

## DDF-B:2:05 DATA DOCUMENTATION FORM

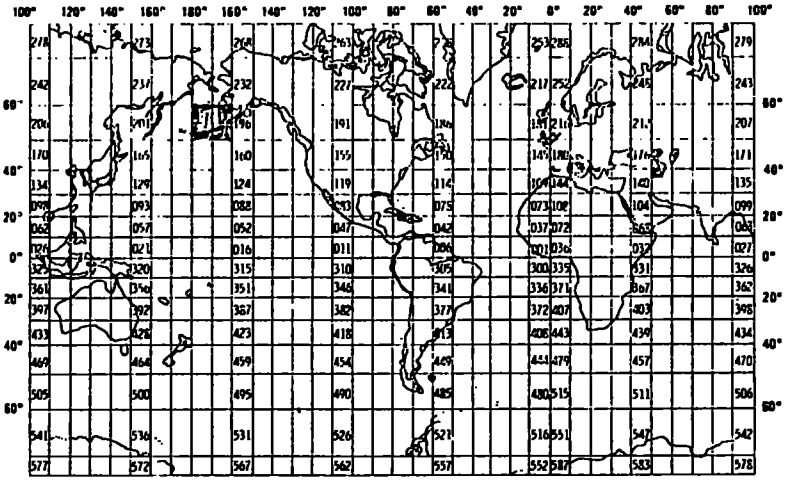
This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications,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

IN HOUSE

1890 records

## 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 <i>Joseph S. Hickey Russell Laboratories University of Wisconsin Madison, Wisconsin</i>											
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>OCEAN - Pribilof Island Bird Census</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <i>Pribilof 1975 File ID = HICKEY</i>									
4. PLATFORM NAME(S) <i>NONE (ON FOOT)</i>	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) <i>NONE</i>	6. PLATFORM AND OPERATOR NATIONALITY(IES) <table border="1"><thead><tr><th>PLATFORM</th><th>OPERATOR</th></tr></thead><tbody><tr><td><i>U.S.</i></td><td><i>U.S.</i></td></tr></tbody></table>	PLATFORM	OPERATOR	<i>U.S.</i>	<i>U.S.</i>	7. DATES <table border="1"><thead><tr><th>FROM: MO, DAY, YR</th><th>TO: MO, DAY, YR</th></tr></thead><tbody><tr><td><i>6/28/75</i></td><td><i>8/8/75</i></td></tr></tbody></table>	FROM: MO, DAY, YR	TO: MO, DAY, YR	<i>6/28/75</i>	<i>8/8/75</i>
PLATFORM	OPERATOR										
<i>U.S.</i>	<i>U.S.</i>										
FROM: MO, DAY, YR	TO: MO, DAY, YR										
<i>6/28/75</i>	<i>8/8/75</i>										
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES  IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR _____ MONTH _____		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED.  GENERAL AREA 									
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)											
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)  <i>J. C. Gray Vancouver B.C. Canada</i>											

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

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

RECORD TYPE 1	with a 1 in column 10
RECORD TYPE 2	" " 2 " " "
RECORD TYPE 4	" " 4 " " "
RECORD TYPE 5	" " 5 " " "

NO CARD TYPE 3 IN THIS DATA

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

ORIG. TAPE  
VOL=SER= BIRD0C, 9 TRK, DSN=IN, LABEL=(,NL), DEN=2,  
DCB=(RECFM=U, LRECL=80, BLKSIZE=4400)

COPY ORIG. TAPE  
VOL=SER=11879, 9 TRK, DSN= BIRD.0CSEAP, LABEL=(,SL),  
DCB=(RECFM=FB, LRECL=80, BLKSIZE=4480)

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER \_\_\_\_\_

ADDRESS \_\_\_\_\_

ORIG. TAPE

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

NOTE: ON TAPE COVER:  
NO TAPE LABEL, last data block followed  
by 2 hardware end-of-file marks

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
7. PARITY <input 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)  DR. J. J. Hickey Dept of Wildlife Ecology Univ. of Wisconsin - Madison Princeton 1975
8. DENSITY <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES  13. LENGTH OF BYTES IN BITS

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

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

RECORD TYPES SAME AS ORIGINATOR TAPE

CORRECTIONS MADE TO USER TAPE:

ON THREE CARD TYPE I Column 29-31 13W changed to 3WF  
CORRECTIONS MADE - TO ELIMINATE ALPHA CHAR (W) in Date Field

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

USER (CORRECTED) TAPE

VOL=SER=005544, 9 TRK, LABEL=(,SL), DSN=BIRD00CSP,  
DCB=(RECFM=FB, BLKSIZE=4480, LRECL=80)

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 checked="" type="checkbox"/> EBCDIC</p> <p><input type="checkbox"/> _____</p>	<p>9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH</p> <p><input type="checkbox"/> _____</p>
<p>6. NUMBER OF TRACKS (CHANNELS)</p> <p><input type="checkbox"/> SEVEN</p> <p><input checked="" type="checkbox"/> NINE</p> <p><input type="checkbox"/> _____</p>	<p>10. END OF FILE MARK <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 checked="" 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>

# 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

*Master Disk Format (Load Control)*

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

*J. Carey - Univ. Wisconsin*

*NO TAPE LABEL*

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE

☐ BCD ☐ BINARY

☐ ASCII ☒ EBCDIC

☐ \_\_\_\_\_

6. NUMBER OF TRACKS  
(CHANNELS)

☐ SEVEN

☒ NINE

☐ \_\_\_\_\_

7. PARITY

☐ ODD

☐ EVEN

8. DENSITY

☐ 200 BPI ☐ 1600 BPI

☐ 556 BPI

☒ 800 BPI

☐ \_\_\_\_\_

9. LENGTH OF INTER-

RECORD GAP (IF KNOWN) ☐ 3/4 INCH

☐ \_\_\_\_\_

10. END OF FILE MARK

*Let file be marked* ☐ OCTAL 17

*by the CAS* ☐ \_\_\_\_\_

11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE  
ORIGINATOR NAME AND SOME KEY SPECIFICATIONS  
OF DATA TYPE, VOLUME NUMBER)

*TT 5162*

12. PHYSICAL BLOCK LENGTH IN BYTES

*1100 7 1100 1 1100 1 1100 1*

13. LENGTH OF BYTES IN BITS

**C. DATA FORMAT** Land Census

76-1386

2-20-76

**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**

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**

**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**

<b>5. RECORDING MODE</b> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input type="checkbox"/> EBCDIC <input type="checkbox"/> _____	<b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
<b>6. NUMBER OF TRACKS (CHANNELS)</b> <input type="checkbox"/> SEVEN <input type="checkbox"/> NINE <input type="checkbox"/> _____	<b>10. END OF FILE MARK</b> <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
<b>7. PARITY</b> <input type="checkbox"/> ODD <input type="checkbox"/> EVEN	<b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b>          
<b>8. DENSITY</b> <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 536 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	
<b>12. PHYSICAL BLOCK LENGTH IN BYTES</b>  <b>13. LENGTH OF BYTES IN BITS</b>  	

# RECORD FORMAT DESCRIPTION

2-200

CORD NAME Location - Land 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 '034'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Station Number	11	5	Bytes	A5	
Latitude,					(Starting position corresponding to 0,0 on grid)
Degrees	16	2	Bytes	I2	
Minutes	18	2	Bytes	I2	
Seconds	20	2	Bytes	I2	
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'
Date - Time GMT					
Year	31	2	Bytes	I2	Last two digits of year
Month	33	2	Bytes	I2	1-12
Day	35	2	Bytes	I2	1-31
Hour	37	2	Bytes	I2	0-23
Minute	39	2	Bytes	I2	0-59
Latitude,					(Ending position corresponding to (max, 0) on grid)
Degrees	41	2	Bytes	I2	
Minutes	43	2	Bytes	I2	
Seconds	45	2	Bytes	I2	
Hemisphere	47	1	Bytes	A1	'N' or 'S'

## RECORD FORMAT DESCRIPTION

D NAME Location - Land Census (Continued)

2-20-76

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Longitude,					
Degrees	48	3	Bytes	I2	
Minutes	51	2	Bytes	I2	
Seconds	53	2	Bytes	I2	
Hemisphere	55	1	Bytes	A1	'E' or 'W'
Elapsed Time	56	3	Bytes	I3	In whole minutes
Speed Made Good	59	3	Bytes	I3	In whole knots
Unit Dimension	62	3	Bytes	I3	In whole meters, (X- and y- axis must be equal)
No. of units in x-axis	65	2	Bytes	I2	In whole numbers
No. of units in y-axis	67	2	Bytes	I2	In whole numbers
Photo(s) taken	69	1	Bytes	A1	Use collection code
Blank	70	11	Bytes	11X	

# RECORD FORMAT DESCRIPTION

WORD NAME Environmental - Land Census

2-20-76

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 '034'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
Station Number	11	5	Bytes	A5	
✓ Surface Salinity	16	3	Bytes	I3	Parts/thousand to tenths
✓ Dry Bulb Temperature	19	4	Bytes	I4	In tenths of deg. C
✓ Wet Bulb Temperature	23	4	Bytes	I4	In tenths of deg. C
✓ Relative Humidity	27	2	Bytes	I2	Percent (00-99)
Barometric Pressure	29	4	Bytes	I4	In tenths of millibars
Barometric Trend	33	1	Bytes	A1	'+' = rising, '0' = steady, '-' = falling
✓ Wind Direction	34	2	Bytes	I2	In tens of degrees WMO Codes 0885 and 0877
✓ Wind Speed	36	2	Bytes	I2	In whole knots
✓ Breaker Height	38	1	Bytes	A1	WMO Code 3700
✓ Weather Code	39	2	Bytes	A2	WMO Code 4677 (00-99)
✓ Cloud Type	41	1	Bytes	A1	WMO Code 0500
✓ Cloud Amount	42	1	Bytes	A1	WMO Code 2700
✓ Visibility	43	1	Bytes	A1	WMO Code 4300
✓ Tide Height Code	44	1	Bytes	A1	
✓ Rising or Falling Tide	45	1	Bytes	A1	'+' = rising, '-' = falling
Distance to Near- est Shoreline	46	4	Bytes	I4	In whole nautical miles
✓ Debris Code	50	1	Bytes	A1	
Blank	51	30	Bytes	30X	



## RECORD FORMAT DESCRIPTION

5

2-20-76

ORD NAME Ice - Land 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

RF RD NAME Ice - Land 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		
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
Distance Code	34	1	Bytes	A1	WMO 3600 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

# RECORD FORMAT DESCRIPTION

2-20-76

WORD NAME Text - Land 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 '034'
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 Number	78	3	Bytes	I3	Ascending numeric, used for sorting

# RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Data - Land Census

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <u>Bytes</u> (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '034'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '5'
Station Number	11	5	Bytes	A5	
X-coordinate	16	2	Bytes	I2	} Unit number as specified in location card
Y-coordinate	18	2	Bytes	I2	
✓ Taxonomic Code	20	10	Bytes	I10	
Sub Species	30	2	Bytes	I2	
Species Group	32	2	Bytes	A2	
e Class Group Code	34	1	Bytes	A1	
Sex Code	35	1	Bytes	A1	
Color Phase Code	36	1	Bytes	A1	
Plumage Code	37	1	Bytes	A1	
Molt Code	38	1	Bytes	A1	
✓ Number of Individuals	39	6	Bytes	I6	Whole numeric
Direction of Flight	45	2	Bytes	I2	In tens of degrees (01-36) use applicable portion of WMO Codes 0885 and 0877
Association Code, Type of Assoc- iation Code	47	1	Bytes	A1	
Linkage for Multispecies (sequence number)	48	3	Bytes	I3	Sequence number of the group within one observation time block (blank for single birds)
Number of Species participating	51	2	Bytes	I2	Should equal the number of cards with the same sequence number, bytes 48-50
Behavior (Activity) Code	53	2	Bytes	A2	

# RECORD FORMAT DESCRIPTION

2-20-76

CORD NAME Data - Land 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		
Food Source Association Code	55	1	Bytes	A1	
Taxonomic Code for Food Species	56	10	Bytes	I10	
✓ Debris Code	66	1	Bytes	A1	
Oil Code	67	1	Bytes	A1	
Distance from Nearest Breeding Colony	68	3	Bytes	I3	In whole nautical miles
Blank	71	7	Bytes	7X	
Sequence Number	78	3	Bytes	I3	Ascending numeric, for sorting purposes.

20-76

PUNCH CARD TRANSCRIPT

LAND CENSUS

PUNCH CARD TRANSCRIPT



**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
ENVIRONMENTAL RESEARCH LABORATORIES

Outer Continental Shelf Environmental  
Assessment Program  
Bering Sea-Gulf of Alaska Project Office  
P. O. Box 1808  
Juneau, Alaska 99802  
PH: 907-586-7432

Date : September 24, 1976

To : Jim Audet  
EDS Data Coordinator

From : F. M. Cava, Assistant Data Manager *FMCava*  
NOAA/OCSEAP - Juneau Project Office

Subject: Transmittal of DDF for R.U. 38.

Enclosed please find the DDF for R.U. 38's data submitted in June 1976 by this office. If there are any discrepancies found in the data or DDF please notify me. Thank you.

cc: D. Day  
M. Crane  
J. Hickey





## DATA DOCUMENTATION FORM

NOAA FORM 24-13

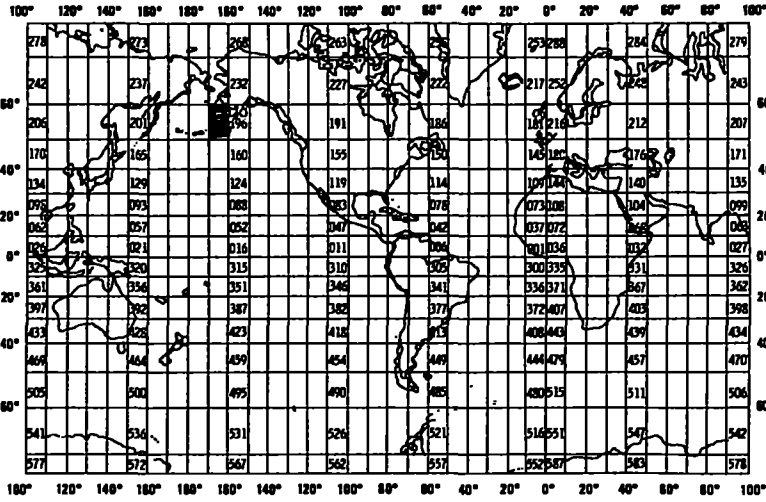
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEANOGRAPHIC DATA CENTER  
RECORDS SECTION  
ROCKVILLE, MARYLAND 20852FORM APPROVED  
O.M.B. No. 41-R2651

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

## A. ORIGINATOR IDENTIFICATION

ORIGINATOR

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 Department of Wildlife Ecology University of Wisconsin - Madison Madison, Wisconsin 53706					
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED Outer Continental Shelf Energy Program		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT File Identifier # HICKEY			
4. PLATFORM NAME(S) NONE	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.) land census NONE	6. PLATFORM AND OPERATOR NATIONALITY(IES) N/A		7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR June 28, 75 Aug 8, 75	
		8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA 	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNATIONAL EXCHANGE?) <input checked="" type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)		10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Dr. J. J. Hickey Dept. of Wildlife Ecology University of Wisconsin Madison, WI 53706			

## B. SCIENTIFIC CONTENT

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

### EXAMPLE (HYPOTHETICAL INFORMATION)

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	φ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

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

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
numbers of individual birds on land.	total number per station	naked eye; binoculars, 7x35, 8x30, 10x30; telescope 15-60 power		
numbers of nests	total number per station coded by 'NC' in behavior code (Bytes 535)	same		
numbers of individual birds flying	total number per station	same	estimated in groups of ten (10) unless otherwise mentioned	
total weight	gm	300 gm spring scale		
size of testes	mm	N/A	length of left testis	
size of ovaries	mm	N/A	dia. of largest ovum	

## B. SCIENTIFIC CONTENT

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

## C. DATA FORMAT

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

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

# C. DATA FORMAT

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

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

Record types 1, 2, 4, and 5 are submitted in file type 034, identified by their respective number in column 10.  
Record type H is submitted in file type 035.  
(Note: No record type H in this file, etc)

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The file is organized in chronological order (some discrepancies). Station numbers refer to original notebook pages. Within each station block, record types are sequenced in ascending order

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER

ADDRESS

John Cary 608-262-1984  
Dept of Wildlife Ecology, Univ. of Wis. Madison WI 53706

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

<b>5. RECORDING MODE</b> <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	<b>9. LENGTH OF INTER-RECORD GAP (IF KNOWN)</b> <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> _____
<b>6. NUMBER OF TRACKS (CHANNELS)</b> <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	<b>10. END OF FILE MARK</b> <input type="checkbox"/> OCTAL 17 <input type="checkbox"/> _____
<b>7. PARITY</b> <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	<b>11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)</b> DR. J.J. HICKEY TRIBILOF ISLANDS SEABIRD CENSUS NUMBERS OF BIRDS PRESENT ON CLIFFS, FILE TYPE 034
<b>8. DENSITY</b> <input type="checkbox"/> 200 BPI <input type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input checked="" type="checkbox"/> 800 BPI <input type="checkbox"/> _____	<b>12. PHYSICAL BLOCK LENGTH IN BYTES</b> 4400 (80 X 55) <b>13. LENGTH OF BYTES IN BITS</b> _____

ORIGINATOR'S TAPE IS CALLED BIRDOC.

# RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Location - Land Census

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., 8th, byte)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '034'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '1'
Station Number	11	5	Bytes	A5	
Latitude,					(Starting position corresponding to 0,0 on grid)
Degrees	16	2	Bytes	I2	
Minutes	18	2	Bytes	I2	
Seconds	20	2	Bytes	I2	
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'
Date - Time GMT					
Year	31	2	Bytes	I2	Last two digits of year
Month	33	2	Bytes	I2	1-12
Day	35	2	Bytes	I2	1-31
Hour	37	2	Bytes	I2	0-23
Minute	39	2	Bytes	I2	0-59
Latitude,					(Starting position corresponding to (max, 0) on grid)
Degrees	41	2	Bytes	I2	
Minutes	43	2	Bytes	I2	
Seconds	45	2	Bytes	I2	
Hemisphere	47	1	Bytes	A1	'N' or 'S'

# RECORD FORMAT DESCRIPTION

2

RECORD NAME Location - Land Census (Continued)

2-20-76

11. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
Longitude,					
Degrees	48	3	Bytes	I2	
Minutes	51	2	Bytes	I2	
Seconds	53	2	Bytes	I2	
Hemisphere	55	1	Bytes	A1	'E' or 'W'
Elapsed Time	56	3	Bytes	I3	In whole minutes
<del>Speed Made Good</del>	<del>59</del>	<del>3</del>	<del>Bytes</del>	<del>I3</del>	<del>In whole knots</del>
Unit Dimension	62	3	Bytes	I3	In whole meters, (X- and y- ords must be equal)
No. of units in X-axis	65	2	Bytes	I2	In whole numbers
<del>No. of units in y axis</del>	<del>67</del>	<del>2</del>	<del>Bytes</del>	<del>I2</del>	<del>In whole numbers</del>
<del>i co(s) taken</del>	<del>69</del>	<del>1</del>	<del>Bytes</del>	<del>A1</del>	<del>Use collection code</del>
Blank	70	11	Bytes	11X	



# RECORD FORMAT DESCRIPTION

RECORD NAME Environmental - Land Census

2-20-76

13. FIELD NAME	14. POSITION FROM - 1 MEASURED IN Bytes (0-4, bits, bytes)	15. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '034'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '2'
Station Number	11	5	Bytes	A5	
<del>Surface Salinity</del>	<del>16</del>	<del>3</del>	<del>Bytes</del>	<del>I3</del>	<del>Parts/thousand to tenths</del>
Dry Bulb Temperature	19	4	Bytes	I4	In tenths of deg. C
<del>Wet Bulb Temperature</del>	<del>23</del>	<del>4</del>	<del>Bytes</del>	<del>I4</del>	<del>In tenths of deg. C</del>
<del>Relative Humidity</del>	<del>27</del>	<del>2</del>	<del>Bytes</del>	<del>I2</del>	<del>Percent (00-99)</del>
<del>Barometric Pressure</del>	<del>29</del>	<del>2</del>	<del>Bytes</del>	<del>I4</del>	<del>In tenths of millibars</del>
<del>Barometric Trend</del>	<del>33</del>	<del>1</del>	<del>Bytes</del>	<del>A1</del>	<del>1+ = rising, 0 = steady, - = falling</del>
Wind Direction	34	2	Bytes	I2	In tens of degrees WMO Codes 0885 and 0877
Wind Speed	36	2	Bytes	I2	In whole knots
<del>Breaker Height</del>	<del>38</del>	<del>1</del>	<del>Bytes</del>	<del>A1</del>	<del>WMO Code 3700</del>
Weather Code	39	2	Bytes	A2	WMO Code 4677 (00-99)
Cloud Type	41	1	Bytes	A1	WMO Code 0500
<del>Cloud Amount</del>	<del>42</del>	<del>1</del>	<del>Bytes</del>	<del>A1</del>	<del>WMO Code 2700</del>
Visibility	43	1	Bytes	A1	WMO Code 4300
<del>Tide Height Code</del>	<del>44</del>	<del>1</del>	<del>Bytes</del>	<del>A1</del>	
<del>Rising or Falling Tide</del>	<del>45</del>	<del>1</del>	<del>Bytes</del>	<del>A1</del>	<del>1+ = rising, - = falling</del>
<del>Distance to Nearest Shoreline</del>	<del>46</del>	<del>4</del>	<del>Bytes</del>	<del>I4</del>	<del>In whole nautical miles</del>
<del>Ice Code</del>	<del>50</del>	<del>1</del>	<del>Bytes</del>	<del>A1</del>	
Blank	51	30	Bytes	30X	

# RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME 'Text - Land Census

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (0-0, 01n, bytoo)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '034'
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 Number	78	3	Bytes	I3	Ascending numeric, used for sorting

## RECORD FORMAT DESCRIPTION

2-20-76

RECORD NAME Data - Land Census

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN Bytes (a, b, c, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
File Type	1	3	Bytes	A3	Always '034'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	I1	Always '5'
Station Number	11	5	Bytes	A5	
X coordinate	16	2	Bytes	I2	Unit number as specified in location card
Y coordinate	18	2	Bytes	I2	
Taxonomic Code	20	10	Bytes	I10	
Sub Species	30	2	Bytes	I2	
Species Group	32	2	Bytes	A2	
Age Class Group Code	34	1	Bytes	A1	
Sex Code	35	1	Bytes	A1	
Color Phase Code	36	1	Bytes	A1	
Plumage Code	37	1	Bytes	A1	
Molt Code	38	1	Bytes	A1	
Number of Individuals	39	6	Bytes	I6	Whole numeric
Direction of Flight	45	2	Bytes	I2	In tens of degrees (01-36) use applicable portion of WHO Codes 0885 and 0877
Association Code					
Type of Association Code	47	1	Bytes	A1	
Linkage for Multispecies (sequence number)	48	3	Bytes	I3	Sequence number of the group within one observation time block (blank for single birds)
Number of Species Participating	51	2	Bytes	I2	Should equal the number of cards with the same sequence number, bytes 48-50
Behavior (Activity) Code	53	2	Bytes	A2	

# RECORD FORMAT DESCRIPTION

1-20-76

## RECORD NAME Data - Land Census (Continued)

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (0-1, bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
<del>Food Source Association Code</del>	55	1	Bytes	A1	
<del>Taxonomic Code for Food Species</del>	56	10	Bytes	I10	
<del>Debris Code</del>	66	1	Bytes	A1	
<del>Oil Code</del>	67	1	Bytes	A1	
<del>Distance from Nearest Breeding Colony</del>	68	3	Bytes	I3	<del>In whole nautical miles</del>
Blank	71	7	Bytes	7X	
Sequence Number	78	3	Bytes	I3	Ascending numeric, for sorting purposes.

# RECORD FORMAT DESCRIPTION

2/20/76

RECORD NAME SPECIMEN - BIRD COLONY DATA

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 '035'
File Identifier	4	6	Bytes	A6	
Record Type	10	1	Bytes	A1	Always 'H'
Station Number	11	5	Bytes	A5	Nest or ledge no.
Sample Date-Time					
Year	16	2	Bytes	I2	00-99
Month	18	2	Bytes	I2	01-12
Day	20	2	Bytes	I2	01-31
Hour	22	2	Bytes	I2	00-23
Taxonomic Code	24	12	Bytes	I12	
Sex Code	36	1	Bytes	A1	
Age Class Code	37	1	Bytes	A1	
Food Present Code	38	1	Bytes	A1	Use collection code
Food Sample Number	39	6	Bytes	A6	Alpha-numeric assigned to food sample
<del>Endoparasite Code</del>	<del>45</del>	<del>1</del>	<del>Bytes</del>	<del>A1</del>	<del>Use collection code</del>
<del>Ectoparasite Code</del>	<del>46</del>	<del>1</del>	<del>Bytes</del>	<del>A1</del>	<del></del>
Gonad Size	47	4	Bytes	I4	In millimeters to tenths (left testis or largest ovum)
Whole Body Weight	51	4	Bytes	I4	In whole grams
Body Weight	55	4	Bytes	I4	In whole grams
<del>Minus Viscera</del>					
<del>Fat Classification Code</del>	<del>59</del>	<del>1</del>	<del>Bytes</del>	<del>A1</del>	<del></del>

} GMT

}

2/20/76

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN Bytes (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
✓ <del>Cernum Length</del>	<del>60</del>	<del>3</del>	<del>Bytes</del>	<del>I3</del>	<del>In whole millimeters</del>
✓ <del>Gross Abnormalities Code</del>	<del>63</del>	<del>1</del>	<del>Bytes</del>	<del>A1</del>	<del>Use collection code</del>
✓ <del>Lab Sample Code</del>	<del>64</del>	<del>1</del>	<del>Bytes</del>	<del>A1</del>	<del>Use collection code</del>
Blank	65	12	Bytes	12X	
Sequence Number	77	4	Bytes	I4	

# 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		
<p><i>Seperate sheets attached</i></p>					

# 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 _____ (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

# RECORD FORMAT DESCRIPTION

RECORD NAME \_\_\_\_\_

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

## D. INSTRUMENT CALIBRATION

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

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

Elaine

Call from Cava -

RU 38

PI Letter 3/23

re/ Ltr to Cava 3/10/78

8803020201

VS

8803020301

# RECORD FORMAT DESCRIPTION

RECORD NAME

76-1386

TELD NAME	15. POSITION FROM - 1 MEASURED IN <small>(e.g., bits, bytes)</small>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
				<p>(1) HICKEY TAXONOMIC CODES CHANGED TO N.O.D.C CODES ON 3/29/78</p> <p>(2) ALL CHANGES ON ENCLOSURE DATED 3/23/77 HAVE BEEN MADE</p>	



③  
Rec'd for Cava  
4/3/78

## DEPARTMENT OF WILDLIFE ECOLOGY

226 Russell Laboratories University of Wisconsin - Madison 53706  
COLLEGE OF AGRICULTURAL AND LIFE SCIENCES SCHOOL OF NATURAL RESOURCES

23 March 1977

RECEIVED  
MAR 28 1977

NEGOA

Mauri J. Pelto  
Data Manager  
OCSEAP  
P.O. Box 1808  
Juneau, Alaska 99802

Dear Dr. Pelto:

I originally used a sampling scheme on this data, checking every tenth entry, but found an error rate in excess of 5%. I therefore checked each entry and am enclosing a list of the errors I found. I feel sure that these are original errors made by us and are not the result of transcription to the present format.

Aside from errors in the taxonomic code of fulmars which were due to an incorrect code originally supplied to us (OCSEAP Species Code, October 15, 1975), most errors fall into two categories. 1) Errors due to duplicating techniques: in this first year data set we keypunched all cards ourselves and because of the repetitious nature of most records, duplicated major portions of similar cards. In this way many errors were propagated and a few unwanted items carried over into another card. 2) Changes in date: eleven hours were added to local time in order to standardize it to GMT. In a few instances we neglected to increment the date by one when 2400 hours were reached. This was also in part a duplicating error.

Our data set this year should be much more error-free. Rather than trying to use the awkward and repetitious NOAA format, we coded field data in a simplified format, had it keypunched by a professional, verified and checked the data set three times, and then generated a set of records in NOAA format using a program developed by our statistician John R. Cary. We then checked this resultant set using a sampling technique. Repetitious data such as location coordinates and incremented data such as dates and time GMT should be relatively error-free, having been generated by machine.

Sincerely,

*Lance Craighead*  
Lance Craighead  
Research Assistant

LC:mjm

# FULMAR ERRORS

## Record No.

## Comments

32	{ These are errors in the taxonomic code for Fulmars which should read 8803020201. Byte 27 should be changed from 3 to 2. All records of Fulmars are incorrect in this data due to an error in the original list supplied to us.
97	
235	
241	
251	
331	
338	
365	
375	
385	
396	
431	
514	
653	
680	
684	
699	
702	
891	
903	
908	
950	
961	
972	
995	
1006	
1019	
1035	
1049	
1067	
1069	
1107	
1110	
1132	
1191	
1202	
1212	
1249	
1541	
1543	
1564	
1867	

# Miscellaneous Errors

## Record No.

## Comments

35	should read 563250N (byte 20=5)
70	time should be 2231 (byte 38=3)
284	number of murre is 5,780 (bytes 41-44)
353	species code: 8810060301 (bytes 20-29)
355	species code: 8810060301 (bytes 20-29)
474	coordinates: 563614N1693711W (byte 29=1)
480	" " "
541	delete -, (byte 38)
570	000072 (byte 43 changed from 6 to 7)
786	date 24 (bytes 35, 36)
789	"
792	"
795	"
798	"
801	"
804	"
807	"
809	"
813	date 24 (bytes 35, 36)
816	"
819	"
835	add NO (bytes 34, 35)
836	delete NO (bytes 34, 35) add NC (bytes 53, 54)
845	date 24 (bytes 35, 36)
849	"
851	"
853	"
855	"
859	"
940	date 26 (bytes 35, 36)
951	"
962	"
973	"
984	"
996	"
1022	{ 35 (bytes 18, 19)
1108	{ 35 (bytes 51, 52)
1259	no data card--delete this record
1262	date 29 (bytes 35, 36)
1265	"
1268	"
1271	"
1274	"
1277	"
1280	"
1283	"
1286	"
1289	"
1292	"
1295	"
1298	"
1301	"
1304	"
1307	"



Record No.Comments

1313	number of black-legged kittiwakes 048 (bytes 42-44)
1314	number of red-legged kittiwakes 092 (bytes 42-44)
1319	number of black-legged kittiwakes 050 (bytes 42-44)
1323	number of black-legged kittiwakes 054 (bytes 42-44)
1327	number of black-legged kittiwakes 058 (bytes 42-44)
1386	number of red-legged kittiwakes 048 (bytes 42-44)
1492	number of red-legged kittiwakes 057 (bytes 42-44)
1691	number of thick-billed murres 130 (bytes 42-44)
1693	number of thick-billed murres 095 (bytes 42-44)
1834	location, date 1693913W7508 (bytes 29, 30, 31)
1838	" " "
1842	" " "

76-1386  
TR 0470



## DEPARTMENT OF WILDLIFE ECOLOGY

226 Russell Laboratories University of Wisconsin - Madison 53706  
COLLEGE OF AGRICULTURAL AND LIFE SCIENCES SCHOOL OF NATURAL RESOURCES

October 31, 1977.

Dr. Francesca Cava  
Data Manager  
OCSEAP  
P.O. Box 1808  
Juneau, Alaska 99802

RECEIVED  
NOV 07 1977  
NEGOA

Dear Dr. Cava:

This is a list of errors found in Dr. Hickey's (R.U. 38) 1975 data set. File I.D. (HICKEY) I originally sent a copy to your office, c/o Dr. Pelto, on 23 March 1977. Sorry for the delay, but I was in Wyoming and this was filed in Wisconsin.

I originally used a sampling scheme on this data, checking every tenth entry, but found an error rate in excess of 5%. I therefore checked each entry and am enclosing a list of the errors I found. I feel sure that these are original errors made by us and are not the result of transcription to the present format.

Aside from errors in the taxonomic code of fulmars which were due to an incorrect code originally supplied to us (OSCEAP Species Code, October 15, 1975), most errors fall into two categories. (1) Errors due to duplicating techniques: in this first year data set we keypunched all cards ourselves and because of the repetitious nature of most records, duplicated major portions of similar cards. In this way many errors were propagated and a few unwanted items carried over into another card. (2) Changes in date: eleven hours were added to local time in order to standardize it to GMT. In a few instances we neglected to increment the date by one when 2400 hours were reached. This was also in part a duplicating error.

I am now correcting the printout of the 1976 data, file I.D. \$JJH76, and will send it as soon as I'm done.

Sincerely,

Lance Craighead  
Research Assistant

LC:mjm

Enclosure

## File I.D. HICKEY

## Data Corrections

## Miscellaneous Errors

<u>Record No.</u>	<u>Comments</u>
35	should read 563250N (Byte 20 = 5)
70	time should be 2231 (byte 38 = 3)
284	number of murre is 5,780 (bytes 41-44)-
353	species code: 8810060301 (bytes 20-29)
<del>355</del> 359	species code: 8810060301 (bytes 20-29)
474	coordinates: 563614N1693711W (byte 29 = 1)
480	" " " "
541	delete - (byte 38)
570	000072 (byte 43 changed from 6 to 7)
786	date 24 (bytes 35,36)
789	"
792	"
795	"
798	"
801	"
804	"
807	"
<del>809</del> 810	"
813	date 24 (bytes 35,36)
816	"
819	"
835	add NO (bytes 34,35) delete NC (bytes 53, 54)
836	delete NO (bytes 34,35) add NC (bytes 53,54)
845	date 24 (bytes 35,36)
849	" "
851	" "
853	" "
855	" "
859	" "
940	date 26 (bytes 35,36)
951	" "
962	" "
973	" "
984	" "
996	" "

# Miscellaneous Errors

## Record No.

## Comments

1022

35 (bytes 18, 19)

35 (bytes 51, 52)

1108

no data card--delete this record

1259

date 29 (bytes 35, 36)

1262

"

1265

"

1268

"

1271

"

1274

"

1277

"

1280

"

1283

"

1286

"

1289

"

1292

"

1295

"

1298

"

1301

"

1304

"

1307

"

1313

number of black-legged kittiwakes 048  
(bytes 42-44)

1314

number of red-legged kittiwakes 092  
(bytes 42-44)

1319

number of black-legged kittiwakes 050  
(bytes 42-44)

1323

number of black-legged kittiwakes 054  
(bytes 42-44)

1327

number of black-legged kittiwakes 058  
(bytes 42-44)

1386

number of red-legged kittiwakes 048  
(bytes 42-44)

1492

number of red-legged kittiwakes 057  
(bytes 42-44)

1691

number of thick-billed murres 130  
(bytes 42-44)

1693

number of thick-billed murres 095  
(bytes 42-44)

1834

location, date 1693913W7508  
(bytes 29, 30, 31)

1838

" " "

1842

" " "

## Fulmar Errors (

Record No.Comments

32	These are errors in the taxonomic code
97	for Fulmars which should read 8803020201.
235	Byte 27 should be changed from 3 to 2.
241	All records of Fulmars are incorrect in
251	this data due to an error in the original
331	list supplied to us.
338	" "
365	" "
375	" "
385	" "
396	" "
431	" "
514	" "
653	" "
680	" "
684	" "
699	" "
702	" "
891	" "
903	" "
908	" "
950	" "
961	" "
972	"
995	"
1006	"
1019	"
1035	"
1049	"
1067	"
1069	"
1107	"
1110	"
1132	"
1191	"
1202	"
1212	"
1249	"
1541	"
1543	"
1564	"
1867	"

TABLE 1. ABBREVIATIONS USED IN TABLES AND GRAPHS IN THIS REPORT

ABBREVIATION	SPECIES	SPECIES CODE <sup>a/</sup>	NOBC CODE
Tables			
BI	Black-legged kittiwake incubating	8810060301	
BK	Black-legged kittiwake	✓ 8810060301	9128020301
BN	Black-legged kittiwake nest	8810060301	
CA	Crested auklet	✓ 8810070801	9129011101
CM	* Common murre	✓ 8810070101	9129010301
CN	Red-faced cormorant nest	8804010104	9110040106
DF	Dark-phase fulmar	8803020201	0002
F	Fulmar	8803020201	910902020
HP	Horned puffin	✓ 8810071001	9129011302
LA	Least auklet	✓ 8810070802	9129011102
LF	Light phase fulmar	8803020201	0001
PA	Parakeet auklet	✓ 8810070701	9129011001
RC	* Red-faced cormorant	8804010104	9110040106
RI	Red-legged kittiwake incubating	8810060302	
RK	Red-legged kittiwake	✓ 8810060302	9128020302
RN	Red-legged kittiwake nest	8810060302	
TM <sup>b/</sup>	Thick-billed murre	✓ 8810070102	9129010302
TP	Tufted puffin	✓ 8810071101	9129011401
UK	Unidentified kittiwake	✓ 8810060300	91280203
UM	Unidentified murre	✓ 8810070100	91290103

## Graphs and Tables

MC	Murie Cove
PP	Pinnacle Point
RFC	Rosy Finch Cove

<sup>a/</sup> as used in magnetic tape supplied to NOAA with this report.

<sup>b/</sup> % TM = percentage of maximum number of thick-billed murres present on cliff at this time.

Max TM = maximum number of thick-billed murres present on cliff during the day.

BI = *Pissa tridactyla*  
 RI = *Pissa brevirostris*  
 CA = *Aethia cristatella*  
 LA = " *pusilla*  
 PA = *Cyclorhynchus psittacula*  
 CM = *Aria aalge*  
 TM = " *lomvia*  
 CN = *Phalacrocorax urile*  
 F = *Fulmarus glacialis*  
 HP = *Fratercula corniculata*  
 TP = *Lunda cirrhata*

11 April 1978

Jim Audet  
NOAA/EDS/OCSEAP  
National Oceanographic Data Center  
Washington D.C. 20235

Dear Mr. Audet

In regard to File I.D. 'HICKEY', file type 034 for R.U. 38  
(refer to letter dated 27 Mar 1978 from Francesca Cava, Data Manager,  
Juneau Project Office), the NODC taxonomic code

8803020301

used in this file is a mistake which we previously corresponded with  
your office about in order to correct. This code should be changed to

8803020201

Fulmarus glacialis

The other scientific names used in this file and their corresponding  
NODC codes are:

8810060300	<u>Rissa</u> sp. ✓	not identified to species
8810060301	<u>Rissa tridactyla</u> ✓	
8810060302	<u>Rissa brevirostris</u> ✓	
8810070100	<u>Uria</u> sp. ✓	not identified to species
8810070101	<u>Uria aalge</u> ✓	
8810070102	<u>Uria lomvia</u> ✓	
8810070701	<u>Cyclorhynchus psittacula</u> ✓	
8810070801	<u>Aethia cristatella</u> ✓	
8810070802	<u>Aethia pusilla</u> ✓	
8810071001	<u>Fratercula corniculata</u> ✓	
8810071101	<u>Lunda cirrhata</u> ✓	
8803020201	<u>Fulmarus glacialis</u> ✓	
8804010104	<u>Phalacrocorax urile</u> ✓	

Sincerely,

*Lance Craighead*  
F. Lance Craighead  
Research Assistant, R.U. 38

cc:

Francesca Cava

*All translations  
of code were  
done  
correctly.*

accession no: 76-1386  
OCSFAP BIO255  
Pikiloy Island Bird Census  
Hickey - Univ. Wisconsin  
no ~~other~~ other.

	11
034	
SDF1 000654	
STX2 001721	
ANSI 000625	
TR 307, 470, 496, 1268, 1894, 2338, 3935, 3936, 4123, 4444, 6745	
	56,547



Password:

accNo	fileA	refNo	proj	inst	ship	startDate	cruise	catId
7601386	F034	TR0470	0081	31D5	32P8	1975/06/23	HICKEY	299875

(1 row affected)

Password:

accNo	fileA	refNo	ship	staCnt	recCnt	startDate	endDate
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7601386	F034	TR0470	32P8	454	1602	75/06/23	75/08/11

(1 row affected)