIP AND AIRCRAFT CENSUS

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN BYTES (C, L, E, B, 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 '4'
Station Number	11	5	Bytes	A5	
Text	16	62	Bytes	62A1	
Sequence	78	3	Bytes	I3	Ascending numeric, used for sorting

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Data Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '5'
Station Number	11	5	Bytes	A5	
Time	16	2	Bytes	I2	Number of minutes from starting time to observation time, in whole minutes
Taxonomic Code	18	10	Bytes	I10	
Sub Species	28	2	Bytes	I2	
Species Group	30	2	Bytes	A2	
Age Class Group Code	32	1	Bytes	A1	
Sex Code	33	1	Bytes	A1	
Color Phase Code	34	1	Bytes	A1	
Plumage Code	35	1	Bytes	A1	
Molt Code	36	1	Bytes	A1	
Number of Individuals	37	5	Bytes	I5	Whole numeric
Counting Method Code	42	1	Bytes	A1	
Reliability Code	43	1	Bytes	A1	
Dist. Measurement Type Code	44	1	Bytes	A1	Z = Zone A = Actual
Distance from observation platform to birds	45	3	Bytes	I3	In tens of meters
Direction of Flight	48	2	Bytes	I2	In tens of degrees
Association code, Type of Association	50	1	Bytes	A1	

RECORD FORMAT DESCRIPTION

2-70-76

RECORD NAME Data Ship and Aircraft Census (Continued)

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Linkage for Multispecies (sequence number)	51	3	Bytes	I3	Sequence number of the group within one observation time block (blank for single birds)
Number of Species Participating	54	2	Bytes	I2	Should equal the number of cards with the same sequence number, bytes 51-53
Behavior (Activity) Code	56	2	Bytes	A2	
Special Marks Code	58	1	Bytes	A1	
Bird Condition Code	59	1	Bytes	A1	
Food Source Assoc- Code	60	1	Bytes	A1	
Taxonomic Code for Food Species	61	10	Bytes	I10	
Debris Code	71	1	Bytes	A1	
Oil Code	72	1	Bytes	A1	
Distance from Nearest Breeding Colony	73	3	Bytes	I3	In nautical miles
Habitat Code	76	2	Bytes	2A1	Up to 2 different habitats reported. Code from right to left
Sequence Number	78	3	Bytes	I3	Ascending numeric, for sorting purposes

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
Percent water wind speed	Percent Winds knots	Estimate Estimate by the Beaufort scale	Percent of area covered by ponds and lagoons	

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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____

ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

RECORD 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 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		

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 (✓)	

ACCESSION
NUMBER

77-0651

DATA DOCUMENTATION FORM

TR1690

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
D.L.B. No. 41-R2651

This form should accompany all data submissions to NODC. Section 1, 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.

RECEIVED
JUL 24 1977
NEGOTIA

033

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

William H. Drury
College of the Atlantic
Bar Harbor Me
04609

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

OCSEAP
Research units 237
447

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

File Id
WDG
WDG 051

4. PLATFORM NAME(S)

SURVEYOR RP-4-SU-76B
Leg #1
DE Haveland Islander
CESSNA 170, 185
BELL 206B

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

Ship
Plane
Helicopter

6. PLATFORM AND OPERATOR

U.S. U.S.

7. DATES

FROM: MO/DAY/YR TO: MO/DAY/YR
6/4/76 8/15/76

8. ARE DATA PROPRIETARY?

☒ NO ☐ YES

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

9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)?

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

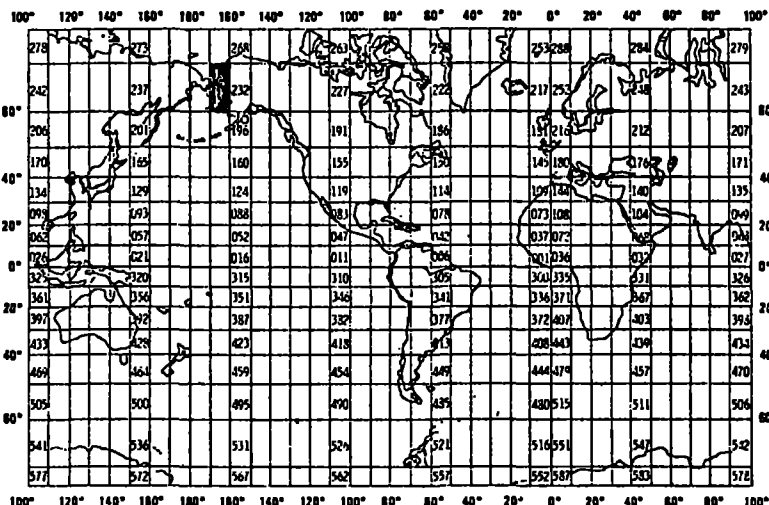
☒ NO ☐ YES ☐ PART (SPECIFY BELOW)

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

William H Drury
207-288-5015

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

NORTHERN Bering Sea
GENERAL AREA



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 FILE AND AVERAGING
Percent water	Percent	Estimate	Percent of area covered by pencils and laycons	
Wind speed	whole knots	Estimate by Beaufort scale		

Research Units # 238 and 447, 1976

File ID's and Station Numbers

<u>File ID</u>	<u>Station Number</u>	<u>Description</u>
033 WD6 WFS	01	5/29/76
	08	5/29/76
	09	6/4/76
	05	8/8/76
	11	8/11/76
	02	8/13/76
	10	8/14/76
	06	8/20/76
	03	9/9/76
	04	9/24/76
	07	10/1/76
033 WD6 051	(Sy in Islander)	6/5/76
SU1	On board RSV Surveyor	8/5/76
		8/13/76

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

33

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

Five record types; Location (type 1), Environmental (type 2), Ice (type 3),
Text (type 4) and Data (type 5) differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Ship and Aircraft Census

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ADDRESS

Record Length - 30

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Location Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., Bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Station Number	11	5	Bytes	A5	
Latitude, Degrees	16	2	Bytes	I2	
Minutes	18	2	Bytes	I2	
Seconds	20	2	Bytes	I2	Starting Position
Hemisphere	22	1	Bytes	A1	'N' or 'S'
Longitude, Degrees	23	3	Bytes	I3	
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 } Start- ing Date/ 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	
Minutes	43	2	Bytes	I2	
Seconds	45	2	Bytes	I2	Ending Position
Hemisphere	47	1	Bytes	A1	'N' or 'S'

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Location Continued Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Longitude,					
Degrees	48	3	Bytes	I3	
Minutes	51	2	Bytes	I2	
Seconds	53	2	Bytes	I2	
Hemisphere	55	1	Bytes	A1	'E' or 'W'
Elapsed Time	56	2	Bytes	I2	Whole minutes
Time Zone	58	1	Bytes	A1	Always '+' or '-'
Time Zone	59	2	Bytes	A2	01-12
Speed Made Good	61	3	Bytes	I3	To whole knots
Course Made Good	64	2	Bytes	I2	Tens of degrees
Height Above Sea Surface of Observer's Eyes	66	3	Bytes	I3	To whole meters
Platform Type Code	69	1	Bytes	A1	
Sampling Technique Code	70	1	Bytes	A2	
Ship Activity Code	71	1	Bytes	A1	
Photo(s) Taken	72	1	Bytes	A1	Use collection code
Blank	73	8	Bytes	8X	
Watch type	80	1	Byte		1. Sweep 2. Fixed 3. Area

RECORD FORMAT DESCRIPTION

Z-20-76

RECORD NAME Environmental Ship and Aircraft Census

4. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
Station Number	11	5	Bytes	A5	
Depth to Bottom	16	4	Bytes	I4	In whole meters
Depth of Thermo- cline	20	3	Bytes	I3	In whole meters
Surface Temper- ature	23	4	Bytes	I4	In tenths of degree Celsius
Surface Salinity	27	3	Bytes	I3	Parts/thousand to tenths
Dry Bulb Temper- ature	30	4	Bytes	I4	In tenths of deg. C
Wet Bulb Temper- ature	34	4	Bytes	I4	In tenths of Deg. C.
Relative Humid- ity	38	2	Bytes	I2	Percent (00-99)
Barometric Pres- sure	40	4	Bytes	I4	In tenths of millibars
Barometric Trend	44	1	Bytes	A1	'+' = rising, '0' = steady, '-' = falling.
Wind Direction	45	2	Bytes	I2	In tens of degrees WMO Codes 0885 and 0877
Wind Speed	47	2	Bytes	I2	In whole knots
Sea State	49	1	Bytes	A1	WMO code 3700
Swell Direction	50	2	Bytes	I2	In tens of degrees WMO Codes 0885 and 0877
Swell Height	52	3	Bytes	I3	In 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
Water Color	59	2	Bytes	A2	Forel - Ule scale

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Environmental Continued Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Visibility	61	1	Bytes	A1	WMO code 4300
Sun Direction Code	62	1	Bytes	A1	Use compass direction code
Glare Intensity Code	63	1	Bytes	A1	
Glare Area Code	64	1	Bytes	A1	
Light Level	65	3	Bytes	I3	In foot - candles X 100
Moon Phase Code	68	1	Bytes	A1	
Tide Height Code	69	1	Bytes	A1	
Rising or Falling Tide	70	1	Bytes	A1	'+' = rising, '-' = falling
Distance to nearest Shoreline	71	4	Bytes	I4	In whole nautical miles
Distance to shelf Break	75	3	Bytes	I3	In whole nautical miles
SEAFloor Depth	78	2	Bytes	I2	In whole meters
Debris Code	80	1	Bytes	A1	Debris encountered but not bird associated.

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME ICE SHIP AND AIRCRAFT CENSUS

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Station Number	11	5	Bytes	A5	
<u>Ice in Transect</u>					
Coverage Code	16	1	Bytes	A1	WMO 0547
Type Code	17	1	Bytes	A1	WMO 3763
Form Code	18	1	Bytes	A1	WMO 1147
Relief Code	19	1	Bytes	A1	WMO 3962
Thickness Code	20	1	Bytes	A1	WMO 4006
Melt Code	21	1	Bytes	A1	WMO 2650
<u>Ice Outside Transect</u>					
Coverage Code	22	1	Bytes	A1	WMO 0547
Type Code	23	1	Bytes	A1	WMO 3763
Form Code	24	1	Bytes	A1	WMO 1147
Relief Code	25	1	Bytes	A1	WMO 3962
Thickness Code	26	1	Bytes	A1	WMO 4006
Melt Code	27	1	Bytes	A1	WMO 2650
<u>Open Water</u>					
Type Code	28	1	Bytes	A1	WMO 4552
Direction Code	29	1	Bytes	A1	WMO 0739
Distance Code	30	1	Bytes	A1	WMO 3600

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME ICE (CONTINUED) SHIP AND AIRCRAFT CENSUS

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Lead or Polynya Width Code	31	1	Bytes	A1	WMO 4300 (used only if '6', '7' or '8' in column 28)
<u>Visible Ice</u>					
Description Code	32	1	Bytes	A1	WMO 0563 (used only if '9' in column 28)
Direction Code	33	1	Bytes	A1	WMO 0739 used only if column 32 is coded
Distance Code	34	1	Bytes	A1	WMO 3600
<u>Miscellaneous</u>					
Arctic Cod Observed	35	1	Bytes	A1	Use collection code
Excess Sediment	36	1	Bytes	A1	Use collection code
Ice Algae Layer	37	1	Bytes	A1	Use collection code
Mammal Trace Code	38	1	Bytes	A1	Use mammal trace code
<u>Other Features</u>					
Blank	39	1	Bytes	A1	Use mammal trace code
Percent water versus land surface	40	41	Bytes	41X	Blank
Size of ice	47	2	Bytes		Percent
	48	1			Code 1 = small (diameter < 200') 2 = medium (diameter 200'-1000') 3 = large (diameter > 1000')

2-20-76

RECORD NAME TEXT SHIP AND AIRCRAFT CENSUS

13. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (C.A. data, 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 '4'
Station Number	11	5	Bytes	A5	
Text	16	62	Bytes	62A1	
Sequence	78	3	Bytes	I3	Ascending numeric, used for sorting

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Data Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '5'
Station Number	11	5	Bytes	A5	
Time	16	2	Bytes	I2	Number of minutes from starting time to observation time, in whole minutes
Taxonomic Code	18	10	Bytes	I10	
Sub Species	28	2	Bytes	I2	
Species Group	30	2	Bytes	A2	
Age Class Group Code	32	1	Bytes	A1	
Sex Code	33	1	Bytes	A1	
Color Phase Code	34	1	Bytes	A1	
Plumage Code	35	1	Bytes	A1	
Molt Code	36	1	Bytes	A1	
Number of Individuals	37	5	Bytes	I5	Whole numeric
Counting Method Code	42	1	Bytes	A1	
Reliability Code	43	1	Bytes	A1	
Dist. Measurement Type Code	44	1	Bytes	A1	Z = Zone A = Actual
Distance from observation platform to birds	45	3	Bytes	I3	In tens of meters
Direction of Flight	48	2	Bytes	I2	In tens of degrees
Association code, Type of Association	50	1	Bytes	A1	

RECORD FORMAT DESCRIPTION

2-70-76

RECORD NAME Data Ship and Aircraft Census (Continued)

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., 510, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Linkage for Multispecies (sequence number)	51	3	Bytes	I3	Sequence number of the group within one observation time block (blank for single birds)
Number of Species Participating	54	2	Bytes	I2	Should equal the number of cards with the same sequence number, bytes 51-53
Behavior (Activity) Code	56	2	Bytes	A2	
Special Marks Code	58	1	Bytes	A1	
Bird Condition Code	59	1	Bytes	A1	
Food Source Assoc- Code	60	1	Bytes	A1	
Taxonomic Code for Food Species	61	10	Bytes	I10	
Debris Code	71	1	Bytes	A1	
Oil Code	72	1	Bytes	A1	
Distance from Nearest Breeding Colony	73	3	Bytes	I3	In nautical miles
Habitat Code	76	2	Bytes	2A1	Up to 2 different habitats reported. Code from right to left
Sequence Number	78	3	Bytes	I3	Ascending numeric, for sorting purposes

ACCESSION
NUMBER

77-0651

DATA DOCUMENTATION FORM

TR1691

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

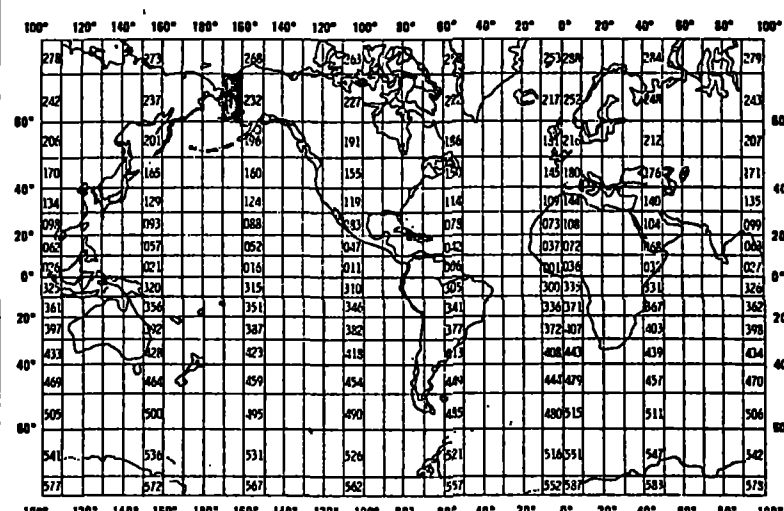
This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, 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.

RECEIVED
JUL 29 1977
NEGOA

033

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 William H. Drury College of the Atlantic Bar Harbor Me 04609			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP Research units 237 447		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File Id WD6 SU1	
4. PLATFORM NAME(S) SURVEYOR RP-4SU-76B Leg #1 DE Haveland Islander CESSNA 170, 185 BELL 206B	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship Plane Helicopter	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR US US	
		7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR 6/4/76 8/15/76	
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. NORTHERN Bering Sea 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) William H Drury 207-288-5015			

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 FILE AND AVERAGING
Percent water	Percent	Estimate	Percent of area Covered by ponds and lagoons	
Wind speed	whole knots	Estimate by Beaufort scale		

Research Units # 238 and 447, 1976

File ID's and Station Numbers

<u>File ID</u>	<u>Station Number</u>	<u>Description</u>
033 WD6 WFS	01	5/29/76
	08	5/29/76
	09	6/4/76
	05	8/8/76
	11	8/11/76
	02	8/13/76
	10	8/14/76
	06	8/20/76
	03	9/9/76
	04	9/24/76
	07	10/1/76
033 WD6 051	(Sy in Islander)	6/5/76
SU1	On board RSV Surveyor	8/5/76
		8/13/76

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

33

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

Five record types; Location (type 1), Environmental (type 2), Ice (type 3),
Text (type 4) and Data (type 5) differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Ship and Aircraft Census

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ADDRESS

Record Length - 80

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Location Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Station Number	11	5	Bytes	A5	
Latitude, Degrees	16	2	Bytes	I2	
Minutes	18	2	Bytes	I2	
Seconds	20	2	Bytes	I2	Starting Position
Hemisphere	22	1	Bytes	A1	'N' or 'S'
Longitude, Degrees	23	3	Bytes	I3	
Minutes	26	2	Bytes	I2	
Seconds	28	2	Bytes	I2	
Hemisphere	30	1	Bytes	A1	'E' or 'W'
Year	31	2	Bytes	I2	<div> <div>Last two digits of year</div> <div>Start- ing Date/ Time</div> <div>GMT</div> </div>
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	
Minutes	43	2	Bytes	I2	
Seconds	45	2	Bytes	I2	Ending Position
Hemisphere	47	1	Bytes	A1	'N' or 'S'

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Location Continued Ship and Aircraft Census

13. FIELD NAME	14. POSITION FROM -1 MEASURED IN Bytes	15. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Longitude,					
Degrees	48	3	Bytes I3		
Minutes	51	2	Bytes I2		
Seconds	53	2	Bytes I2		
Hemisphere	55	1	Bytes A1		'E' or 'W'
Elapsed Time	56	2	Bytes I2		Whole minutes
Time Zone	58	1	Bytes A1		Always '+' or '-'
Time Zone	59	2	Bytes A2		01-12
Speed Made Good	61	3	Bytes I3		To whole knots
Course Made Good	64	2	Bytes I2		Tens of degrees
Height Above Sea Surface of Observer's Eyes	66	3	Bytes I3		To whole meters
Platform Type Code	69	1	Bytes A1		
Sampling Technique Code	70	1	Bytes A2		
Ship Activity Code	71	1	Bytes A1		
Photo(s) Taken	72	1	Bytes A1		Use collection code
Blank	73	8	Bytes SX		
Watch type	80	1	Byte		1. Sweep 2. Fixed 3. Area

RECORD FORMAT DESCRIPTION

Z-20-76

RECORD NAME Environmental Ship and Aircraft Census

1. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
Station Number	11	5	Bytes	A5	
Depth to Bottom	16	4	Bytes	I4	In whole meters
Depth of Thermo- cline	20	3	Bytes	I3	In whole meters
Surface Temper- ature	23	4	Bytes	I4	In tenths of degree Celsius
Surface Salinity	27	3	Bytes	I3	Parts/thousand to tenths
Dry Bulb Temper- ature	30	4	Bytes	I4	In tenths of deg. C
Wet Bulb Temper- ature	34	4	Bytes	I4	In tenths of Deg. C.
Relative Humid- ity	38	2	Bytes	I2	Percent (00-99)
Barometric Pres- sure	40	4	Bytes	I4	In tenths of millibars
Barometric Trend	44	1	Bytes	A1	'+' = rising, '0' = steady, '-' = falling
Wind Direction	45	2	Bytes	I2	In tens of degrees
Wind Speed	47	2	Bytes	I2	WMO Codes 0885 and 0877 In whole knots
Sea State	49	1	Bytes	A1	WMO code 3700
Swell Direction	50	2	Bytes	I2	In tens of degrees
Swell Height	52	3	Bytes	I3	WMO Codes 0885 and 0877 In 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
Water Color	59	2	Bytes	A2	Forel - Ule scale

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Environmental Continued

Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Visibility	61	1	Bytes	A1	WMO code 4300
Sun Direction Code	62	1	Bytes	A1	Use compass direction code
Glare Intensity Code	63	1	Bytes	A1	
Glare Area Code	64	1	Bytes	A1	
Light Level	65	3	Bytes	I3	In foot - candles X 100
Moon Phase Code	68	1	Bytes	A1	
Tide Height Code	69	1	Bytes	A1	
Rising or Falling Tide	70	1	Bytes	A1	'+' = rising, '-' = falling
Distance to near- est Shoreline	71	4	Bytes	I4	In whole nautical miles
Distance to shelf Break	75	3	Bytes	I3	In whole nautical miles
SEI Depth	78	2	Bytes	I2	In whole meters
Debris Code	80	1	Bytes	A1	Debris encountered but not bird associated.

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME ICE SHIP AND AIRCRAFT CENSUS

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '3'
Station Number	11	5	Bytes	A5	
<u>Ice in Transect</u>					
Coverage Code	15	1	Bytes	A1	WMO 0547
Type Code	17	1	Bytes	A1	WMO 3763
Form Code	18	1	Bytes	A1	WMO 1147
Relief Code	19	1	Bytes	A1	WMO 3962
Thickness Code	20	1	Bytes	A1	WMO 4006
Melt Code	21	1	Bytes	A1	WMO 2650
<u>Ice Outside Transect</u>					
Coverage Code	22	1	Bytes	A1	WMO 0547
Type Code	23	1	Bytes	A1	WMO 3763
Form Code	24	1	Bytes	A1	WMO 1147
Relief Code	25	1	Bytes	A1	WMO 3962
Thickness Code	26	1	Bytes	A1	WMO 4006
Melt Code	27	1	Bytes	A1	WMO 2650
<u>Open Water</u>					
Type Code	28	1	Bytes	A1	WMO 4552
Direction Code	29	1	Bytes	A1	WMO 0739
Distance Code	30	1	Bytes	A1	WMO 3600

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME ICE (CONTINUED) SHIP AND AIRCRAFT CENSUS

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Lead or Polynya Width Code	31	1	Bytes	A1	WMO 4300 (used only if '6', '7' or '8' in column 28)
<u>Visible Ice</u>					
Description Code	32	1	Bytes	A1	WMO 0663 (used only if '9' in column 28)
Direction Code	33	1	Bytes	A1	WMO 0739 used only if column 32 is coded
Distance Code	34	1	Bytes	A1	WMO 3600
<u>Miscellaneous</u>					
Arctic Cod Observed	35	1	Bytes	A1	Use collection code
Excess Sediment	36	1	Bytes	A1	Use collection code
Ice Algae Layer	37	1	Bytes	A1	Use collection code
Mammal Trace Code	38	1	Bytes	A1	Use mammal trace code
<u>Other Features</u>					
Blank	40	41	Bytes	41X	Blank
Percent water versus Ice coverage	47	2	Bytes		Percent
Signal Peaks	49	1			Code 1 = small (diameter < 200') 2 = medium (diameter 200'-1000') 3 = Large (diameter > 1000')

2-20-76

RECORD NAME TEXT SHIP AND AIRCRAFT CENSUS

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., 10th, 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 '4'
Station Number	11	5	Bytes	A5	
Text	16	62	Bytes	62A1	
Sequence	78	3	Bytes	I3	Ascending numeric, used for sorting

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Data Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '5'
Station Number	11	5	Bytes	A5	
Time	16	2	Bytes	I2	Number of minutes from starting time to observation time, in whole minutes
Taxonomic Code	18	10	Bytes	I10	
Sub Species	28	2	Bytes	I2	
Species Group	30	2	Bytes	A2	
Age Class Group Code	32	1	Bytes	A1	
Sex Code	33	1	Bytes	A1	
Color Phase Code	34	1	Bytes	A1	
Plumage Code	35	1	Bytes	A1	
Molt Code	36	1	Bytes	A1	
Number of Individuals	37	5	Bytes	I5	Whole numeric
Counting Method Code	42	1	Bytes	A1	
Reliability Code	43	1	Bytes	A1	
Dist. Measurement Type Code	44	1	Bytes	A1	Z = Zone A = Actual
Distance from observation platform to birds	45	3	Bytes	I3	In tens of meters
Direction of Flight	48	2	Bytes	I2	In tens of degrees
Association code, Type of Association	50	1	Bytes	A1	

RECORD FORMAT DESCRIPTION

2-70-76

RECORD NAME Data Ship and Aircraft Census (Continued)

15. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., Bits, Bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Linkage for Multispecies (sequence number)	51	3	Bytes	I3	Sequence number of the group within one observation time block (blank for single birds)
Number of Species Participating	54	2	Bytes	I2	Should equal the number of cards with the same sequence number, bytes 51-53
Behavior (Activity) Code	56	2	Bytes	A2	
Special Marks Code	58	1	Bytes	A1	
Bird Condition Code	59	1	Bytes	A1	
Food Source Assoc- Code	60	1	Bytes	A1	
Taxonomic Code for Food Species	61	10	Bytes	I10	
Debris Code	71	1	Bytes	A1	
Oil Code	72	1	Bytes	A1	
Distance from Nearest Breeding Colony	73	3	Bytes	I3	In nautical miles
Habitat Code	76	2	Bytes	2A1	Up to 2 different habitats reported. Code from right to left
Sequence Number	78	3	Bytes	I3	Ascending numeric, for sorting purposes

DATA DOCUMENTATION FORM

TR1692

NOAA FORM 24-13

(2)

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

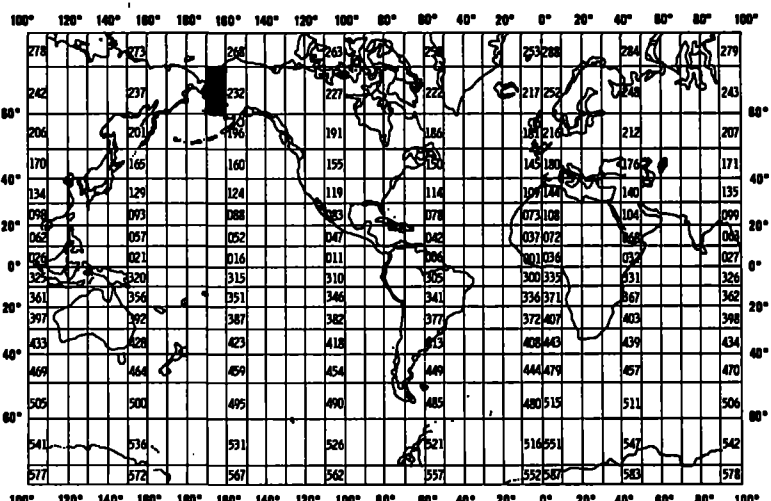
This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, 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.

RECEIVED
JUN 1977
NEGOA

033

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 William H. Drury College of the Atlantic Bar Harbor Me 04609			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED OCSEAP Research units 237 447		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File Id WD6 WFS WFS	
4. PLATFORM NAME(S) SURVEYOR RP-454-768 Leg #1 DE Haveland Islander CESSNA 170, 185 BELL 206B	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) Ship Plane Helicopter	6. PLATFORM AND OPERATOR NATIONALITY(IES) PLATFORM OPERATOR FROM: MO/DAY/YR TO: MO/DAY/YR US US 6/4/76 8/15/76	
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. NORTHERN Bering Sea 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) William H Drury 207-288-5015			

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 5510)	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)

Research Units # 238 and 447, 1976

File ID's and Station Numbers

<u>File ID</u>	<u>Station Number</u>	<u>Description</u>
033 WD6 WFS	01	5/29/76
	08	5/29/76
	09	6/4/76
	05	8/8/76
	11	8/11/76
	02	8/13/76
	10	8/14/76
	06	8/20/76
	03	9/9/76
	04	9/24/76
	07	10/1/76
033 WD6 051	(Sy in Islander)	6/5/76
SU1	On board RSV Surveyor	8/5/76
		8/13/76

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

33

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

Five record types; Location (type 1), Environmental (type 2), Ice (type 3),
Text (type 4) and Data (type 5) differentiated by byte 10.

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

Ship and Aircraft Census

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ADDRESS

Record Length - 30

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

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

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Location Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Station Number	11	5	Bytes	A5	
Latitude, Degrees	16	2	Bytes	I2	
Minutes	18	2	Bytes	I2	
Seconds	20	2	Bytes	I2	Starting Position
Hemisphere	22	1	Bytes	A1	'N' or 'S'
Longitude, Degrees	23	3	Bytes	I3	
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 } Start- ing Date/ 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	
Minutes	43	2	Bytes	I2	
Seconds	45	2	Bytes	I2	Ending Position
Hemisphere	47	1	Bytes	A1	'N' or 'S'

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Location Continued Ship and Aircraft Census

13. ID NAME	15. POSITION FROM - 1 MEASURED IN Bytes (Lat, Long, Depth)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Longitude,					
Degrees	48	3	Bytes I3		
Minutes	51	2	Bytes I2		
Seconds	53	2	Bytes I2		
Hemisphere	55	1	Bytes A1		'E' or 'W'
Elapsed Time	56	2	Bytes I2		Whole minutes
Time Zone	58	1	Bytes A1		Always '+' or '-'
Time Zone	59	2	Bytes A2		01-12
Speed Made Good	61	3	Bytes I3		To whole knots
Course Made Good	64	2	Bytes I2		Tens of degrees
Height Above Sea Surface of Observer's Eyes	66	3	Bytes I3		To whole meters
Platform Type Code	69	1	Bytes A1		
Sampling Technique Code	70	1	Bytes A2		
Ship Activity Code	71	1	Bytes A1		
Photo(s) Taken	72	1	Bytes A1		Use collection code
Blank	73	8	Bytes SX		
Watch type	80	1	Byte		1. Sweep 2. Fixed 3. Area

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Environmental Ship and Aircraft Census

4. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
Station Number	11	5	Bytes	A5	
Depth to Bottom	16	4	Bytes	I4	In whole meters
Depth of Thermo- cline	20	3	Bytes	I3	In whole meters
Surface Temper- ature	23	4	Bytes	I4	In tenths of degree Celsius
Surface Salinity	27	3	Bytes	I3	Parts/thousand to tenths
Dry Bulb Temper- ature	30	4	Bytes	I4	In tenths of deg. C
Wet Bulb Temper- ature	34	4	Bytes	I4	In tenths of Deg. C.
Relative Humid- ity	38	2	Bytes	I2	Percent (00-99)
Barometric Pres- sure	40	4	Bytes	I4	In tenths of millibars
Barometric Trend	44	1	Bytes	A1	'+' = rising, '0' = steady, '-' = falling
Wind Direction	45	2	Bytes	I2	In tens of degrees WMO Codes 0885 and 0877
Wind Speed	47	2	Bytes	I2	In whole knots
Sea State	49	1	Bytes	A1	WMO code 3700
Swell Direction	50	2	Bytes	I2	In tens of degrees WMO Codes 0885 and 0877
Swell Height	52	3	Bytes	I3	In 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
Water Color	59	2	Bytes	A2	Forel - Ule scale

RECORD NAME Environmental Continued

Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Visibility	61	1	Bytes	A1	WMO code 4300
Sun Direction Code	62	1	Bytes	A1	Use compass direction code
Glare Intensity Code	63	1	Bytes	A1	
Glare Area Code	64	1	Bytes	A1	
Light Level	65	3	Bytes	I3	In foot - candles X 100
Moon Phase Code	68	1	Bytes	A1	
Tide Height Code	69	1	Bytes	A1	
Rising or Falling Tide	70	1	Bytes	A1	'+' = rising, '-' = falling
Distance to near- est Shoreline	71	4	Bytes	I4	In whole nautical miles
Distance to shelf Break	75	3	Bytes	I3	In whole nautical miles
SPRINT Depth	78	2	Bytes	I2	In whole meters
Debris Code	80	1	Bytes	A1	Debris encountered but not bird associated.

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME ICE SHIP AND AIRCRAFT CENSUS

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	A1	Always '3'
Station Number	11	5	Bytes	A5	
<u>Ice in Transect</u>					
Coverage Code	15	1	Bytes	A1	WMO 0547
Type Code	17	1	Bytes	A1	WMO 3763
Form Code	18	1	Bytes	A1	WMO 1147
Relief Code	19	1	Bytes	A1	WMO 3962
Thickness Code	20	1	Bytes	A1	WMO 4006
Melt Code	21	1	Bytes	A1	WMO 2650
<u>Ice Outside Transect</u>					
Coverage Code	22	1	Bytes	A1	WMO 0547
Type Code	23	1	Bytes	A1	WMO 3763
Form Code	24	1	Bytes	A1	WMO 1147
Relief Code	25	1	Bytes	A1	WMO 3962
Thickness Code	26	1	Bytes	A1	WMO 4006
Melt Code	27	1	Bytes	A1	WMO 2650
<u>Open Water</u>					
Type Code	28	1	Bytes	A1	WMO 4552
Direction Code	29	1	Bytes	A1	WMO 0739
Distance Code	30	1	Bytes	A1	WMO 3600

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME ICE (CONTINUED) SHIP AND AIRCRAFT CENSUS

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Lead or Polynya Width Code	31	1	Bytes	A1	WHO 4300 (used only if '6', '7' or '8' in column 28)
<u>Visible Ice</u>					
Description Code	32	1	Bytes	A1	WHO 0663 (used only if '9' in column 28)
Direction Code	33	1	Bytes	A1	WHO 0739
Distance Code	34	1	Bytes	A1	WHO 3600 used only if column 32 is coded
<u>Miscellaneous</u>					
Arctic Cod Observed	35	1	Bytes	A1	Use collection code
Excess Sediment	36	1	Bytes	A1	Use collection code
Ice Algae Layer	37	1	Bytes	A1	Use collection code
Mammal Trace Code	38	1	Bytes	A1	Use mammal trace code
<u>Other Features</u>					
Blank	40	41	Bytes	41X	Blank
Percent water versus land covered	47	2	Bytes		Percent
Size of Ponds	49	1			Code 1 = small (diameter < 200') 2 = medium (diameter 200'-1000') 3 = Large (diameter > 1000')

2-20-76

RECORD NAME TEXT SHIP AND AIRCRAFT CENSUS

14. FIELD NAME	15. POSITION FROM-1 MEASURED IN Bytes (e.g., 100, 200, 300)	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 '4'
Station Number	11	5	Bytes	A5	
Text	16	62	Bytes	62A1	
Sequence	78	3	Bytes	I3	Ascending numeric, used for sorting

RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Data Ship and Aircraft Census

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '033'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '5'
Station Number	11	5	Bytes	A5	
Time	16	2	Bytes	I2	Number of minutes from starting time to observation time, in whole minutes
Taxonomic Code	18	10	Bytes	I10	
Sub Species	28	2	Bytes	I2	
Species Group	30	2	Bytes	A2	
Age Class Group Code	32	1	Bytes	A1	
Sex Code	33	1	Bytes	A1	
Color Phase Code	34	1	Bytes	A1	
Plumage Code	35	1	Bytes	A1	
Molt Code	36	1	Bytes	A1	
Number of Individuals	37	5	Bytes	I5	Whole numeric
Counting Method Code	42	1	Bytes	A1	
Reliability Code	43	1	Bytes	A1	
Dist. Measurement Type Code	44	1	Bytes	A1	Z = Zone A = Actual
Distance from observation platform to birds	45	3	Bytes	I3	In tens of meters
Direction of Flight	48	2	Bytes	I2	In tens of degrees
Association code, Type of Association	50	1	Bytes	A1	

RECORD FORMAT DESCRIPTION

2-70-76

RECORD NAME Data Ship and Aircraft Census (Continued)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., Bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Linkage for Multispecies (sequence number)	51	3	Bytes	I3	Sequence number of the group within one observation time block (blank for single birds)
Number of Species Participating	54	2	Bytes	I2	Should equal the number of cards with the same sequence number, bytes 51-53
Behavior (Activity) Code	56	2	Bytes	A2	
Special Marks Code	58	1	Bytes	A1	
Bird Condition Code	59	1	Bytes	A1	
Food Source Assoc- Code	60	1	Bytes	A1	
Taxonomic Code for Food Species	61	10	Bytes	I10	
Debris Code	71	1	Bytes	A1	
Oil Code	72	1	Bytes	A1	
Distance from Nearest Breeding Colony	73	3	Bytes	I3	In nautical miles
Habitat Code	76	2	Bytes	2A1	Up to 2 different habitats reported. Code from right to left
Sequence Number	78	3	Bytes	I3	Ascending numeric, for sorting purposes

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
Percent water	Percent	Estimate	Percent of Area Covered by ponds and lagoons	
Wind speed	whole knots	Estimate by Beaufort scale		

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.

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

--

--

NAME AND PHONE NUMBER _____
ADDRESS _____

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

RECORD FORMAT DESCRIPTION

RECORD NAME _____

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 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[illegible]

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		

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 (✓)	

1. COPY (DATE) TO
 DATE 4 / 11 / 67 **DKT 103**

2. COPY (DATE) TO
 DATE 4 / 11 / 67 **014611**

3. REFORMATTED TAPE
 (IF REQUIRED)

4. USER TAPE
 GENERATION **007808**

5. CHECK RUN (ERRORS) **02'24' EAA 014611, BIRG:20 4565, LREU 083**

6. CHECK RUN (OK)

7. CRUNCH TAPE
 FROM "USER"

8. EVALUATION OF
 ORIGINATOR DCF

9. NAPI COUNT
 PROGRAM RUN

10. DIP INVENTORY
 PROGRAM RUN

11. ALL THE DATA

0101	033WD6WFS101001	643240N1655200W760529	643520N1661500W	+11	56		
0102	033WD6WFS301001		101				
0103	033WD6WFS501001	880101010400	1			LF	1
0104	033WD6WFS501001	880601210200	2			LF	2
0105	033WD6WFS501001	880601110600	3			LF	3
0106	033WD6WFS501001	880601060100	4			LF	4
0107	033WD6WFS501001	880601030100	2			LF	5
0108	033WD6WFS501001	880601090100	2			LF	6
0109	033WD6WFS501001	88100000000001	600			LF	7
0110	033WD6WFS501001	881008010100	3			LF	8
0111	033WD6WFS501001	880601010200	2			LF	9
0112	033WD6WFS501001	880601090700	1	1		LF	10
0113	033WD6WFS102001	645050N1662330W760814	0130650000N1664000W	+11	E6		
0114	033WD6WFS202001		1805	8			
0115	033WD6WFS502001	881008010100	Q	120		89	1
0116	033WD6WFS502001	881008010100	L	2		89	2
0117	033WD6WFS502001	880601040100		43		89	3
0118	033WD6WFS502001	880601020200		1		89	4
0119	033WD6WFS502001	880601030100		55		89	5
0120	033WD6WFS502001	881008030100		241		89	6
0121	033WD6WFS502001	881008070400		40		89	7
0122	033WD6WFS502001	880101010400		5		89	8
0123	033WD6WFS502001	880601090700		41		89	9
0124	033WD6WFS502001	88100000000001		1		89	10
0125	033WD6WFS102002	650000N1664000W760814	651100N1665600W	+11	E6		
0126	033WD6WFS202002		1805	8			
0201	033WD6WFS502002	881008030100		133		89	1
0202	033WD6WFS502002	880601210200		30		89	2
0203	033WD6WFS502002	881008010100	Q	115		89	3
0204	033WD6WFS502002	881008010100	1	21		89	4
0205	033WD6WFS502002	882005070100		1		89	5
0206	033WD6WFS502002	881008070400		9		89	6
0207	033WD6WFS502002	880101010400		7		89	7
0208	033WD6WFS502002	880101010300		1		89	8
0209	033WD6WFS502002	880601090700		22		89	9
0210	033WD6WFS502002	880601030200		2		89	10
0211	033WD6WFS502002	880601020200	Q	2		89	11
0212	033WD6WFS502002	880601020200	4	3		89	12
0213	033WD6WFS502002	880601130100		4		89	13
0214	033WD6WFS502002	88100000000004		12		89	14
0215	033WD6WFS102003	651100N1665600W760814	650620N1663700W	+11			
0216	033WD6WFS202003		1805	8			
0217	033WD6WFS302003		401				
0218	033WD6WFS502003	881000000000001		35		KL	1
0219	033WD6WFS502003	880901010200		4		KL	2
0220	033WD6WFS502003	880101010400		10		KL	3
0221	033WD6WFS502003	881008010100	Q	86		KL	4
0222	033WD6WFS502003	881008010100	2	3		KL	5
0223	033WD6WFS502003	880101010300		6		KL	6
0224	033WD6WFS502003	881008070400		1		KL	7
0225	033WD6WFS502003	880601090700		2		KL	8
0226	033WD6WFS502004	881008030100		41		KL	9
0301	033WD6WFS502005	880601130100		4		KL	10
0302	033WD6WFS502003	88100000000004		3		KL	11
0303	033WD6WFS102004	650620N1663700W760814	650000N1663800W	+11	E6		
0304	033WD6WFS202004		1805	8			

0305	033WD6WFS302004			301					
0306	033WD6WFS502004	880901010200	1				LK	1	
0307	033WD6WFS502004	881008070400	9				LK	2	
0308	033WD6WFS502004	881008010100 Q	28				LK	3	
0309	033WD6WFS502004	881008010100 2	6				LK	4	
0310	033WD6WFS502004	880101010400	9				LK	5	
0311	033WD6WFS502004	880601020200 Q	31				LK	6	
0312	033WD6WFS502004	880601020200 4	4				LK	7	
0313	033WD6WFS502004	881006000000	16				LK	8	
0314	033WD6WFS502004	880601090700	7				LK	9	
0315	033WD6WFS502004	88100000000004	89				LK	10	
0316	033WD6WFS502004	880601130100	5				LK	11	
0317	033WD6WFS502004	88100400000001	8				LK	12	
0318	033WD6WFS502004	88060100000006	1				LK	13	
0319	033WD6WFS502004	880601030100	25				LK	14	
0320	033WD6WFS502004	880101010300	1				LK	15	
0321	033WD6WFS502004	88010101000002	2				LK	16	
0322	033WD6WFS502004	881402090200	1				LK	17	
0323	033WD6WFS102005	650000N1663800W760814	644740N1662730W	+11		E6			
0324	033WD6WFS202005		1805	8					
0325	033WD6WFS302005		201						
0326	033WD6WFS502005	881008010100 Q	61				LK	1	
0401	033WD6WFS502005	881008010100 2	21				LK	2	
0402	033WD6WFS502005	880101010300	4				LK	3	
0403	033WD6WFS502005	880101010400	35				LK	4	
0404	033WD6WFS502005	88100000000001	19				LK	5	
0405	033WD6WFS502005	880601090700	76				LK	6	
0406	033WD6WFS502005	881008070400	21				LK	7	
0407	033WD6WFS502005	881004060400	15				LK	8	
0408	033WD6WFS502005	880601020200	16				LK	9	
0409	033WD6WFS502005	880601091600	8				LK	10	
0410	033WD6WFS502005	880601030200	2				LK	11	
0411	033WD6WFS502005	881402090200	1				LK	12	
0412	033WD6WFS502005	88010101000002	8				LK	13	
0413	033WD6WFS502005	880601130100	10				LK	14	
0414	033WD6WFS502005	880601030100	7				LK	15	
0415	033WD6WFS502005	881007010200	1				LK	16	
0416	033WD6WFS103001	643030N1652630W760910	643520N1661500W	+11105		3556			
0417	033WD6WFS203001	50	1408	69 8 6					
0418	033WD6WFS503001	881008010100	120				8	1	
0419	033WD6WFS103002	643400N1660300W760910	643520N1661500W	+11105		3556			
0420	033WD6WFS203002	50	1408	69 8 6					
0421	033WD6WFS303002		2						
0422	033WD6WFS503002	881008010100	20				8F	1	
0423	033WD6WFS503002	881008030100	75				8F	2	
0424	033WD6WFS503002	880601020200	1				8F	3	
0425	033WD6WFS103003	643520N1661500W760910	643830N1662300W	+11105		3556			
0426	033WD6WFS203003	50	1408	69 8 6					
0501	033WD6WFS303003		2						
0502	033WD6WFS503003	881008010100	27				8F	1	
0503	033WD6WFS503003	880601020200	2				8F	2	
0504	033WD6WFS503003	881008070400	1				8F	3	
0505	033WD6WFS503003	880601030100	10				8F	4	
0506	033WD6WFS103004	643830N1662300W760910	643400N1660300W	+11105		3556			
0507	033WD6WFS203004	50	1408	69 8 6					
0508	033WD6WFS303004		202						

0101	035WD6KGIA3CT016458 N16805 W		1
0102	035WD6KGIC3CT0ICENTER TOP OF ISLAND		2
0103	035WD6KGIB3CT01760812033609	7	3
0104	035WD6KGIF3CT01760812038810101102004		1950 4
0105	035WD6KGIF3CT01760812038810101101004		600 5
0106	035WD6KGIF3CT01760812038810101001004		450 6
0107	035WD6KGIA3CT016458 N16805 W		1
0108	035WD6KGIC3CT0ICENTER TOP OF ISLAND		2
0109	035WD6KGIB3CT017606191500001 8 00208		3
0110	035WD6KGIF3CT01760619158810101102004		4000 4
0111	035WD6KGIF3CT01760619158810101101004		1000 5
0112	035WD6KGIA3NWS06458 N16805 W		1
0113	035WD6KGIC3NWS0NORTHWEST SIDE OF UPLAND		2
0114	035WD6KGIB3NWS07606191500001 8 00208		3
0115	035WD6KGIF3NWS0760619158810101102004		6000 4
0116	035WD6KGIF3NWS0760619158810101101004		3000 5
0117	035WD6KGIF3NWS0760619158810101001004		6000 6
0118	035WD6KGIA3NWS06458 N16805 W		1
0119	035WD6KGIC3NWS0NORTHWEST SIDE OF UPLAND		2
0120	035WD6KGIB3NWS0760812033609	7	3
0121	035WD6KGIF3NWS0160812038810101102004		8625 4
0122	035WD6KGIF3NWS0760812038810101101004		1725 5
0123	035WD6KGIF3NWS0760812038810101001004		1150 6
0124	035WD6KGIA3SWCR6458 N16805 W		1
0125	035WD6KGIC3SWCRSOUTH WEST CORNER OF UPLAND		2
0126	035WD6KGIB3SWCR7606191500001 8 00208		3
0201	035WD6KGIF3SWCR760619158810101102004		16000 4
0202	035WD6KGIF3SWCR760619158810101101004		3000 5
0203	035WD6KGIF3SWCR760619158810101001004		1000 6
0204	035WD6KGIA3SWCR6458 N16805 W		1
0205	035WD6KGIC3SWCRSOUTHWEST CORNER OF UPLAND		2
0206	035WD6KGIB3SWCR760812033609	7	3
0207	035WD6KGIF3SWCR760812038810101102004		15000 4
0208	035WD6KGIF3SWCR760812038810101101004		5000 5
0209	035WD6KGIA3ITAL6458 N16805 W		1
0210	035WD6KGIC3ITALISLAND TOTAL		2
0211	035WD6KGIB3ITAL7606191500001 8 00208		3
0212	035WD6KGIF3ITAL760619158810101101005		20000 4
0213	035WD6KGIF3ITAL760619158810101102005		70000 5
0214	035WD6KGIF3ITAL760619158810101001005		33500 6
0215	035WD6KGIA3ITAL6458 N16805 W		1
0216	035WD6KGIC3ITALISLAND TOTALS		2
0217	035WD6KGIB3ITAL760809193214	01008	3
0218	035WD6KGIF3ITAL760809198804040105003	49	127 4
0219	035WD6KGIF3ITAL760809198810080101003		112 5
0220	035WD6KGIF3ITAL760809198810080301005		3098 6
0221	035WD6KGIF3ITAL760809198810100300005		80360 7
0222	035WD6KGIF3ITAL760809198810100502005		384 8
0223	035WD6KGIF3ITAL760809198810101302005		6000 9
0224	035WD6KGIF3ITAL760809198810101401005		869 10
0225	035WD6KGIA3ITAL6458 N16805 W		1
0226	035WD6KGIC3ITALISLAND TOTAL		2
0301	035WD6KGIB3ITAL7607022114072 9 01500		3
0302	035WD6KGIF3ITAL760702218810101401005		684 4
0303	035WD6KGIF3ITAL760702218810101302005		3005 5
0304	035WD6KGIF3ITAL760702218810080101005	45	6

0305	035WD6KGIF3ITAL760702218804040105005	65	7
0306	035WD6KGIA3ITAL6458 N16805 W		1
0307	035WD6KGIC3ITAL ISLAND TOTAL		2
0308	035WD6KGIB3ITAL7607020636052 00206		3
0309	035WD6KGIF3ITAL760702068804040105005	145	4
0310	035WD6KGIF3ITAL760702068810080101005	130	5
0311	035WD6KGIF3ITAL760702068810080301005	2481	6
0312	035WD6KGIF3ITAL760702068810100300005	102600	7
0313	035WD6KGIF3ITAL760702068810100502005	135	8
0314	035WD6KGIF3ITAL760702068810101302005	842	9
0315	035WD6KGIF3ITAL760702068810101401005	132	10
0316	035WD6KGIA3ITAL6458 N16805 W		1
0317	035WD6KGIC3ITAL ISLAND TOTALS		2
0318	035WD6KGIB3ITAL7606301732021 9 00200		3
0319	035WD6KGIF3ITAL760630178804040105	83	4
0320	035WD6KGIF3ITAL760630178810080101	118	5
0321	035WD6KGIF3ITAL760630178810080301	2311	6
0322	035WD6KGIF3ITAL760630178810100300	68900	7
0323	035WD6KGIF3ITAL760630178810100502	940	8
0324	035WD6KGIF3ITAL760630178810101302	8	9
0325	035WD6KGIA3ITAL6458 N16805 W		1
0326	035WD6KGIC3ITAL ISLAND TOTAL		2
0401	035WD6KGIB3ITAL7606290236151 9 00706		3
0402	035WD6KGIF3ITAL760629028810101401005	253	4
0403	035WD6KGIF3ITAL760629028810101302005	1275	5
0404	035WD6KGIF3ITAL760629028810100502005	945	6
0405	035WD6KGIF3ITAL760629028810100300005	39200	7
0406	035WD6KGIF3ITAL760629028810080301005	5200	8
0407	035WD6KGIF3ITAL760629028804040105005	93	9
0408	035WD6SLGA2S0ED642825N1661230W		1
0409	035WD6SLGC2S0EDSOUTH END OF ISLAND		2
0410	035WD6SLGB2S0ED760726041802 9 0		3
0411	035WD6SLGF2S0ED760726048804040105004	146	4
0412	035WD6SLGF2S0ED760726048810101302004	95	5
0413	035WD6SLGF2S0ED760726048810101401004	7	6
0414	035WD6SLGA2S0ED642825N1661230W		1
0415	035WD6SLGC2S0EDSOUTH END OF ISLAND		2
0416	035WD6SLGB2S0ED760722223218 419 00700		3
0417	035WD6SLGF2S0ED760722228804040105004	118	4
0418	035WD6SLGF2S0ED760722228810100300004	1700	5
0419	035WD6SLGF2S0ED760722228810080301004	1150	6
0420	035WD6SLGF2S0ED760722228810100502004	4	7
0421	035WD6SLGF2S0ED760722228810080101004	8	8
0422	035WD6SLGA2S0ED642825N1661230W		1
0423	035WD6SLGC2S0EDSOUTH END OF ISLAND		2
0424	035WD6SLGB2S0ED760723042715 41 00800		3
0425	035WD6SLGF2S0ED760723048810100300004	1300	5
0426	035WD6SLGF2S0ED760723048810100300004	940	7
0501	035WD6SLGF2S0ED760723048810080301004	1300	8
0502	035WD6SLGF2S0ED760723048804040105004	75	9
0503	035WD6SLGF2S0ED760723048810101302004	45	10
0504	035WD6SLGF2S0ED760723048810101401004	5	11
0505	035WD6SLGC2S0EDBIRDS IN AIR		4
0506	035WD6SLGC2S0EDBIRDS ON CLIFF		6
0507	035WD6SLGA2S0ED642825N1661230W		1
0508	035WD6SLGC2S0EDSOUTH END OF ISLAND		2

033TR1690100027641900N1642030W7606050435642415N1640930W05+11105 5056
???

DATA ABOVE RANGE IN SPD MADE GOOD(KNOTS)

033TR1690100028642415N1640930W7606050440642845N1635700W05+11105 5056
???

DATA ABOVE RANGE IN SPD MADE GOOD(KNOTS)

033TR1690100029642845N1635700W7606050445643330N1634330W05+11105 5056
???

DATA ABOVE RANGE IN SPD MADE GOOD(KNOTS)

THE FIELDS BELOW WERE CHECKED AS FOLLOWS(S=SIGN/B=BLANK/T=TAXONOMIC CODE/N=NUMERICS/M=MANDATORY NUMERIC/Z=NO CHECKING

TYPE	REC	PDS	LENGTH	NAME	RANGE TESTED LOW HIGH	ACTUAL RANGE LOWEST HIGHEST	MEAN	S. DEV	COUNT	FP	FP=1	>=1
Z	1	11	5	STATION NUMBER					29			
M	1	16	2	LAT DEG	40	89 64 64	64.00	00	29	29	0	0
M	1	18	2	LAT MIN	0	59 17 57	32.44	10.90	29	29	0	0
N	1	20	2	LAT SEC	0	59 0 45	13.96	16.21	29	29	0	0
C	1	22	1	0500LAT HEM					29			
M	1	23	3	LON DEG	60	179 163 168	166.03	1.89	29	29	0	0
M	1	26	2	LON MIN	0	59 9 59	32.24	16.95	29	29	0	0
N	1	28	2	LON SEC	0	59 0 30	14.48	14.99	29	29	0	0
C	1	30	1	0501LON HEM					29			
M	1	31	2	YEAR START	NO RANGE CHECKING	76 76	76.00	00	29	29	0	0
M	1	33	2	MONTH START	1	12 6 6	6.00	00	29	29	0	0
M	1	35	2	DAY START	1	31 5 5	5.00	00	29	29	0	0
N	1	37	2	HOUR START	0	23 1 4	2.72	99	29	29	0	0
N	1	39	2	MINUTE START	0	59 0 55	27.06	16.65	29	29	0	0
M	1	41	2	LAT DEG END	40	89 64 64	64.00	00	29	29	0	0
M	1	43	2	LAT MIN END	0	59 10 57	32.58	10.87	29	29	0	0
N	1	45	2	LAT SEC END	0	59 0 45	13.96	16.21	29	29	0	0
C	1	47	1	0500LAT HEM					29			
M	1	48	3	LON DEG END	60	179 163 168	165.96	2.05	29	29	0	0
M	1	51	2	LON MIN END	0	59 1 59	32.51	17.37	29	29	0	0
N	1	53	2	LON SEC END	0	59 0 30	14.48	14.99	29	29	0	0
C	1	55	1	0501LON HEM					29			
N	1	56	2	ELAPSED TIME(MIN)	1	60 5 5	5.00	00	29	29	0	0
N	1	58	3	TIME ZONE	4	11 11 11	11.00	00	29	29	0	0
N	1	61	3	SPD MADE GOOD(KNOTS)	1	100 100 110	104.48	4.29	29	29	0	0
N	1	64	2	COURSE MADE GOOD	0	35 NO VALUES FOUND FOR THIS PARAMETER						
N	1	66	3	HEIGHT ABOVE SEASURF WHOLE M	1	500 50 50	50.00	00	29	29	0	0
C	1	69	1	0100PLATFORM CODE					29			
C	1	70	1	0046SAMPLING TECHNIQUE					29			
C	1	71	1	0102SHIP ACTIVITY		NO VALUES FOUND FOR THIS PARAMETER						
C	1	72	1	0095PHOTO(S) TAKEN		NO VALUES FOUND FOR THIS PARAMETER						
C	1	73	1	0060WIDTH TRANSECT		NO VALUES FOUND FOR THIS PARAMETER						
C	1	74	1	0113VIEW CODE		NO VALUES FOUND FOR THIS PARAMETER						
C	1	75	1	0041OBSERVATION COND CODE		NO VALUES FOUND FOR THIS PARAMETER						
N	1	76	4	DISTANCE MADE GOOD KM TO .1	10	9999 NO VALUES FOUND FOR THIS PARAMETER						
C	1	80	1	0152WATCH TYPE CODE		NO VALUES FOUND FOR THIS PARAMETER						
N	1	81	3	TRANS WIDTH TENS OF METERS	10	999 NO VALUES FOUND FOR THIS PARAMETER						
Z	2	11	5	STATION NUMBER					29			
N	2	16	4	DEPTH TO BOTTOM WHOLE METERS	10	8000 NO VALUES FOUND FOR THIS PARAMETER						
N	2	20	3	DEPTH OF THERMOCLINE WHOLE M	1	500 NO VALUES FOUND FOR THIS PARAMETER						
N	2	23	4	SURFACE TEMP C TO .1	-20	320 NO VALUES FOUND FOR THIS PARAMETER						
N	2	27	3	SURFACE SALINITY PPT TO .1	100	360 NO VALUES FOUND FOR THIS PARAMETER						
N	2	30	4	DRY-BULB TEMP C TO .1	-320	400 70 70	70.00	00	21	21	0	0
N	2	34	4	WET-BULB TEMP C TO .1	-320	400 NO VALUES FOUND FOR THIS PARAMETER						

N 2	38	2	RELATIVE HUMIDITY(%)	10	99	NO VALUES FOUND FOR THIS PARAMETER				
N 2	40	4	BAROM PRESS MB TO .1	NO RANGE CHECKING		NO VALUES FOUND FOR THIS PARAMETER				
C 2	44	1	0186BAROMETRIC TREND			NO VALUES FOUND FOR THIS PARAMETER				
C 2	45	2	0110WIND DIRECTION				29			
N 2	47	2	WIND SPEED WHOLE KNOTS	0	80	7 10 9.17 1.35	29	29	0	0
C 2	49	1	0109SEA STATE			NO VALUES FOUND FOR THIS PARAMETER				
C 2	50	2	0110SWELL DIRECTION			NO VALUES FOUND FOR THIS PARAMETER				
N 2	52	3	SWELL HEIGHT M TO .1	0	400	NO VALUES FOUND FOR THIS PARAMETER				
C 2	55	2	0159WEATHER			NO VALUES FOUND FOR THIS PARAMETER				
C 2	57	1	0053CLOUD TYPE			NO VALUES FOUND FOR THIS PARAMETER				
C 2	58	1	0105CLOUD AMOUNT				26			
C 2	59	2	0051WATER COLOR			NO VALUES FOUND FOR THIS PARAMETER				
C 2	61	1	0157VISIBILITY				29			
C 2	62	1	0096SUN DIRECT CODE			NO VALUES FOUND FOR THIS PARAMETER				
C 2	63	1	0035GLARE INT CODE			NO VALUES FOUND FOR THIS PARAMETER				
C 2	64	1	0034GLARE AREA CODE			NO VALUES FOUND FOR THIS PARAMETER				
N 2	65	3	LIGHT LEVEL TENS OF FT CANDLES	1	999	NO VALUES FOUND FOR THIS PARAMETER				
C 2	68	1	0040MOON PHASE CODE			NO VALUES FOUND FOR THIS PARAMETER				
C 2	69	1	0049TIDE HT CODE			NO VALUES FOUND FOR THIS PARAMETER				
C 2	70	1	0187RISING/FALLING TIDE			NO VALUES FOUND FOR THIS PARAMETER				
N 2	71	4	DIST NEARESTSHORELINE N MILES	1	500	NO VALUES FOUND FOR THIS PARAMETER				
N 2	75	3	DIST SHELFBREAK N MILES	1	999	NO VALUES FOUND FOR THIS PARAMETER				
N 2	78	2	SECCHI DISK DEPTH WHOLE METERS	1	40	NO VALUES FOUND FOR THIS PARAMETER				
C 2	80	1	0116DEBRIS CODE			NO VALUES FOUND FOR THIS PARAMETER				
B 2	81	3					29			
Z 3	11	5	STATION NUMBER				29			
C 3	16	1	0054ICE COVER IN TRANS.				29			
C 3	17	1	0059TYPE CODE IN TRANSEC				27			
C 3	18	1	0057FORM CODE IN TRANSEC				27			
C 3	19	1	0107RELIEF C IN TRANSECT			NO VALUES FOUND FOR THIS PARAMETER				
C 3	20	1	0061THICKNESS C IN TRANS			NO VALUES FOUND FOR THIS PARAMETER				
C 3	21	1	0058MELT CODE IN TRANSEC			NO VALUES FOUND FOR THIS PARAMETER				
C 3	22	1	0054ICE COVER OUT TRANS.			NO VALUES FOUND FOR THIS PARAMETER				
C 3	23	1	0059TYPE CODE IN TRANSEC			NO VALUES FOUND FOR THIS PARAMETER				
C 3	24	1	0057FORM CODE IN TRANSEC			NO VALUES FOUND FOR THIS PARAMETER				
C 3	25	1	0107RELIEF C IN TRANSECT			NO VALUES FOUND FOR THIS PARAMETER				
C 3	26	1	0061THICKNESS C IN TRANS			NO VALUES FOUND FOR THIS PARAMETER				
C 3	27	1	0058MELT CODE IN TRANSEC			NO VALUES FOUND FOR THIS PARAMETER				
C 3	28	1	0158TYPE CODE-OPEN H2O			NO VALUES FOUND FOR THIS PARAMETER				
C 3	29	1	0056OPEN WATER DIRECTION			NO VALUES FOUND FOR THIS PARAMETER				
C 3	30	1	0106DIST TO OPEN WATER			NO VALUES FOUND FOR THIS PARAMETER				
C 3	31	1	0157LEAD OR POLYNA WIDTH			NO VALUES FOUND FOR THIS PARAMETER				
C 3	32	1	0055VISIB ICE DESCRIP.			NO VALUES FOUND FOR THIS PARAMETER				
C 3	33	1	0056VISIB ICE DIRECTION			NO VALUES FOUND FOR THIS PARAMETER				
C 3	34	1	0106DISTANCE CODE			NO VALUES FOUND FOR THIS PARAMETER				
C 3	35	1	0095ARCTIC COD OBS			NO VALUES FOUND FOR THIS PARAMETER				
C 3	36	1	0095EXCESS SEDIMENT			NO VALUES FOUND FOR THIS PARAMETER				
C 3	37	1	0095ICE ALGAE LAYER			NO VALUES FOUND FOR THIS PARAMETER				
C 3	38	1	0036MAMMAL TRACE CODE			NO VALUES FOUND FOR THIS PARAMETER				
C 3	39	1	0036OTHER FEATURES			NO VALUES FOUND FOR THIS PARAMETER				
C 3	40	1	0188PATTERN-INSIDE TRANS			NO VALUES FOUND FOR THIS PARAMETER				
C 3	41	1	0188PATTERN-OUTSIDE TRANS			NO VALUES FOUND FOR THIS PARAMETER				
C 3	42	1	0189SHIP IN WATER			NO VALUES FOUND FOR THIS PARAMETER				
C 3	43	1	0157WIDTH OF LEAD			NO VALUES FOUND FOR THIS PARAMETER				
C 3	44	1	0157DIS.SHIP-LEAD/POLYNYA			NO VALUES FOUND FOR THIS PARAMETER				
N 3	45	2	TIME OF ICE CONDITION WHOLE MIN	0	99	NO VALUES FOUND FOR THIS PARAMETER				
N 3	47	2	%WATER VS LAND COVERED	0	99	NO VALUES FOUND FOR THIS PARAMETER				
C 3	49	1	0013SIZE OF PONDS			NO VALUES FOUND FOR THIS PARAMETER				
C 3	50	1	0057OPEN H2O ICE DESCRIP			NO VALUES FOUND FOR THIS PARAMETER				
C 3	51	1	0065OPEN H2O ICE COVER			NO VALUES FOUND FOR THIS PARAMETER				

033TR 1689504007

			LOW	HIGH	LOWEST	HIGHEST	MEAN	S. DEV	COUNT	FP	FP=1	>=1	
Z 1	11	5 STATION NUMBER							12				
M 1	16	2 LAT DEG	40		89	64	64.25	43	12	12	0	0	
M 1	18	2 LAT MIN	0		59	0	27.00	15.48	12	12	0	0	
N 1	20	2 LAT SEC	0		59	0	12.08	14.35	12	12	0	0	
C 1	22	1 0500LAT HEM							12				
M 1	23	3 LON DEG	60		179	161	164.58	1.95	12	12	0	0	
M 1	26	2 LON MIN	0		59	10	30.41	11.68	12	12	0	0	
N 1	28	2 LON SEC	0		59	0	00	00	12	12	0	0	
C 1	30	1 0501LON HEM							12				
M 1	31	2 YEAR START	NO RANGE CHECKING			75	75	75.00	00	12	12	0	0
M 1	33	2 MONTH START	1		12	8	8.08	36	12	12	0	0	
M 1	35	2 DAY START	1		31	2	23.41	7.95	12	12	0	0	
N 1	37	2 HOUR START	0		23	0	12.71	9.65	7	7	0	0	
N 1	39	2 MINUTE START	0		59	0	27.50	15.20	6	6	0	0	
M 1	41	2 LAT DEG END	40		89	64	64.25	43	12	12	0	0	
M 1	43	2 LAT MIN END	0		59	0	27.91	15.60	12	12	0	0	
N 1	45	2 LAT SEC END	0		59	0	11.66	13.90	12	12	0	0	
C 1	47	1 0500LAT HEM							12				
M 1	48	3 LON DEG END	60		179	161	164.91	2.14	12	12	0	0	
M 1	51	2 LON MIN END	0		59	8	26.58	10.80	12	12	0	0	
N 1	53	2 LON SEC END	0		59	0	2.50	8.29	12	12	0	0	
C 1	55	1 0501LON HEM							12				
N 1	56	2 ELAPSED TIME(MIN)	1		60	20	36.66	17.01	3	3	0	0	
N 1	58	3 TIME ZONE	4		11	11	11.00	00	12	12	0	0	
N 1	61	3 SPD MADE GOOD(KNOTS)	1		100	NO VALUES FOUND FOR THIS PARAMETER							
N 1	64	2 COURSE MADE GOOD	0		35	NO VALUES FOUND FOR THIS PARAMETER							
N 1	66	3 HEIGHT ABOVE SEASURF WHOLE M	1		500	NO VALUES FOUND FOR THIS PARAMETER							
C 1	69	1 0100PLATFORM CODE							12				
C 1	70	1 0046SAMPLING TECHNIQUE							12				
C 1	71	1 0102SHIP ACTIVITY				NO VALUES FOUND FOR THIS PARAMETER							
C 1	72	1 0095PHOTO(S) TAKEN				NO VALUES FOUND FOR THIS PARAMETER							
C 1	73	1 0060WIDTH TRANSECT				NO VALUES FOUND FOR THIS PARAMETER							
C 1	74	1 0113VIEW CODE				NO VALUES FOUND FOR THIS PARAMETER							
C 1	75	1 0041OBSERVATION COND CODE				NO VALUES FOUND FOR THIS PARAMETER							
N 1	76	4 DISTANCE MADE GOOD KM TO .1	10		9999	NO VALUES FOUND FOR THIS PARAMETER							
C 1	80	1 0152WATCH TYPE CODE				NO VALUES FOUND FOR THIS PARAMETER							
N 1	81	3 TRANS WIDTH TENS OF METERS	10		999	NO VALUES FOUND FOR THIS PARAMETER							
Z 2	11	5 STATION NUMBER							12				
N 2	16	4 DEPTH TO BOTTOM WHOLE METERS	10		8000	NO VALUES FOUND FOR THIS PARAMETER							
N 2	20	3 DEPTH OF THERMOCLINE WHOLE M	1		500	NO VALUES FOUND FOR THIS PARAMETER							
N 2	23	4 SURFACE TEMP C TO .1	-20		320	NO VALUES FOUND FOR THIS PARAMETER							
N 2	27	3 SURFACE SALINITY PPT TO .1	100		360	NO VALUES FOUND FOR THIS PARAMETER							
N 2	30	4 DRY-BULB TEMP C TO .1	-320		400	70	130	112.50	19.20	12	12	0	0
N 2	34	4 WET-BULB TEMP C TO .1	-320		400	NO VALUES FOUND FOR THIS PARAMETER							
N 2	38	2 RELATIVE HUMIDITY(%)	10		99	NO VALUES FOUND FOR THIS PARAMETER							
N 2	40	4 BAROM PRESS MB TO .1	NO RANGE CHECKING			NO VALUES FOUND FOR THIS PARAMETER							
C 2	44	1 0186BAROMETRIC TREND				NO VALUES FOUND FOR THIS PARAMETER							
C 2	45	2 0110WIND DIRECTION				NO VALUES FOUND FOR THIS PARAMETER			10				
N 2	47	2 WIND SPEED WHOLE KNOTS	0		80	3	10	8.09	2.97	10	10	0	0
C 2	49	1 0109SEA STATE							1				
C 2	50	2 0110SWELL DIRECTION				NO VALUES FOUND FOR THIS PARAMETER							
N 2	52	3 SWELL HEIGHT M TO .1	0		400	NO VALUES FOUND FOR THIS PARAMETER							
C 2	55	2 0159WEATHER				NO VALUES FOUND FOR THIS PARAMETER			1				
C 2	57	1 0053CLOUD TYPE				NO VALUES FOUND FOR THIS PARAMETER							
C 2	58	1 0105CLOUD AMOUNT				NO VALUES FOUND FOR THIS PARAMETER			12				
C 2	59	2 0051WATER COLOR				NO VALUES FOUND FOR THIS PARAMETER							
C 2	61	1 0157VISIBILITY				NO VALUES FOUND FOR THIS PARAMETER							
C 2	62	1 0096SUN DIRECT CODE				NO VALUES FOUND FOR THIS PARAMETER							
C 2	63	1 0035GLARE INT CODE				NO VALUES FOUND FOR THIS PARAMETER							

C 2	64	1	0034GLARE AREA CODE			NO VALUES FOUND FOR THIS PARAMETER				
N 2	65	3	LIGHT LEVEL TENS OF FT CANDLES	1	999	NO VALUES FOUND FOR THIS PARAMETER				
C 2	68	1	0040MOON PHASE CODE			NO VALUES FOUND FOR THIS PARAMETER				
C 2	69	1	0049TIDE HT CODE			NO VALUES FOUND FOR THIS PARAMETER				
C 2	70	1	0187RISING/FALLING TIDE			NO VALUES FOUND FOR THIS PARAMETER				
N 2	71	4	DIST NEARESTSHORELINE N MILES	1	500	NO VALUES FOUND FOR THIS PARAMETER				
N 2	75	3	DIST SHELFBREAK N MILES	1	999	NO VALUES FOUND FOR THIS PARAMETER				
N 2	78	2	SECCHI DISK DEPTH WHOLE METERS	1	40	NO VALUES FOUND FOR THIS PARAMETER				
C 2	80	1	0116DEBRIS CODE			NO VALUES FOUND FOR THIS PARAMETER				
B 2	81	3								12
Z 3	11	5	STATION NUMBER							12
C 3	16	1	0054ICE COVER IN TRANS.			NO VALUES FOUND FOR THIS PARAMETER				
C 3	17	1	0059TYPE CODE IN TRANSEC			NO VALUES FOUND FOR THIS PARAMETER				
C 3	18	1	0057FORM CODE IN TRANSEC			NO VALUES FOUND FOR THIS PARAMETER				
C 3	19	1	0107RELIEF C IN TRANSECT			NO VALUES FOUND FOR THIS PARAMETER				
C 3	20	1	0061THICKNESS C IN TRANS			NO VALUES FOUND FOR THIS PARAMETER				
C 3	21	1	0058MELT CODE IN TRANSEC			NO VALUES FOUND FOR THIS PARAMETER				
C 3	22	1	0054ICE COVER OUT TRANS.			NO VALUES FOUND FOR THIS PARAMETER				
C 3	23	1	0059TYPE CODE IN TRANSEC			NO VALUES FOUND FOR THIS PARAMETER				
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C 3	26	1	0061THICKNESS C IN TRANS			NO VALUES FOUND FOR THIS PARAMETER				
C 3	27	1	0058MELT CODE IN TRANSEC			NO VALUES FOUND FOR THIS PARAMETER				
C 3	28	1	0158TYPE CODE-OPEN H2O			NO VALUES FOUND FOR THIS PARAMETER				
C 3	29	1	0056OPEN WATER DIRECTION			NO VALUES FOUND FOR THIS PARAMETER				
C 3	30	1	0106DIST TO OPEN WATER			NO VALUES FOUND FOR THIS PARAMETER				
C 3	31	1	0157LEAD OR POLYNA WIDTH			NO VALUES FOUND FOR THIS PARAMETER				
C 3	32	1	0055VISIB ICE DESCRIP.			NO VALUES FOUND FOR THIS PARAMETER				
C 3	33	1	0056VISIB ICE DIRECTION			NO VALUES FOUND FOR THIS PARAMETER				
C 3	34	1	0106DISTANCE CODE			NO VALUES FOUND FOR THIS PARAMETER				
C 3	35	1	0095ARCTIC COD OBS			NO VALUES FOUND FOR THIS PARAMETER				
C 3	36	1	0095EXCESS SEDIMENT			NO VALUES FOUND FOR THIS PARAMETER				
C 3	37	1	0095ICE ALGAE LAYER			NO VALUES FOUND FOR THIS PARAMETER				
C 3	38	1	0036MAMMAL TRACE CODE			NO VALUES FOUND FOR THIS PARAMETER				
C 3	39	1	0036OTHER FEATURES			NO VALUES FOUND FOR THIS PARAMETER				
C 3	40	1	0188PATTERN-INSIDE TRANS			NO VALUES FOUND FOR THIS PARAMETER				
C 3	41	1	0188PATTERN-OUTSIDE TRANS			NO VALUES FOUND FOR THIS PARAMETER				
C 3	42	1	0189SHIP IN WATER			NO VALUES FOUND FOR THIS PARAMETER				
C 3	43	1	0157WIDTH OF LEAD			NO VALUES FOUND FOR THIS PARAMETER				
C 3	44	1	0157DIS.SHIP-LEAD/POLYNYA			NO VALUES FOUND FOR THIS PARAMETER				
N 3	45	2	TIME OF ICE CONDITION WHOLE MIN	0	99	NO VALUES FOUND FOR THIS PARAMETER				
N 3	47	2	%WATER VS LAND COVERED	0	99	5 80 39.58 20.26	12	12	0	0
C 3	49	1	0013SIZE OF PONDS				12			
C 3	50	1	0057OPEN H2O ICE DESCRIP			NO VALUES FOUND FOR THIS PARAMETER				
C 3	51	1	0065OPEN H2O ICE COVER			NO VALUES FOUND FOR THIS PARAMETER				
B 3	52	26					12			
N 3	78	3	SEQUENCE NUMBER			NO RANGE CHECKING				
B 3	81	3					12			
Z 4	11	5	STATION NUMBER				2			
N 4	78	3	SEQUENCE NUMBER			NO RANGE CHECKING	1	1	1.00	00
B 4	81	3					2	2	0	0
Z 5	11	5	STATION NUMBER				100			
N 5	16	2	TIME WHOLE MIN	0	99	NO VALUES FOUND FOR THIS PARAMETER				
T 5	18	12	TAXONOMIC CODE TO SUBSPECIES				100			
Z 5	30	2	INVES SPECIES GROUP				12			
C 5	32	1	0112AGE CLASS GROUP				2			
C 5	33	1	0101SEX CODE			NO VALUES FOUND FOR THIS PARAMETER				
C 5	34	1	0115COLOR PHASE CODE			NO VALUES FOUND FOR THIS PARAMETER				
C 5	35	1	0043PLUMAGE CODE			NO VALUES FOUND FOR THIS PARAMETER				
C 5	36	1	0039MULT CODE			NO VALUES FOUND FOR THIS PARAMETER				

N 5	37	5 # OF INDIVIDUALS WHOLE NUMBER	1	99999	1	650	74.56	126.89	100	100	0	0
C 5	42	1 0097COUNTING METHOD										
C 5	43	1 0044RELIABILITY CODE										
C 5	44	1 0118DISTANCE MEASUREMENT TYPE										
N 5	45	3 DIST OBS PLAT TO BIRDS METERS	1	999								
N 5	48	2 DIREC OF FLIGHT IN TENS OF DEG	0	35								
C 5	50	1 0050ASSOCIATION CODE										
N 5	51	3 LNKG FOR MULTISPEC.	1	999								
N 5	54	2 # SPECIES PARTIC.	1	99								
C 5	56	2 0142BEHAVIOR CODE										
C 5	58	1 0047SPEC.MARKS CODE										
C 5	59	1 0114BIRD CONDITION										
C 5	60	1 0032FOOD SOURCE ASSOCIATION										
C 5	71	1 0116DEBRIS CODE										
C 5	72	1 0099OIL CODE										
N 5	73	3 DIST NR BREED COLONY N MILES	1	999								
C 5	76	2 0098HABITAT CODE										
N 5	78	3 SEQUENCE NUMBER										
C 5	81	1 0103SUBSTRATE CODE										
C 5	82	1 0143COVER CODE										
C 5	83	1 0042OUTSIDE ZONE										

NO RANGE CHECKING

RECORDS READ : 138

TAPE ASSIGNMENT SHEET (MRL) 11/6/78

ACCESSION NO: 77-0651

TR 1689-92

TYPE OF TAPE	TAPE-NUMBER	LABEL	LRECL	B/KSIZE	RECFM	REMARKS
ORIGINATOR	DKT103	NL	83	83		FILE 2
QUAD 17 DUPLICATE	014611	NL	83	4365		
DUPLICATE REFORMATTED	10994	SL	83	4150		DSN = TR 1689
FIRST USER	007808	"	"	"		"
FINAL USER						

RECORD FORMAT DESCRIPTION

RECORD NAME

77-0651

TR 1689 - TR 1692

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
				(1) SORTED BY (1) TRACK (2) STATION (3) RECORD TYPE	
				(2) BLANK FIELDS in Col. 11, 12, 13 & 14 WERE ZEROED IN	
				(3) TR 1692 STATION 02004 & 02005 CHANGED TO 02003	
				(4) TR 1692 STATION 06003 CHANGED TO 06002	
				(5) TR 1690 Col 22 LAT HEM CHANGED FROM M to N	

Elaine



College of the Atlantic

Bar Harbor, Maine 04609

10 October 1979

OCT 15 1979

Jim Audet
National Oceanographic Data Center
NOAA
U.S. Dept. of Commerce
Environmental Data Service
Washington, D.C. 20235

Dear Jim,

Enclosed are the corrections of file types 033 WD5WFS and WD6WFS. I'm still baffled about how the track number "TRI690" came to appear in the position for file identification number. Corrections other than file I.D. include an incomplete wind direction code and an inaccurate time conversion from Bering to Greenwich Mean; these are marked on the printout, and so are the taxonomic code corrections.

I'm sorry for this delay in completing your request for corrections. Thank you.

Best to you,

Cathy Ramsdell (R.U. 237)

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: Jim Audet, EDS Data Coordinator National Oceanographic Data Center D781	REFER TO
	ATTENTION

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

☐ ORDINARY MAIL ☐ REGISTERED MAIL ☐ AIR MAIL ☐ CERTIFIED MAIL ☐ GOVERNMENT TRUCK ☐ BY HAND ☐ OTHER

SUBMISSION OF DATA: R.U. 237

A typographical error has been detected on the transmittal letter for R.U.237 sent out on October 11, 1977. The submission of data was 4 floppy disks, 1 complete printout, and 1 DDF. This data was incorrectly labelled as follows:

237 035 WD6BLF
ON FOOT
76-05-27-----76-10-15

The labels for these data are as follows:

237 035 WD6KGI
ON FOOT
760527---761015

237 035 WD6SLG
ON FOOT
760527---761015

237 035 WD5SLG
ON FOOT
750615---750925

237 035 WD5BLF
ON FOOT
750615---75025

Please make the necessary corrections to your records.
Please run NODC's check program on the above data set to check format compatibility and return the results to Mx. Toni Johnson. Thank you.

cc: T. Johnson
M. Crane
W. Fisher
W. Drury

FORWARDED BY (Signature) Francesca Cava <i>MCava</i>	TITLE Data Manager, Juneau Project Office	DATE FORWARDED OCT 18 1977
RECEIVED BY (Signature)	TITLE	DATE RECEIVED

TRANSMITTAL AND RECEIPT RECORD

(Please sign and return carbon copy acknowledging receipt)

TO: Jim Audet, EDS Data Coordinator
National Oceanographic Data Center D781

REFER TO

ATTENTION

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

☐ ORDINARY MAIL ☐ REGISTERED MAIL ☐ AIR MAIL ☐ CERTIFIED MAIL ☐ GOVERNMENT TRUCK ☐ BY HAND ☐ OTHER

SUBMISSION OF DATA: R.U. 237

Under separate cover are 4 floppydisks, 1 complete printout and 1 DDF.
This data is labelled as follows:237 035 WD6BLF
ON FOOT
76-05-27 76-10-15 DruryPlease run NODC's check program on the above data set to check format
compatability and return the results to Ms. Toni Johnson. Thank you.cc:
W. Fischer
T. Johnson
M. Crane
W. Drury

FORWARDED BY (Signature)

Francesca M. Cava

MCava

TITLE

Data Manager, Juneau Project Office

DATE FORWARDED

OCT 11 1977

RECEIVED BY (Signature)

TITLE

DATE RECEIVED

033

SDF1	
SDF2	002172
ANSE	
TR	565,566,580,581,609-611,1298,1689-1692,2339-2373, 2377,2378,2738-2742,2744-2758,2760-2767,2769,2789, 2838-2854,2916-2918,3106-3113,3251-3258,3479, 3481-3488,3571-3581,3584-3593,3634-3645,3804-3816, 3842-3869,3957-3961,4179-4185,4318-4324,4796, 5392-5404,6114
	274,275

accession no: 77-0651

OCSEAP Bids

Password:

accNo	fleA	refNo	proj	inst	ship	startDate	cruise	catId
7700651	F033	TR1689	0081	31X5	3191	1975/08/19	NULL	304864
7700651	F033	TR1691	0081	31X5	3191	1976/08/06	NULL	304866
7700651	F033	TR1692	0081	31X5	3191	1976/05/29	NULL	304867
7700651	F033	TR1690	0081	31X5	3191	1976/06/05	NULL	304865

(4 rows affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
7700651	F033	TR1689	3191	12	138	75/08/19	75/09/02
7700651	F033	TR1691	3191	183	810	76/08/06	76/08/14
7700651	F033	TR1692	3191	90	774	76/05/29	76/10/11
7700651	F033	TR1690	3191	29	170	76/06/05	76/06/05

(4 rows affected)